

2020
LPA Project Sampling and
Testing Requirements

PURPOSE: To establish a complete schedule for uniform job control acceptance sampling and testing for LPA projects.

The following schedule sets forth the sample size, frequency of sampling and designates the responsibility for sampling and testing. Any sampling and/or testing not performed by the MDOT District or Central Laboratory will be the responsibility of the LPA Representative.

The frequencies in this schedule will be used by the LPA Representative and MDOT to ascertain the quantities of tested materials, unless otherwise stipulated in the Proposal. The responsibility for compliance with this schedule rests with the LPA Representative; however, additional sampling and testing may be performed as deemed necessary.

Acceptance sampling and testing is to be randomly performed with each lot and no more than one sample per lot.

At the discretion of the LPA Representative, a residual portion of a lot completed during a day's operation may be considered as a separate lot or may be included in the previous or subsequent lot.

When samples are designated to be obtained by MDOT, these materials are normally located on or near the project site.

Pretested materials are normally sampled at the producer's plant or at a broker's warehouse.

See attached glossary for definition of terms.

2020 LPA Project Sampling and Testing Requirements Glossary

Certification – document from the manufacturer/supplier stating the product/material meets specifications. Certification requirements for cement and asphalt are set out separately in the Department's *Materials Manual*. Per Subsection 700.05.1, all certifications shall:

- (a) Have letterhead of the manufacturer, producer, supplier, or fabricator.
- (b) Include the project number.
- (c) Itemized list of materials covered by the certification.
- (d) Contain a material conformance statement that certifies that the materials conform to the specific specification. Example: I/We hereby certify the materials listed herein conform to the requirements of Subsection 714.11 of the Mississippi Standard Specifications for Road and Bridge Construction.
- (e) Certification for all iron, steel and steel wire products must also include a certified statement by the manufacturer that all of the manufacturing processes, excluding those for pig iron and processed, pelletized, and reduced iron ore used in the manufacture of said steel and/or iron products, have occurred domestically.
- (f) Signature of a responsible company official.

Certified Test Report – test reports from the manufacturer for a specific lot, batch, heat, etc. of material. The material tested was sampled from the lot/batch/heat/etc. that is being used on the project. Per Subsection 700.05.2, all certified test reports shall:

- (a) Have letterhead of the manufacturer, producer, supplier, fabricator, or laboratory.
- (b) Include name and description of material, lot, batch, or heat number, etc., as applicable.
- (c) Show results of each required test, and state that the test was run according to the test method specified.
- (d) Test reports for all iron, steel and steel wire products must also include a certified statement by the manufacturer that all of the manufacturing processes, excluding those for pig iron and processed, pelletized, and reduced iron ore used in the manufacture of said steel and/or iron products, have occurred domestically.
- (e) Signature of the responsible laboratory official.

MDOT APL – Approved Products List – a listing of approved products. See www.mdot.ms.gov for listing.

MDOT Approved Source – a source that has been approved by MDOT and is on the list of approved sources. See www.mdot.ms.gov for listing.

Pretested – materials normally sampled at the producer/supplier and tested prior to shipment to the project. Contact MDOT Central Lab for information on pretested materials. Seeds are pretested by the Mississippi Department of Agriculture's State Seed Testing Lab.

Source Approval – testing to verify quality of material prior to being used. Not a source that is maintained on the list of approved sources.

