

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 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.

NOTIFICATION TIME TABLE		
ITEM	DURATION OF CLOSURE	NOTICE DUE TO OFFICE OF COMMUNICATIONS
RAMP & ROAD CLOSURES	>= 2 WEEKS	21 CALENDER DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDER DAYS PRIOR TO CLOSURE
	< 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDER DAYS PRIOR TO CLOSURE
	< 2 WEEKS	7 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDER 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 NOTIFICATION TIME TABLE.

THE PROJECT ENGINEER WILL FORWARD THIS INFORMATION TO THE FOLLOWING:

DISTRICT PUBLIC INFORMATION OFFICER (PIO):
ASHLEY RITTENHOUSE
FAX: (740) 373-3953
EMAIL: ASHLEY.RITTENHOUSE@DOT.OHIO.GOV

DISTRICT PERMIT SECTION:
LYNNETTE RICHARDS
FAX: (740) 373-3953
EMAIL: LYNNETTE.RICHARDS@DOT.OHIO.GOV

CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION:
FAX: (614) 728-4099
EMAIL: 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 THE ABOVE MENTIONED ITEMS VIA MEDIA SOURCES.

UTILITIES

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN

WHEN STATIONING THE RESURFACING PORTION OF THE PROJECT FOR QUANTITY CONTROL, THE REFERENCE IN 623.02 TO A REGISTERED PROFESSIONAL ENGINEER OR REGISTERED PROFESSIONAL SURVEYOR SHALL BE WAIVED. THE STAKES MAY BE PLACED BY THE CONTRACTOR'S PERSONNEL USING A MEASURING WHEEL.

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PREVIOUS CONSTRUCTION PLANS SHOWING THE ORIGINAL ALIGNMENT AND PROFILE, ARE AVAILABLE FOR INSPECTION AT THE ODOT DISTRICT 10 OFFICE. PLACE THE PROPOSED ASPHALT CONCRETE OVERLAY WITH A UNIFORM THICKNESS OF 1 3/4 & 1 1/2 INCHES AS SHOWN ON THE TYPICAL SECTIONS.

ITEM 614, MAINTAINING TRAFFIC

A MINIMUM OF 1 LANE (11') OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND THE COMPLETED PAVEMENT.

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 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.

PART-WIDTH CONSTRUCTION

BECAUSE OF THE NECESSITY TO BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN STAGES, EXERCISE CARE TO PREVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL JOINTS AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1.

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

VARIABLE WORK ZONE SPEED ZONES (VWZSZS) USING DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLIES

THE FOLLOWING WORK ZONE SPEED LIMIT REVISION(S) FOR VWZSZS USING DSL SIGN ASSEMBLIES HAS BEEN APPROVED FOR USE ON THIS PROJECT:

THE FOLLOWING TABLE PROVIDES DETAILS ON WORK ZONE SPEED ZONES APPROVED FOR USE ON THIS PROJECT:

WZSZ REVISION NUMBER	ROAD	BEGIN ZONE SLIM	END ZONE SLIM	DIRECTION	SPEED LIMIT (MPH)	SPECIFIC WARRANTING CONDITIONS & FACTORS
WZ-55275	WAS-77	6.38	13.21	NB	55	DURING WORK ACTIVITY

USE OF DSL SIGN ASSEMBLIES SHALL BE IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 808 AND STANDARD CONSTRUCTION DRAWING MT-104.10.

SIGN TOTALS:
ITEM 808 - DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY -----
----- 36 SIGN MONTH
ITEM 614, SPEED ZONE AHEAD SYMBOL SIGN 2 EACH
ITEM 614, RESUME LEGAL SPEED SIGN 2 EACH

BRIDGE TREATMENTS

CNTY	RT	SEC	SFN	EXISTING SURFACE	PROPOSED TREATMENT
WAS	77	6.78	8403155	CONCRETE	NO ASPHALT OVERLAY UNDER BRIDGE. SEE PAVEMENT TRANSITION DETAIL
WAS	77	7.98	8403244	CONCRETE	PAVE UNDER NO CHANGE IN TREATMENT
WAS	77	9.19	8403279	CONCRETE	NO ASPHALT OVERLAY UNDER BRIDGE. SEE PAVEMENT TRANSITION DETAIL
WAS	77	9.73	8403309	CONCRETE	PAVE UNDER NO CHANGE IN TREATMENT
WAS	77	10.34	8403333	CONCRETE	NO ASPHALT OVERLAY UNDER BRIDGE. SEE PAVEMENT TRANSITION DETAIL
WAS	77	11.53	8403392	CONCRETE	STOP AT PRESSURE RELIEF JOINT. REBUILD ASPHALT IN JOINT
WAS	77	12.08	8403457	CONCRETE	STOP AT PRESSURE RELIEF JOINT. REBUILD ASPHALT IN JOINT

QUANTITIES PROVIDED ON PAVEMENT SUBSUMMARY

PUBLIC SAFETY

THE PERIOD OF TIME THAT ANY HAZARD IS LEFT UNPROTECTED BY GUARDRAIL SHALL BE HELD TO AN ABSOLUTE MINIMUM, AND IN NO CASE SHALL AN OBJECT BE LEFT UNPROTECTED OVERNIGHT. ALL OBSTRUCTION SHALL BE PROTECTED AT THE END OF EACH WORKING DAY.

ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)

THIS ITEM SHALL BE USED TO FILL VOIDS IN THE EXISTING PORTLAND CEMENT CONCRETE INCLUDING, BUT NOT LIMITED TO: TRANSVERSE JOINTS, LONGITUDINAL JOINTS AND SPALLS. TACK COST SHALL BE APPLIED TO HORIZONTAL SURFACES DETERMINED BY THE ENGINEER. PAYMENT FOR THE ASPHALT CONCRETE SHALL INCLUDE PREPARING THE JOINTS FOR PAVING. PREPERATION SHALL INCLUDE REMOVING ANY REMAINING JOINT SEALS AND CLEANING VOIDS AS SPECIFIED IN C.M.S. 423.03 AND 423.05

15 CY HAS BEEN CARRIED TO THE GENERAL SUMMARY

ITEM 451 - SPECIAL-PRESSURE RELIEF JOINT, TYPE A,

THIS ITEM SHALL BE USED TO REMOVE AND REPLACE EXISTING ASPHALT CONCRETE IN PRESSURE RELIEF JOINTS.

ITEM 606 - IMPACT ATTENUATOR REBUILT, TYPE 1 (BIDIRECTIONAL) AS PER PLAN

THIS ITEM SHALL BE USED TO REBUILD EXISTING GUARDRAIL IMPACT ATTENUATORS.

ITEM 606 - ANCHOR ASSEMBLY, TYPE B & E

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND, THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE.

THE FACE OF THE TYPE B & E IMPACT HEAD SHALL BE COVERED WITH TYPE G REFLECTIVE SHEETING, PER CMS 730.19.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, GUARDRAIL AND ANCHOR ASSEMBLY, TYPE B & E, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY AND GURADRAIL SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED THE MANUFACTURER.

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SHEET NUM.									PART.	ALT	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE
3	5	6	7	8	9			01/IMS/PV	(X)	EXT	TOTAL					
					2800			2800		202	23001	2,800	SY	ROADWAY		9
			12350					12350		606	17000	12,350	FT	PAVEMENT REMOVED, AS PER PLAN		
			1979					1979		606	17700	1,979	EACH	RAISING TYPE 5 GUARDRAIL		
			1					1		606	27840	1	EACH	REPLACE EXISTING GUARDRAIL BLOCKOUT		
			4					4		606	27850	4	EACH	ANCHOR ASSEMBLY REBUILT, TYPE B		
														ANCHOR ASSEMBLY REBUILT, TYPE E		
			13					13		606	27900	13	EACH	ANCHOR ASSEMBLY REBUILT, TYPE T		
			437.5					437.5		606	16600	437.5	FT	GUARDRAIL REBUILT, BARRIER DESIGN, TYPE 5		
			2					2		606	60070	2	EACH	IMPACT ATTENUATOR REBUILT, TYPE 1 (BIDIRECTIONAL), AS PER PLAN		3
			159					159		626	00110	159	EACH	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL		
														PAVEMENT		
	2744				760			760		252	01000	760	SY	FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT		
										254	01010	2,744	SY	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, 1.5"		
					3692			3692		255	10010	3,692	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1		
					21400			21400		255	20000	21,400	FT	FULL DEPTH PAVEMENT SAWING		
					60			60		256	10000	60	SF	BONDED PATCHING OF PORTLAND CEMENT CONCRETE PAVEMENT, TYPE A		
														DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT		
	11560							11560		407	13900	11,560	GAL	TACK COAT, 702.13		
	7229							7229		407	20000	7,229	GAL	NON-TRACKING TACK COAT		
				10025				10025		408	10000	10,025	GAL	PRIME COAT		
15	145				180			340		441	50200	340	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)		
										441	50700	388	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL)		
	6024			388				6024		442	10300	6,024	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447)		
	7027							7027		442	10100	7,027	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)		
	164							164		SPECIAL	45130000	164	FT	PRESSURE RELIEF JOINT, TYPE A		3
					2800			2800		452	12010	2,800	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P		
										617	10100	1,131	CY	COMPACTED AGGREGATE		
	12.8			1131				12.8		618	40600	12.8	MILE	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)		
														TRAFFIC CONTROL		
			433					433		621	00100	433	EACH	RPM		
			433					433		621	54000	433	EACH	RAISED PAVEMENT MARKER REMOVED		
			13.12					13.12		807	14010	13.12	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6"		
			6.56					6.56		807	14110	6.56	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6"		
			19.68					19.68		850	10010	19.68	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)		
														MAINTENANCE OF TRAFFIC		
2								2		614	12410	2	EACH	SPEED ZONE AHEAD SYMBOL SIGN		
2								2		614	12490	2	EACH	RESUME LEGAL SPEED SIGN		
			13.12					13.12		614	20110	13.12	MILE	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT		
			13.12					13.12		614	20510	13.12	MILE	WORK ZONE LANE LINE, CLASS II, 6", 642 PAINT		
			26.24					26.24		614	22110	26.24	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT		
			0.4					0.4		614	22210	0.4	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I		
36		910						910		614	24402	910	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I		
								36		808	18700	36	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY		
														INCIDENTALS		
								LS		614	11000	LS		MAINTAINING TRAFFIC		
								LS		623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN		3
								LS		624	10000	LS		MOBILIZATION		

GENERAL SUMMARY

WAS-77-6.63