

IN ADDITION TO THE REQUIREMENTS OF SECTION 640 THE FOLLOWING SHALL APPLY:

**MATERIALS:**

THE MATERIALS USED ON THIS PROJECT FOR ITEM 642 SHALL BE FAST DRY. ALL MATERIALS FOR ITEM 642 SHALL CONFORM TO THE SPECIFICATIONS OUTLINE UNDER ITEM 642 IN THE CONSTRUCTION AND MATERIAL SPECIFICATIONS 2019.

**MATERIAL QUANTITY MEASUREMENT:**

THE LOCATION DESCRIPTIONS GIVEN IN THE REMARK COLUMN ARE FOR GENERAL REFERENCE ONLY AND ARE NOT TO BE USED FOR PAY QUANTITIES. THE CONTRACTOR SHALL LOCATE AND PAINT THE ROADWAY FROM BEGINNING STRAIGHT LINE DISTANCE TO ENDING STRAIGHT LINE DISTANCE.

A DAYS APPLIED MARKING OF LESS THAN 10 MILES OR A DAYS APPLIED QUANTITY OF LESS THAN 1 GALLON OF MARKING MATERIAL USED TO APPLY OTHER TYPES OF MARKING MAY BE INCLUDED IN THE NEXT DAY'S APPLIED MARKINGS FOR THE PURPOSE OF COMPUTING MARKING MATERIAL AND BEAD APPLICATION RATES.

THE QUANTITY OF MARKING MATERIAL USED SHALL BE DETERMINED BY MEASURING THE MARKING MATERIAL BEFORE AND AFTER THE MARKING MATERIAL IS APPLIED. THE CONTRACTOR SHALL PROVIDE MEASUREMENTS WHENEVER REQUESTED BY THE ENGINEER. THE MARKING MATERIAL APPLICATION RATE SHALL BE DETERMINED BY DIVIDING THE TOTAL GALLON USED BY THE APPROPRIATE MARKING LENGTH AS DETERMINED FROM THE ELECTRICAL COUNTER AS DESCRIBED WITHIN 641.04.

ANY DETERMINATION OF PAY DEDUCTION RESULTING FROM SHORTAGES IN MARKING QUANTITIES SHALL BE BASED ON THE MEASUREMENTS OBTAINED BY THIS METHOD. THE AMOUNT OF GLASS BEADS APPLIED SHALL BE ASCERTAINED BY THE ENGINEER BY OBSERVATION AND FROM INFORMATION SUPPLIED BY THE CONTRACTOR AS THE QUANTITY USED.

**CENTER LINE EQUIVALENT SOLID LINE:**

THE EQUIVALENT SOLID LINE QUANTITIES (TAKEN FROM THE DISTRICT NO-PASSING ZONE LOG) ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR TO ESTIMATE THE APPROXIMATE QUANTITY OF CENTERLINE PAVEMENT MARKING MATERIAL NEEDED. THESE EQUIVALENT SOLID LINE QUANTITIES ARE NOT TO BE UTILIZED FOR PAY QUANTITIES OR AS BASIS OF PAYMENT FOR DELIVERED MATERIALS.

**NOTIFICATION OF CONSTRUCTION INITIATION:**

AT LEAST FOURTEEN DAYS PRIOR TO STARTING INITIAL CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL ADVISE THE DISTRICT OFFICE OF COMMUNICATIONS VIA EMAIL AT d06.pio@dot.ohio.gov, THE DISTRICT WORK ZONE TRAFFIC MANAGER VIA EMAIL AT d06.mot@dot.ohio.gov AND THE CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION BY FAX AT (614) 728-4099 OF THE ANTICIPATED START DATE OF ANY CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE PLACING OF WORK ZONE SIGNS. THE NOTIFICATION SHALL ALSO INCLUDE THE PROJECT NUMBER, PID, NAME AND PHONE NUMBER OF THE CONTRACTOR, A POINT OF CONTACT AND THE ANTICIPATED IMPACT ON TRAFFIC. THE CONTRACTOR WILL IMMEDIATELY INFORM THE DISTRICT OFFICE OF COMMUNICATIONS AND THE DISTRICT WORK ZONE TRAFFIC MANAGER OF ANY AND ALL DELAYS AND/OR CHANGES REGARDING THE CONSTRUCTION INITIATION DATE.

**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. 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 SHOULD LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED,

DETOUR ROUTES IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

ITEM	DURATION OF CLOSURE	NOTIFICATION DUE TO DISTRICT 6 COMMUNICATIONS OFFICE
RAMP AND ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS AND < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES/ RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME FRAME TABLE.

**SEQUENCE OF APPLICATION OF PAVEMENT MARKINGS**

THE CONTRACT MARKINGS FOR ALL NON-INTERSTATE ROUTES SINGLE APPLICATION SHALL BE INSTALLED BETWEEN 04-01-21 AND 10-31-21 AND SHALL CONFORM TO C&MS 642.