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
203	Borrow Excavation	Classification, P.I., and Proctor	Initial Placement	Initial Placement and 1 each 15,000 CY	Initial Placement and 1 each 10,000 CY	LPA	LPA
		Density	1 each 1000 LF per layer	1 each 750 LF per layer	1 each 500 LF per layer	LPA	LPA
204	Geogrid Reinforcement of Embankment Slopes & Subgrades	Geogrids	MDOT APL; Certification; Certified Test Report and 5 SY Sample each Lot and Type	MDOT APL; Certification; Certified Test Report and 5 SY Sample each Lot and Type	MDOT APL; Certification; Certified Test Report and 5 SY Sample each Lot and Type	LPA	LPA/ MDOT Central Lab
206	Structure Excavation (Backfill)	Proctor	1 per Soil Type	1 per Soil Type	1 per Soil Type	LPA	LPA
		Density	1 each 8 in. layer for top 4 FT	1 each 8 in. layer for top 4 FT	1 each 8 in. layer for top 4 FT	LPA	LPA
209	Geotextile Stabilization	Geotextile	Certification; and Sample each Lot and Type; Sample 10 FT by Full Roll Width	Certification; and Sample each Lot and Type; Sample 10 FT by Full Roll Width	Certification; and Sample each Lot and Type; Sample 10 FT by Full Roll Width	LPA	LPA/ MDOT Central Lab
211	Topsoiling	Topsoil for Slope Treatment	Source Approval	Source Approval	Source Approval	LPA	LPA
		Topsoil for Plant Holes or Pits	Source Approval	Source Approval	Source Approval	LPA	LPA
212	Ground Preparation	Depth	As Required	As Required	As Required	LPA	LPA
		Pulverization	As Required	As Required	As Required	LPA	LPA
213	Fertilizing	Commercial Fertilizer	Manufacturer's Guaranteed Analysis	Manufacturer's Guaranteed Analysis	Manufacturer's Guaranteed Analysis	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Agricultural Limestone	Certification	Certification	1 Gallon Sample each 50 Tons	LPA	MDOT Central Lab
214	Seeding	Seed	Certified Analysis on each bag, germination report required	Certified Analysis on each bag, germination report required	Certified Analysis on each bag, germination report required	LPA	LPA
			Pretested	Pretested	Pretested	LPA	LPA
215	Vegetative Material for Mulch	Mulch	Visual Inspection	Visual Inspection	Visual Inspection	LPA	LPA
		Asphalt	Certification	Certification	Certification	LPA	LPA
216	Solid Sodding	Sod	Visual Inspection	Visual Inspection	Visual Inspection	LPA	LPA
217	Ditch Liner	Blanket, Fabric, Jute Mesh & Staples	Certification	Certification	Certification	LPA	LPA
218	Bituminous Treated Roving	Roving	Certification	Certification	Certification	LPA	LPA
		Emulsified Asphalt	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	LPA	LPA
221	Paved Ditches	Concrete	See Item No. 601-B	See Item No. 601-B	See Item No. 601-B	LPA	LPA
		Asphalt Materials	See Item No. 403	See Item No. 403	See Item No. 403	Contractor	MDOT District
224	Soil Reinforcing Mat	Mat	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
		Pins, Staples	Certification	Certification	Certification	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
225	Grassing	Fertilizer	Certification	Certification	Certification	LPA	LPA
		Seeds	Certification; Pretested	Certification; Pretested	Certification; Pretested	LPA	LPA
		Agricultural Limestone	Certification	Certification	1 Gallon Sample per 50 Tons	LPA	MDOT Central Lab
		Mulch	Visual Inspection	Visual Inspection	Visual Inspection	LPA	LPA
		Emulsified Asphalt	MDOT Approved Source; Certification A or B	MDOT Approved Source; Certification A or B	MDOT Approved Source; Certification A or B	LPA	LPA
230	Tree and Shrub Planting	Plants	Visual Inspection; Certification	Visual Inspection; Certification	Visual Inspection; Certification	LPA	LPA
		Topsoil for Plant Holes	See Item No. 211	See Item No. 211	See Item No. 211	LPA	LPA
		Fertilizer	See Item No. 232	See Item No. 232	See Item No. 232	LPA	LPA
		Mulch	See Item No. 233	See Item No. 233	See Item No. 233	LPA	LPA
231	Tree Seeding Planting	Plants	Visual Inspection; Certification	Visual Inspection; Certification	Visual Inspection; Certification	LPA	LPA
		Fertilizer	See Item Nos. 213 or 232 as Specified	See Item Nos. 213 or 232 as Specified	See Item Nos. 213 or 232 as Specified	LPA	LPA
