

| | | SHAMO | 0126R | SCL | E00126R | SHAMOO126R | | | | | |
|-----|------|-------------|-------------|------------------|---------|-------------|-------------|-------------|--|--|--|
| LOG | | 24.03-25.59 | 25.59-25.88 | 0-1.78 1.78-2.16 | | 21.02-22.44 | 22.44-22.84 | 22.84-24.03 | | | |
| ADT | 2022 | 4,500 | 7,400 | 5,100 | 5,200 | 8,900 | 5,700 | 4,400 | | | |
| ADT | 2034 | 5,400 | 7,500 | 5,200 | 5,600 | 9,000 | 6,000 | 5,300 | | | |
| к | | 0.13 | 0.1 | 0.13 | 0.13 | 0.09 | 0.13 | 0.13 | | | |
| DHV | 2034 | 700 | 750 | 700 | 750 | 800 | 800 | 700 | | | |
| DD | | 53% | 59% | 65% | 55% | 70% | 66% | 52% | | | |
| T24 | | 5.00% | 5.00% | 12.00% | 9.00% | 4.00% | 6.00% | 6.00% | | | |

| UNDERGROUND UTILITIES Contact Two Working Days | ENGINEERS SEAL: | STANDARD CONSTRUCTION DRAWINGS | SUPPLEMENTAL. SPECIFICATIONS | SPECIAL PROVISION |
|--|-----------------|---|---------------------------------|----------------------|
| Before You Dig | COF o | BP-3.1 01/17/20 MT-101.90 7/21/17 | 800-2019 1/15/21 | |
| | JOHN 10 | BP-3.2 1/18/19 MT-105.10 1/17/20 BP-4.1 7/19/13 MT-110.10 7/19/13 | 832 10/19/18 | |
| Before You Dig | DENNIS | BC-1.1 1/19/18 RM-1.1 7/18/14 | | |
| OHIO811, 8-1-1, or 1-800-362-2764 (Non-members must be called directly) | TO 7 70344 0 44 | MGS-3.1 1/19/18 TC-61.30 7/19/19 MGS-4.2 7/19/13 TC-65.10 1/17/14 MGS-4.3 1/18/13 | | |
| PI AN PREPARED BY: | SS 10/STER G | TC-65.11 7/21/17 MGS 4.5 7/15/16 TC-71.10 1/19/18 | | |
| ODOT DISTRICT 8 ENGINEERING 505 S. STATE ROUTE 741 | CONAL C | MT-97.10 4/19/19 MT-97.12 1/20/11 | | |
| LEBANON, OHIO 45036 | SIGNED: 2/12/21 | MT-97.20 4/19/19 MT-92.20 4/19/19 | | |

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| COUNTY ON COUNTY | PORTION OF SR-126 IN HAMILTON COUNTY COUNTY. SA 2" MILL/FILL WITH PAVEMENT REPAIRS, GUARDRAIL UPGRADES. |
|---|--|
| -ON DIA | PID NO. 1006 39 |
| | STURBED AREAS |
| 3.3 ACRES 0.0 ACRES N/A N/A N/A NOILDONA N/A NOILDONA NOILDONA NOILDONA NOILDONA NOILDONA NOILDONA NOILDONA N/A | ATH DISTURBED AREA: 3.3 ACRES INTRACTOR EARTH DISTURBED AREA: 0.0 ACRES INTENT EARTH DISTURBED AREA: N/A INTENT EARTH DISTURBED AREA: < |
| RAILROAD INVOLVEMENT | RAILROAD INVOLVEMENT |
| RE L NOT IGHWAY E AND DN THE R | PROVED THESE PLANS AND DECLARE AKING OF THIS IMPROVEMENT WILL NOT E CLOSING TO TRAFFIC OF THE HIGHWAY ROVISIONS FOR THE MAINTENANCE AND TRAFFIC WILL BE AS SET FORTH ON THE ESTIMATES. THE ASSER ACCOLOR TO DEPUTY DIRECTOR |
| F (| DIRECTOR, DEPARTMENT OF |



<u>UTILITIES</u>

THIS PROJECT REQUIRES THE INSTALLATION OF NEW GUARDRAIL POSTS. SURVEY WORK HAS NOT BEEN PERFORMED ON THIS PROJECT, NOR HAVE THE UTILITY LOCATIONS BEEN CONFIRMED IN THE FIELD. IN ADDITION TO CMS 105.07, IF, DURING THE COURSE OF INSTALLING ANY NEW GUARDRAIL COMPONENT, IT IS DETERMINED THAT A UTILITY CONFLICT MAY RESULT, THE CONTRACTOR IS TO NOTIFY THE PROJECT ENGINEER IMMEDIATELY. UTILITIES ARE NOT TO BE RELOCATED AS A RESULT OF THIS OPERATION. ADJUSTMENTS TO THE PROPOSED GUARDRAIL WILL ACCOMMODATE THE EXISTING UTILITY. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE GUARDRAIL VIA MEANS THAT WOULD BE COMPLIANT WITH THE IMPACTED UTILITY S SAFETY GUIDELINES AS WELL AS STILL MEETING ODOT S DESIGN CRITERIA. ANY MINOR ADJUSTMENTS MADE TO THE PROPOSED GUARDRAIL INSTALLATIONS SHALL BE INCIDENTAL TO PAY ITEM 606.

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK (EXCEPT GUARDRAIL WORK) REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE GENERAL SUMMARY FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER UNLESS AUTHORIZED BY THE ENGINEER". THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE ENGINEER'S DIRECTION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THE PROJECT.

