

# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

## CLE-SR 125-5.13

FEDERAL PROJECT NUMBER

E200666

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

THIS PROJECT WILL REPAIR AND RESURFACE CLE-125 THROUGH THE FORMER VILLAGE OF AMELIA. THE PROJECT WILL INCLUDE CATCH BASIN REPAIRS, CONDUIT REPAIRS, CURB RAMPS, CURBS, RESURFACING, AND PAVEMENT REPAIRS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 0.337 ACRES  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0 ACRES  
NOTICE OF INTENT EARTH DISTURBED AREA: **NOI NOT REQUIRED MAINTENANCE PROJECT**

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEARBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY WILL BE AS SET FORTH ON THE PLANS AND ESTIMATE.



SEE SHEET 2

**LOCATION MAP**

LATITUDE: 39°26'40" LONGITUDE: -84°16'43"



PORTION TO BE IMPROVED	=====
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	=====
STATE ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	=====

**DESIGN DESIGNATION**

	3.35-5.09	5.09-5.89	5.89-6.99	6.99-7.31	7.31-8.89	8.89-9.11	9.11-10.35
CURRENT ADT (2022)	26,500	28,000	23,500	20,500	16,500	23,000	22,500
DESIGN YEAR ADT (2034)	27,000	28,500	24,000	21,000	16,500	27,500	25,500
DESIGN HOURLY VOLUME (2034)	2,700	2,600	2,200	2,100	1,600	2,800	2,600
DIRECTIONAL DISTRIBUTION	60%	57%	54%	55%	59%	61%	63%
TRUCKS (24 HOUR B&C)	7.0%	8.0%	9.0%	7.0%	8.0%	5.0%	6.0%
DESIGN SPEED	-----						
LEGAL SPEED	-----						
DESIGN FUNCTIONAL CLASSIFICATION:	-----						
03 PRINCIPAL ARTERIAL (URBAN)	-----						
NHS PROJECT	----- YES						

**DESIGN EXCEPTIONS**

NONE

**ADA DESIGN WAIVERS**

REQUIRED

**UNDERGROUND UTILITIES**  
Contact Two Working Days Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764  
(Non members must be called directly)

PLAN PREPARED BY:  
ODOT DISTRICT 8 ENGINEERING  
505 S. STATE ROUTE 741  
LEBANON, OHIO 45036

**INDEX OF SHEETS:**

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ENGINEER'S SEAL:	STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
	BP-3.1	1/17/20	MT-95.32	4/19/19	800-2019	7/15/21
			MT-95.60	4/19/19	821	4/20/12
	CB-1.1	7/19/19	MT-95.61	4/19/19	832	10/19/18
	CB-2.1	1/15/21	MT-102.20	4/19/19	843	10/11/19
			MT-105.10	1/17/20	861	1/15/21
	DM-1.1	7/17/20			872	4/17/20
			TC-65.10	1/17/14	899	1/17/20
	MH-1.2	1/15/16	TC-65.11	7/21/17	809	4/16/21
			TC-71.10	1/19/18	807	7/16/21
	BP-4.1	7/19/13	TC-74.1	7/16/21	850	4/16/21
	BP-5.1	1/18/19				
	BP-7.1	7/17/20				
	RM-1.1	1/15/21				
	MT-95.31	7/19/19				

SIGNED:   
DATE: 7/6/2021

APPROVED:   
DATE: 7/6/2021 DISTRICT DEPUTY DIRECTOR

APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_ DIRECTOR, DEPARTMENT OF TRANSPORTATION

TITLE SHEET

DESIGN AGENCY 
DESIGNER JED
REVIEWER JDO
PROJECT ID 112408
SHEET TOTAL P.1   22

CLE-SR 125-5.13

MODEL: Sheet PAPER SIZE: 17x11 (in.) DATE: 7/6/2021 TIME: 9:34:04 AM USER: jday164  
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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. PAYMENT FOR THIS OPERATION SHALL BE INCLUDED WITH EACH RESPECTIVE PAVEMENT MARKING ITEM.

