STATE OF OHIO DEPARTMENT OF TRANSPORTATION

CLE-SR 125-5.13

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LOCATION MAP

PORTION TO BE IMPROVED		
INTERSTATE HIGHWAY	······································	
FEDERAL ROUTES		
STATE ROUTES		
COUNTY & TOWNSHIP ROAD	S	
OTHER ROADS		

SEE SHEET 2

DESIGN DESIGNATION

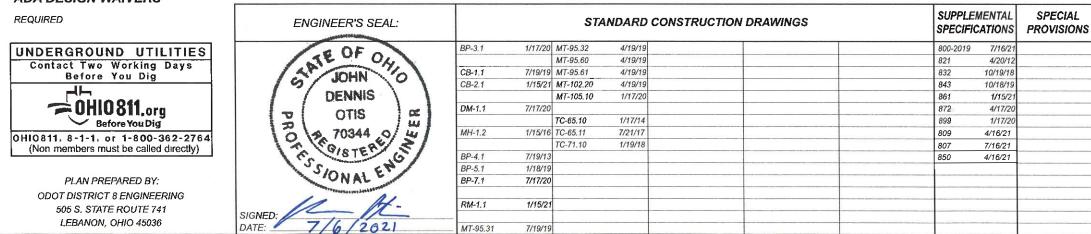
	3.35-5.09	5.09-5.89	5.89-6.99	6.99-7.31	7.31-8.89	8.89-9.11	9.11-10.35
CURRENT ADT (2022)	26,500	28,000	23,500	20,500	16,500	23,000	22,500
DESIGN YEAR ADT (2034)	27,000	28,500	24,000	21,000	16,500	27,500	25,500
DESIGN HOURLY VOLUME (2034)	2,700	2,600	2,200	2,100	1,600	2,800	2,600
DIRECTIONAL DISTRIBUTION	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)							

03 PRINCIPAL ARTERIAL (URBAN) NHS PROJECT ______YES

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS



CLE-SR 125-5.13 MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 778/2021 TIME: 9:34:04 AM USER: jdavle4 monthologic-exceedingeon-ex-021Documents/01 Active Projects/District 080Clement/112408400-EngineeringR

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 PROJEC	ITLE SHEET
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.

APPROVED, Tam Kleybell DATE 7/6/2021 DISTRICT DEPUTY DIRECTOR

APPROVED _ DATE _____

DIRECTOR, DEPARTMENT OF TRANSPORTATION DESIGN AGENCY



DESIGNER	
J	ED
REV	IEWER
JDO	-
PROJECTI	D
11:	2408
SHEET	TOTAL
P.1	22

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	DESIG	N WAIVER		
ADA F	EATURE	APPR	OVAL DATE	SHEET NUN	IBERS
CLE-125-6.747 CLE-125-6.236 CLE-125-6.133 CLE-125-6.740 CLE-125-6.095 CLE-125-6.032	RMP000 RMP000 RMP000 RMP000 RMP000 RMP000	7705 7706 7707 7708	7/9/21 7/9/21 7/9/21 7/9/21 7/9/21 7/9/21	SHEET 20 SHEET 19 SHEET 19 SHEET 20 SHEET 19 SHEET 18	CLEVELAND STREET CHURCH STREET FLORAL AVE CLEVELAND STREET HOPKINS AVE KLINE AVE

ALL CROSSWALKS SHALL BE UPGRADED TO HIGH VISIBILITY EXCEPT CROSSWALKS AT THE INTERSECTION OF WOODLANDS DR.

(SOUTH RAMP) (NORTH SIDE RAMP) (SOUTH SIDE RAMP) (NORTH RAMP) (NORTH SIDE RAMP) NO PROPOSE WORK. JUST WAIVER (SOUTH SIDE RAMP)



GENERAL NOTE

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 LIGHT).

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 OLIAI JEVING 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.

