PERMANENT PAVEMENT MARKINGS

AFTER PLACING THE SURFACE COURSE, THE CONTRACTOR MAY PLACE PERMANENT PAVEMENT MARKINGS INSTEAD OF PLACING WORK ZONE PAVEMENT MARKINGS, WHICH SHALL BE NON-PERFORMED AT THESE LOCATIONS.

PERMANENT PAVEMENT MARKINGS SHALL BE IN PLACE AS INDICATED IN THE PLANS PRIOR TO OPENING THE ROADWAY TO TRAFFIC.

CONTINUOUS ACCESS

THE CONTRACTOR SHALL MAINTAIN SAFE AND ADEQUATE DRIVEWAYS AND WALKWAYS IN ORDER TO PROVIDE CONTINUOUS ACCESS FOR PASSENGER VEHICLES, TRUCKS, AND SAFETY EQUIPMENT TO ALL ADJOINING PROPERTIES.

THE COST FOR ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO PROVIDE CONTINUOUS ACCESS SHALL BE INCLUDED IN THE LUMP SUM PRICE TOR SP 614 MAINTAINING TRAFFIC.

COVERING OF GROUND-MOUNTED SIGNS- GENERAL

WHEN REQUIRED BY OTHER ITEMS OR INCIDENTALLY TO SP 614 MAINTAINING TRAFFIC, COVER EXISTING GROUND-MOUNTED SIGNS WITH PLYWOOD OR OSB BLANKS (1/2" MINIMUM THICKNESS) COVERING 80% OF THE SIGN AREA AND ALL OF THE SIGN LEGEND. THE USE OF LOW QUALITY MATERIALS SUCH AS DUCT TAPE AND BLACK PLASTIC IS NOT PERMITTED.

ITEM 630 - SIGNING MISC.: ADDITIONAL SIGNS. GROUND MOUNTED. AS DIRECTED BY THE ENGINEER

WHEN ADDITIONAL SIGNING IS NEEDED TO MAINTAIN TRAFFIC, THE CONTRACTOR SHALL FURNISH THE SIGN OR SIGNS AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL BE GROUND MOUNTED AND MEET ALL THE SPECIFICATIONS OF THE PLAN, PROPOSAL AND CURRENT YEAR CMS.

PAYMENT FOR THIS ITEM SHALL INCLUDE, BUT NOT BE LIMITED TO, THE COST TO FURNISH AND ERECT THE SIGN, INCLUDING DRIVING POSTS OR OTHER APPROVED METHODS OF SIGN SUPPORT, MAINTAINING THE SIGN AND REMOVAL OF THE SIGN. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 630, SIGNING MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER..... 16 SQ FT

ITEM 614 - REPLACEMENT SIGN

FLAT SHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE CHIEF ENGINEER. REPLACEMENT SIGNS SHALL BE NEW. OTHER MATERIALS MAY BE IN USED, BUT GOOD, CONDITION SUBJECT TO APPROVAL BY THE CHIEF ENGINEER.

PAYMENT FOR THE NEW SIGNS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT SIGN, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING THE NECESSARY REPLACEMENT HARDWARE, SUPPORTS, ETC. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 614, REPLACEMENT SIGN..... 5 EACH

CONSTRUCTION TRAFFIC

ALL CONSTRUCTION TRAFFIC SHALL USE ACCEPTABLE TRUCK ROUTES TO ACCESS THE CONSTRUCTION AREA. USE OF LOCAL RESIDENTIAL STREETS IS STRICTLY PROHIBITED UNLESS ALLOWED IN WRITING BY THE LOCAL ENFORCEMENT AUTHORITY.

ITEM 642 -PAVEMENT MARKING MISC: FINAL PAVEMENT MARKING PREPARATION

THIS ITEM SHALL CONSIST OF APPLYING A BASE LAYER OF PAVEMENT MARKING PRIOR TO THE PLACEMENT OF FINAL MARKINGS.

IF FINAL PAVEMENT MARKING WILL BE PLACED WHERE 614.11 OR SP 614B PAVEMENT MARKINGS WERE REMOVED BY EITHER SP 614C GRINDING METHOD OR WATER-BLAST METHOD, THEN THE ASPHALT PAVEMENT MUST FIRST BE PREPPED BY APPLYING A BLACK SHADOW MARKING. THE BLACK SHADOW MARKING SHALL CREATE A 1-INCH BORDER AROUND THE FINAL MARKING BEING PLACED.