ITEM 623- CONSTRUCTION LAYOUT STAKES, AS PER PLAN

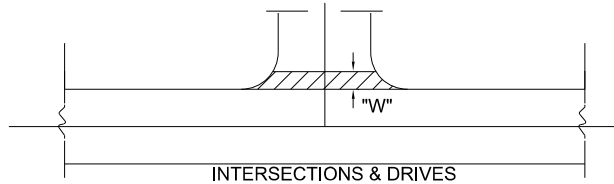
PRIOR TO THE START OF ROADWAY OPERATION, THE CONTRACTOR SHALL REFERENCE THE LENGTH OF THE PROJECT ON BOTH SIDES OF THE ROADWAY, IN A MANNER SATISFACTORY TO THE ENGINEER. THE PAVEMENT SHALL BE REFERENCED IN 1000' FEET INCREMENTS, OR IN INCREMENTS ACCEPTABLE TO THE ENGINEER, IN A SEMIPERMANENT CONDITION.

ITEM 254- PAVEMENT PLANING, ASPHALT CONCRETE

THE PLANING SHALL BE SCHEDULED SO AS TO BE COVERED BY THE INTERMEDIATE 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 \$3,600 SHALL BE ASSESSED FOR EACH DAY, OR PORTION THEREOF, A PLANED SURFACE IS OPEN TO TRAFFIC.

ADJUST DEPTH OF PLANING AT NECESSARY BRIDGE APPROACH SLABS. PLAIN PAVEMENT TO PROVIDE SMOOTH TRANSITIONS AT BRIDGE(S).

INTERSECTIONS AND DRIVES

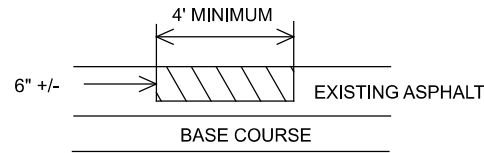


INTERSECTION AND DRIVES QUANTITIES ARE INCLUDED IN THE ASPHALT CONCRETE QUANTITIES. INTERSECTION QUANTITIES HAVE BEEN ESTIMATED AT 15' MEASURED FROM EDGE OF PAVED SHOULDER, DRIVE QUANTITIES HAVE BEEN ESTIMATED AT 3' "W" MEASURED FROM EDGE OF PAVED SHOULDER.

PERFORM WORK PER SPECIFIED OFFSET LIMITS UNLESS THERE IS AN EXISTING JOINT LOCATED CLOSER TO THE EDGE OF PAVED SHOULDER, IN WHICH CASE END WORK AT SAID JOINT, ALSO END WORK AT EXISTING CONCRETE DRIVEWAYS OR DROPPED CURB ALONG DRIVEWAYS.

ITEM 253- PAVEMENT REPAIR

AN ESTIMATED QUANTITY OF 250 CU YDS 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 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 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.

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..... 11 EA.

ITEM 611 - CATCH BASIN ADJUSTED TO GRADE

THIS WORK SHALL CONSIST OF ADJUSTING CATCH BASINS 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 - CATCH BASIN ADJUSTED TO GRADE..... 12 EACH

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 638 - VALVE BOX ADJUSTED TO GRADE..... 18 EA.

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 621- RPM REMOVED/REPLACED

ITEM 621- RPM, Y/Y.....345 EA  
ITEM 621- RPM, 2-WAY (WHITE/RED) .....578 EA

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 621- RPM .....923 EA  
ITEM 621- RPM REMOVED.....923 EA

UTILITIES (PAVING AND GUARDRAIL)

THIS PROJECT REQUIRES THE REMOVAL OF GUARDRAIL AND POSTS. SURVEY WORK HAS NOT BEEN PERFORMED ON THIS PROJECT, FOR PAVING AND GUARDRAIL WORK, NOR HAVE THE UTILITY LOCATIONS BEEN CONFIRMED IN THE FIELD. IN ADDITION TO CMS 105.07, IF, DURING THE COURSE OF REMOVING ANY 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 REMOVING THE GUARDRAIL VIA MEANS THAT WOULD BE COMPLIANT WITH THE IMPACTED UTILITY S SAFETY GUIDELINES.

