

ITEM 614, MAINTAINING TRAFFIC

DURING ALL MOT PHASES A MINIMUM OF ONE, THROUGH LANE OF TRAFFIC IN EACH DIRECTION ON US-35 SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT, AND TEMPORARY SURFACES USING ITEMS 410 AND 614. CLARY ROAD, DIXON RUN ROAD, AND US-35 TURNING MOVEMENTS MAY BE CLOSED AND DETOURED AS DETAILED ON THE DETOUR SHEETS.

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.

ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS AND SPECIAL EVENTS)

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES, EXCEPT FOR LANES CLOSED BY PCB, SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR SPECIAL EVENTS:

NEW YEAR'S (OBSERVED)	GENERAL/REGULAR ELECTION DAY (NOV)
MEMORIAL DAY	THANKSGIVING
FOURTH OF JULY (OBSERVED)	CHRISTMAS (OBSERVED)
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 SPECIAL EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR SPECIAL 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 (GEN./REG. ELECTION)
TUESDAY	5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY (THANKSGIVING ONLY)
THURSDAY	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

NEWLY CONSTRUCTED LANE ADDITIONS, ONCE COMPLETED AND INITIALLY OPENED TO TRAFFIC, SHALL BE OPEN TO TRAFFIC DURING ALL SUBSEQUENT DESIGNATED HOLIDAYS AND SPECIAL EVENTS, AND RELATED PERIODS OF TIME, SPECIFIED ABOVE.

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, MAINTAINING TRAFFIC (LANE CLOSURE/REDUCTION REQUIRED)

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.

PHASE 1 MOT SHALL BE COMPLETED PRIOR TO NOVEMBER 15, 2026. DUE TO WINTER SNOW REMOVAL OPERATIONS, PHASE 2 MOT MAY NOT BEGIN PRIOR TO APRIL 1, 2027 UNLESS ANOTHER SUITABLE DATE IS APPROVED BY THE ENGINEER.

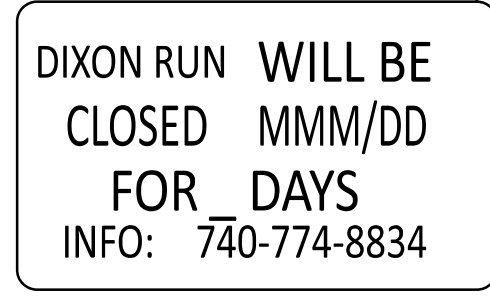
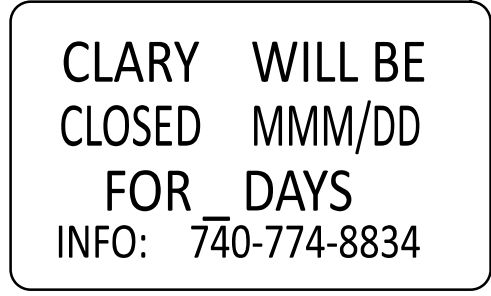
ITEM 614, MAINTAINING TRAFFIC (NOTICE OF CLOSURE SIGN)

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. AT THE APPROVAL OF THE ENGINEER, PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED IN LIEU OF THE STANDARD FLATSHEET SIGN FOR CLOSURE DURATIONS OF LESS THAN 1 WEEK.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTICE OF CLOSURE SIGN TIME TABLE

ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMP & ROAD CLOSURES	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE



W20-H13-60

W20-H13-60

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MM/DD/YY FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

ITEM 614, MAINTAINING TRAFFIC (ESTIMATED QUANTITIES)

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DETERMINED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

- ITEM 614, ASPHALT CONCRETE FOR MAINTAINING TRAFFIC, 15 CU. YD.
- ITEM 616, WATER, 50 M. GAL.

ITEM 614, MAINTAINING TRAFFIC (ROAD CLOSED SIGN)

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE LOCATIONS SHOWN IN THE PLANS DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

ITEM 614, MAINTAINING TRAFFIC (SIGNS AND BARRICADES)

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES OF THE TYPE AND LOCATION AS SHOWN IN THE PLANS.

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.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR DUST CONTROL PURPOSES:

ITEM 616, WATER	15 M. GAL.
-----------------	------------

WORK ZONE MARKINGS AND SIGNS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE MOT LUMP SUM PAY ITEM FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF C&MS 614.04 AND 614.11.

ITEM 614, WORK ZONE MARKING SIGN	2 EA.
ITEM 614, WORK ZONE TYPE 3 BARRICADE	9 EA.

RESTORATION OF EXISTING MARKINGS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR RESTORATION OF EXISTING PAVEMENT MARKINGS BEYOND THE LIMITS OF THE TRAFFIC CONTROL PLANS.

