

**WORK AND MATERIALS**

THE INTENT OF THIS PLAN IS TO REPAINT EXISTING LONG LINE AND AUXILIARY PAVEMENT MARKINGS. THE PROPOSED MARKING SHALL MATCH THE SIZE, COLOR, AND TYPE OF THE EXISTING MARKING. IF NO EXISTING MARKING IS PRESENT FOR THE QUANTITY GIVEN IN THE PLANS THEN EITHER A PROPOSED MARKING SHALL BE PLACED, OR THE MARKING SHALL BE NON-PERFORMED, AS DIRECTED BY THE ENGINEER.

ALL WORK AND MATERIALS SHALL BE GOVERNED BY ITEM 642 SPECIFICATIONS. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER A MINIMUM OF 24 HOURS PRIOR TO APPLYING PAVEMENT MARKING MATERIALS ON ANY ROUTES SO THAT ODOT PERSONNEL MAY BE PRESENT DURING PAVEMENT MARKING OPERATIONS.

AS PER CMS 641.04, THE CONTRACTOR SHALL PROVIDE ODOT PERSONNEL A COPY OF THE DLS SHORT REPORT AT THE END OF EVERY WORK DAY OR AS REQUESTED THROUGHOUT THE DAY FOR LONG LINE MARKINGS. THE CONTRACTOR SHALL NOT RECEIVE PAYMENT FOR ANY WORK DONE WITHOUT NOTIFICATION AS STATED ABOVE OR IF DSL SHORT REPORTS ARE NOT PROVIDED DAILY. SEPARATE DLS REPORTS SHALL BE PROVIDED FOR EVERY RUN OF LONG LINE MARKING PLACED. COMBINED DLS REPORTS (I.E. CENTER LINE AND EDGE LINE) WILL NOT BE ACCEPTED OR PAID BY THE DEPARTMENT.

**COOPERATION BETWEEN CONTRACTORS**

THE STATE OF OHIO HAS CONTRACTED PROJECTS D05-CS-FY2020 PID 98220, D05-RPM-FY2020 PID 98224, AND D05-SP-FY2021 PID 101023, WHICH MAY BE CONSTRUCTED CURRENTLY WITH THIS PROJECT. IT IS IMPERATIVE THAT THE CONTRACTORS COOPERATE FULLY WITH EACH OTHER AS OUTLINED IN SECTION 105.08 OF THE CMS MANUAL. ALL MAINTENANCE OF TRAFFIC SHALL BE COORDINATED BETWEEN PROJECTS AND NOT CONFLICT WITH ONE ANOTHER.

**NOTIFICATION OF TRAFFIC RESTRICTIONS**

THE CONTRACTOR SHALL ADVISE THE PROJECT ENGINEER A MINIMUM OF TWENTY-ONE (21) DAYS PRIOR TO THE FOLLOWING: THE START OF CONSTRUCTION ACTIVITIES, LANE RESTRICTIONS, LANE CLOSURES, AND/OR ROAD CLOSURES.

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

THE PROJECT ENGINEER WILL FORWARD THIS INFORMATION TO THE FOLLOWING:

DISTRICT PUBLIC INFORMATION OFFICER (PIO) BY FAX AT (614) 887-4510 OR EMAIL AT [D05.PIO@DOT.OHIO.GOV](mailto:D05.PIO@DOT.OHIO.GOV)

DISTRICT PERMIT SECTION BY FAX AT (614) 887-4525 OR EMAIL AT [BRIAN.BOSCH@DOT.OHIO.GOV](mailto:BRIAN.BOSCH@DOT.OHIO.GOV)

CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION BY FAX AT (614) 728-4099 OR EMAIL AT [HAULING.PERMITS@DOT.OHIO.GOV](mailto:HAULING.PERMITS@DOT.OHIO.GOV)

THE PIO WILL, IN TURN, NOTIFY THE PUBLIC, THE LOCAL EMERGENCY SERVICES, AFFECTED SCHOOLS AND BUSINESSES, AND ANY OTHER IMPACTED LOCAL PUBLIC AGENCY OF ANY OF THE ABOVE MENTIONED ITEMS, VIA MEDIA SOURCES.

**ITEM SPECIAL, AIR SPEED ZONE MARKING**

AIR SPEED ZONE MARKINGS SHALL BE WHITE AND 24 INCHES WIDE MEASURED IN THE DIRECTION OF TRAVEL AND 4 FEET IN LENGTH SPACED AT 0.25 MILE INTERVALS OVER A 1 MILE LENGTH OF ROADWAY.

THE AIR SPEED ZONE MARKINGS SHALL BE PLACED ON BOTH SHOULDERS ADJACENT TO THE EDGE LINE MARKING AND SHALL BE OFFSET IF RUMBLE STRIPS ARE PRESENT.

TWO-LANE ROADWAYS WITH PAVED SHOULDERS LESS THAN 4 FEET IN WIDTH, THE AIR SPEED ZONE MARKINGS SHALL BE PLACED WITH 2 FEET ON EACH SIDE OF THE CENTER LINE.

