

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 ACCORDING TO THE LANE VALUE CONTRACT TABLE, 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 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 \$175 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.

LANE VALUE CONTRACT TABLE

DESCRIPTION OF CRITICAL LANE TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT PER LANE
SR63- ALL LANES OPEN TO TRAFFIC.	6 AM - 7 PM	1 MINUTE	\$175
SR741- ALL LANES OPEN TO TRAFFIC.	7 AM - 9 AM & 3 PM - 6 PM	1 MINUTE	\$175

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, MINIMUM 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 & CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURE & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 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 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 C&MS 614.11.

SURFACE COURSE:

- ITEM 614-WZ CENTER LINE, CLASS III, 642 PAINT - 8.63 MILES
- ITEM 614-WZ LANE LINE, 6" CLASS III, 642 PAINT - 0.23 MILES
- ITEM 614-WZ EDGE LINE 6", CLASS III, 642 PAINT - 15.66 MILES
- ITEM 614-WZ STOP LINE CLASS III, 642 PAINT - 103 FEET
- ITEM 614-WZ CHANNELIZING LINE CLASS III, 642 PAINT - 3026 FEET
- ITEM 614-WZ RAILROAD CLASS III, 642 PAINT - 4 EA
- ITEM 614-WZ ISLAND MARKING CLASS III, 642 PAINT - 324 SF
- ITEM 614-WZ LANE ARROWS CLASS III, 642 PAINT - 39 EA

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 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 40 HOURS

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 CRITICAL WORK	CALENDAR DAYS TO COMPLETE	DISINCENTIVE \$ PER DAY	WORK WINDOW	
			START	END
ALL WORK ON PROJECT.	90	\$1,000 PER DAY	6-1-22	9-30-22

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGNS, AS PER PLAN

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A CHANGEABLE MESSAGE SIGN. THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCES OF 800 FEET AND 650 FEET, RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. THE PCMS SHALL BE DELINEATED IN ACCORDANCE WITH C&MS 614.03.

THE PROBABLE PCMS LOCATIONS AND WORK LIMITS FOR THOSE LOCATIONS ARE SHOWN ON SHEET(S) _____ OF THE PLAN. PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED OFF. ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED AWAY FROM ALL TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ODOT PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT, AND TO REVISE SIGN MESSAGES, IF NECESSARY.

ALL MESSAGES TO BE DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE ENGINEER. A LIST OF ALL REQUIRED PRE-PROGRAMMED MESSAGES WILL BE GIVEN TO THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. THE SIGN SHALL HAVE THE CAPABILITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE-LINE PRESENTATION FORMATS WITH UP TO SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE.

THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DEACTIVATED OR MESSAGES CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF THE DAY FOR DIFFERENT DAYS OF THE WEEK.

(THE PCMS SHALL CONTAIN A CELLULAR TELEPHONE DATA LINK WHICH WILL (IN ACTIVE CELLULAR PHONE AREAS) ALLOW REMOTE SIGN ACTIVATION, MESSAGE CHANGES, MESSAGE ADDITIONS AND REVISIONS TO TIME OF DAY PROGRAMS. THE SYSTEM SHALL ALSO PERMIT VERIFICATION OF CURRENT AND PROGRAMMED MESSAGES. ONE REMOTE DATA INPUT DEVICE (LAPTOP COMPUTER PLUS MODEM OR EQUIVALENT) SHALL BE FURNISHED FOR USE BY THE DISTRICT TRAFFIC ENGINEER, OR EQUIVALENT, AND SHALL BE INSURED AGAINST THEFT.) THE PCMS UNIT SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR IN ACCORDANCE WITH THE PROVISIONS OF C&MS 614.07. THE CONTRACTOR SHALL, PRIOR TO ACTIVATING THE UNIT, MAKE ARRANGEMENTS, WITH AN AUTHORIZED SERVICE AGENT FOR THE PCMS, TO ASSURE PROMPT SERVICE IN THE EVENT OF FAILURE. ANY FAILURE SHALL NOT RESULT IN THE SIGN BEING OUT OF SERVICE FOR MORE THAN 12 HOURS, INCLUDING WEEKENDS. FAILURE TO COMPLY MAY RESULT IN AN ORDER TO STOP WORK AND OPEN ALL TRAFFIC LANES AND/OR IN THE DEPARTMENT TAKING APPROPRIATE ACTION TO SAFELY CONTROL TRAFFIC. THE ENTIRE COST TO CONTROL TRAFFIC, ACCRUED BY THE DEPARTMENT DUE TO THE CONTRACTOR'S NONCOMPLIANCE, WILL BE DEDUCTED FROM MONEYS DUE, OR TO BECOME DUE THE CONTRACTOR ON HIS CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24-HOUR-PER-DAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THE PHASES WHEN THE PLAN REQUIRES THEIR USE.