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

GUARDRAIL REMOVED

THERE IS A QUANTITY OF 12 FEET OF MSG GUARDRAIL AND POST TO BE REMOVED AND NOT REPLACED. QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 519 - PATCHING CONCRETE STRUCTURE

THIS WORK SHALL CONSIST OF COMPLETING CONCRETE PATCHING PER CMS 519 IN THE JUNCTION CHAMBERS LOCATED ON STRUCTURE SFN 1302100 AT SLM CLE-125-05.94. THE LOCATIONS OF THE PATCHING SHALL BE AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 519 - PATCHING CONCRETE STRUCTURE 25 SF

ITEM 602 - MASONRY, MISC.: REPOINTING STONE MASONRY

SEE SPECIAL PROVISIONS FOR STONE MASONRY RESTORATION AND REPAIRS, DATED OCTOBER 14, 2021, FOR SCOPE OF WORK DETAILED IN THIS ITEM. THE WORK SHALL BE COMPLETED IN THE JUNCTION CHAMBERS OF STRUCTURE SFN 1302100 LOCATED AT SLM CLE-125-05.94. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 602 - MASONRY, MISC: REPOINTING STONE MASONRY, 0"-2" DEEP 30 SF

ITEM 602 - MASONRY, MISC: REPOINTING STONE MASONRY, MORE THAN 2" DEEP 5 CY

UTILITIES (DRAINAGE STRUCTURES)

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

DUKE ENERGY ELECTRIC (DISTRIBUTION)  
2010 DANA AVENUE  
CINCINNATI, OHIO 45207  
513-458-3866 (SHANE ERHART)  
SHANE.ERHART@DUKE-ENERGY.COM

DUKE ENERGY ELECTRIC (TRANSMISSION)  
139 EAST 4TH STREET, ROOM 552A  
CINCINNATI, OHIO 45202  
513-287-1266 (TIM MEYER)  
TIM.MEYER@DUKE-ENERGY.COM

DUKE ENERGY GAS  
139 EAST 4" STREET, ROOM 460A  
CINCINNATI, OHIO 45202  
513-287-2517 (MARK BRANSCUM)  
MARK.BRANSCUM@DUKE-ENERGY.COM  
(PLEASE SEND ALL UTILITY PLAN REVIEWS TO THIS ADDRESS: OH/KYHOUSEBILL@DUKE-ENERGY.COM)

CINCINNATI BELL TELEPHONE (UNDERGROUND)  
221 EAST 4TH STREET, BLDG. 121-900  
CINCINNATI, OHIO 45201  
513-566-3154 (DERRICK BROWN)  
(PLEASE SEND ALL UTILITY PLAN REVIEWS TO THIS ADDRESS: ROADPROJECTS@CINBELL.COM)

CINCINNATI BELL TELEPHONE (AERIAL)  
209 WEST 7TH STREET, BLDG. 121-900  
CINCINNATI, OHIO 45202  
513-565-6014 (ROBERT STROCHINSKY)  
(PLEASE SEND ALL UTILITY PLAN REVIEWS TO THIS ADDRESS: ROADPROJECTS@CINBELL.COM)

CHARTER COMMUNICATIONS/SPECTRUM  
10920 KENWOOD ROAD  
BLUE ASH, OHIO 45242  
(SEND ALL PLANS/CORRESPONDENCE TO EMAIL BOX FOR DISTRIBUTION: DL-SOUTHERN-OHIO-OUTSIDE-PLANT@CHARTER.COM)

CLERMONT COUNTY WATER RESOURCES DEPARTMENT  
4400 HASKELL LANE  
BATAVIA, OHIO 45103  
513-479-4031 (TIM CHERRY)  
TCHERRY@CLERMONTCOUNTYOHIO.GOV

CLERMONT COUNTY ENGINEER'S OFFICE  
2381 CLERMONT CENTER DRIVE  
BATAVIA, OHIO 45103  
513-732-8857 (JEREMY EVANS)  
JPEVANS@CLERMONTCOUNTYOHIO.GOV