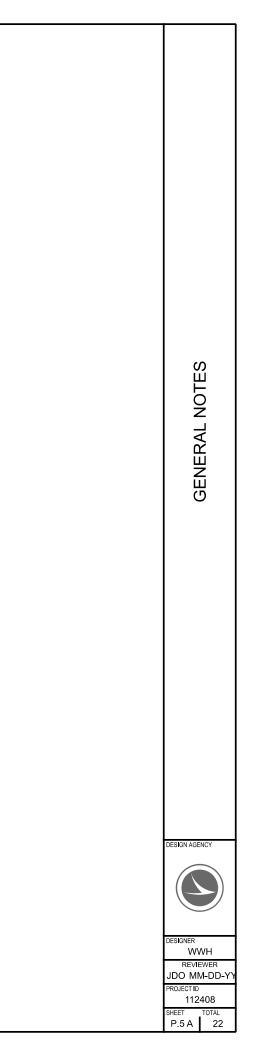
THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE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

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>650 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.

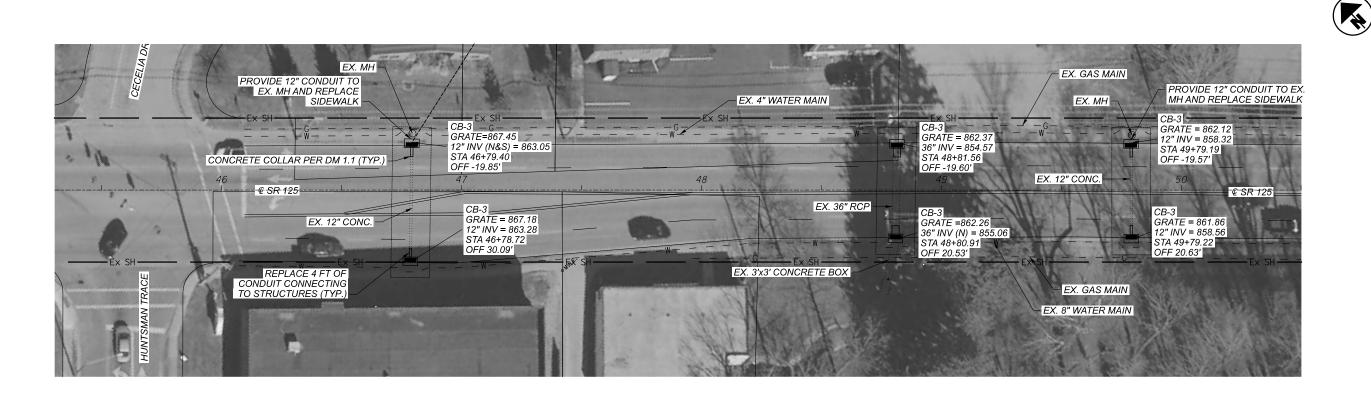


 		1		SHEE	T NUM.	1			,		PART.	1	ITEM	ITEM	GRAND	UNIT	
3	4	5	8	9	10	11	12	13	14	01/NHS/PV	02/NHS/CV	03/NHS/BR		EXT	TOTAL		
									5,769	5,769			202	30000	5,769	SF	WALK REMOVED
									521	521			202	32000	521	FT	CURB REMOVED
 10									307	307			202	32500	307	FT	
12			16	16	12	12				12	56		202 202	38000 35100	12 56	FT FT	GUARDRAIL REMOVED PIPE REMOVED, 24" AND UNDER
			8			14					22		202	35200	22	FT	PIPE REMOVED, OVER 24"
						97					97		SPECIAL	20270120	97	FT	PIPE CLEANOUT, 27" TO 48"
			6	4	3						13		202	58100	13	EACH	
 			50	25	25						100		202	30000	100	SF	WALK REMOVED
			50	25	25				1,792	1,792	100		608	10000	1,892	SF	4" CONCRETE WALK
									3,804	3,804			608	52000	3,804	SF	CURB RAMP
									5	 5			659	00300	5	СҮ	TOPSOIL
									12	 12			659	10000	12	SY	SEEDING AND MULCHING
			16	16	12						44		611	04400	44	FT	12" CONDUIT, TYPE B
			10	10	12	12					12		611	05900	12	FT	15" CONDUIT, TYPE B
			8								8		611	16400	8	FT	36" CONDUIT, TYPE B
						14					14		611	19400	14	FT	42" CONDUIT, TYPE B
						97					97		899	10000	97	FT	CURED-IN-PLACE PIPE LINER, 42" CMP
			6	4	3						13		611	98160	13	EACH	CATCH BASIN, NO. 3 WITH DIAGONAL G
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 12 11										12 11			611 611	98630 99654	12 11	EACH EACH	CATCH BASIN ADJUSTED TO GRADE MANHOLE ADJUSTED TO GRADE
11						1					1		611	99574	1	EACH	MANHOLE, NO. 3
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							1,317			 1,317			254	01600	1,317	SY	PATCHING PLANED SURFACE
							19,744 11,873			 19,744 11,873			407 442	20000 00100	19,744 11,873	GAL CY	NON-TRACKING TACK COAT ANTI-SEGREGATION EQUIPMENT
							5,485		50	5,485			442	10000	5,485	CY	ASPHALT CONCRETE SURFACE COURS
									50 153	 50 153			609 609	12000 26000	50 153	FT FT	COMBINATION CURB AND GUTTER, TYP CURB, TYPE 6
							66			66			617	10100	66	CY	COMPACTED AGGREGATE
							1,572			1,572			617	20000	1,572	SY	SHOULDER PREPARATION
							2		5	7			617	25000	7	MGAL	WATER
							6,398			6,398			861	11100	6,398	CY	ASPHALT CONCRETE INTERMEDIATE C
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DESCRIPTION	SEE SHEET NO.	
ROADWAY		
	11	
EROSION CONTROL		
		ARY
DRAINAGE		GENERAL SUMMARY
P		ERAL (
GRATE		GENI
DE		
PAVEMENT		
RETE, 3.25"		
RSE, 12.5 MM, TYPE A (446) YPE 2		
COURSE, 12.5 MM, TYPE A (4 46)		
		DESIGN AGENCY
		DESIGNER JED REVIEWER JDO
		PROJECT ID 112408 SHEET TOTAL P.6 22