THE FIRST APPLICATION OF CONTRACT FAST DRY MARKINGS FOR ALL INTERSTATE LINES SHALL BE INSTALLED BETWEEN THE DATES OF 04-01-21 AND 5-31-21 AND SHALL CONFORM TO C&MS 642. THE SECOND APPLICATION OF CONTRACT FAST DRY MARKINGS FOR ALL INTERSTATE LINES SHALL BE INSTALLED BETWEEN THE DATES OF 08-15-21 AND 10-31-21 AND SHALL CONFORM TO C&MS 642. IF THE TEMPERATURES DO NOT ALLOW TYPE 1 WATER-BASED APPLICATION, SEEK APPROVAL FROM THE PROJECT ENGINEER.

QUANTITIES HAVE BEEN NOTED IN THE SUB-SUMMARY AND CARRIED TO THE GENERAL SUMMARY TO COMPLETE THE ABOVE NOTED WORK.

**INTERIM COMPLETION DATE:**

JUNE 15, 2021 SHALL BE CONSIDERED TO CONSTITUTE AN INTERIM COMPLETION DATE FOR THE INTERSTATE APPLICATION INTERSTATE FAST DRY MARKINGS AND ANY INTERSTATE WORK ORDER LOCATIONS.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THE INTERIM COMPLETION DATES, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$1500 FOR EACH DAY UNTIL THAT APPLICATION IS COMPLETED.

**AS-BUILT QUANTITIES:**

UPON COMPLETION OF THIS PROJECT, THE PROJECT ENGINEER SHALL FORWARD AS-BUILT QUANTITIES AND LOCATIONS FROM THE ENTIRE PROJECT TO THE DISTRICT 6 TRAFFIC ENGINEER FOR TRACKING PURPOSES ON FUTURE PROJECTS. A FORM TRACKING AS-BUILT QUANTITIES WILL BE PROVIDED AND DISCUSSED AT THE PRECONSTRUCTION MEETING FOR THIS PROJECT.

**FAST DRY PAVEMENT MARKINGS-2 WEEK RESPONSE WORK ORDER -SCOPE OF WORK**  
 THE INTENT OF THIS PORTION OF THE PROJECT IS TO REPAIR OR REPLACE PAVEMENT MARKINGS THAT ARE WORN OR COVERED BY THE VARIOUS ROUTINE MAINTENANCE ACTIVITIES PERFORMED THROUGHOUT THE DISTRICT. THE DISTRICT 6 TRAFFIC DEPARTMENT WILL PROVIDE LOG SHEETS AND PAVEMENT MARKING DETAILS TO THE ENGINEER FOR EACH LOCATION TO BE REPAIRED.

THE CONTRACTOR SHALL NOT PERFORM ANY PAVEMENT MARKING REPAIR WORK UNTIL HE RECEIVES AUTHORIZATION FROM THE ENGINEER. THIS AUTHORIZATION SHALL BE IN THE FORM OF AN INTER-OFFICE COMMUNICATION WITH LOG SHEETS AND STRIPING DETAILS ATTACHED.

WHEN A WORK ORDER FOR FAST DRY PAVEMENT MARKINGS IS ISSUED, THE ENGINEER SHALL FURNISH TO THE CONTRACTOR A COMPLETED WORK ORDER FOR EACH LOCATION OF WORN OR MISSING FAST DRY PAVEMENT MARKINGS. THE CONTRACTOR WILL BE NOTIFIED THE WORK ORDER REQUIRES A TWO-WEEK COMPLETION TIME. THE CONTRACTOR SHALL COMPLETE EACH WORK ORDER WITHIN TWO (2) WEEKS OF RECEIVING THE WORK ORDER. SHOULD THE CONTRACTOR FAIL TO COMPLETE EACH WORK ORDER WITHIN THE TWO WEEK PERIOD, THE CONTRACTOR SHALL BE SUBJECT TO THE LIQUIDATED DAMAGES SET FORTH IN SECTION 108.07 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS MANUAL FOR EACH UNCOMPLETED WORK ORDER. WHEN MULTIPLE WORK ORDERS HAVE BEEN ISSUED AND REMAIN INCOMPLETE THE CONTRACTOR SHALL PRIORITIZE WORK LOCATIONS AS DIRECTED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE PROJECT ENGINEER:

- ITEM 642 - EDGE LINE, 6", TYPE 1 - 25 MILES
- ITEM 642 - LANE LINE, 6", TYPE 1 - 50 MILES
- ITEM 642 - CENTER LINE, TYPE 1 - 25 MILES
- ITEM 642 - CHANNELIZING LINE, 12", TYPE 1 - 5,000 FEET
- ITEM 642 - DOTTED LINE, 6", TYPE 1 - 1,000 FEET

**FAST DRY PAVEMENT MARKINGS-EMERGENCY WORK ORDER - SCOPE OF WORK**  
 THE INTENT OF THIS PORTION OF THE PROJECT IS TO PROVIDE MARKINGS THAT REQUIRE IMMEDIATE PLACEMENT. THE DISTRICT 6 TRAFFIC DEPARTMENT WILL PROVIDE LOG SHEETS AND PAVEMENT MARKING DETAILS TO THE ENGINEER FOR EACH LOCATION TO BE REPAIRED.