MCI/VERIZON  
120 RAVINE STREET  
AKRON, OHIO 44303  
513-614-0819 (MARCUS ROOF)  
MARCUS.ROOF@VERIZONBUSINESS.COM  
MARCUS.ROOF@VERIZON.COM

DESIGN AGENCY



DESIGNER

JED

REVIEWER

JDO

PROJECT ID

112408

SHEET TOTAL

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**809 ADVANCE RADAR DETECTION, AS PER PLAN**

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING A WAVETRONIX SMARTSENSOR ADVANCE DETECTION UNIT (MODEL SS-200E). THE DETECTION UNIT SHALL INCLUDE THE FOLLOWING:

1. POWER SHALL BE PROVIDED FROM THE TRAFFIC CABINET.
2. ALL REQUIRED INPUTS CARDS SHALL BE INCLUDED IN THE TRAFFIC CABINET AND SHALL BE COMPATIBLE WITH CALTRANS, NEMA TS1 AND NEMA TS2 DETECTOR RACKS. THE CARDS SHALL PROVIDE TRUE PRESENCE DETECTOR CALLS OR CONTACT CLOSURE TO THE TRAFFIC CONTROLLER.
3. THE UNIT SHALL BE MOUNTED DIRECTLY TO A POLE OR MAST ARM, AS RECOMMENDED BY THE MANUFACTURER. CABLE(S) SHALL BE PROVIDED AS REQUIRED AND RECOMMENDED BY THE MANUFACTURER.
4. SURGE PROTECTION DEVICES, AS RECOMMENDED BY THE MANUFACTURER SHALL BE INCLUDED BOTH AT THE POLE WHERE THE UNIT IS LOCATED TO PROTECT THE UNIT AND IN THE TRAFFIC CABINET TO PROTECT THE CABINET ELECTRONICS.
5. THE MANUFACTURER'S REPRESENTATIVE SHALL BE ON SITE DURING INSTALLATION AND TESTING AND SHALL PROVIDE ONSITE TRAINING ON THE SETUP, OPERATION AND MAINTENANCE OF THE UNIT.
6. A SERIAL TO ETHERNET COMMUNICATIONS MODULE AND ETHERNET CABLE (MINIMUM 7 FEET).
7. THE POWER SUPPLY AND COMMUNICATION MODULES SHALL BE SECURED TO A SINGLE PANEL THAT CAN BE MOUNTED INTERIOR TO THE TRAFFIC CABINET. THE PANEL SHALL INCLUDE MODULAR-PLUG STYLE CONNECTIONS FOR UP TO FOUR (4) SENSOR CABLES. ADDITIONAL SENSORS MAY BE HARD-WIRED TO THE COMMUNICATION MODULES, AS NECESSARY.
8. THE CONTRACTOR SHALL INSTALL THE RADAR DETECTION PRIOR TO MILLING/DISABLING EXISTING LOOPS.
9. THE INSTALLATION SHALL INCLUDE ALL CONTROLLER PROGRAMMING FOR COMPLETE INSTALLATION, WHICH INCLUDES MODIFICATIONS FOR REMOVAL OF EXISTING DETECTION.
10. UNLASHING AND RELASHING OF THE SIGNAL SPAN TO INSTALL THE NECESSARY CABLING.
11. DISCONNECT ALL LOOP LEAD-IN CABLE AND REMOVE AND DISPOSE OF IT FROM ALL PULL BOXES, CONDUITS, AND THE CABINET AFTER IT IS CONFIRMED THAT THE RADAR UNITS ARE WORKING. EXISTING PULL BOXES AND CONDUITS SHALL REMAIN IN PLACE.

PAYMENT FOR ITEM 809 ADVANCE RADAR DETECTION, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH UNIT, COMPLETE AND IN PLACE INCLUDING ALL REQUIRED CABINET HARDWARE, MOUNTING BRACKETS, CABLES, CONDUIT, CONNECTIONS TESTED AND ACCEPTED, AND ANY OTHER NECESSARY HARDWARE TO ESTABLISH A FULLY FUNCTIONAL DETECTION SYSTEM.