				SHEE	F NUM.							PART.		ITEM	ITEM	GRAND	UNIT	
3	4	5	5A	8	9	10	11	12	13	14	01/NHS/PV	02/NHS/CV	03/NHS/BR		EXT	TOTAL		
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923											923			621	54000	923	EACH	RAISED PAVEMENT MARKER REMOVED
									730 2,261		730 2,261			644 644	00500	730 2,261	FT FT	STOP LINE CROSSWALK LINE
									180		180			644	00700	180	FT	TRANSVERSE/DIAGONAL LINE
									40		40			644	00900	40	SF	ISLAND MARKING
									40		40			644 644	00900	40	EACH	SCHOOL SYMBOL MARKING, 96"
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		4,720 1,396									4,720 1,396			614 614	23200 26200	4,720 1,396	FT FT	WORK ZONE CHANNELIZING LINE, CLASS I, WORK ZONE STOP LINE, CLASS I, 642 PAINT
		1,590									1,550			014	20200	1,550		
		3,642 176									3,642 176			614 614	27200 30200	3,642 176	FT EACH	WORK ZONE CROSSWALK LINE, CLASS I, 64 WORK ZONE ARROW, CLASS I, 642 PAINT
		170	650								650			614	11110	650	HOUR	LAW ENFORCEMENT OFFICER WITH PARTOL
											LUMP LUMP	LUMP LUMP	LUMP LUMP	614 623	11000 10001	LS LS		MAINTAINING TRAFFIC CONSTRUCTION LAYOUT STAKES AND SURV
 											LUMP	LUMP	LUMP	623	10001	LS		MOBILIZATION
				1										1	ł	1	1	

DESCRIPTION SEE SHEET NO. DESCRIPTION SEE SHEET NO. DESCRIPTION SEE SHEET NO. SHEET NO			
TIC PAVEMENT MARKING, EDGE LINE, 6" TIC PAVEMENT MARKING, LANE LINE, 6" TIC PAVEMENT MARKING, CENTER LINE NELIZING LINE, 12" TT MARKING, (ASPHALT) TT TRAFFIC SIGNALS PLAN 4 PLAN 4 REPAR (CLE-SR 125-5.13 BRIDGE NO. 0594) TH TROWELABLE MORTAR MAINTENANCE OF TRAFFIC PAINT 2 PAIN	DESCRIPTION		
TIC PAVEMENT MARKING, EDGE LINE, 6" TIC PAVEMENT MARKING, LANE LINE, 6" TIC PAVEMENT MARKING, CENTER LINE NELIZING LINE, 12" TT MARKING, (ASPHALT) TT TRAFFIC SIGNALS PLAN 4 PLAN 4 REPAR (CLE-SR 125-5.13 BRIDGE NO. 0594) TH TROWELABLE MORTAR MAINTENANCE OF TRAFFIC PAINT 2 PAIN			
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2 PAINT 2 PAINT 2 PAINT 2 PAINT 2 PAINT 3 I, 642 PAINT 1, 642 PAINT 1, 642 PAINT 1 T T T T T T STOL CAR FOR ASSISTANCE SURVEYING, AS PER PLAN 3 DESIGN AGENCY DESIGN AGENCY DESIGNER JED REVIEWER JDO REVIEWER JDO REVIEWER JDO REVIEWER JDO	TH TROWELABLE MORTAR		
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INCIDENTALS			
SURVEYING, AS PER PLAN	TOL CAR FOR ASSISTANCE		
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REVIEWER JDO PROJECT ID 112408			
PROJECT ID 112408			
SHEET TOTAL			JDO
P.7 22			PROJECT ID



