

*VILLAGES OF ANSONIA, BURKETTSVILLE, OSGOOD,
PALESTINE & ROSSBURG*

ROUTE	LOCATION	ADT	TRUCKS
DAR-127	SLM 22.20 TO 25.20	3,982	880
DAR-319	SLM 0.00 TO 0.53	1,212	97
DAR-705	SLM 9.00 TO 13.31	1,928	311
DAR-118	SLM 12.30 TO 17.62	1,648	202
DAR-716	SLM 0.00 TO 0.23	1,574	126
DAR-36	SLM 3.37 TO 3.65	2,931	490
DAR-47	SLM 10.04 TO 13.85	1,764	258

REQUIRED


UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
 OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764 (Non members must be called directly)

PLAN PREPARED BY:
ODOT DISTRICT 7 - ENGINEERING
1001 ST. MARYS AVE.
SIDNEY, OHIO

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STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
					800	7/18/25	
BP-3.1	1/19/24	TC-42.10	10/18/13		832	7/18/25	
BP-7.1	7/18/25	TC-42.20	10/18/13		872	1/17/25	
BP-5.1	7/18/25	TC-52.10	10/18/13		874	4/17/20	
BP-9.1	1/18/19	TC-74.10	7/21/23		875	1/17/25	
					880	1/21/22	
		DM-4.3	1/15/16		897	1/16/15	
		DM-4.4	1/15/16				
MT-97.12	7/18/25						
MT-101.90	7/17/20						
MT-105.10	1/17/20						
MT-110.10	7/19/13						

I HEREBY 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 OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.


Pamela Boratyn
Director, Department of Transportation

The seal is circular with a double-lined border. The outer border contains the text "STATE OF OHIO" at the top and "REGISTERED PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the name "BENJAMIN J. ANKROM" and the license number "E-82850".

TITLE SHEET

ITEM 614 – MAINTAINING TRAFFIC

TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. THE LENGTH OF RESTRICTED TRAFFIC ZONES SHALL BE KEPT TO A MINIMUM CONSISTENT WITH THE SPECIFICATION REQUIREMENTS FOR PROTECTION OF COMPLETED COURSES.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

THE CONTRACTOR SHALL BE REQUIRED TO FURNISH AND ERECT “GROOVED PAVEMENT” SIGNS FOR ANY PLANED SURFACE OF THE ROADWAY REMAINING OPENED AT THE CONCLUSION OF A WORK DAY.

WORK ZONE MARKINGS SHALL BE COMPLETE AND IN PLACE ON ALL PAVEMENT, INCLUDING RAMPS, BEFORE EXPOSING THE PAVEMENT TO TRAFFIC.

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.

COORDINATION OF WORK

PID 116923-DAR-127-30.53

THE CONTRACTOR IS ADVISED THAT ADJACENT CONSTRUCTION PROJECTS WITHIN OR NEAR THE WORK LIMITS OF THIS PLAN MAY IMPACT THE PROJECT SCHEDULE, SEQUENCE OF CONSTRUCTION AND/OR TRAFFIC CONTROL BETWEEN ADJACENT ZONES. THE CONTRACTOR IS REQUIRED TO COORDINATE ALL MAINTENANCE OF TRAFFIC OPERATIONS WITH ADJACENT CONSTRUCTION PROJECTS. COOPERATION WITH THE ENGINEER, INSPECTORS AND ALL OTHER CONTRACTORS ON OR ADJACENT TO THE PROJECT IS REQUIRED PER CMS 105.08.

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 OMUTCO 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 TASK:

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

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

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

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

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

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS, HOWEVER, IF A MOTORISTS 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.

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. ONCE THE LEO HAS COMPLETED THE DUTIES DESCRIBED ABOVE AND STILL HAS TIME REMAINING ON HIS/HER SHIFT, THE LEO MAY BE ASKED TO PATROL THROUGH THE WORK ZONE (WITH FLASHING LIGHTS OFF) OR BE PLACED AT A LOCATION TO DETER MOTORISTS FROM SPEEDING, SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

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

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 100 HOURS.

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

AND 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.

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, DAY AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM WIDTH OF DRIVEABLE PAVEMENT DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE ENGINEER.

NOTIFICATION TIME TABLE		
ITEM	DURATION OF CLOSURE	NOTICE DUE TO D7 PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HRS & < 2 WKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HRS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES AND RESTRICTIONS	>= 2 WKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ITEM 618 – EDGE LINE RUMBLE STRIPE (ASPHALT CONCRETE)
ITEM 618 – CENTER LINE RUMBLE STRIPE (ASPHALT CONCRETE)

DESCRIPTION: THIS WORK CONSISTS OF GRINDING DEPRESSIONS (RUMBLE STRIPES) IN THE PAVEMENT.

