

ITEM 614 - WORK ZONE PAVEMENT MARKINGS, CLASS II, 642 PAINT
ITEM 614 - WORK ZONE PAVEMENT MARKINGS, CLASS III, 642 PAINT
ITEM 614 - WORK ZONE MARKING SIGNS

THE CONTRACTOR SHALL INSTALL ITEM 614 - WORK ZONE CENTER LINE, CLASS II OR CLASS III, 642 PAINT PRIOR TO OPENING THE LANE TO TRAFFIC, OR WHEN THE EXISTING MARKINGS HAVE BEEN COVERED OR DAMAGED, AS PER CMS 614.11.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

WORK ZONE PAVEMENT MARKINGS TABLE				
PART	LOCATION	614		FUNDING
		WORK ZONE CENTER LINE, CLASS II, 642 PAINT	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
		MI/LE	FT.	
1	S.R. 26	14.38	60	01/NFA/05
2	S.R. 331	6.18		02/STR/05
SUB-TOTALS PARTS 1 & 2		20.56	60	
TOTALS (CARRIED TO GENERAL SUMMARY)		20.56	60	

THE CONTRACTOR SHALL ERECT "NO EDGE LINES" (W8-H12a) SIGNS IN ADVANCE OF ANY SECTION OF ROADWAY LACKING CMS STANDARD EDGE LINE MARKINGS, AS PER CMS 614.04.

IN THE EVENT THE CONTRACTOR CANNOT INSTALL THE WORK ZONE CENTER LINE, CLASS III, DUE TO CONDITIONS BEYOND HIS CONTROL, OR WHEN CLASS II PAVEMENT MARKINGS ARE USED, AN ESTIMATED CONTINGENCY QUANTITY FOR "DO NOT PASS" (R4-1) AND "PASS WITH CARE" (R4-2) SIGNS HAVE BEEN PROVIDED IN THE "WORK ZONE MARKING SIGN TABLE" WHICH SHALL BE ERECTED BY THE CONTRACTOR IN LIEU OF THE AFOREMENTIONED PAVEMENT MARKINGS. THE APPROPRIATE SIGNAGE SHALL BE PLACED AS PER OVIUTCD SECTIONS 2B.28 AND 2B.29 PRIOR TO THE COVERING, OR REMOVAL OF EXISTING PAVEMENT MARKINGS.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR WORK ZONE MARKING SIGNS PER THE REQUIREMENTS ABOVE AND ITEM 614 OF THE SPECIFICATIONS.

ITEM 614 - WORK ZONE MARKING SIGN - 94 EACH

WORK ZONE MARKING SIGN TABLE				
PART	LOCATION	614		FUNDING
		NO EDGE LINES (W8-H12a)	DO NOT PASS (R4-1)	
		EACH	PASS WITH CARE (R4-2)	
1	S.R. 26	36	10	01/NFA/05
2	S.R. 331	18	10	02/STR/05
SUB-TOTALS PARTS 1 & 2		54	20	
TOTALS (CARRIED TO GENERAL SUMMARY)		94		

ITEM 614 - MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES PER ITEM 614 AND AS PER SCD MT-97.12. 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 PLANING AND RESURFACING WILL PROCEED CONTINUOUSLY A MINIMUM OF FIVE (5) DAYS PER WEEK, WEATHER PERMITTING, EXCEPT FOR THE HOLIDAYS AND EVENTS LISTED BELOW. ANY OPEN PAVEMENT TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR PORTABLE BARRIER, PER SCD MT-101.90.

THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN W8-15 "GROOVED PAVEMENT" SIGNS PER CMS 614.055.

THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN SIGNS W8-1 (48"x48") "BUMP" AND W8-2 (48"x48") "DIP" WITH W13-1P (24"x24") ADVISORY SPEED PLAQUE WITH SPEEDS APPROVED BY THE ENGINEER FOR ALL BUTT JOINT LOCATIONS, WHILE THE BUMP OR DIP CONDITION EXISTS.

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

MEMORIAL DAY, FOURTH OF JULY, LABOR DAY

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 THE WEEK	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
FRIDAY	6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N THURSDAY 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 \$50 FOR EACH MINUTE THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

WHEN RAISED PAVEMENT MARKERS ARE TO BE INSTALLED, THE REQUIRED LANE CLOSURE SHALL REMAIN IN EFFECT UNTIL THE EPOXY IS DRY AND ALL FOREIGN MATTER OR DEBRIS CREATED BY THE INSTALLATION OF THE RPM CASTING IS REMOVED FROM THE ROADWAY.