SR 125 @ LORI LANE/HICKS LANE/KROGERS 2 EACH

**809 STOP-LINE RADAR DETECTION, AS PER PLAN**

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING A WAVETRONIX SMARTSENSOR MATRIX DETECTION UNIT. THE DETECTION UNIT SHALL INCLUDE THE FOLLOWING:

1. POWER SHALL BE PROVIDED FROM THE TRAFFIC CABINET.
2. ALL REQUIRED INPUTS CARDS SHALL BE INCLUDED IN THE TRAFFIC CABINET AND SHALL BE COMPATIBLE WITH CALTRANS, NEMA TS1 AND NEMA TS2 DETECTOR RACKS. THE CARDS SHALL PROVIDE TRUE PRESENCE DETECTOR CALLS OR CONTACT CLOSURE TO THE TRAFFIC CONTROLLER.
3. THE UNIT SHALL BE MOUNTED DIRECTLY TO A POLE OR MAST ARM, AS RECOMMENDED BY THE MANUFACTURER. CABLE(S) SHALL BE PROVIDED AS REQUIRED AND RECOMMENDED BY THE MANUFACTURER.
4. SURGE PROTECTION DEVICES, AS RECOMMENDED BY THE MANUFACTURER SHALL BE INCLUDED BOTH AT THE POLE WHERE THE UNIT IS LOCATED TO PROTECT THE UNIT AND IN THE TRAFFIC CABINET TO PROTECT THE CABINET ELECTRONICS.
5. THE MANUFACTURER'S REPRESENTATIVE SHALL BE ON SITE DURING INSTALLATION AND TESTING AND SHALL PROVIDE ONSITE TRAINING ON THE SETUP, OPERATION AND MAINTENANCE OF THE UNIT.
6. A SERIAL TO ETHERNET COMMUNICATIONS MODULE AND ETHERNET CABLE (MINIMUM 7 FEET).
7. THE POWER SUPPLY AND COMMUNICATION MODULES SHALL BE SECURED TO A SINGLE PANEL THAT CAN BE MOUNTED INTERIOR TO THE TRAFFIC CABINET. THE PANEL SHALL INCLUDE MODULAR-PLUG STYLE CONNECTIONS FOR UP TO FOUR (4) SENSOR CABLES. ADDITIONAL SENSORS MAY BE HARD-WIRED TO THE COMMUNICATION MODULES, AS NECESSARY.
8. THE INSTALLATION SHALL INCLUDE ALL CONTROLLER PROGRAMMING FOR COMPLETE INSTALLATION, WHICH INCLUDES MODIFICATIONS FOR REMOVAL OF EXISTING DETECTION.
9. UNLASHING AND RELASHING OF THE SIGNAL SPAN TO INSTALL THE NECESSARY CABLING.
10. DISCONNECT ALL LOOP LEAD-IN CABLE AND REMOVE AND DISPOSE OF IT FROM ALL PULL BOXES, CONDUITS, AND THE CABINET AFTER IT IS CONFIRMED THAT THE RADAR UNITS ARE WORKING. EXISTING PULL BOXES AND CONDUITS SHALL REMAIN IN PLACE.

PAYMENT FOR ITEM 809 STOP-LINE RADAR DETECTION, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH UNIT, COMPLETE AND IN PLACE INCLUDING ALL REQUIRED CABINET HARDWARE, MOUNTING BRACKETS, CABLES, CONDUIT AND CONNECTIONS TESTED AND ACCEPTED.