CONSTRUCT RUMBLE STRIPES ACCORDING TO TRAFFIC STANDARD DRAWING TC-64.10.

LOCATION AND PLACEMENT RESTRICTIONS OF RUMBLE STRIPES: RUMBLE STRIPES ARE NOT TO BE USED AT LOCATIONS WHERE THE LANE WIDTH IS LESS THAN 11 FEET AND THE POSTED SPEED LIMIT IS LESS THAN 50 MPH.

LOCATE RUMBLE STRIPES ON THE PAVEMENT PER THE SPECIFICATIONS OF STANDARD DRAWING TC-64.10.

METHOD OF MEASUREMENT: THE DEPARTMENT WILL MEASURE RUMBLE STRIPES IN THE UNIT OF MILES COMPLETED IN PLACE. THE DEPARTMENT WILL MEASURE QUANTITIES AS THE LENGTH OF COMPLETED GRINDING, INCLUDING THE GAPS FOR INTERSECTIONS AND OTHER SECTIONS OF PAVEMENT NOT BEING GROUND BETWEEN THE BEGINNING STRAIGHT LINE MILEAGE AND THE ENDING STRAIGHT LINE MILEAGE FOR THE SEGMENTS LISTED IN THE PLANS.

BASIS OF PAYMENT: THE DEPARTMENT WILL NOT PAY FOR REPAIRING SURFACE DAMAGE AND EXTRANEOUS MARKS CAUSED BY THE CONTRACTOR’S OPERATIONS. THE DEPARTMENT WILL PAY FOR THE PAVEMENT MARKINGS ITEM 642 TRAFFIC PAINT, SEPARATELY.

A QUANTITY OF 20.86 MILES OF ITEM 618 EDGE LINE, RUMBLE STRIPE (ASPHALT CONCRETE) HAS BEEN CARRIED TO THE GENERAL SUMMARY. THE SEGMENT LOCATIONS ARE:

(PART. 1) DAR-127 FROM SLM 22.10 TO SLM 25.20
(PART. 1) DAR-47 FROM SLM 11.15 TO SLM 13.85
(PART. 1) DAR-118 FROM SLM 12.97 TO SLM 17.60
NO RUMBLE STRIPES IN CROSSWALK AREAS.

A QUANTITY OF 10.57 MILES OF ITEM 618 CENTER LINE, RUMBLE STRIPE (ASPHALT CONCRETE) HAS BEEN CARRIED TO THE GENERAL SUMMARY. THE SEGMENT LOCATIONS ARE:

(PART. 1) DAR-127 FROM SLM 22.10 TO SLM 25.20
(PART. 1) DAR-47 FROM SLM 11.15 TO SLM 13.85
(PART. 1) DAR-118 FROM SLM 12.97 TO SLM 17.60
(PART. 2) DAR-319 FROM SLM 0.37 TO SLM 0.51

A QUANTITY OF 10.57 MILES OF ITEM 874, LONGITUDINAL JOINT PREPARATION HAS BEEN CARRIED TO THE GENERAL SUMMARY. THE SEGMENT LOCATIONS ARE:

A QUANTITY OF 10.57 MILES OF ITEM 874, LONGITUDINAL JOINT PREPARATION HAS BEEN CARRIED TO THE GENERAL SUMMARY. THE SEGMENT LOCATIONS ARE:

(PART. 1) DAR-127 FROM SLM 22.10 TO SLM 25.20
(PART. 1) DAR-47 FROM SLM 11.15 TO SLM 13.85
(PART. 1) DAR-118 FROM SLM 12.97 TO SLM 17.60
(PART. 2) DAR-319 FROM SLM 0.37 TO SLM 0.51

PAVEMENT MARKINGS: THE RUMBLE STRIPE SHALL BE DUST-FREE AND DRY WHEN THE PAVEMENT MARKINGS ARE APPLIED.