EXISTING STRUCTURE		EXISTING STRUCTURE]	EXISTING STRUCTURE		
CRS	CLE-125-06.38		CRS	CLE-125-06.41		CRS	CLE-125-06.43
TYPE	CONCRETE		TYPE	CONCRETE		TYPE	CONCRETE
CFN	1845649		CFN	1845650		CFN	1845651
SIZE	12"		SIZE	36″		SIZE	12"
SKEW	0°		SKEW	0°		SKEW	0°
ALIGNMENT	TANGENT		ALIGNMENT	TANGENT		ALIGNMENT	TANGENT
DATE BUILT	1950		DATE BUILT	1950		DATE BUILT	1950
CONDITION	GOOD		CONDITION	VERY GOOD		CONDITION	GOOD
LATITUDE	39.02561		LATITUDE	39.025151		LATITUDE	39.025047
LONGITUDE	-84.214153		LONGITUDE	-84.213794		LONGITUDE	-84.213366

<u>NOTES:</u>

ITEM

202

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608

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REPLACE DRAINAGE STRUCTURES DEPICTED ON THIS SHEET BY PERFORMING THE FOLLOWING WORK:

- 1. REMOVE EXISTING CATCH BASINS.
- 2. INSTALL NEW CATCH BASINS.

3. REPLACE 4 FT OF EXISTING CONDUIT AT EACH STRUCTURE BEING REPLACED.

4. CONNECT CONDUIT TO NEW STRUCTURES OR TO EXISTING STRUCTURES WHERE EXISTING STRUCTURE IS TO REMAIN.

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CLE-SR 125-5.13	PAPERSIZE: 17×11 (in.)	pw.bentley.com;ohiod
CLE-SF	MODEL: Sheet	pw://ohiodot-

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PROJECT EARTH DISTURBED AREA: ESTIMATED CONTRACTOR EARTH DISTRUBED AREA: NOTICE OF INTENT EARTH DISTURBED AREA:

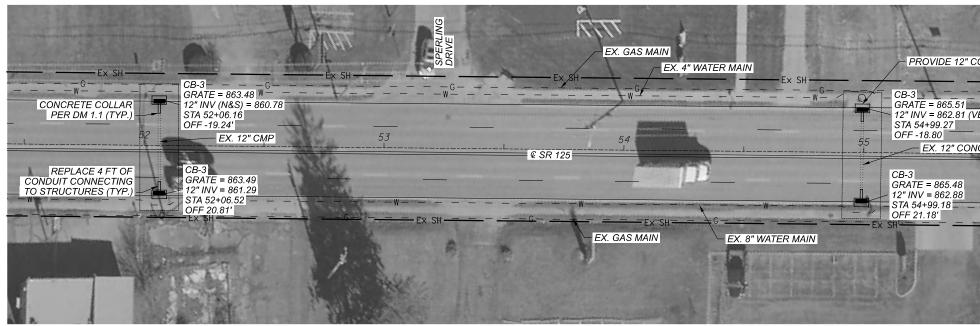
0.06 ACRES 0.0 ACRES NO NOI REQUIRED 1. PRIOR TO REMOVING DRAINAGE STRUCTURES, CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF EXISTING WATER MAIN AND EXISTING GAS MAIN.