**DO NOT PLACE AIR SPEED MARKINGS IF EXISTING ARE NOT VISIBLE.**

MATERIALS, EQUIPMENT AND APPLICATION SHALL BE ACCORDING TO THE TYPE OF PAVEMENT MARKING MATERIAL LISTED IN THE PLANS.

PAYMENT SHALL BE ACCORDING TO THE PAVEMENT MARKING MATERIAL USED. FIVE MARKINGS PLACED IN EACH 1 MILE OF ROADWAY SHALL EQUAL ONE ZONE. ONE ZONE SHALL BE MEASURED AS 1 EACH FOR AIR SPEED ZONE MARKING.

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GENERAL NOTES

D05-PM-FY2020(B)  
FAST DRY WEST

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**ITEM 614, MAINTAINING TRAFFIC**

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES ON TWO-LANE HIGHWAYS AND A MINIMUM OF TWO LANES OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES ON FOUR-LANE HIGHWAYS, EXCLUDING THE CLOSURE TIMES STATED IN THE LANE VALUE CONTRACT TABLE BELOW.

**LANE VALUE CONTRACT TABLE**

LOCATION	CRITICAL WORK: TIME WHEN ONE (1) LANE MAY BE CLOSED	TIME UNIT	DISINCENTIVE (\$ PER TIME UNIT)
I.R. 70, U.S. 33, S.R. 16 (4-LANE), S.R. 37 (4-LANE)	ODOT PERMITTED LANE CLOSURE TIMES WEBSITE: <a href="http://plcm.dot.state.oh.us">HTTP://PLCM.DOT.STATE.OH.US</a>	15 MIN.	\$2,500

THE PERMITTED CLOSURE TIMES LISTED ABOVE WILL BE IN EFFECT 14 CALENDAR DAYS PRIOR TO THE BID LETTING DATE FOR THIS PROJECT AND NO WORK WITHIN ACTIVE TRAVEL LANES OR WHICH WILL SLOW TRAFFIC IS PERMITTED AT ANY OTHER TIMES.

ALL PAVEMENT MARKING OPERATIONS SHALL ADHERE TO STANDARD DRAWING **MT-99.20**. ALL OTHER STANDARD DRAWINGS LISTED ON THE TITLE SHEET SHOULD BE USED IF A LANE CLOSURE IS REQUIRED TO PLACE PROPOSED MARKINGS.

**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.

THE CONTRACTOR WILL HAVE ON SITE AND IN WORKING AND OR SUITABLE CONDITION; ALL EQUIPMENT, TOOLS, LABORERS, LEO'S, TRAFFIC CONTROL DEVICES AND INCIDENTALS NECESSARY TO EFFICIENTLY PERFORM THE CLOSURE BEFORE INITIALIZING THE LANE CLOSURE.

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. 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.

**LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS**

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES OF ROUTES LISTED IN THE **LANE VALUE CONTRACT TABLE** SHALL BE OPENED TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS:

EASTER, MEMORIAL DAY, FOURTH OF JULY, LABOR DAY, THANKSGIVING, CHRISTMAS, AND NEW YEARS

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 WEEK	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00AM FRIDAY
THURSDAY (THANKSGIVING)	6:00AM WEDNESDAY THROUGH 6:00AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY

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

**ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE**

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED IN THIS NOTE WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (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) SHOULD BE PROVIDED FOR CONTROLLING TRAFFIC FOR THE FOLLOWING TASKS, **AS DIRECTED 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.

**AN LEO AND PATROL CAR AS STATED ABOVE SHALL BE USED FOR ALL NIGHT WORK IN LOCATIONS SHOWN IN THE LANE VALUE CONTRACT TABLE.**

IN GENERAL, LEOS SHOULD BE POSITIONED AT THE POINT OF LANE RESTRICTION OR ROAD CLOSURE AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH 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 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 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.

LAW ENFORCEMENT OFFICERS (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 HOURS PAID SHALL INCLUDE 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.