THE CONTRACTOR SHALL NOT PERFORM ANY PAVEMENT MARKING REPAIR WORK UNTIL HE RECEIVES AUTHORIZATION FROM THE ENGINEER. THIS AUTHORIZATION SHALL BE IN THE FORM OF AN INTER-OFFICE COMMUNICATION WITH LOG SHEETS AND STRIPING DETAILS ATTACHED.

WHEN A WORK ORDER FOR FAST DRY PAVEMENT MARKINGS IS ISSUED, THE ENGINEER SHALL FURNISH TO THE CONTRACTOR A COMPLETED WORK ORDER FOR EACH LOCATION. THE CONTRACTOR SHALL COMPLETE EACH WORK ORDER WITHIN TWENTY-FOUR (24) HOURS OF RECEIVING THE WORK ORDER. SHOULD THE CONTRACTOR FAIL TO COMPLETE EACH WORK ORDER WITHIN THE TWENTY-FOUR HOUR PERIOD, THE CONTRACTOR SHALL BE SUBJECT TO THE LIQUIDATED DAMAGES SET FORTH IN SECTION 108.07 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS MANUAL FOR EACH UNCOMPLETED WORK ORDER. THIS PENALTY WILL BE STRICTLY ENFORCED THROUGHOUT THE LIFE OF THE CONTRACT. WHEN MULTIPLE WORK ORDERS HAVE BEEN ISSUED AND REMAIN INCOMPLETE THE CONTRACTOR SHALL PRIORITIZE WORK LOCATIONS AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE PROJECT ENGINEER:

- ITEM 642 - EDGE LINE 6", TYPE 1 - 25 MILES
- ITEM 642 - CENTER LINE, TYPE 1 - 25 MILES

ITEM 624 - MOBILIZATION, AS PER PLAN, A: (PMF-WORK ORDER, 24-HR RESPONSE)

IT IS THE INTENT OF THIS CONTRACT THAT EACH EMERGENCY WORK ORDER IS DONE WITHIN THE 24-HR RESPONSE TIME. THIS ITEM CONSISTS OF THE PREPARATORY WORK AND OPERATIONS INCLUDING, BUT NOT LIMITED TO, THOSE NECESSARY FOR THE MOVEMENT OF PERSONNEL, EQUIPMENT, SUPPLIES, AND INCIDENTALS TO THE LOCATION OF THE FAST DRY PAVEMENT MARKINGS-WORK ORDER AND FOR ALL OTHER WORK AND OPERATIONS THAT MUST BE PERFORMED OR COST INCURRED BEFORE BEGINNING THE WORK IN CONJUNCTION WITH THE FAST DRY PAVEMENT MARKINGS-EMERGENCY WORK ORDER, OTHER CONTRACT ITEMS AND DEMOBILIZATION AT VARIOUS LOCATIONS WITHIN THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT SIX.

ITEM 624 - MOBILIZATION, AS PER PLAN, A: 4 EACH

ITEM 624 - MOBILIZATION, AS PER PLAN, B: (PMF-WORK ORDER, 2-WEEK RESPONSE)

IT IS THE INTENT OF THIS CONTRACT THAT EACH EMERGENCY WORK ORDER IS DONE WITHIN THE 2-WEEK RESPONSE TIME. THIS ITEM CONSISTS OF THE PREPARATORY WORK AND OPERATIONS INCLUDING, BUT NOT LIMITED TO, THOSE NECESSARY FOR THE MOVEMENT OF PERSONNEL, EQUIPMENT, SUPPLIES, AND INCIDENTALS TO THE LOCATION OF THE FAST DRY PAVEMENT MARKINGS-WORK ORDER AND FOR ALL OTHER WORK AND OPERATIONS THAT MUST BE PERFORMED OR COST INCURRED BEFORE BEGINNING THE WORK IN CONJUNCTION WITH THE FAST DRY PAVEMENT MARKINGS-EMERGENCY WORK ORDER, OTHER CONTRACT ITEMS AND DEMOBILIZATION AT VARIOUS LOCATIONS WITHIN THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT SIX.