2. WHERE CONDUIT IS TO BE REPLACED UNDER EXISTING ASPHALT PAVEMENT, AN ASPHALT REPAIR QUANTITY HAS BEEN INCLUDED AS 1 CY PER LOCATION. PAVEMENT SECTION IS TO MATCH EXISTING PAVEMENT SECTION.

3. WHERE CONDUIT IS TO BE CONNECTED TO EXISTING MANHOLE WITHIN AN EXISTING CONCRETE WALK, A CONRETE WALK REMOVAL AND 4" CONCRETE WALK QUANTITY HAS BEEN INCLUDED AS 25 SF PER LOCATION ASSUMING A 5 FT x FT WALK SECTION IT TO BE REMOVED AND REPLACED.

	ESTIMATED QUANTITIES					
TOTAL	UNIT	DESCRIPTION				
16	FT	PIPE REMOVED, 24" AND UNDER				
8	FT	PIPE REMOVED, OVER 24"				
6	EA	CATCH BASIN REMOVED				
50	SF	WALK REMOVED				
6	CY	PAVEMENT REPAIR				
50	SF	4" CONCRETE WALK				
6	ΕA	CATCH BASIN, NO. 3 WITH DIAGONAL GRATE				
16	FT	12" CONDUIT, TYPE B				
8	FT	36" CONDUIT, TYPE B				





EXISTING ST	RUCTURE	EXISTING STRUCTURE	
CRS	CLE-125-06.48	CRS	CLE-125-06.53
TYPE	CMP	TYPE	CONCRETE
CFN	1845652	CFN	1845653
SIZE	12"	SIZE	12"
SKEW	0°	SKEW	0°
ALIGNMENT	TANGENT	ALIGNMENT	TANGENT
DATE BUILT	1950	DATE BUILT	N/A
CONDITION	POOR	CONDITION	GOOD
LATITUDE	39.024629	LATITUDE	39.024066
LONGITUDE	-84.212749	LONGITUDE	-84.212004

NOTES:

REPLACE DRAINAGE STRUCTURES DEPICTED ON THIS SHEET BY PERFORMING THE FOLLOWING WORK:

- 1. REMOVE EXISTING CATCH BASINS.
- 2. INSTALL NEW CATCH BASINS.
- 3. REPLACE 4 FT OF EXISTING CONDUIT AT EACH STRUCTURE BEING REPLACED.
- 4. CONNECT CONDUIT TO NEW STRUCTURES OR TO EXISTING STRUCTURES WHERE EXISTING STRUCTURE IS TO REMAIN.

ITEM	ΤΟΤΑΙ
202	16
202	4
202	25
253	4
608	25
611	4
611	16

PROJECT EARTH DISTURBED AREA: ESTIMATED CONTRACTOR EARTH DISTRUBED AREA: NOTICE OF INTENT EARTH DISTURBED AREA:

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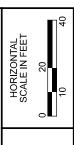
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1. PRIOR TO REMOVING DRAINAGE STRUCTURES, CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF EXISTING WATER MAIN AND EXISTING GAS MAIN.

2. WHERE CONDUIT IS TO BE REPLACED UNDER EXISTING ASPHALT PAVEMENT, AN ASPHALT REPAIR QUANTITY HAS BEEN INCLUDED AS 1 CY PER LOCATION. PAVEMENT SECTION IS TO MATCH EXISTING PAVEMENT SECTION.

3. WHERE CONDUIT IS TO BE CONNECTED TO EXISTING MANHOLE WITHIN AN EXISTING CONCRETE WALK, A CONRETE WALK REMOVAL AND 4" CONCRETE WALK QUANTITY HAS BEEN INCLUDED AS 25 SF PER LOCATION ASSUMING A 5 FT x FT WALK SECTION IT TO BE REMOVED AND REPLACED.