PERMANENT PAVEMENT MARKINGS

THE CONTRACTOR SHALL REFERENCE ALL PAVEMENT MARKINGS INCLUDING AUXILIARY PAVEMENT MARKINGS BEFORE THE START OF THE RESURFACING OPERATION. THIS WILL BE NECESSARY TO ASSURE THE CORRECT PLACEMENT OF MARKINGS IN ORIGINAL LOCATIONS. FOR CENTER LINE MARKINGS, THE CONTRACTOR SHALL INSTALL THE PASSING/NO PASSING ZONE MARKINGS ACCORDING TO THE CURRENT CENTER LINE LOGS AVAILBLE AT http://www.dot.state.oh.us/Divisions/Operations/Traffic/miscellaneous/ Pages/CenterlinePassingandNoPassingZoneLogs.aspx PAYMENT FOR THIS OPERATION SHALL BE INCLUDED WITH EACH RESPECTIVE PAVEMENT MARKING ITEM.

ITEM 623- CONSTRUCTION LAYOUT STAKES, AS PER PLAN

PRIOR TO THE START OF ROADWAY OPERATION, THE CONTRACTOR SHALL REFERENCE THE LENGTH OF THE PROJECT ON BOTH SIDES OF THE ROADWAY, IN A MANNER SATISFACTORY TO THE ENGINEER. THE PAVEMENT SHALL BE REFERENCED IN 1000' FEET INCREMENTS, OR IN INCREMENTS ACCEPTABLE TO THE ENGINEER, IN A SEMI-PERMANENT CONDITION.

ITEM 254- PAVEMENT PLANING, ASPHALT CONCRETE

THE PLANING SHALL BE SCHEDULED SO AS TO BE COVERED BY THE SURFACE COURSE PRIOR TO REOPENING THE LANE TO TRAFFIC. THE COST OF THE ABOVE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RESPECTIVE ITEM. A DISINCENTIVE IN THE AMOUNT OF \$1,500 SHALL BE ASSESSED FOR EACH DAY, OR PORTION THEREOF, A PLANED SURFACE IS OPEN TO TRAFFIC.

ITEM 621- RPM REMOVED/REPLACED

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

| ITEM | 621- | RРМ | | <u> </u> |
|------|------|-----|---------------------------|----------|
| ITEM | 621- | RPM | <i>REMOVED</i> <u>445</u> | <u> </u> |

<u>ITEM 253- PAVEMENT REPAIR</u>

AN ESTIMATED QUANTITY OF <u>500 CU YDS</u> OF ITEM 253-PAVEMENT REPAIR HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER. THIS OPERATION SHALL BE PERFORMED BEFORE PAVEMENT PLANING OF ROADWAY.



EXISTING SUBBASE

EXISTING DETERIORATED ASPHALT SHALL BE REMOVED TO A MAXIMUM DEPTH OF 6" INCHES OR AS DIRECTED BY THE ENGINEER AND REPLACED WITH ITEM 301, ASPHALT CONCRETE BASE. THE 301 SHALL BE COMPACTED AS PER 401.15 AND IN APPROXIMATELY EQUAL LAYERS. THE LOCATIONS AND SIZE OF THE REPAIRS SHALL BE DETERMINED BY THE ENGINEER.

INTERSECTIONS AND DRIVES



INTERSECTIONS & DRIVES

INTERSECTION AND DRIVES QUANTITIES ARE INCLUDED IN THE ASPHALT CONCRETE QUANTITIES. INTERSECTION QUANTITIES HAVE BEEN ESTIMATED AT 15' MEASURED FROM EDGE OF PAVED SHOULDER, DRIVE QUANTITIES HAVE BEEN ESTIMATED AT 3' MEASURED FROM EDGE OF PAVED SHOULDER.

PERFORM WORK PER SPECIFIED OFFSET LIMITS UNLESS THERE IS A JOINT PRESENT CLOSER TO THE EDGE OF PAVED SHOULDER, IN WHICH CASE END WORK AT SAID JOINT.

MANHOLES AND VALVES ADJUSTED TO GRADE (PRIVATELY OWNED)

ALL MANHOLE AND VALVES ENCOUNTERED IN AREAS THAT REQUIRE GRADE ADJUSTMENT WILL BE PERFORMED PRIOR TO THE APPLICATION OF THE SURFACE COURSE BY THE UTILITY OWNER. CONTACT THE UTILITY OWNER 2 WEEKS PRIOR TO WHEN THE ADJUSTMENTS ARE TO BE COMPLETED.

ITEM 611 - MANHOLE ADJUSTED TO GRADE

THIS WORK SHALL CONSIST OF ADJUSTING MANHOLES TO GRADE PRIOR TO THE APPLICATION OF THE SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 611 - MANHOLE ADJUSTED TO GRADE...... 10 EA.

ITEM 638 - VALVE BOX ADJUSTED TO GRADE

THIS WORK SHALL CONSIST OF ADJUSTING VALVE BOXES TO GRADE PRIOR TO THE APPLICATION OF THE SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 623- MONUMENT BOX ADJUSTED TO GRADE

THIS WORK SHALL CONSIST OF ADJUSTING MONUMENT BOXES TO GRADE PRIOR TO THE APPLICATION OF THE SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 623 - MONUMENT BOX ADJUSTED TO GRADE...... 1 EA.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH A SHEET OF TYPE G REFLECTIVE SHEETING, PER CMS 730.19.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, ANCHOR ASSEMBLY, MGS TYPE E, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM 202 - ANCHOR ASSEMBLY REMOVED, TYPE A

WHERE DESIGNATED, EXISTING ANCHOR ASSEMBLIES INCLUDING ALL POST AND HARDWARE SHALL BE REMOVED. THIS ITEM SHALL ALSO INCLUDE THE REMOVAL OF THE ENTIRE CONCRETE ANCHOR AND CONCRETE ENCASEMENT. ALL HOLES LEFT AFTER REMOVAL OF ASSEMBLIES AND POSTS SHALL BE FILLED WITH GRANULAR MATERIAL AS DIRECTED BY THE ENGINEER. PAYMENT SHALL INCLUDE ALL NECESSARY LABOR AND EQUIPMENT REQUIRED TO PERFORM THE INDICATED ABOVE.

