

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.

PAVEMENT MARKING

THESE ITEMS OF WORK SHALL BE USED TO PLACE NEW PERMANENT PAVEMENT MARKINGS ON THE STRUCTURES BEING SEALED.

ITEM 642, EDGE LINE, 6", TYPE 1	1.07 MILE
WHITE - 3395 FT / 5280 FT/MILE = 0.64	
YELLOW - 1135 FT / 5280 FT/MILE x 2 = 0.43	
TOTAL = 1.07 MILE	
ITEM 642, LANE LINE, 6", TYPE 1	0.21 MILE
1135 FT / 5280 FT/MILE = 0.21	
ITEM 642, CENTERLINE (DOUBLE SOLID), TYPE 1	0.21 MILE
1131 FT / 5280 FT/MILE = 0.21	

WORK ZONE PAVEMENT MARKINGS AND SIGNS

THE CONTRACTOR SHALL BE REQUIRED TO INSTALL WORK ZONE MARKINGS AND SIGNS AT EACH STRUCTURE AND AT LOCATIONS IDENTIFIED BY THE ENGINEER PER THE REQUIREMENTS OF C&M 614.04 AND 614.11.

ALL WORK ZONE PAVEMENT MARKINGS SHALL BE PLACED PRIOR TO OPENING THE LANE TO TRAFFIC.

WORK ZONE PAVEMENT MARKINGS SHALL BE 642 PAINT.

PRIOR TO PLACEMENT OF ANY WORK ZONE PAVEMENT MARKINGS, THE CONTRACTOR SHALL COMPLETELY OBLITERATE, AS PER C&M 641.10, ALL EXISTING PAVEMENT MARKINGS THAT WOULD CREATE CONFUSION OR CONFLICT WITH THE WORK ZONE PAVEMENT MARKINGS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR WORK ZONE PAVEMENT MARKINGS:

ITEM 614, WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT 1135 FT / 5280 FT/MILE = 0.21	0.21 MILE
ITEM 614, WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (1135x2 + 1135)/(1135x2) / 5280 FT/MILE x 2 = 1.07	1.07 MILE
ITEM 614, WORK ZONE CENTERLINE (DOUBLE SOLID), CLASS III, 642 PAINT 1131 FT / 5280 FT/MILE = 0.21	0.21 MILE

WORK ZONE RAISED PAVEMENT MARKERS CANNOT BE USED TO REPLACE ANY TYPE OF WORK ZONE PAVEMENT MARKING.

ITEM 614 - MAINTAINING TRAFFIC

TRAFFIC ON FOUR-LANE HIGHWAYS (I.R. 77 LOCATIONS) SHALL BE MAINTAINED AT ALL TIMES BY MEANS OF A SINGLE LANE CLOSURE AS SHOWN ON STD. DWG. MT-95.30 AND IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. OPERATIONS SHALL BE DURING DAYLIGHT HOURS ONLY.

TRAFFIC ON TWO-LANE HIGHWAYS (U.S. 36 & U.S. 22 LOCATIONS) SHALL BE MAINTAINED AT ALL TIMES BY MEANS OF A SINGLE LANE CLOSURE AS SHOWN ON STD. DWG. MT-97.10 AND IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. OPERATIONS SHALL BE DURING DAYLIGHT HOURS ONLY.

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

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 HOLIDAY	TIME ALL LANES MUST BE OPEN TO TRAFFIC: OR EVENT:
SUNDAY	12:00 NOON FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00 NOON FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00 NOON MONDAY THROUGH 6:00 AM
WEDNESDAY	12:00 NOON TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00 NOON WEDNESDAY THROUGH 6:00 AM FRIDAY
FRIDAY	12:00 NOON THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00 NOON FRIDAY THROUGH 6:00 AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS ON LOCATIONS ON I.R. 77, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN127).

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS ON LOCATIONS ON U.S. 22, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE OF \$1200 PER HOUR THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS ON LOCATIONS ON U.S. 36, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE OF \$2700 PER HOUR THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

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ITEM 614 - MAINTAINING TRAFFIC

(CONTINUED...)

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 ITEM 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.

WATERS OF THE US

WATERS OF THE US HAVE BEEN IDENTIFIED WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL EXERCISE CAUTION TO ENSURE THAT NO IMPACTS OCCUR TO WATERS OF THE US. NO TEMPORARY OR PERMANENT FILL OF ANY TYPE MAY BE PLACED IN ANY STREAM OR WETLAND AS PART OF THIS PROJECT. ANY ACTIVITIES OCCURRING IN STREAMS OR WETLANDS WOULD REQUIRE PERMITS FROM THE US ARMY CORPS OF ENGINEERS AND/OR THE OHIO EPA.

ANY OTHER SITE PROPOSED BY THE CONTRACTOR FOR OFF PROJECT ANCILLARY CONSTRUCTION (STAGING AREAS, WASTE LOCATIONS, AND/OR BORROW LOCATIONS) MUST MEET THE REQUIREMENTS OF CMS 105.16.

PAVEMENT MARKING REMOVAL

THESE ITEMS OF WORK SHALL BE USED TO REMOVE EXISTING PAVEMENT MARKING PRIOR TO THE STRUCTURES BEING SEALED.

ITEM 512, REMOVAL OF EXISTING PAVEMENT MARKING	
EDGE LINE, WHITE -	3395 FT
EDGE LINE, YELLOW -	1135 FT
LANE LINE -	1135 FT
CENTER LINE -	1131 FT
TOTAL	6796 FT

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 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 PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WEEKS	21 CALANDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALANDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALANDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALANDAR 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.

LANE VALUE CONTRACT TABLE

DESCRIPTION OF CRITICAL LANE/RAMP TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
2 LANES OF TUS-77 AT SLM 3.78 AND SLM 3.88	AT ALL TIMES	HOURLY	\$5,100
2 LANES OF TUS-77 AT SLM 19.80	AT ALL TIMES	HOURLY	\$6,300

DESIGN AGENCY	SAH
DESIGNER	SAH
REVIEWER	DAH
PROJECT ID	11-6-20
	101354
SHEET	TOTAL
P.3	5