	ESTI	MATED QUANTITIES
-	UNIT	DESCRIPTION
	FT	PIPE REMOVED, 24" AND UNDER
	ΕA	CATCH BASIN REMOVED
	SF	WALK REMOVED
	СҮ	PAVEMENT REPAIR
	SF	4" CONCRETE WALK
	ΕA	CATCH BASIN, NO. 3 WITH DIAGONAL GRATE
	FT	12" CONDUIT, TYPE B



REVIEWER

112408 SHEET

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JDO

ROJECT I

DRAINAGE STRUCTURES STA 52+06 TO 54+99



EXISTING ST	RUCTURE	EXISTING ST	RUCTURE
CRS	CLE-125-06.81	CRS	CLE-125-06.89
TYPE	CONCRETE	TYPE	PLASTIC
CFN	1983158	CFN	1985737
SIZE	12"	SIZE	12"
SKEW	0°	SKEW	0°
ALIGNMENT	TANGENT	ALIGNMENT	TANGENT
DATE BUILT	N/A	DATE BUILT	N/A
CONDITION	GOOD	CONDITION	GOOD
LATITUDE	39.021386	LATITUDE	39.020504
LONGITUDE	-84.208346	LONGITUDE	-84.207223

REPLACE DRAINAGE STRUCTURES DEPICTED ON THIS SHEET BY PERFORMING THE FOLLOWING WORK:

1. REMOVE EXISTING CATCH BASINS.

2. INSTALL NEW CATCH BASINS.

3. REPLACE 4 FT OF EXISTING CONDUIT AT EACH STRUCTURE BEING REPLACED.

4. CONNECT CONDUIT TO NEW STRUCTURES OR TO EXISTING STRUCTURES WHERE EXISTING STRUCTURE IS TO REMAIN.

PROJECT EARTH DISTURBED AREA:
ESTIMATED CONTRACTOR EARTH DISTRUBED AREA:
NOTICE OF INTENT EARTH DISTURBED AREA:

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USER: mbailey5 Protectevnict DATE: 10/4/2021 TIME: 2:23:21 PM CLE-SR 125-5.13 ERSIZE: I

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<u>NOTES:</u>

ESTIMATED QUANTITIES				
ITEM	TOTAL	UNIT	DESCRIPTION	
202	12	FT	PIPE REMOVED, 24" AND UNDER	
202	3	ΕA	CATCH BASIN REMOVED	
202	25	SF	WALK REMOVED	
253	3	CY	PAVEMENT REPAIR	
608	25	SF	4" CONCRETE WALK	
611	3	ΕA	CATCH BASIN, NO. 3 WITH DIAGONAL GRATE	
611	12	FT	12" CONDUIT, TYPE B	

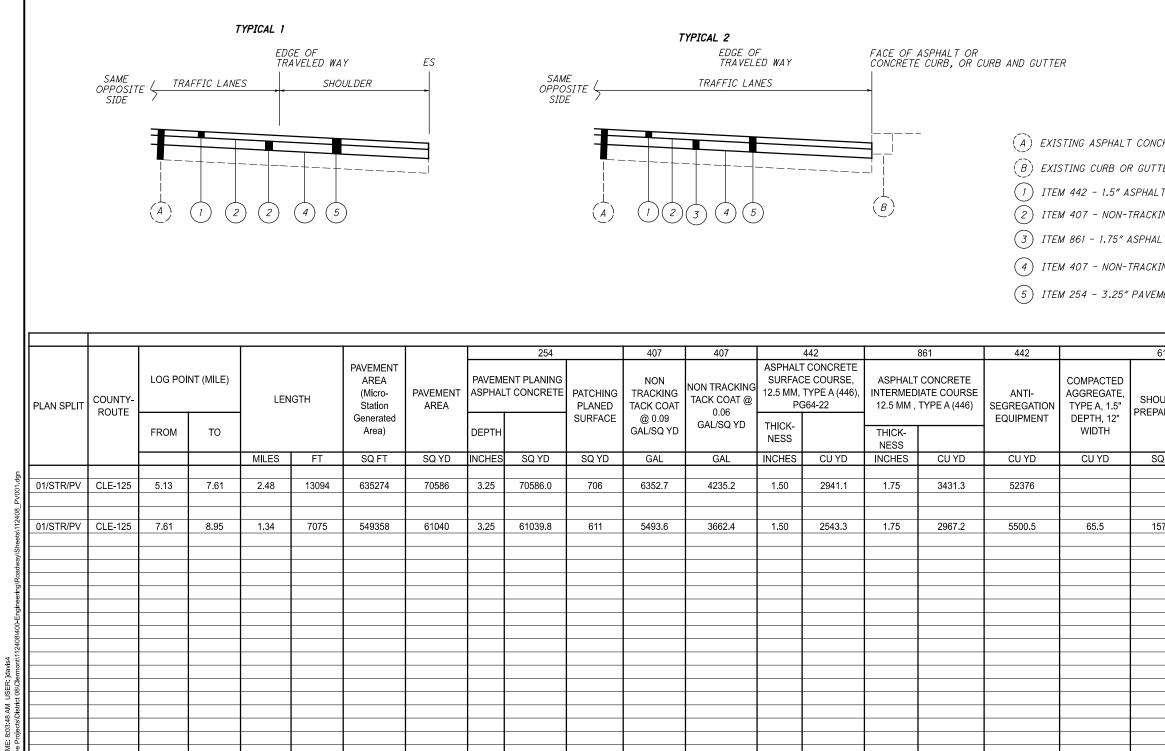
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NDUIT CONNECTING STRUCTURES (TYP.)	GRATE = 12" INV (N&S) = 4(VERI STA 73+87.49 OFF -8.86'
EX. 12" CPP	
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11.	A second se
11 7 11 12	1 12 2 - 21 - 21