GUARDRAIL REPLACEMENT

NO HAZARD SHALL BE LEFT UNPROTECTED EXCEPT FOR THE ACTUAL TIME NECESSARY TO REMOVE THE EXISTING GUARDRAIL, PREPARE THE SITE, AND INSTALL THE NEW GUARDRAIL/BARRIER IN A CONTINUOUS OPERATION. THE REMOVAL OF ALL GUARDRAIL/BARRIER SHALL AT ALL TIMES BE AS DIRECTED BY THE ENGINEER. NO GUARDRAIL/BARRIER SHALL BE REMOVED UNTIL THE REPLACEMENT MATERIAL IS ON SITE, READY FOR INSTALLATION. FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE DEEMED SUFFICIENT CAUSE TO ORDER WORK SUSPENDED UNTIL SUCH TIME ENGINEER IS ASSURED OF COMPLIANCE.

ITEM 202 - BRIDGE TERMINAL ASSEMBLY REMOVED

THIS PAY ITEM IS TO INCLUDE REMOVAL OF ALL EXTRA GUARDRAIL COMPONENTS IN EXCESS OF NORMAL GUARDRAIL WITHIN THE LIMITS OF THE BRIDGE TERMINAL ASSEMBLY.

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ENVIRONMENTAL NOTES

THE CONTRACTOR SHALL NOT DISCHARGE TOXIC OR HAZARDOUS MATERIALS SUCH AS SEALANTS, PAINT, SOLVENTS, CLEANING AGENTS, EARTHEN MATERIALS, WASTE-WATER, FUELS OR DEBRIS OF ANY KIND TO A SCENIC RIVER, ITS TRIBUTARIES, OR DRAINAGE WAYS. IF REFUELING OF IMMOBILE EQUIPMENT IS NECESSARY WITHIN THE FLOODPLAIN OR NEAR ANY TRIBUTARY DRAINAGE WAYS, DITCHES, OR STREAM, THE CONTRACTOR SHALL PROVIDE SECONDARY CONTAINMENT WITH ENOUGH CAPACITY TO COMPLETELY CONTAIN AND COLLECT ALL POTENTIAL LIQUID WASTES IN THE EVENT OF A SPILL.

ANY AND ALL CONSTRUCTION DEBRIS, EARTHEN DEBRIS, EXCESS ASPHALT OR CONCRETE, WOOD DEBRIS FROM CLEARING, EXCESS FILL MATERIAL, AND TRASH SHOULD BE DISPOSED OF AT AN APPROVED UPLAND SITE OR LAND FILL ABOVE FEMA 100-YEAR FLOOD ELEVATIONS. DISPOSAL OF ANY SUCH MATERIALS WITHIN 1000 FEET OF THE LITTLE MIAMI SCENIC RIVER IS PROHIBITED.

IN ACCORDANCE WITH ORC 3750.06, REPORTABLE SPILLS MUST BE REPORTED TO THE LOCAL FIRE DEPARTMENT (911); THE LOCAL EMERGENCY COORDINATOR (937) 901-5112 AND THE OHIO SPILL LINE (1-800-282-9378).

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THE CONTRACTOR SHALL KEEP ALL IDLE EQUIPMENT, FUELS, LUBRICANTS, AND ANY STORAGE FOR/OF POTENTIALLY TOXIC OR HAZARDOUS MATERIALS OUT OF THE FEMA DESIGNATED SPECIAL FLOOD HAZARD AREA AND NOT WITHIN 1000 FEET OF THE LITTLE MIAMI SCENIC RIVER.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER 40 DAYS PRIOR TO WORK WITHIN 1000 FEET OF THE LITTLE MIAMI SCENIC RIVER. THE PROJECT ENGINEER SHALL NOTIFY THE DISTRICT ENVIRONMENTAL COORDINATOR 35 DAYS PRIOR TO WORK WITHIN 1000 FEET OF THE SCENIC RIVER. IF COORDINATION WITH ODNR HAS NOT ALREADY OCCURRED, AND THE PROJECT REQUIRES NOTIFICATION TO THE SCENIC RIVER MANGER PRIOR TO CONSTRUCTION PER THE SCENIC RIVER MOA, THE DISTRICT ENVIRONMENTAL COORDINATOR SHALL COORDINATE WITH ODNR SCENIC RIVERS 30 DAYS PRIOR TO ANY WORK WITHIN 1000 FEET OF LITTLE MIAMI SCENIC RIVER.