SR 125 @ LORI LANE/HICKS LANE/KROGERS 4 EACH

**632 LOOP DETECTOR**

- SR 125 @ CHAPEL RD./OAK ST./JENNY LIND RD. 5 EACH
- SR 125 @ S. KLINE AVE 1 EACH
- SR 125 @ CECELIA DR./HUNTSMAN TRACE 6 EACH
- SR 125 @ WALMART/MARTIN DR. 1 EACH
- SR 125 @ MT. HOLLEY LINDALE RD. 6 EACH

**632 LOOP DETECTOR TIE-IN**

- SR 125 @ CHAPEL RD./OAK ST./JENNY LIND RD. 5 EACH
- SR 125 @ S. KLINE AVE 1 EACH
- SR 125 @ CECELIA DR./HUNTSMAN TRACE 6 EACH
- SR 125 @ WALMART/MARTIN DR. 1 EACH
- SR 125 @ MT. HOLLEY LINDALE RD. 6 EACH

**ADA WAIVER**

AN APPROVED ADA DESIGN WAIVER IS REQUIRED ON THIS PROJECT. THE FOLLOWING FEATURES LISTED BELOW CANNOT FEASIBLY BE CONSTRUCTED TO MEET ADA GUIDELINES.

ADA DESIGN WAIVER				
ADA FEATURE	APPROVAL DATE	SHEET NUMBERS		
CLE-125-6.747	RMP0007704	7/9/21	SHEET 20	CLEVELAND STREET (SOUTH RAMP)
CLE-125-6.236	RMP0007705	7/9/21	SHEET 19	CHURCH STREET (NORTH SIDE RAMP)
CLE-125-6.133	RMP0007706	7/9/21	SHEET 19	FLORAL AVE (SOUTH SIDE RAMP)
CLE-125-6.740	RMP0007707	7/9/21	SHEET 20	CLEVELAND STREET (NORTH RAMP)
CLE-125-6.095	RMP0007708	7/9/21	SHEET 19	HOPKINS AVE (NORTH SIDE RAMP) NO PROPOSE WORK. JUST WAIVER
CLE-125-6.032	RMP0007709	7/9/21	SHEET 18	KLINE AVE (SOUTH SIDE RAMP)


**CROSSWALK LINES**

ALL CROSSWALKS SHALL BE UPGRADED TO HIGH VISIBILITY CROSSWALKS PER SCD 74.10 EXCEPT CROSSWALKS AT THE INTERSECTION OF WOODLANDS DRIVE.

ITEM 850 GROOVING FOR 4" RECESSED PAVEMENT MARKING, (ASPHALT), AS PER PLAN:

FOR DOUBLE SOLID AND DOUBLE SOLID/DASHED CENTER LINES, THE DEPARTMENT WILL MEASURE THE LENGTH OF EACH INDIVIDUAL GROOVE LINE. FOR EXAMPLE, A DOUBLE SOLID CENTER LINE SHALL BE MEASURED AS 2 SEPARATE GROOVE LINES.

DESIGN AGENCY



DESIGNER  
JED

REVIEWER  
JDO

PROJECT ID  
112408

SHEET TOTAL  
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**ITEM 614 MAINTAINING TRAFFIC**

ALL LANES OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE TIMES NOTE, 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 EVENTS:

CHRISTMAS	FOURTH OF JULY
NEW YEAR'S	LABOR DAY
MEMORIAL DAY	THANKSGIVING
EASTER	

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR EVENT TIME ALL LANES MUST BE OPEN TO TRAFFIC

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

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$70 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 BPERMITTED. 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.

**PERMITTED LANE CLOSURE TIMES**

SHORT TERM LANE CLOSURES ARE THOSE WHICH ARE PERMITTED BY THE PERMITTED LANE CLOSURE NOTE. THESE TIMES SHALL NOT BE REVISED WITHOUT PRIOR APPROVAL FROM THE DISTRICT 8 WORK ZONE TRAFFIC CONTROL MANAGER. SHORT TERM LANE CLOSURES SHALL ONLY BE IMPLEMENTED WHEN WORK IS BEING CONTINUOUSLY PERFORMED IN THE LANE. THE CLOSURE SHALL BE REMOVED AS SOON AS POSSIBLE AFTER WORK HAS STOPPED. PERMITTED LANE CLOSURES SHALL ONLY BE ALLOWED DURING THE TIMES SPECIFIED IN THE LANE VALUE CONTRACT TABLE INCLUDED IN THESE PLANS. NO LANE OR SHOULDER CLOSURE SHALL BE IN PLACE WHEN NO WORK IS BEING PERFORMED.