1. PRIOR TO REMOVING DRAINAGE STRUCTURES, CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF EXISTING WATER MAIN AND EXISTING GAS MAIN.

2. WHERE CONDUIT IS TO BE REPLACED UNDER EXISTING ASPHALT PAVEMENT, AN ASPHALT REPAIR QUANTITY HAS BEEN INCLUDED AS 1 CY PER LOCATION. PAVEMENT SECTION IS TO MATCH EXISTING PAVEMENT SECTION.

3. WHERE CONDUIT IS TO BE CONNECTED TO EXISTING MANHOLE WITHIN AN EXISTING CONCRETE WALK, A CONRETE WALK REMOVAL AND 4" CONCRETE WALK QUANTITY HAS BEEN INCLUDED AS 25 SF PER LOCATION ASSUMING A 5 FT x FT WALK SECTION IT TO BE REMOVED AND REPLACED.





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TOTALS CARRIED TO GENERAL SUMMARY

KING TACI ALT CONC KING TACI	RETE SURFAC K COAT @ 0.	06 GAL/SQ IEDIATE COU 09 GAL/SQ	JRSE, 12.5 MM TYPE 2 (446) YD	JANTITIES
617 IOULDER PARATION	WATER @ 20 GAL/CU YD		NOTES	PAVEMENT QUANTITIES
SQ YD	MGAL		TYPICAL SECTION 2, OMIT SECTION 5.50-5.64 SLM	
1572.3			TYPICAL SECTION 1	DESIGN AGENCY
1572	2			DESIGNER JED REVIEWER JDO
				PROJECT ID

112408 SHEET TOTAL P.12 22

	COUNTY- ROUTE			TOTAL	642				644											
PART					EDGE LINE 6"	LANE LINE	LINE CENTER LINE		8" CHANNEL-	STOP LINE	24" TRANSVERSE/	CROSS WALK	ISLAND		LANE ARROWS				WORD ON	
					WHITE	DASHED	DASHED SOLID		IZING LINE WHITE	24"	LINE	LINES	MARKING	SCHOOL 96"	TURN		THRU	STRAIGHT/ RIGHT	PAVEMENT	REMARKS
															LEFT					
		FROM	TO	MILE	MILE	MILE	MILE	MILE	FT	FT	FT	FT	SQ FT	EACH	EACH	EACH	EACH	EACH	EACH	
01/STR/PV	CLE-125	5.13	7.61	2.48	4.96	4.96		5.47	1078	562	76	1578		4	39	11	4	4	1	
01/STR/PV	CLE-125	7.61	8.95	1.34	2.68	2.68		3.44	1520	168	104	683	40		34					
TOTALS CARRIED TO GENERAL SUMMARY 7.64 7.64					91	2598	730	180	2261	40	4			92		1				

CLE-SR 125-5.13 MODEL: Sheet PAPERSIZE: 17x1 (in.) DATE: 77/2021 TIME: 10:28:53 AM USER: jdavis4 pw:\ohiodot-pw.benitey.com:chiodot-pw-02\Documents\011 Active Projects\District 08\Offenmont\124084000-Engineering\Roadway\Sheets\1124 PAVEMENT MARKINGS

DESIGN AGENCY



JED									
REVIEWER									
JDO									
PROJECT ID									
112408									
SHEET	TOTAL								
P.13	22								