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

SOLE SOURCE AQUIFER

THIS PROJECT IS LOCATED WITHIN A SOLE SOURCE AQUIFER. IN ORDER TO MINIMIZE THE POTENTIAL FOR CONTAMINATION. THE CONTRACTOR SHALL UTILIZE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS. FUELS, TOXIC/HAZARDOUS MATERIALS, AND CHEMICALS SHALL NOT BE STORED NEAR DRAINAGE WAYS, DITCHES, OR STREAMS. A SPILL KIT IS TO BE MAINTAINED ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL IMMEDIATELY TAKE STEPS TO MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS, OR CHEMICALS, THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY. ANY SUCH SPILL OR EVENT SHALL BE REPORTED IMMEDIATELY TO HAMILTON COUNTY EMERGENCY MANAGEMENT (513)-263-8200. IF THE SPILL IS A REPORTABLE AMOUNT (PER OHIO EPA'S RELEASE REPORTING REQUIREMENTS), THE CONTRACTOR SHALL CONTACT THE LOVELAND-SYMMES FIRE DEPARTMENT STATION 60 (513)-677-7000 OR THE OHIO EPA'S SPILLS HOTLINE 1-800-282-9378 FOR CLEAN-UP OF THE SPILL.

ITEM 614- MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT ONE LANE OF TWO-WAY TRAFFIC USING FLAGGERS MAY BE MAINTAINED DURING WORKING HOURS, BY USE OF THE EXISTING PAVEMENT AND COMPLETED PAVEMENT.

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

| EVENTS: CHRISTMAS NEW YEAR S L MEMORIAL DAY THA | FOURTH OF JULY LABOR DAY NKSGIVING |
|--|---|
| THE PERIOD OF TIME THAT THE LANES, THE DAY OF THE WEEK ON WHICH THE H FOLLOWING SCHEDULE SHALL BE USED T DAY OF HOLIDAY OR EVENT TIME A | ARE TO BE OPEN DEPENDS ON OLIDAY OR EVENT FALLS. THE TO DETERMINE THIS PERIOD: ALL LANES MUST BE OPEN TO |
| SUNDAY | 12:00N FRIDAY |
| MONDAY | 12:00N FRIDAY |
| THROUGH 6:00 AM TUESDAY TUESDAY | 12:00N MONDAY |
| THROUGH 6:00 AM WEDNESDAY WEDNESDAY | 12:00N TUESDAY |
| THROUGH 6:00 AM THURSDAY THURSDAY | 12:00N |
| WEDNESDAY THROUGH 6:00 AM FRIDAY | 6.00 AM WEDNESDAY THROUCH |
| 6:00 AM MONDAY | 0.00 AM WEDNESDAT THINOOG |
| FRIDAY THURSDAY THROUGH 6:00 AM MONDAY | 12:00N |
| SATURDAY | 12:00N FRIDAY |

THROUGH 6:00 AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$35 FOR EACH MINUTE THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

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.

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.

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 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 RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUN WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME TABLE ITEM DURATION OF:

| ITEM | DURATION OF CLOSURE | NOTICE DUE TO OFFICE OF COMMUNICATIONS | | | | | | |
|--|------------------------|---|--|--|--|--|--|--|
| RAMP & | >= 2 WEEKS | 21 CALENDAR DAYS PRIOR TO CLOSURE | | | | | | |
| | > 12 HOURS & < 2 WEEKS | 14 CALENDAR DAYS PRIOR TO CLOSURE | | | | | | |
| CLOSURES | < 12 HOURS | 4 BUSINESS DAYS PRIOR TO CLOSURE | | | | | | |
| LANE | >= 2 WEEKS | 14 CALENDAR DAYS PRIOR TO CLOSURE | | | | | | |
| CLOSURE & RESTRICTIONS | < 2 WEEKS | 2 BUSINESS DAYS PRIOR TO CLOSURE | | | | | | |
| START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES | N/A | 14 CALENDAR DAYS PRIOR TO IMPLEMENTATION | | | | | | |

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

ITEM 614- WORK ZONE MARKINGS

THE CONTRACTOR SHALL PLACE ALL WORK ZONE PAVEMENT MARKINGS OR PERMANENT MARKINGS UPON COMPLETION OF THE ASPHALT SURFACE COURSE PRIOR TO OPENING THE ROADWAY TO TRAFFIC.

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

THE FOLLOWING QUANTITIES FOR WORK ZONE (WZ) MARKINGS HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

SURFACE COURSE:

ITEM 614-WZ CENTER LINE, CLASS III, 642 PAINT - 5.25 MILES ITEM 614-WZ EDGE LINE 4", CLASS III, 642 PAINT - 10.5 MILES ITEM 614-WZ STOP LINE CLASS III, 642 PAINT - 145 FEET ITEM 614-WZ CHANNELIZING LINE 8", CLASS III, 642 PAINT - 1312 FEET ITEM 614-WZ LANE ARROW, CLASS III, 642 PAINT - 16 EACH

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.

DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC, OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED | IGHT).

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 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).

FOR OPERATIONS WITHOUT POSITIVE PROTECTION OCCURRING WITHIN 10 FEET OF AN OPEN TRAVELED LANE THAT MEET ALL OF THE FOLLOWING CRITERIA: ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR EXPRESSWAY; AND

AN AUTHORIZED SPEED LIMIT OF 45 MPH OR GREATER THAT IS IN EFFECT AT THE TIME OF THE OPERATION; AND.

AADT OF 50,000 (OR AADT OF 30,000 WITH 25% OR HIGHER PERCENT TRUCKS)

"WITHOUT POSITIVE PROTECTION" MEANS USE OF DRUMS, CONES, SHADOW VEHICLE, ETC, WITHOUT PROTECTION FROM PORTABLE BARRIER OR OTHER RIGID BARRIER ALONG THE WORK AREA. THIS PHRASE DOES NOT APPLY TO CASES WHERE POSITIVE PROTECTION IS REQUIRED. MOBILE OPERATIONS ARE REGARDED AS "WITHOUT POSITIVE PROTECTION". FOR WORK ZONES USING A COMBINATION OF BARRIER AND TEMPORARY TRAFFIC CONTROL DEVICES (CONES. DRUMS. ETC), THE DESIGNATION SHALL BE BASED UPON THE TYPE OF DEVICES USED IN THE AREA THAT WORKERS ARE LOCATED.