232	Fertilizer for Woody Plant Material	Fertilizer (Packet or Tablet)	Certification	Certification	Certification	LPA	LPA
233	Mulch for Woody Plant Material	Tree Bark	Certification	Certification	Certification	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Straw	Visual Inspection	Visual Inspection	Visual Inspection	LPA	LPA
234	Silt Fence	Fabric	Certification	Certification	Certification	LPA	LPA
		Posts, Wire Backing, Staples	Visual Inspection	Visual Inspection	Visual Inspection	LPA	LPA
235	Temporary Erosion Checks	Baled Hay or Straw	Visual Inspection	Visual Inspection	Visual Inspection	LPA	LPA
		Stakes	Visual Inspection	Visual Inspection	Visual Inspection	LPA	LPA
304	Granular Material	Gradation, P.I., and Proctor	Initial Placement	Initial Placement and 1 each 2000 CY or 1 each 2800 Tons	Initial Placement and 1 each 1500 CY or 1 each 2100 Tons	LPA	LPA
		Density	1 each 1000 LF per layer	1 each 750 LF per layer	1 each 500 LF per layer	LPA	LPA
305	In-Grade Modification	Aggregate Gradation	1 each 600 CY or 800 Tons	1 each 450 CY or 600 Tons	1 each 300 CY or 400 Tons	LPA	LPA
		Density	1 each 1000 LF per layer	1 each 750 LF per layer	1 each 500 LF per layer	LPA	LPA
307	Lime Treated Course	Mix Design	MDOT Approval	MDOT Approval	MDOT Approval	LPA	MDOT Central Lab
		Hydrated Lime	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
			Shipping Tickets	Shipping Tickets	Shipping Tickets	LPA	LPA
			½ Gallon each Source	½ Gallon each Source	½ Gallon each Source	LPA	MDOT Central Lab
		Density	1 each 1000 LF	1 each 750 LF	1 each 500 LF	LPA	LPA
		Pulverization	As Required	As Required	As Required	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Soil-Lime Mixture (Dry Quicklime only)	Certified Test Report	Certified Test Report	Certified Test Report	LPA	LPA
		Curing Seal (Prime)	MDOT Approved Source; Certification A or B	MDOT Approved Source; Certification A or B	MDOT Approved Source; Certification A or B; 1 Quart each 30,000 Gallon	LPA	LPA/ MDOT Central Lab
308	Portland Cement Treated Courses	Mix Design	MDOT Approval	MDOT Approval	MDOT Approval	LPA	MDOT Central Lab
		Cement	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	LPA	LPA/ MDOT Central Lab
	After Mixing	Curing Seal (Prime)	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B; 1 Quart each 30,000 Gallons	LPA	LPA/ MDOT Central Lab
		Pulverization	As Required	As Required	As Required	LPA	LPA
		Density	1 each 1000 LF	1 each 750 LF	1 each 500 LF	LPA	LPA
310	Mechanically Stabilized Courses	Aggregate Gradation	1 each 600 CY or 800 tons	1 each 450 CY or 600 tons	1 each 300 CY or 400 tons	LPA	LPA
	After Mixing	Gradation and P.I.	1 each 2000 LF	1 each 1500 LF	1 each 1000 LF	LPA	LPA
		Density	1 each 1000 LF	1 each 750 LF	1 each 500 LF	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
320	Shoulders	Gradation and P.I. (roadway)	1 each 2000 CY or 1 each 2800 Tons	1 each 1500 CY or 1 each 2100 Tons	1 each 1000 CY or 1 each 1400 Tons	LPA	LPA
		Density	1 each 2000 LF	1 each 1500 LF	1 each 1000 LF	LPA	LPA
321	In-Grade Preparation	Proctor	1 each soil type	1 each soil type	1 each soil type	LPA	LPA
		Density	1 each 2000 LF	1 each 1500 LF	1 each 1000 LF	LPA	LPA
402	Open Graded Friction Course	Mixture Design (Each Mix)	MDOT Approval	MDOT Approval	MDOT Approval	Contractor	MDOT Central Lab
		Hydrated Lime	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
			Shipping Tickets	Shipping Tickets	Shipping Tickets	LPA	LPA
			½ Gallon each Source	½ Gallon each Source	½ Gallon each Source	LPA	MDOT Central Lab
		Asphalt Cement (PG binder tests)	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; 1 Quart each 200,000 Gallons; Certificate A or B	LPA	LPA/MDOT Central Lab
		Crushing Requirements (fractured face count)	1 each Day of Production	1 each Day of Production	1 each Day of Production	Contractor	Contractor
			QC Results	QC Results	QC Results	Contractor	MDOT District
	Gradation of Mineral Aggregates, Stockpiles	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District	