DESIGN AGENCY



DESIGNER

LDB

REVIEWER

BJA MM-DD-YY

PROJECT ID

112494

SHEET

P. 05

TOTAL

33

SHEET NUMBER												PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	7	8	9	11	12	13	14	15	17	18	01/STR	02/NFA						
										360	1,577	1,718	100	202	30000	1,937	SF	ROADWAY	
											263	232	219	202	32500	263	FT	CURB AND GUTTER REMOVED	
										360	145	475	30	608	10000	505	SF	4" CONCRETE WALK	
											1,746	1,557	189	608	52000	1,746	SF	CURB RAMP	
										192	48	224	16	608	53020	240	SF	DETECTABLE WARNING	
1												1		623	39500	1	EACH	MONUMENT ASSEMBLY ADJUSTED TO GRADE	
											44	38	6	659	00500	44	SY	EROSION CONTROL	
												1,000		832	30000	1,000	EACH	SEEDING AND MULCHING, CLASS 1	
																		EROSION CONTROL	
34												34		611	99654	34	EACH	DRAINAGE	4
																		MANHOLE ADJUSTED TO GRADE	
4,050												3,600	450	251	01041	4,050	SY	PAVEMENT	4
											70	62	8	253	01001	70	SY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN	17
65												65		301	56001	65	CY	PAVEMENT REPAIR, AS PER PLAN	4
		22,557	3,807	1,181								26,666	879	407	20000	27,545	GAL	ASPHALT CONCRETE BASE, (449), AS PER PLAN, PG64-22	
		11,060	2,070	579								13,278	431	441	50100	13,709	CY	NON-TRACKING TACK COAT 0.085 Gal/SY	
																		ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M, 1 ½" Thickness	
											36	36		609	12001	36	FT		17
		441	57									489	9	617	10100	498	CY	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN	
	20.86											20.86		618	41000	20.86	MILE	COMPACTED AGGREGATE, 1" Ave Thickness	
	10.57											10.43	0.14	618	43000	10.57	MILE	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)	
	10.57											10.43	0.14	874	21000	10.57	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	
																		LONGITUDINAL JOINT PREPARATION	
		235,755	23,363	13,889								262,672	10,335	897	01010	273,007	SY		
		29,617	21,421									51,038		897	01010	51,038	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1 ½" Depth	
300												300		897	02001	300	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1 ¼" Depth	4
																		PATCHING PLANED SURFACE, AS PER PLAN	
14												14		638	10800	14	EACH	WATER WORK	
																		VALVE BOX ADJUSTED TO GRADE	
								1,056				1,038	18	621	00100	1,056	EACH	TRAFFIC CONTROL	
								1,056				1,038	18	621	54000	1,056	EACH	RPM	
					14.37	7.61	6					27.5	0.48	642	00104	27.98	MILE	RAISED PAVEMENT MARKER REMOVED	
					9.02	5.49	3.34					17.34	0.51	642	00300	17.85	MILE	EDGE LINE, 6", TYPE 1	
						424						424		642	00300	17.85	MILE	CENTER LINE, TYPE 1	17
												424		642	01200	424	FT	PARKING LOT STALL MARKING, TYPE 1	
						2						2		642	01702	2	EACH		
					468							468		644	00404	468	FT	HANDICAP SYMBOL MARKING, TYPE 1	
					216	108	25					349		644	00500	349	FT	CHANNELIZING LINE, 12"	
					411	1,600	595					2,606		644	00620	2,606	FT	STOP LINE	
					192	35	29					256		644	00630	256	FT	CROSSWALK LINE, 12"	
																		CROSSWALK LINE, 24"	
					180							180		644	00700	180	FT		
					8							8		644	01300	8	EACH	TRANSVERSE/DIAGONAL LINE	
										88		88		516	31001	88	FT	LANE ARROW	
																		STRUCTURE REPAIR (DAR-118-1303)	15
										80		80		516	31001	80	FT	JOINT SEALER, AS PER PLAN	
																		STRUCTURE REPAIR (DAR-118-1486)	15
										80		80		516	31001	80	FT	STRUCTURE REPAIR (DAR-47-1206)	15
																		JOINT SEALER, AS PER PLAN	
	100											100		614	11110	100	hour	MAINTENANCE OF TRAFFIC	
												54	4	614	12460	58	EACH	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
					18.04	10.98	6.68					34.68	1.02	614	21100	35.7	MILE	WORK ZONE MARKING SIGN	
					936							936		614	23690	936	FT	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
					432	216	50					698		614	26610	698	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT	
																		WORK ZONE STOP LINE, CLASS III, 642 PAINT	
					16							16		614	30650	16	EACH		
																		WORK ZONE ARROW, CLASS III, 642 PAINT	
																		INCIDENTALS	
												LS	LS	614	11000	LS		MAINTAINING TRAFFIC	
												LS	LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY



DESIGN AGENCY	
DESIGNER	
LDB	
REVIEWER	
BJA MM-DD-YY	
PROJECT ID	
112494	
SHEET	TOTAL
P.06	33