IF MULTIPLE ACTIVE LOCALIZED QUALIFYING WORK AREAS OCCUR WITHOUT POSITIVE PROTECTION, PER MAINLINE TRAFFIC DIRECTION. PROVIDE A UNIFORMED LEO AND OFFICIAL PATROL CAR IN ADVANCE OF:

THE FIRST ACTIVE WORK AREA THAT DRIVERS WILL ENCOUNTER; OR

THE ACTIVE WORK AREA LATERALLY CLOSEST TO THE OPEN TRAVELED LANE: OR

OTHER LOCATION AS APPROVED BY THE ENGINEER.

THE UNIFORMED LEO AND OFFICIAL PATROL CAR MAY RELOCATE AMONG THE LISTED LOCATIONS AS APPROPRIATE AS THE OPERATIONS PROCEED IN THE LOCALIZED QUALIFYING WORK AREAS.

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 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. 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 THAT SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

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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 <u>12 HOURS</u>

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.

WINDOW CONTRACT TABLE USE THE FOLLOWING TABLE AS REFERRED TO IN THE PROPOSAL

| DESCRIPTION OF | CALENDAR DAYS | DISINCENTIVE | WORK W | INDOW |
|-------------------------------|---------------|--------------|----------|-----------|
| CRITICAL WORK | TO COMPLETE | \$ PER DAY | START | END |
| ALL WORK IMPACTING TRAFFIC | 90 | \$2,500 | 5/1/2022 | 11/1/2022 |