ITEM 644, LANE LINE, 6"	0.65 MI.
-------------------------	----------

WORK ZONE SPEED ZONES (WZSZS)

THE FOLLOWING WORK ZONE SPEED ZONE (WZSZ) SPEED LIMIT REVISION(S) ARE WAITING TO BE APPROVED FOR USE ON THIS PROJECT WHEN WORK ZONE CONDITIONS AND FACTORS ARE MET AS DESCRIBED BELOW:

WZSZ REVISION NUMBER(S)	COUNTY-ROUTE-SECTION(S)	DIRECTION(S)
WZ -	JAC-35	EASTBOUND AND WESTBOUND
WZ -	JAC-35	EASTBOUND AND WESTBOUND

POTENTIAL WZSZ LOCATIONS SHALL HAVE AN ORIGINAL (PRE-CONSTRUCTION) POSTED SPEED LIMIT OF 55 MPH OR GREATER, A QUALIFYING WORK ZONE CONDITION OF AT LEAST 0.5 MILE IN LENGTH, AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS, AND A WORK ZONE CONDITION IN PLACE THAT REDUCES THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS (I.E., LANE CLOSURE, LANE SHIFT, CROSSEVER, CONTRAFLOW AND/OR SHOULDER CLOSURE). THE LENGTH OF THE WORK ZONE CONDITION IS MEASURED FROM THE BEGINNING OF THE TAPER FOR THE SUBJECT WORK ZONE CONDITION IMPACTING THE TRAVEL LANES AND/OR SHOULDER TO THE END OF THE DOWNSTREAM TAPER, WHERE DRIVERS ARE RETURNED TO TYPICAL ALIGNMENT.

WORK ZONE SPEED ZONES (WZSZS) (CONT'D)

IF THE WORK ZONE MEETS THESE MINIMUM CRITERIA, IT SHALL BE ANALYZED FURTHER USING TABLE 1 BELOW TO DETERMINE IF AND WHEN IT QUALIFIES FOR A SPEED LIMIT REDUCTION. DEPENDING ON THE ORIGINAL POSTED SPEED LIMIT, THE TYPE OF TEMPORARY TRAFFIC CONTROL USED, AND WHETHER OR NOT WORKERS ARE PRESENT, A WARRANTED WZSZ WILL VARY IN THE APPROVED SPEED LIMIT TO BE POSTED OVER TIME.

C&MS ITEM 614, PARAGRAPH 614.02(B), INDICATES THAT TWO DIRECTIONS OF A DIVIDED HIGHWAY ARE CONSIDERED SEPARATE HIGHWAY SECTIONS. THEREFORE, IF THE WORK ON A MULTI-LANE DIVIDED HIGHWAY IS LIMITED TO ONLY ONE DIRECTION, A SPEED LIMIT REDUCTION IN THE DIRECTION OF THE WORK DOES NOT AUTOMATICALLY CONSTITUTE A SPEED LIMIT REDUCTION IN THE OPPOSITE DIRECTION. EACH DIRECTION SHALL BE ANALYZED INDEPENDENTLY FROM EACH OTHER.

ALL WZSZS FLUCTUATE BETWEEN TWO APPROVED REDUCED SPEED LIMITS OR BETWEEN AN APPROVED REDUCED SPEED LIMIT AND THE ORIGINAL POSTED SPEED LIMIT. ONLY ONE OF TWO SIGNING STRATEGIES SHALL BE USED TO IMPLEMENT A WZSZ.

WZSZS USING DSL SIGN ASSEMBLIES SHALL BE IN ACCORDANCE WITH THIS NOTE, APPROVED LIST, SUPPLEMENTAL SPECIFICATIONS (SS) 808 AND 908, AND TRAFFIC SCD MT-104.10.

ONLY ONE WARRANTED SPEED LIMIT APPLIES AT ANY ONE TIME; SPEED LIMIT REDUCTIONS ARE NOT CUMULATIVE. WZSZS SHALL NOT BE USED FOR MOVING/MOBILE ACTIVITIES, AS DEFINED IN OMTCD PART 6.

WHEN LOOKING UP THE WARRANTED WORK ZONE SPEED LIMITS, ALWAYS USE THE ORIGINAL, PRE-CONSTRUCTION, POSTED SPEED LIMIT. DO NOT USE A PRIOR OR CURRENT WORK ZONE SPEED LIMIT AS A LOOK UP VALUE IN THE TABLE. POSITIVE PROTECTION IS GENERALLY REGARDED AS PORTABLE BARRIER OR OTHER RIGID BARRIER IN USE ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WITHOUT POSITIVE PROTECTION IS GENERALLY REGARDED AS USING DRUMS, CONES, SHADOW VEHICLE, ETC., ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WORKERS ARE CONSIDERED AS BEING PRESENT WHEN ON-SITE, WORKING WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WHEN THE WORK ZONE CONDITION REDUCING THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS IS REMOVED, THE SPEED LIMIT DISPLAYED SHALL RETURN TO THE ORIGINAL POSTED SPEED LIMIT.