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Gradation of Mixture, extraction	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		VMA & Total Voids	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		% Asphalt	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		Stripping Test (MT-59 and MT-63)	Initial; then 1 each 2 Weeks Production	Initial; then 1 each 2 Weeks Production	Initial; then 1 each 2 Weeks Production	Contractor	Contractor
			QC Results	QC Results	QC Results	Contractor	MDOT District
		Surface Checks	As Required	As Required	As Required	LPA	LPA
403	Asphalt Pavements	Mixture Design (Each Mix)	MDOT Approval	MDOT Approval	MDOT Approval	Contractor	MDOT Central Lab
		Hydrated Lime	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
			Shipping Tickets	Shipping Tickets	Shipping Tickets	LPA	LPA
			½ Gallon each Source	½ Gallon each Source	½ Gallon each Source	LPA	MDOT Central Lab
		Asphalt Cement (PG binder tests)	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; 1 Quart each 200,000 Gallons; Certificate A or B	LPA	LPA/MDOT Central Lab

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Crushing Requirements (fractured face count)	1 each Day of Production	1 each Day of Production	1 each Day of Production	Contractor	Contractor
			QC Results	QC Results	QC Results	Contractor	MDOT District
		Gradation of Mineral Aggregates, Stockpiles	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		Gradation of Mixture, extraction	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		VMA & Total Voids	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		% Asphalt	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		Stripping Test (MT-59 and MT-63)	Initial; then 1 each 2 Weeks Production	Initial; then 1 each 2 Weeks Production	Initial; then 1 each 2 Weeks Production	Contractor	Contractor
			QC Results	QC Results	QC Results	Contractor	MDOT District
		Road Density	1 each 600 Tons HMA Field Manual	1 each 450 Tons HMA Field Manual	1 each 300 Tons HMA Field Manual	LPA	LPA
		Surface Checks	As Required	As Required	As Required	LPA	LPA
404	Cold Bituminous Pavements	Mixture	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
		Extraction	1 each 800 Tons	1 each 600 Tons	1 each 400 Tons	Contractor	MDOT District

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
405	Stone Matrix Asphalt	Mixture Design (Each Mix)	MDOT Approval	MDOT Approval	MDOT Approval	Contractor	MDOT Central Lab
		Hydrated Lime	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
			Shipping Tickets	Shipping Tickets	Shipping Tickets	LPA	LPA
			½ Gallon each Source	½ Gallon each Source	½ Gallon each Source	LPA	MDOT Central Lab
		Asphalt Cement (PG binder tests)	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; 1 Quart each 200,000 Gallons; Certificate A or B	LPA	LPA/MDOT Central Lab
		Crushing Requirements (fractured face count)	1 each Day of Production	1 each Day of Production	1 each Day of Production	Contractor	Contractor
			QC Results	QC Results	QC Results	Contractor	MDOT District
		Gradation of Mineral Aggregates, Stockpiles	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		Gradation of Mixture, extraction	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		VMA & Total Voids	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
% Asphalt	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District		