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| 3 | 4 | 7 | 8 | 9 | 10 | | | | | | | | 01/S>2/PV | | EXT | TOTAL | | |
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| | | | | | 13 | | | | | | | | 13 | 202 | 23000 | 13 | SY | PAVEMENT REMOVED |
| | | | | | 494 | | | | | | | | 494 | 202 | 30000 | 494 | SF | WALK REMOVED |
| | | | | 8.613 | 7 2 2 | | גגג | | ר א א | | ר א א | | X 8.6X3 X | <u>ک</u> 20 | <u>入380%0 入</u> | 入8.633 入 | 入 氏 入 | GNARARAIA REMOVED 7 |
| | | | | 18 | | | | | | <u> </u> | | | 18 | 202 | 42001 | 18 | EACH | ANCHOR ASSEMBLY REMOVED, TYPE A, AS F |
| | | | | 8 | | | | | | | | | 8 | 202 | 42010 | 8 | EACH | ANCHOR ASSEMBLY REMOVED. TYPE E |
| | | | | | | | | | | | | | | | | | | , |
| | | | | 2 | | | | | | | | | 2 | 202 | 42040 | 2 | EACH | ANCHOR ASSEMBLY REMOVED. TYPE T |
| | | | | 4 | | | | | | | | | 4 | 202 | 47000 | 4 | EACH | BRIDGE TERMINAL ASSEMBLY REMOVED |
| | | | | 92 | | | | | | | | | 92 | 209 | 15000 | 92 | STA | RESHAPING UNDER GUARDRAIL |
| | | | | 8.175 | | | | | | | | | 8.175 | 606 | 15100 | 8.175 | FT | GUARDRAIL, TYPE MGS WITH LONG POSTS |
| | | | | 24 | | | | | | | | | 24 | 606 | 26150 | 24 | EACH | ANCHOR ASSEMBLY, MGS TYPE E, NCHRP 35 |
| | | | | | | | | | | | | | | | | | | |
| | | | | 3 | | | | | | | | | 3 | 606 | 26550 | 3 | EACH | ANCHOR ASSEMBLY, MGS TYPE T |
| | | | | 4 | \sim | \sim | | \sim | m r | $\uparrow \uparrow \uparrow$ | ~~~ | \sim | | 616 | 35002 | 1 A A | PACH | MGSBRINGE ERMINAL ASSEMBLY YPP 1 |
| | | | | | 85 | | | | | | | | 85 | 608 | 10000 | 85 | SF | 4" CONCRETE WALK |
| | | | | - (- | 572 | | | | | | | | 572 | 608 | 52000 | 572 | SF | |
| 10 | | | | 4 | λλ | <u>, , , , , , , , , , , , , , , , , , , </u> | 7 7 | <u>, , , ,</u> | 77 | | 7 7 | <u>, , , ,</u> | λ 10 J | |)996 5 4 | <u> </u> | JEACH J | |
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| 1 | | | | | | | | | | | | | 1 | 623 | 39500 | 1 | EACH | MONUMENT BOX ADJUSTED TO GRADE |
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| | | 11 | | | | | | | | <u> </u> | | | 11 | 209 | 72050 | 11 | MILE | PREPARING SUBGRADE FOR SHOULDER PAY |
| 500 | | 1 | | 1 | | | 1 | | | 1 | | | 500 | 253 | 02000 | 500 | CY | PAVEMENT REPAIR |
| 000 | | 83,886 | | | | | | | | | | | 83,886 | 254 | 01000 | 83,886 | SV | PAVEMENT PLANING ASPHALT CONCRETE ' |
| | | 840 | | | | | | | | | | | 840 | 254 | 01600 | 840 | ST SV | PATCHING PLANED SUPEACE |
| | | 5.03/ | | | | | | | | | | | 5.03/ | 407 | 20000 | 5.034 | | NON-TRACKING TACK COAT |
| | | 3,034 | | | | | | | | | | | 3,034 | 407 | 20000 | 3,034 | GAL | |
| | | 4 711 | | | | | | | | | | | 4 711 | 112 | 20000 | 4 711 | CV | ASPHALT CONCRETE SURFACE COURSE 12 |
| | | 220 | | | | | | | | | | | 220 | 617 | 10100 | 230 | | COMPACTED ACCPECATE |
| | | 233 | | | | | | | | | | | 235 | 617 | 25000 | 239 | MGAL | WATED |
| | | 5 | | | | | | | | | | | 5 | 017 | 23000 | 5 | WIGAL | WATER |
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| | | | | | | | | | | | | | 1,000 | 632 | 30000 | 1,000 | EACH | |
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| 2 | | | | | | | | | | | | | 2 | 629 | 10800 | 2 | FACU | |
| 3 | | | | | | | | | | | | | 3 | 030 | 10600 | 3 | EACH | VALVE BOX ADJUSTED TO GRADE |
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| 445 | | | | | | | | | | | | | 445 | 004 | 00400 | 445 | FAOL | |
| 445 | | | | | | | | | | | | | 445 | 621 | 00100 E4000 | 445 | | |
| 445 | | | | 400 | | | | | | | | | 445 | 621 | 54000 | 445 | EACH | RAISED PAVEMENT MARKER REMOVED |
| | | | 0.00 | 102 | | | | | | | | | 102 | 626 | 00110 | 102 | | BARKIER REFLECTOR, TYPE 2, BIDIRECTION |
| | | | 0.03 | | | | | | | ļ | | | 0.03 | 642 | 00100 | 0.03 | | EDGE LINE, 4", TYPE 1 |
| | | | 0.15 | | | | | | | I | | | 0.15 | 642 | 00300 | 0.15 | | |
| | | | 10.5 | | | | | | | | | | 10.5 | 644 | 00100 | 10.5 | MILE | EDGE LINE, 4" |
| | | | | | | | | | | - | | | | | | | | |
| | | | 5.25 | | | | | | | | | | 5.25 | 644 | 00300 | 5.25 | MILE | CENTER LINE |
| | | | 1,312 | | | | | | | | | | 1,312 | 644 | 00400 | 1,312 | FT FT | CHANNELIZING LINE, 8" |
| | | | 145 | | | | | | | | | | 145 | 644 | 00500 | 145 | FT | STOP LINE |
| | | | 45 | | | | | | | | | | 45 | 644 | 00600 | 45 | FT | CROSSWALK LINE |
| | | | 360 | | | | | | | | | | 360 | 644 | 00700 | 360 | FT | TRANSVERSE/DIAGONAL LINE |
| | | | | | | | | | | | | | | | | | | |
| | | | 283 | | | | | | | | | | 283 | 644 | 00720 | 283 | FT | CHEVRON MARKING |
| | | | 42 | | | | | | | | | | 42 | 644 | 00900 | 42 | SF | ISLAND MARKING |
| | | | 16 | | | | | | | | | | 16 | 644 | 01300 | 16 | EACH | LANE ARROW |
| | | | | | | | | | | | | | | | | | | |
| | 12 | | | | | | | | | | | | 12 | 614 | 11110 | 12 | HOUR | LAW ENFORCEMENT OFFICER WITH PATROL |
| | 5.25 | | | | | | | | | | | | 5.25 | 614 | 21550 | 5.25 | MILE | WORK ZONE CENTER LINE, CLASS III, 642 PA |
| | 10.5 | | | | | | | | | | | | 10.5 | 614 | 22350 | 10.5 | MILE | WORK ZONE EDGE LINE, CLASS III, 4", 642 PA |
| | 1,312 | | | | | | 1 | | | | | | 1,312 | 614 | 23680 | 1,312 | FT | WORK ZONE CHANNELIZING LINE, CLASS III. |
| | 145 | 1 | | 1 | 1 | | 1 | | | 1 | | | 145 | 614 | 26610 | 145 | FT | WORK ZONE STOP LINE, CLASS III. 642 PAINT |
| | 16 | | | | | | | | | 1 | | | 16 | 614 | 30650 | 16 | EACH | WORK ZONE ARROW, CLASS III. 642 PAINT |
| | | | | | | | | | | 1 | | | | | * | 1 | | |
| | | | | | | | | | | 1 | | | LS | 614 | 11000 | LS | | MAINTAINING TRAFFIC |
| | | | | | | | | | | | | | LS | 623 | 10001 | LS | | CONSTRUCTION LAYOUT STAKES AND SURV |
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| COUNTY- | | | LEN | LENGTH | | PREPARING SUBGRADE FOR | PAVEMENT PLANING ASPHALT CONCRETE | | PATCHING PLANED | NON TRACKING TACK COAT | ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A, (448) | | | COMPACTED AGGREGATE TYPE A, DEPTH = | WATER @ 20 | |
| 5 NOULL | FROM | ТО | | | | SHOULDER PAVING | DEPTH | | SURFACE | 0.09 GAL/SQ YD | THICK- NESS | | SAFETY EDGE | SURFACE THICKNESS | GAL/CU YD | |
| 5 | | | MILES | FT | SQ YD | MILES | INCHES | SQ YD | SQ YD | GAL | INCHES | CU YD | CU YD | CU YD | MGAL | |
| HAM -126 | 22.28 | 22.84 | 0.56 | 2957 | 11355 | 1.12 | 2.00 | 11355.0 | 114 | 681.3 | 2.00 | 630.8 | 5.3 | 25.2 | 0.50 | TYPI |
| CLE-126 | 0.00 | 2.16 | 2.16 | 11405 | 32065 | 4.32 | 2.00 | 32065.3 | 321 | 1923.9 | 2.00 | 1781.4 | 20.3 | 97.0 | 1.94 | |
| HAM -126 | 22.84 | 25.44 | 2.60 | 13728 | 40465 | 5.20 | 2.00 | 40464.8 | 405 | 2427.9 | 2.00 | 2248.0 | 24.5 | 116.8 | 2.34 | |
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| 5 - : | TOTALS (| CARRIED TO | O GENERAL | . SUMMARY | / | 11 | \searrow | 83886 | 840 | 5034 | \searrow | 4 | 711 | 239 | 5 | |