**LANE VALUE CONTRACT TABLE**

DESCRIPTION OF CRITICAL LANE/RAMP TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT PER LANE
CLE-125 EASTBOUND: ALL LANES OPEN TO TRAFFIC (SEE NOTE 1)	12:00PM - 8:00PM	1 MINUTE	\$70
CLE-125 WESTBOUND: ALL LANES OPEN TO TRAFFIC (SEE NOTE 1 AND NOTE 2)	6:00AM-7:00PM	1 MINUTE	\$70

1. DURING NON-RESTRICTED TIMES, MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION AT ALL TIMES.
2. FOR RECONSTRUCTION OF THE CATCH BASINS/INLETS ONLY, MODIFY THE RESTRICTED TIME PERIOD TO 5AM TO 1PM.

**NOTIFICATION OF TRAFFIC RESTRICTIONS**

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

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

**NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE**

ITEM DURATION OF NOTICE DUE TO CLOSURE PERMITS & PIO

RAMP & ROAD CLOSURES >= 2 WEEKS 21 CALENDAR DAYS PRIOR TO CLOSURE

> 12 HOURS 14 CALENDAR DAYS  
& < 2 WEEKS PRIOR TO CLOSURE

<= 12 HOURS 4 CALENDAR DAYS  
PRIOR TO CLOSURE

LANE CLOSURES & RESTRICTIONS >= 2 WEEKS 14 CALENDAR DAYS PRIOR TO CLOSURE

< 2 WEEKS 5 BUSINESS DAYS  
PRIOR TO CLOSURE

START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES N/A 14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

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

**PLACEMENT OF ASPHALT CONCRETE**

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

**FLOODLIGHTING**

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

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

**ITEM 614- WORK ZONE MARKINGS**

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

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

SR 125 WORK ZONE MARKINGS FOR INTERMEDIATE PAVEMENT

TEM 614-WORK ZONE LANE LINE, CLASS I, 807 PAINT -	7.4 MILES
ITEM 614-WORK ZONE CENTER LINE, CLASS I, 807 PAINT -	8.72 MILES
ITEM 614-WORK ZONE EDGE LINE, CLASS I, 807 PAINT -	7.64 MILES
ITEM 614-WORK ZONE 8" CHANNELIZING LINE, CLASS I, 807 PAINT -	2600 FEET
ITEM 614-WORK ZONE STOP LINE, CLASS I, 642 PAINT -	698 FEET
ITEM 614-WORK ZONE CROSS WALK LINE, CLASS I, 642 PAINT -	1821 FEET
ITEM 614-WORK ZONE LANE ARROWS, CLASS I, 642 PAINT -	88 EACH

SR 125 WORK ZONE MARKINGS FOR SURFACE PAVEMENT

ITEM 614-WORK ZONE LANE LINE, CLASS I, 807 PAINT -	7.4 MILES
ITEM 614-WORK ZONE CENTER LINE, CLASS I, 807 PAINT -	8.72 MILES
ITEM 614-WORK ZONE EDGE LINE, CLASS I, 807 PAINT -	7.64 MILES
ITEM 614-WORK ZONE 8" CHANNELIZING LINE, CLASS I, 807 PAINT -	2600 FEET
ITEM 614-WORK ZONE STOP LINE, CLASS I, 642 PAINT -	698 FEET
ITEM 614-WORK ZONE CROSS WALK LINE, CLASS I, 642 PAINT -	1821 FEET
ITEM 614-WORK ZONE LANE ARROWS, CLASS I, 642 PAINT -	88 EACH