**ITEM 614 LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 150 HOUR**



ITEM 642 FAST DRY PAVEMENT MARKINGS

COUNTY	ROUTE	DESCRIPTION	EDGE LINE 6"		LANE LINE	CENTER LINE	CHANNELIZING LINE		STOP LINE 24"	CROSSWALK LINE 12"	RAILROAD MARKING SYMBOL	SCHOOL SYMBOL MARKING		LANE ARROW (72" - LESS THAN 45 MPH) (96" - 45 MPH AND GREATER)					LANE REDUCTION ARROW	WRONG WAY ARROW	WORD ON PAVEMENT		DOTTED LINE 6"	YIELD LINE	AIR SPEED ZONE MARKINGS	
			WHITE	YELLOW			8"	12"				72"	96"	LEFT	RIGHT	THRU/LEFT	THRU/RIGHT	THRU			ONLY					
																					72"	96"				72"
			MILE	MILE			MILE	MILE				FT	FT	FT	FT	EACH	EACH	EACH			EACH	EACH				EACH
FAI	S.R. 310	0.00-0.52	1.04			0.52			27																	
SUB-TOTALS			1.04			0.52			27																	
FAIRFIELD S.R. 310 TOTALS			1.04			0.52			27																	
FAI	S.R. 312	0.00-3.75	7.50			3.75																				
SUB-TOTALS			7.50			3.75																				
FAIRFIELD S.R. 312 TOTALS			7.50			3.75																				
FAI	S.R. 360	0.00-1.72	3.88			1.94			66																	
SUB-TOTALS			3.88			1.94			66																	
FAIRFIELD S.R. 360 TOTALS			3.88			1.94			66																	
FAI	S.R. 664	0.00-7.47	13.58			7.19			100	270	2															
		7.47-12.62	9.94			5.15			76																	
SUB-TOTALS			23.52			12.34			176	270	2															
FAIRFIELD S.R. 664 TOTALS			23.52			12.34			176	270	2															
FAIRFIELD U.S. 22 TOTALS			25.06	0.38	13.28	205			24			8									3					
FAIRFIELD U.S. 33 TOTALS			57.84	28.92			17,499		124			14	12								12	12,303			2	
FAIRFIELD S.R. 37 TOTALS			45.66		24.07	2,332			360		4	4			2						6	10				
FAIRFIELD I.R. 70 TOTALS			11.58	5.11			3,694		80			7	1				2		1		2					
FAIRFIELD S.R. 158 TOTALS			25.30		13.35	250			101	1,010	2			2												
FAIRFIELD S.R. 159 TOTALS			21.14		10.57				22																	
FAIRFIELD S.R. 188 TOTALS			19.82		10.63	106			36	308	2			2							1					
FAIRFIELD S.R. 204 TOTALS			15.94		7.97				181	431		3														
FAIRFIELD S.R. 256 TOTALS			21.02		10.51				38		2															
FAIRFIELD S.R. 310 TOTALS			1.04		0.52				27																	
FAIRFIELD S.R. 312 TOTALS			7.50		3.75																					
FAIRFIELD S.R. 360 TOTALS			3.88		1.94				66																	
FAIRFIELD S.R. 664 TOTALS			23.52		12.34				176	270	2															
FAIRFIELD COUNTY TOTALS (CARRIED TO GEN SUM)			279.30	34.41	108.93	2,893	21,193	1,235	2,019	12	7	4			72			2	1	7	27	12,303			2	

CALCULATED PTB CHECKED JSL  
**FAIRFIELD PAVEMENT MARKING DATA**  
**D05-PM-FY2020(B)**  
**FAST DRY WEST**  
 10/20

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COUNTY TOTALS					PLAN SPLIT	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
NOTES	FAI	KNO	LIC	PER	01/NFP/OT						
										<b>TRAFFIC CONTROL</b>	
	279.30	303.68	505.15	264.72	1,352.85	642	00104	1,352.85	MILE	EDGE LINE, 6", TYPE 1	
	34.41	8.89	122.73	2.48	168.51	642	00204	168.51	MILE	LANE LINE, 6", TYPE 1	
	108.93	147.28	172.77	133.00	561.98	642	00300	561.98	MILE	CENTER LINE, TYPE 1	
	2,893	1,976	22,437	1,640	28,946	642	00400	28,946	FT	CHANNELIZING LINE, 8", TYPE 1	
	21,193	1,430	24,049		46,672	642	00404	46,672	FT	CHANNELIZING LINE, 12", TYPE 1	
	1,235	732	2,919	972	5,858	642	00500	5,858	FT	STOP LINE, TYPE 1	
	2,019	2,264	3,558	2,315	10,156	642	00600	10,156	FT	CROSSWALK LINE, TYPE 1	
	12		2	11	25	642	01000	25	EACH	RAILROAD SYMBOL MARKING, TYPE 1	
	7	4	6	2	19	642	01100	19	EACH	SCHOOL SYMBOL MARKING, 72", TYPE 1	
	4	4	4	2	14	642	01110	14	EACH	SCHOOL SYMBOL MARKING, 96", TYPE 1	
	72	18	333	33	456	642	01300	456	EACH	LANE ARROW, TYPE 1	
	2		1		3	642	01312	3	EACH	LANE REDUCTION ARROW, TYPE 1	
	1	4	16		21	642	01322	21	EACH	WRONG WAY ARROW, TYPE 1	
	7	1	20	4	32	642	01400	32	EACH	WORD ON PAVEMENT, 72", TYPE 1	
	27	9	84	2	122	642	01410	122	EACH	WORD ON PAVEMENT, 96", TYPE 1	
	12,303	2,197	8,271		22,771	642	01510	22,771	FT	DOTTED LINE, 6", TYPE 1	
			24		24	642	20802	24	FT	YIELD LINE, TYPE 1	
	2	2	10		14	SPECIAL	64240000	14	EACH	AIR SPEED ZONE MARKING	2
										<b>MAINTENANCE OF TRAFFIC</b>	
150					150	614	11110	150	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
										<b>INCIDENTALS</b>	
					LS	614	11000	LS	LS	MAINTAINING TRAFFIC	
					LS	624	10000	LS	LS	MOBILIZATION	

CALCULATED  
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JSL

**GENERAL SUMMARY**

**D05-PM-FY2020(B)  
FAST DRY WEST**