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| Y FACE OF CONCRETE GUTTER ULDER ULDER (B) EXISTING ASPHALT CONCRETE PAVEMENT EXISTING CURB OR GUTTER ITEM 442 - 2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A, (448) ITEM 407 - NON-TRACKING TACK COAT ITEM 254 - 2" PAVEMENT PLANING ASPHALT CONCRETE | | CALCULATIONS | |
| NOTES | | AVEMENT | |
| CAL SECTION 1,2 & 3: BEGIN @ INDIAN HILL LIMITS, OMIT BRIDGE TYPICAL SECTION 1: OMIT BRIDGE TYPICAL SECTION 1 & 3: END @ MILFORD CITY LIMIT | | | |
| | | 1/ CLE-SR126-22.28/ 0.00 | |
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| | LOG POINT (MILE) | | | | 644 | | | | | | | | 642 | | | | | |
|-----------|-----------------------------------|-------|-------|-------|---------|-------|--------|--|--|--|-----|--------|---------|--------|-------|--|--|--|
| COUNTY- | | | TOTAL | EDGE | LINE 4" | CENTE | R LINE | | | | | EDGE L | .INE 4" | CENTER | LINE | | | |
| ROUTE | | | | WHITE | | | SOLID | | | | | WHITE | | | SOLID | | | |
| | FROM | TO | MILE | MILE | | | MILE | | | | | MILE | | | MILE | | | |
| HAM-126 | 22.28 | 22.84 | 0.56 | 1.12 | | | 0.56 | | | | | | | | | | | |
| CLE-126 | 0.00 | 2.16 | 2.16 | 4.32 | | | 2.16 | | | | | | | | | | | |
| HAM-126 | 22.91 | 25.44 | 2.53 | 5.06 | | | 2.53 | | | | | | | | | | | |
| HAM-126 | 22.84 | 22.91 | 0.07 | | | | | | | | | 0.14 | | | 0.07 | | | |
| CLE-126 | 2.16 | 2.24 | 0.08 | | | | | | | | | 0.16 | | | 0.08 | | | |
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| TOTALS C. | TOTALS CARRIED TO GENERAL SUMMARY | | | 10.5 | | 5.25 | | | | | 0.3 | | 0.15 | | | | | |

