

# The Pavement Marking Inspection Process

# Pavement Marking Quality Assurance Process

After the material has been applied, the Pavement Marking Quality Assurance process begins.

There are three documents that initiate this process:

- 1) The Inspection Request Form (OMT Form 13) - IRF
- 2) The contractor's Quality Control - QC
- 3) The manufacturer's material certifications - "Certs"

All documents must be emailed to [SHA\\_PMMS@mdot.Maryland.gov](mailto:SHA_PMMS@mdot.Maryland.gov)

The IRF contains required information such as:

- ❖ Roadway name and number
- ❖ Contract number
- ❖ Beginning Mile Point (BMP) and Ending Mile Point (EMP)
- ❖ Material Type
- ❖ Application Date
- ❖ Lot and Batch numbers for the material applied and the glass beads
- ❖ Is Maintenance of traffic (MOT) needed.

# Inspection Request Form

Maryland State Highway Administration  
Office of Materials Technology  
Structural Materials and Pavement Markings Division  
7450 Traffic Drive  
Hanover, Maryland 21076

## PAVEMENT MARKING INSPECTION AND DATA REQUEST FORM

FQA Inspection Required: \_\_\_\_\_ No: \_\_\_\_\_

To: Pavement Marking Team Attn: FQA

From: \_\_\_\_\_ Phone & Fax #: \_\_\_\_\_

Contract & FAP #: \_\_\_\_\_

Location of Inspection: Route # \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Location of Field Office: \_\_\_\_\_

Type of Material Applied: \_\_\_\_\_ Date Material Applied: \_\_\_\_\_

Striping Contractor: \_\_\_\_\_

Material Manufacturer: \_\_\_\_\_

Lot Number(s) of Material: \_\_\_\_\_

Glass Sphere Manufacturer: \_\_\_\_\_

Lot Number(s) of Glass Spheres: \_\_\_\_\_

Type of Roadway Surface: \_\_\_\_\_

Is traffic control needed? \_\_\_\_\_ If yes, will traffic control be provided? \_\_\_\_\_

Inspection Date Requested: \_\_\_\_\_ Today's Date: \_\_\_\_\_

**Project Engineer, please submit the striping contractor's Quality Control Results and Material Certs with this request to both emails below.**

**DTisdale2@mdot.maryland.gov**

PMMS Email Address  
**sha\_pmms@sha.state.md.us**

**If you have any questions, please call Dr. Doc Tisdale at 443-572-5296**

# The contractor's QC readings are taken by the contractor after the material is applied per the MSMT-729

**QUALITY CONTROL REPORT**

Contractor

Contract # XY5155177

Location Route # : Rt 27

Contractor-Prime: FO Day

Striping-Contractor: Midlantic Marking

Date of Application: 8/4/2019 Date of Inspection: 8/5/2019

Contractor's Qualified Technician (print) Jeff Andrews

Approved By: (print) SHA Date approved: Jun-09

---

DATA

Station or Mile Point: Mailbox # 24501

Line Description: Edge x Center \_\_\_\_\_ Skip \_\_\_\_\_

Color: W Direction: N

Mil Thickness: 90 Width: 5 Adherence: Good

Bead Pattern: Good Bead Embedment: Good General Application: Good

Surface Moisture: None

Retro Readings 482 491 519 508 484 Average: 497

---

DATA

Station or Mile Point: Mailbox # 24501

Line Description: Edge \_\_\_\_\_ Center x Skip \_\_\_\_\_

Color: Y Direction: N

Mil Thickness: 90 Width: 5 Adherence: Good

Bead Pattern: Good Bead Embedment: Good General Application: Good

Surface Moisture: None

Retro Readings 260 288 257 263 286 Average: 271

---

Technician's Signature

Jeff Andrews

Date: 8/5/2019

# Material Certifications needed

**A copy of the approved certs for all the pavement marking material used on the project is required when requesting an inspection.**

**Examples of material certs needed for final markings.**

- **Glass Beads**
- **White and Yellow Permanent Material all types**
- **Any Preformed Material**

**The Inspection Request Form,  
Contractor Quality Control, and  
Certifications should be submitted  
to:**

**SHA\_PMMS@mdot.maryland.gov**

# Clearance Letter

Once all the required documents have been received by OMT, and a FQA Inspection has been conducted, a Clearance Letter will be created.

The Clearance Letter will contain the necessary information gathered from the documents submitted for inspection and an Acceptance or Failure of the pavement marking will be determined from the FQA Inspection report.

The Clearance Letter is a requirement to successfully close out an SHA roadway project.

The Clearance Letter will be sent to the PE's name that appears on the top of the inspection request form. (OMT form 13)

**MEMORANDUM**

**TO:** James Moon  
Project Engineer  
District 1

**FROM:** Mr. David Malburg P.E., Division Chief  
Structural Materials and Pavement Markings Division

**DATE:** February 19, 2024

**SUBJECT:** Construction: XX2335177  
Inspection of: Lead Free Reflective Thermoplastic Pavement Markings 40- Mil  
Location: US 13 BU  
Mile Points: 0.0-0.42

The Field Quality Assurance Team has completed the inspection of the lead free reflective thermoplastic pavement markings 40- mil on the subject project as requested. The enclosed report details our findings and recommendations that are based on materials Quality Assurance evaluation of the in-place lines. This evaluation was performed to confirm the quality control results. The field testing inspection of this project indicates the lead free reflective thermoplastic pavement markings 40- mil **MEET** the contract specifications. **Acceptance is recommended.**

If additional information is required, please contact Dr. Doc Tisdale of our Pavement Markings Section at (443) 572-5296.

DM/ mb  
Attachment

cc:  
M. Crampton  
Project File



# Pavement Marking Contacts

**David Malburg (Division Chief)**

**443-572-5298**

**[DMalburg@mdot.Maryland.gov](mailto:DMalburg@mdot.Maryland.gov)**

**Doc Tisdale (Assistant Division Chief)**

**443-572-5296**

**[DTisdale2@mdot.Maryland.gov](mailto:DTisdale2@mdot.Maryland.gov)**

**David Saldana (Pavement Markings Management Team Leader)**

**443-572-5287**

**[DSaldana@mdot.Maryland.gov](mailto:DSaldana@mdot.Maryland.gov)**

**Joanna Johnson (Field Quality Assurance Team Leader)**

**443-572-5295**

**[JJohnson21@mdot.Maryland.gov](mailto:JJohnson21@mdot.Maryland.gov)**