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL BE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN
 2 SIGN MONTH ASSUMING 2 PCMS SIGN(S) FOR 4 MONTH(S)
 1 SIGN MONTH ASSUMING 4 PCMS SIGN(S) FOR 4 MONTH(S)
 TOTAL OF 8 MONTHS

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SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED WWH CHECKED JDO
3	4	5	8	9	10					01/S>2/PV	02/S>2/BR	03/SAF/OT							
ROADWAY																			
					350					350			202	38000	350	FT	GUARDRAIL REMOVED		
					4					4			202	42001	4	EACH	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN	3	
					4					4			202	47000	4	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED		
					4					4			209	15000	4	STA	RESHAPING UNDER GUARDRAIL		
					150					150			606	15100	150	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS		
					4					4			606	26150	4	EACH	ANCHOR ASSEMBLY, MGS TYPE E, NCHRP 350 or MASH2016		
					4					4			606	35141	4	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN	3	
			1.76										618	41000	1.76	MILE	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)		
			2.5										618	43000	2.5	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)		
2										2			623	39500	2	EACH	MONUMENT BOX ADJUSTED TO GRADE		
EROSION CONTROL																			
										1,000			832	30000	1,000	EACH	EROSION CONTROL		
DRAINAGE																			
5										5			611	99654	5	EACH	MANHOLE ADJUSTED TO GRADE		
WATER WORK																			
3										3			638	10800	3	EACH	VALVE BOX ADJUSTED TO GRADE		
PAVEMENT																			
400										400			253	02000	400	CY	PAVEMENT REPAIR		
			153,054							153,054			254	01000	153,054	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"		
			1,540							1,540			254	01600	1,540	SY	PATCHING PLANED SURFACE		
			22,958							22,958			407	20000	22,958	GAL	NON-TRACKING TACK COAT		
			6,378							6,378			442	10000	6,378	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)		
			4,484							4,484			442	00100	4,484	CY	ANTI-SEGREGATION EQUIPMENT		
			381							381			617	10100	381	CY	COMPACTED AGGREGATE		
			9,140							9,140			617	20000	9,140	SY	SHOULDER PREPARATION		
			8							8			617	25000	8	MGAL	WATER		
			2.5									2.5	874	21000	2.5	MILE	LONGITUDINAL JOINT PREPARATION		
TRAFFIC CONTROL																			
738										738			621	00100	738	EACH	RPM		
738										738			621	54000	738	EACH	RAISED PAVEMENT MARKER REMOVED		
					4					4			626	00110	4	EACH	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL		
				13.9						13.9			644	00104	13.9	MILE	EDGE LINE, 6"		
				0.23						0.23			644	00204	0.23	MILE	LANE LINE, 6"		
				6.13						6.13			644	00300	6.13	MILE	CENTER LINE		
				3,026						3,026			644	00404	3,026	FT	CHANNELIZING LINE, 12"		
				103						103			644	00500	103	FT	STOP LINE		
				1,076						1,076			644	00700	1,076	FT	TRANSVERSE/DIAGONAL LINE		
				51						51			644	00720	51	FT	CHEVRON MARKING		
				324						324			644	00800	324	SF	ISLAND MARKING		
				4						4			644	01000	4	EACH	RAILROAD SYMBOL MARKING		
				39						39			644	01300	39	EACH	LANE ARROW		
				0.14						0.14			646	10010	0.14	MILE	EDGE LINE, 6"		
				0.07						0.07			646	10200	0.07	MILE	CENTER LINE		
				1.76						1.76			648	00104	1.76	MILE	EDGE LINE, 6"		
				2.5						2.5			648	00300	2.5	MILE	CENTER LINE		
TRAFFIC SIGNALS																			
	2									2			809	69001	2	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	4	
	3									3			809	69101	3	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	4	