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| COUNTY | | | 8" CHANNEL | | 24″ TRANSVERSE | CUEVDON | | | WORD ON | LANE . | ARROWS | | | | |
| COUNTY- LOG POINT (MILE) ROUTE | IZING LINE | STOP LINE | ∕DIAGONAL LINE | MARKING | CROSS WALK | ISLAND MARKING | PAVEMENT | TURN | | | | - | | | |
| | | | WHITE | 24″ | YELLOW | | | | ONL Y | LEFT | RIGHT | | | | |
| | FROM | TO | FT | FT | FT | FT | FT | SQ FT | EA | EACH | EACH | | | | |
| HAM-126 | 22.28 | 22.84 | 1016 | 120 | 150 | 283 | | | | 8 | | | | | |
| CLE-126 | 0 | 2.16 | | 25 | | | 45 | | | | | | | | |
| HAM-126 | 22.84 | 25.44 | 296 | | 210 | | | 42 | | 3 | 5 | | | | |
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| COUNTY | ROUTE | LOG | POINT | SIDE | GUARDRAIL REMOVED | ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN | ANCHOR ASSEMBLY REMOVED, TYPE E | ANCHOR ASSEMBLY REMOVED, TYPE T | ANCHOR ASSEMBLY REMOVED, TYPE B | BRIDGE TERMINAL ASSEMBL Y REMOVED | RESHAPING UNDER GUARDRAIL | GUARDRAIL, TYPE MGS WITH LONG POSTS | ANCHOR ASSEMBLY, MGS TYPE E | ANCHOR ASSEMBLY, MGS TYPE T | MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 | BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) | |
| | | FROM | TO | | FT | EACH | EACH | EACH | EACH | EACH | STATION | FT | EACH | EACH | EACH | EACH | 1 |
| НЛМ | 126 | 22 330 | 22 380 | FR | 175.0 | | 2 | | | | 3 | 175 0 | 2 | | | 3 | - |
| | 120 | 22.550 | 22.500 | | 107.5 | | 2 | 1 | | | 2 | 177.5 | 2 | 1 | | | |
| | | 22.540 | 22.500 | FB | 25.0 | | 1 | 1 | | 1 | 2 | 137.5 | 1 | / | 1 | 1 | |
| | | 22.520 | 22.530 | WB | 25.0 | | 1 | | | 1 | | | 1 | | 1 | 1 | |
| | | 22.530 | 22.550 | EB | 25.0 | | 1 | | | 1 | | | 1 | | 1 | 1 | |
| | | 22.550 | 22.560 | WB | 25.0 | | 1 | | | 1 | | | 1 | | 1 | 1 | |
| | | 22.631 | 22.641 | WB | 25.0 | 1 | | 1 | | | 1 | 25.0 | 1 | 1 | | 1 | MA |
| | | 22.636 | 22.706 | EB | 312.5 | 2 | | | | | 4 | 262.5 | 2 | | | 4 | - |
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| 3:22 AM | | 22.805 | 22.810 | WB | 50.0 | 2 | | | | | 1 | 50.0 | 1 | | | 2 | FOF 50' G |
| CLE | 126 | 0.000 | 0.060 | EB | 75.0 | 1 | | | | | 1 | 50.0 | 1 | | | 2 | |
| 0211 | | 0.236 | 0.361 | EB | 662.5 | 2 | | | | | 7 | 612.5 | 2 | | | 7 | |
| 8/2 | | 0.396 | 1.093 | EB | 3650.0 | / | / | | | | 37 | 3625.0 | 2 | | | | |
| 2/1 | | 2.035 | 2.110 | EB | 387.5 | 1 | | | | | 4 | 362.5 | 1 | | | 5 | |
| | | 2.075 | 2.110 | WB | 175.0 | 1 | | | | | 2 | 187.5 | | 1 | | 3 | REPL |
| Б НАМ | 126 | 22.875 | 22.900 | EB | 112.5 | 1 | | | | | 1 | 87.5 | 1 | | | 2 | |
| 2001.0 | | 22.875 | 22.895 | WB | 100.0 | 1 | | | | | 1 | 75.0 | 1 | | | 2 | |
| 196 | | 24.792 | 25.178 | WB | 2000.0 | 1 | 1 | | | | 21 | 1975.0 | 2 | | | 21 | |
| 063 | | 25.278 | 25.394 | WB | 575.0 | 2 | | | | | 6 | 525.0 | 2 | | | 6 | |
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| | CALCULATED WWH CHECKED JDO |
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| NOTES | |
| EPLACE ENTIRE RUN. CLOSE GAP AT FIRE HYDRANT. MATCH FOOTPRINT. MATCH FOOTPRINT W/A TYPE T AND RADIUS (5'MAX) AT THE DRIVEWAY. | |
| CH FOOTPRINT ON WEST END WITH TYPE T AND 12'5GR ON RADIUS (5'MAX). EXTEND FOOTPRINT ON EAST END BY APPROXIMATELY 25'. HE EAST BOUND SIDE REPLACE THE TYPE T AND 25' GR WITH 25' MGS, A MGS | AIL |
| PE T, AND 12.5 MGS ON A RADIUS (5' MAXIMUM) AT THE DRIVE. THE NEW RAIL TO BE INSTALLED ON A TANGENT PRIOR TO THE RADIUS AT THE DRIVE TEAD OF THE CURRENT TAPERED GUARDRAIL WITH A TYPE T ON THE END. THE WESTBOUND SIDE WHICH RUNS ALONG LINK ROAD REPLACE THE TYPE A, THEN REPLACE WITH MGS GR MATCHING THE EXISTING RADIUS AND A TYPE E. ECOTPRINT WILL INCREASE ROUCHLY 25' | UARDR, |
| ND REPLACEMENT AT THE EXISTING BRIDGE TERMINAL ASSEMBLY. MATCH FOOTPRINT. | ש |
| CE TYPE A WITH TYPE T ALONG DRIVE, END REPLACEMENT AT THE EXISTING BRIDGE TERMINAL ASSEMBLY, MATCH FOOTPRINT. ND REPLACEMENT AT THE EXISTING BRIDGE TERMINAL ASSEMBLY. MATCH FOOTPRINT. ND REPLACEMENT AT THE EXISTING BRIDGE TERMINAL ASSEMBLY. MATCH | |
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| | | | | FOR INFORMATION ONLY 202 608 CURB RAMP TYPE PER BP_7 1 I I | | | | | | | | | | | | |
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| COUNTY | ROUTE | LOGPOINT OR INTERSECTING STREETNAME | TYPE A1 | TYPE A2 | TYPE B1 | TYPE B2 | TYPE B3 | TYPE C1 | TYPE C2 | DETECTABLE WARNING | PAVEMENT REMOVED | WALK REMOVED | 4" CONCRETE WALK | CURB RAMP | ADDITIONAL NOTES | |
| | | | | | ONE EACI | H PER COMPAS | S DESCRIBED | | I | | SQ YD | SQ FT | SQ FT | SQ FT | | |
| CLE | 126 | A-1: W Perry Lane | | 1 | | | | | | | | 26 | | 26 | | |
| CLE | 126 | A-2: E Perry Lane | | 1 | | | | | | | | 94 | 20 | 74 | | |
| CLE | 126 | B-1: W Third Street | | 1 | | | | | | | | 32 | | 32 | | |
| CLE | 120 | C-1: W Second Street | | | | | | | | | | 144 | 40 | 4∠ 104 | | |
| CLE | 126 | C-2: E Second Street | | 1 | | | | | | | 2 | | | 16 | | |
| CLE | 126 | D-1: W First Street | | 1 | | | | | | | | 24 | | 24 | | |
| CLE | 126 | D-2: E First Street | | 1 | | | | | | | | 36 | | 36 | | |
| | 126 | E-1: W Drake Alley | | 1 | | | | | | | | 40 | | 40 23 | | |
| CLE | 126 | F-2: SE Wards Corner | | 1 | | | | | | | 2 | 75 | 25 | 65 | | |
| CLE | 126 | G-1: N Little Miami Bike Path | | | | | | | | | 5 | | | 45 | | |
| CLE | 126 | G-2: S Little Miami Bike Path | | | | | | | | | 5 | | | 45 | | |
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