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REVIEWER  
JDO

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SHEET NUM.													PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
3	4	5	5A	8	9	10	11	12	13	14	01/NHS/PV	02/NHS/CV	03/NHS/BR								
<b>TRAFFIC CONTROL</b>																					
923											923			621	00100	923	EACH	RPM			
923											923			621	54000	923	EACH	RAISED PAVEMENT MARKER REMOVED			
														644	00500	730	FT	STOP LINE			
														644	00600	2,261	FT	CROSSWALK LINE			
														644	00700	180	FT	TRANSVERSE/DIAGONAL LINE			
														644	00900	40	SF	ISLAND MARKING			
														644	01110	4	EACH	SCHOOL SYMBOL MARKING, 96"			
														644	01300	92	EACH	LANE ARROW			
														644	01410	1	EACH	WORD ON PAVEMENT, 96"			
														807	13010	7.64	MILE	WET REFLECTIVE SPRAY THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6"			
														807	3110	7.64	MILE	WET REFLECTIVE SPRAY THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6"			
														807	13200	5.89	MILE	WET REFLECTIVE SPRAY THERMOPLASTIC PAVEMENT MARKING, CENTER LINE			
														807	10310	2,600	FT	WET REFLECTIVE TRAFFIC PAINT CHANNELIZING LINE, 12"			
														850	10001	11.78	MILE	GROOVING FOR 4" RECESSED PAVEMENT MARKING, (ASPHALT), AS PER PLAN	4		
														850	10010	15.28	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)			
														850	10130	2,600	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT)			
<b>TRAFFIC SIGNALS</b>																					
	19													632	26500	19	EACH	DETECTOR LOOP	4		
	19													632	27200	19	EACH	LOOP DETECTOR TIE IN	4		
	2													809	69001	2	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	4		
	4													809	69101	4	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	4		
<b>STRUCTURE REPAIR (CLE-SR 125-5.94 SFN 1302100)</b>																					
	25												25	519	11100	25	SF	PATCHING CONCRETE STRUCTURE			
	30												30	602	97000	30	SF	MASONRY, MISC.: REPOINTING STONE MASONRY, 0"-2" DEEP	3		
	5												5	602	98200	5	CY	MASONRY, MISC.: REPOINTING STONE MASONRY, MORE THAN 2" DEEP	3		
<b>MAINTENANCE OF TRAFFIC</b>																					
														614	20056	14.8	MILE	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT			
														614	21050	17.44	MILE	WORK ZONE CENTER LINE, CLASS I, 807 PAINT			
														614	22056	15.28	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT			
														614	23100	5,200	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 807 PAINT			
														614	26290	1,396	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT			
														614	27200	3,642	FT	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT			
														614	30200	176	EACH	WORK ZONE ARROW, CLASS I, 642 PAINT			
														614	11110	650	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE			
<b>INCIDENTALS</b>																					
														LUMP	LUMP	LUMP	614	11000	LS	MAINTAINING TRAFFIC	
														LUMP	LUMP	LUMP	623	10001	LS	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	3
														LUMP	LUMP	LUMP	624	10000	LS	MOBILIZATION	

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PART	COUNTY-ROUTE	LOG POINT (MILE)		TOTAL MILE	807				850			644										REMARKS
					WET REFLECTIVE THERMOPLASTIC MARKING EDGE LINE 6"	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LANE LINE 6"	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING CENTER LINE 4"	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING CHANNELIZING LINE 12"	GROOVING FOR 4" RECESSED PAVEMENT MARKING, APP	GROOVING FOR 6" RECESSED PAVEMENT MARKING	GROOVING FOR 12" RECESSED PAVEMENT MARKING	STOP LINE 24"	24" TRANSVERSE/DIAGONAL LINE	CROSS WALK LINES 24"	ISLAND MARKING	SCHOOL 96"	LANE ARROWS			WORD ON PAVEMENT		
																	WHITE MILE	DASHED MILE	SOLID MILE		WHITE FT	
01/STR/PV	CLE-125	5.13	7.61	2.48	4.96	4.96	3.21	1080	6.42	9.92	1080	530	76	1138		4	35	11	4	4	1	OMIT SECTION 5.50-5.64 SLM EXCEPT FOR GROOVING AND WET REFLECTIVE MARKINGS
01/STR/PV	CLE-125	7.61	8.95	1.34	2.68	2.68	2.68	1520	5.36	5.36	1520	168	104	683	40		34					
TOTALS CARRIED TO GENERAL SUMMARY					7.64	7.64	5.89	2600	11.78	15.28	2600	698	180	1821	40	4	88				1	

PAVEMENT MARKINGS

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