THE BLACK SHADOW MARKING SHALL BE NON-REFLECTIVE AND PLACED AT THE SAME RATE AS ITEM 642 TYPE 1 MARKINGS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER PRIOR TO THE PLACEMENT OF WORK ZONE PAVEMENT MARKINGS.

ITEM 642-PAVEMENT MARKING MISC.: FINAL PAVEMENT MARKING PREPARATION.....1.36 MILE

ITEM 614 - WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL OR BIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING A NON-GATING IMPACT ATTENUATOR. FURNISH AN IMPACT ATTENUATOR FROM THE OFFICE OF ROADWAY ENGINEERING APPROVED LIST FOR WORK ZONE IMPACT ATTENUATORS, FROM THE ROADWAY STANDARDS APPROVED PRODUCTS WEB PAGE.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE CONTRACTOR SHALL REPAIR OR REPLACE A DAMAGED UNIT WITHIN 24 HOURS OF A DAMAGING IMPACT.

WHEN BIDIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS.

WHEN GATING IMPACT ATTENUATORS ARE DESIRED, THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE ENGINEER FOR ACCEPTANCE.

THE COST FOR THE ADDITIONAL BARRIER REQUIRED FOR A GATING IMPACT ATTENUATOR SHALL BE INCLUDED IN THE COST OF THE GATING IMPACT ATTENUATOR.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT AND MAINTAIN A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ESTIMATED QUANTITIES FOR MAINLINE WORK ZONES

THE FOLLOWING MAINTENANCE OF TRAFFIC SUBSUMMARY HAS BEEN PROVIDED FOR PAY ITEMS REQUIRED FOR MAINTENANCE OF TRAFFIC WORK ZONES SET UP ON MAINLINE AS DESCRIBED IN THE SEQUENCE OF CONSTRUCTION NOTE.

MAINTENANCE OF TRAFFIC SUBSUMMARY

LOCATION	614 WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL)	614 OBJECT MARKER, ONE WAY	614 WORK ZONE EDGE LINE, CLASS 1, 642 PAINT (4")	SP 622 PORTABLE BARRIER (WITHOUT GLARE SCREEN)
	EACH	EACH	MILE	LUMP
I-80 @ MP 27.3 SPIES-HANDY CORNER ROAD	2	8	0.34	
I-80 @ MP 32.2 HARTMAN-INLET ROAD	2	8	0.34	
I-80 @ MP 37.1 BIDDLE SCOTT ROAD	2	8	0.34	
MP 46.6 BRAILEY ROAD	2	8	0.34	
TOTALS CARRIED TO GENERAL SUMMARY	8	32	1.36	1

1

REQUIRED CONSTRUCTION COORDINATION

THE CONTRACTOR SHALL BE AWARE THAT IT IS EXPECTED THAT THE CONTRACTOR SHALL COOPERATE AND COORDINATE TEMPORARY TRAFFIC CONTROL ZONES WITH AN ADJACENT TURNPIKE PAVING PROJECT 59-23-01 (LOCATED FROM MP 14.8 TO MP 27.5). THE COST OF COORDINATING THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR THE COORDINATING AND PLANNING OF THE TEMPORARY TRAFFIC CONTROL ZONES.

DESIGN AGENCY
GPD GROUP®
Gaus, Pyle, Schomer, Burns & Deneen, Inc.
Firm Registration No. 2341 & 8435/8436
5500 Transportation Boulevard, Suite 100 Cleveland, Ohio 44125

Copyright: Gaus, Pyle, Schomer, Burns & Deneen, Inc. 2021

NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 1	TJW	1/11/23
-	-	-	-
-	-	-	-

DESIGNED DLS | CHECKED AKF
DRAWN DLS | IN CHARGE TJW

OHIO TURNPIKE

FULTON COUNTY

MAINTENANCE OF TRAFFIC
GENERAL NOTES

PROJECT 43-23-02
DATE: 11-04-22

3 / 7

11 / 148

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

2020348MN001.dwg; 1/11/23 - 3:43pm