PEDESTRIAN WALKWAYS CONSTRUCTED BY THE CONTRACTOR SHALL BE KEPT FREE OF ANY OBSTRUCTIONS OR HAZARDS INCLUDING HOLES, DEBRIS AND MUD. OTHER WALKWAYS DAMAGED OR DIRTIED BY THE CONTRACTOR SHALL BE IMMEDIATELY REPAIRED OR CLEANED. THE CONTRACTOR MUST TAKE PRECAUTIONS TO PROTECT PEDESTRIANS FROM EXPOSURE TO HAZARDS RESULTING FROM THE CONSTRUCTION OPERATION BY INSTALLING CONSTRUCTION FENCE AND SIGNING.

TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE HAS BEEN PROVIDED HEREIN AS A TRAFFIC CONTROL DEVICE TO DIVERT AND GUIDE PEDESTRIANS WHOSE PATH WOULD OTHERWISE ENTER THE WORK AREA. THE TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE SHALL BE PLACED AROUND THE SIDEWALK WORK AREAS. SIDEWALK CLOSED SIGN (R9-9 (30 X 18)) MOUNTED ON A TYPE 3 BARRICADE WITH TYPE A FLASHING LIGHTS SHALL BE PLACED OUTSIDE THE FENCE ON EACH SIDEWALK APPROACH AS SHOWN ON SCD MT-101.60.

FOR REPAIR OR RECONSTRUCTION WORK INVOLVING SIDEWALKS ON BOTH SIDES OF THE STREET, THE WORK SHALL BE STAGED SO THAT ONE SIDE IS COMPLETED AND OPEN TO PEDESTRIAN TRAFFIC BEFORE THE OTHER IS DISRUPTED.

MAINTAINING TRAFFIC (CONTINUED)

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.

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 CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

ITEM	NOTIFICATION TIME TABLE	
	DURATION OF CLOSURE	NOTICE DUE TO PERMITS PIO
RAMP & ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	<= 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
	>= 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 RESTRICTION SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TABLE.

GENERAL NOTES


DESIGN AGENCY



DESIGNER: TLC
 REVIEWER: JPB
 PROJECT ID: 08-10-23
 SHEET: 102477
 TOTAL SHEETS: 13
 P.04

SHEET NUM.				PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.04	P.08	P.09	P.10	P.12	P.13						
										ROADWAY	
4,103						2,680	1,423	4,103	SY	WEARING COURSE REMOVED	
		20.42				14.26	6.16	20.42	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN	P.03
						500	500	1,000	EACH	EROSION CONTROL	
			540			440	100	540	FT	AGGREGATE DRAINS	
						100	120	220	CY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE)	
			540			440	100	540	CY	PAVEMENT REPAIR	
5,420		516					5,936	5,936	SY	PAVEMENT PLANING, ASPHALT CONCRETE (2.25")	
19,150		1,678				14,212	6,616	20,828	GAL	TACK COAT	
		9,589				6,698	2,891	9,589	GAL	PRIME COAT, AS PER PLAN	P.03
4,749		568				3,631	1,686	5,317	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M	
3,801		334				2,821	1,314	4,135	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	
161						109	52	161	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS), AS PER PLAN	P.03
		1,500				1,047	453	1,500	CY	COMPACTED AGGREGATE, AS PER PLAN	P.03
		23,973				16,745	7,228	23,973	SY	SHOULDER PREPARATION	
					22		22	22	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	P.13
										TRAFFIC CONTROL	
						952	413	1,365	EACH	RPM	
				1,365		952	413	1,365	EACH	RAISED PAVEMENT MARKER REMOVED	
				20.56		14.38	6.18	20.56	MILE	EDGE LINE, 6"	
				10.28		7.19	3.09	10.28	MILE	CENTER LINE	
				30		30		30	FT	STOP LINE	
										MAINTENANCE OF TRAFFIC	
20.56						56	38	94	EACH	WORK ZONE MARKING SIGN	
20.56						14.38	6.18	20.56	MILE	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	
						14.38	6.18	20.56	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
60						60		60	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT 6x4	
LS						LS	LS	LS	LS	MAINTAINING TRAFFIC	
						LS	LS	LS	LS	MOBILIZATION	
										INCIDENTALS	

GENERAL SUMMARY

DESIGN AGENCY 

DESIGNER: TLC
 REVIEWER: JPB
 PROJECT ID: 08-10-23
 SHEET: 102477
 TOTAL SHEETS: 13
 P.05