TABLE 1: WARRANTED WORK ZONE SPEED LIMITS (MPH) FOR WORK ZONES ON HIGH-SPEED (55 MPH OR GREATER) MULTI-LANE HIGHWAYS

ORIGINAL POSTED SPEED LIMIT	WITH POSITIVE PROTECTION		WITHOUT POSITIVE PROTECTION	
	WORKERS PRESENT	WORKERS NOT PRESENT	WORKERS PRESENT	WORKERS NOT PRESENT
70	60	65	55	65
65	55	60	50	60
60	55	60	50	60
55	50	55	45	55

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 808, DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY 12 SIGN MNTH ASSUMING 2 DSL SIGN ASSEMBLY(IES) FOR 6 MONTHS

DESIGN AGENCY



DESIGNER
CLK


REVIEWER
JAR 2-6-26

PROJECT ID
118107

SHEET TOTAL
P.7 | P.103

SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
P.7	P.8	P.10	P.11	P.86	P.87	P.88	P.89	P.97			01/NHS	EXT	TOTAL				
								5			5	625	30700	5	EACH	LIGHTING (CONT.)	
								12			12	625	32000	12	EACH	PULL BOX, 725.08, 18"	
								1			1	625	34001	1	EACH	GROUND ROD	
								2,519			2,519	625	36010	2,519	FT	POWER SERVICE, AS PER PLAN	P.96
								51			51	632	69600	51	FT	UNDERGROUND WARNING/MARKING TAPE	
																SERVICE CABLE, 2 CONDUCTOR, NO. 4 AWG	
																TRAFFIC CONTROL	
							33				33	620	60001	33	EACH	DELINEATOR, POST SURFACE MOUNTED, AS PER PLAN, TYPE C, WHITE	P.85
							32				32	620	60001	32	EACH	DELINEATOR, POST SURFACE MOUNTED, AS PER PLAN, TYPE D, YELLOW	P.85
							62				62	620	70010	62	FT	DELINEATOR, MISC.:PLASTIC CURB AND DELINEATORS	P.85
				37	91		19				147	621	00100	147	EACH	RPM	
								415			415	630	03100	415	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
											16	630	08600	16	EACH	SIGN POST REFLECTOR	
											192	630	80100	192	SF	SIGN, FLAT SHEET	
											29	630	84900	29	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
											28	630	86002	28	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
				1.42							1.42	644	00104	1.42	MILE	EDGE LINE, 6"	
				0.57							0.57	644	00204	0.57	MILE	LANE LINE, 6"	
							0.14				0.14	644	00300	0.14	MILE	CENTER LINE	
							3,340				3,340	644	00404	3,340	FT	CHANNELIZING LINE, 12"	
								37			37	644	00500	37	FT	STOP LINE	
							309				309	644	00700	309	FT	TRANSVERSE/DIAGONAL LINE	
							257				257	644	00720	257	FT	CHEVRON MARKING	
							20				20	644	01300	20	EACH	LANE ARROW	
				2							2	644	01350	2	EACH	LANE REDUCTION ARROW	
				758			115				873	644	01510	873	FT	DOTTED LINE, 6"	
																MAINTENANCE OF TRAFFIC	
	60										60	301	56000	60	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
	60										60	304	20000	60	CY	AGGREGATE BASE	
	60										60	407	10000	60	GAL	TACK COAT	
	60										60	408	10000	60	GAL	PRIME COAT	
	30										30	441	50000	30	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
	80										80	614	11110	80	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
			3	1							4	614	12380	4	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
	2										2	614	12460	2	EACH	WORK ZONE MARKING SIGN	P.7
	15	20									35	614	13000	35	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
			108	21							129	614	13310	129	EACH	BARRIER REFLECTOR, TYPE 1, 1-WAY	
			108	21							129	614	13350	129	EACH	OBJECT MARKER, ONE WAY	
				0.42							0.42	614	20110	0.42	MILE	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT	
		1	0.02								1.02	614	21100	1.02	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
			1.66	1.39							3.05	614	22110	3.05	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	
			2,321	720							3,041	614	24202	3,041	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT	
			31								31	614	25200	31	FT	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT	
			23								23	614	26200	23	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	
	65	20									85	616	10000	85	MGAL	WATER	
		120									120	617	10100	120	CY	COMPACTED AGGREGATE	
			5,360	1,080							6,440	622	41100	6,440	FT	PORTABLE BARRIER, UNANCHORED	
		1									1	642	00300	1	MILE	CENTER LINE, TYPE 1	
			2,160	720							2,880	642	30000	2,880	FT	REMOVAL OF PAVEMENT MARKING	
	0.65										0.65	644	00204	0.65	MILE	LANE LINE, 6"	
	6										6	808	18700	6	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY	P.7
																INCIDENTALS	
											LS	614	11000	LS		MAINTAINING TRAFFIC	
											15	619	16000	15	MNTH	FIELD OFFICE, TYPE A	
											LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
											LS	624	10000	LS		MOBILIZATION	
											LS	878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	

GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER
 HBK
 REVIEWER
 JRE 01/15/25
 PROJECT ID
 118107
 SHEET TOTAL
 P.43 P.103