ITEM 624 - MOBILIZATION, AS PER PLAN, B: 4 EACH

**DAMAGE CLAIMS AND/OR COMPLAINTS:**

IN ADDITION TO THE 107.12 AND 107.13 THE FOLLOWING SHALL APPLY TO THE CONTRACT:

COPIES OF ALL DAMAGE CLAIMS OR WRITTEN COMPLAINTS FROM THE PUBLIC OR OTHER SOURCES, RESULTING FROM PAINTING ACTIVITIES SHALL BE SUBMITTED TO THE PROJECT ENGINEER WITHIN SEVENTEEN (17) DAYS OF RECEIPT BY THE CONTRACTOR. THE CONTRACTOR SHALL RESPOND TO EACH COMPLAINT IN A TIMELY MANNER, BUT IN NO CASE MORE THAN FIFTEEN (15) DAYS AFTER RECEIPT.

A COPY OF THE RESPONSE SHALL BE SUBMITTED TO THE PROJECT SUPERVISOR AT THE SAME TIME IT IS SENT TO THE COMPLAINANT.

THE CONTRACTOR SHALL FURNISH THIS RESPONSE OR EXPLANATION OF THE DISPOSITION OF SUCH DAMAGE CLAIMS. FAILURE TO ACTIVELY PURSUE RESOLUTION OF THESE CLAIMS MAY RESULT IN THE SUSPENSION OF PAYMENT ESTIMATES UNTIL RESOLVED.

**FINAL ACCEPTANCE (642 PAVEMENT MARKINGS):**

PAVEMENT MARKINGS WHICH ARE UNACCEPTABLE OR BECOME UNACCEPTABLE PRIOR TO FINAL ACCEPTANCE AS DETERMINED BY THE PROJECT ENGINEER FOR CAUSES SUCH AS BUT NOT LIMITED TO IMPROPER APPLICATION, NON-UNIFORM RETRO-REFLECTIVITY, OR INSUFFICIENT ADHESION TO THE PAVEMENT SHALL BE REPLACED BY THE CONTRACTOR WITH MARKINGS CONFORMING TO THESE SPECIFICATIONS AND REQUIREMENTS AT HIS EXPENSE WITHOUT DELAY OR THE CONTRACTOR MAY REQUEST THAT THE UNACCEPTABLE WORK BE NON-PERFORMED. THE CONTRACTOR WILL RECEIVE NO PAYMENT FOR THE UNACCEPTABLE WORK WHICH IS NON-PERFORMED.

**COORDINATION WITH INTERNAL MAINTENANCE FORCES:**

AS PART OF THIS CONTRACT THE CONTRACTOR WILL WORK WITH THE DISTRICT TRAFFIC ENGINEER AND PROJECT ENGINEER TO PROPERLY SCHEDULE THE APPLICATIONS AROUND THE DISTRICTS INTERNAL MAINTENANCE FORCES PERFORMING CRACK SEALING, SPOT PAVING AND CHIP & SEAL APPLICATIONS TO INSURE THE PAVEMENT MARKINGS ARE NOT APPLIED PRIOR TO ANY OF THE PROPOSED INTERNAL WORK. A LIST OF THE INTERNAL MAINTENANCE SCHEDULE AND PROPOSED ROUTES WILL BE PROVIDED AT THE PRECONSTRUCTION MEETING.

**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.

**ENVIRONMENTAL**

NO TOXIC OR HAZARDOUS MATERIALS SUCH AS SEALANTS, PAINT, SOLVENTS, CLEANING AGENTS, EARTHEN MATERIALS, WASTE-WATER FUELS OR DEBRIS OF ANY KIND SHALL BE DISCHARGED TO ANY STREAMS, DRAINAGE COURSES OR BODIES OF WATER. ALL ASPHALT OR CONCRETE GRINDINGS, EXCESS ASPHALTIC OR CONCRETE MATERIALS OR ANY OTHER DEBRIS GENERATED DURING RESURFACING OR OTHER SIMILAR ACTIVITIES SHALL NOT BE DISPOSED OF WITHIN A FLOODPLAIN BELOW THE 100-YEAR FLOOD ELEVATION. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT LIQUIDS USED TO REPAIR, CLEAN, SEAL, OR TREAT ANY BRIDGE STRUCTURE (E.G. PAINT, SEALER, SOLVENT) FROM ENTERING STREAMS, WETLANDS OR OTHER "WATERS OF THE UNITED STATES" AND TAKE THE APPROPRIATE ACTIONS IN THE EVENT OF A RELEASE.

**CONSTRUCTION COORDINATION:**

THE CONTRACTORS FOR THIS PROJECT MUST COORDINATE WITH THE DEPARTMENT BEFORE BEGINNING ANY WORK SO THAT THE CONTRACTOR'S DO NOT INTERFERE WITH ANY OTHER PROJECTS BY THE DEPARTMENT. COORDINATION WILL BE MADE WITH THE DISTRICT TRAFFIC ENGINEER.

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