GENERAL SUMMARY

WAR - SR63 / SR741 - 0.85 / 3.66

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SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED	WVH	CHECKED	JDO
3	4	5	8	9	10	01/S>2/PV	02/S>2/BR	03/SAF/OT														
STRUCTURE REPAIR (WAR-741-0494)																						
35					150		35			519	12300	35	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B								
						150				517	75600	150	FT	DEEP BEAM BRIDGE RETROFIT RAILING								
MAINTENANCE OF TRAFFIC																						
		40					40			614	11110	40	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE								
		8					8			614	18601	8	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN							5	
		0.23					0.23			614	20560	0.23	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT								
		8.63					8.63			614	21550	8.63	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT								
		15.66					15.66			614	22360	15.66	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT								
		3,026					3,026			614	23690	3,026	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT								
		103					103			614	26610	103	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT								
		39					39			614	30650	39	EACH	WORK ZONE ARROW, CLASS III, 642 PAINT								
		4					4			614	32210	4	EACH	WORK ZONE RAILROAD SYMBOL MARKING, CLASS III, 642 PAINT								
		324					324			614	32800	324	SF	WORK ZONE ISLAND MARKING, CLASS III, 642 PAINT								
INCIDENTALS																						
							LS	LS	LS	614	11000	LS		MAINTAINING TRAFFIC								
							LS	LS	LS	623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN							3	
							LS	LS	LS	624	10000	LS		MOBILIZATION								

GENERAL SUMMARY

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PART	COUNTY-ROUTE	LOG POINT (MILE)		TOTAL MILE	644					648			646			REMARKS							
					EDGE LINE 6"		LANE LINE 6"		CENTER LINE		CENTER LINE		EDGE LINE 6"		EDGE LINE 6"		CENTER LINE						
					WHITE MILE		WHITE MILE					MILE		WHITE MILE			WHITE MILE		DASHED MILE	SOLID MILE			
FROM	TO																						
01/S>2/PV	WAR-63	0.85	5.26	4.41			8.82		0.23							0.04				0.02	646 IS FOR CONCRETE BRIDGE		
01/S>2/PV	WAR-741	3.66	7.08	3.42			5.08						1.34		2.5	1.76				0.1		0.05	646 IS FOR CONCRETE BRIDGE
TOTALS CARRIED TO GENERAL SUMMARY							13.9		0.23		6.13		2.5		1.76		0.14			0.07			

PART	COUNTY-ROUTE	LOG POINT (MILE)		644										REMARKS								
				CHEVRON MARKING	12" CHANNEL-IZING LINE	STOP LINE	24" TRANSVERS E/DIAGONAL LINE	RAILROAD	ISLAND MARKING	LANE ARROWS												
										WHITE	WHITE								24"	YELLOW	EACH	SQ FT
FROM	TO	FT	FT	FT	FT	EACH	SQ FT	EACH	EACH													
01/S>2/PV	WAR-63	0.85	5.26	51	2354	81	486	2	188			24	3									DO NOT REPLACE DOTTED LINE
01/S>2/PV	WAR-741	3.66	7.08		672	79	590	2	136			12										
TOTALS CARRIED TO GENERAL SUMMARY				51	3026	160	1076	4	324			39										

CALCULATED WWH
 CHECKED JDO
PAVEMENT · MARKINGS
 WAR-SR63 / SR741-0.85 / 3.66