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Stripping Test (MT-59 and MT-63)	Initial; then 1 each 2 Weeks Production	Initial; then 1 each 2 Weeks Production	Initial; then 1 each 2 Weeks Production	Contractor	Contractor
			QC Results	QC Results	QC Results	Contractor	MDOT District
		Road Density	1 each 600 Tons HMA Field Manual	1 each 450 Tons HMA Field Manual	1 each 300 Tons HMA Field Manual	LPA	LPA
		Surface Checks	As Required	As Required	As Required	LPA	LPA
407	Tack Coat	Asphalt	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B; 1 Quart each 30,000 Gallons	LPA	LPA/ MDOT Central Lab
408	Prime Coat	Asphalt	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B; 1 Quart each 30,000 Gallons	LPA	LPA/ MDOT Central Lab
409	Geotextile for Underseal	Asphalt	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B; 1 Quart each 50,000 Gallons	LPA	LPA/ MDOT Central Lab
		Geotextile	Certification; and Sample each Lot and Type; Sample 10 FT by Full Roll Width	Certification; and Sample each Lot and Type; Sample 10 FT by Full Roll Width	Certification; and Sample each Lot and Type; Sample 10FT by Full Roll Width	LPA	LPA/ MDOT Central Lab

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
410	Bituminous Surface Treatment	Asphalt	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B; 1 Quart each 50,000 Gallon	LPA	LPA/ MDOT Central Lab
		Aggregate	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
		Gradation	1 each 600 CY	1 each 450 CY	1 each 300 CY	LPA	LPA
411	Ultra Thin Asphalt Pavements	Mixture Design (Each Mix)	MDOT Approval	MDOT Approval	MDOT Approval	Contractor	MDOT Central Lab
		Hydrated Lime	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
			Shipping Tickets	Shipping Tickets	Shipping Tickets	LPA	LPA
			½ Gallon each Source	½ Gallon each Source	½ Gallon each Source	LPA	MDOT Central Lab
		Asphalt Cement (PG binder tests)	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; 1 Quart each 200,000 Gallons; Certificate A or B	LPA	LPA/ MDOT Central Lab
		Crushing Requirements (fractured face count)	1 each Day of Production	1 each Day of Production	1 each Day of Production	Contractor	Contractor
			QC Results	QC Results	QC Results	Contractor	MDOT District
Gradation of Mineral Aggregates, Stockpiles	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District		

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Gradation of Mixture, extraction	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		VMA & Total Voids	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		% Asphalt	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	As required by Section 401 and Asphalt Field Manual	Contractor	MDOT District
		Stripping Test (MT-59 and MT-63)	Initial; then 1 each 2 Weeks Production	Initial; then 1 each 2 Weeks Production	Initial; then 1 each 2 Weeks Production	Contractor	Contractor
			QC Results	QC Results	QC Results	Contractor	MDOT District
		Surface Checks	As Required	As Required	As Required	LPA	LPA
413	Cleaning and Sealing Joints and Cracks	Bituminous Material	MDOT Approved Source: Certificate A or B	MDOT Approved Source: Certificate A or B	MDOT Approved Source: Certificate A or B; 1 Quart each 30,000 Gallon	LPA	LPA/ MDOT Central Lab
		Hot-Poured Elastic Type	Certified Test Report	Certified Test Report	Certified Test Report	LPA	LPA
		Silicone	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
		Backer Rod	Certification	Certification	Certification; 3 LF Sample each Lot	LPA	LPA/ MDOT Central Lab
		Aggregate	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
		Gradation	1 each 600 CY	1 each 450 CY	1 each 300 CY	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
501	Concrete Pavement	Mixture Design	MDOT Approval	MDOT Approval	MDOT Approval	Contractor	MDOT Central Lab
		Aggregate	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
		Aggregate Gradation	MDOT Approved Source	MDOT Approved Source	1 each 250 CY placed	LPA	LPA
		Cement	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	LPA	LPA/ MDOT Central Lab
		Admixtures	MDOT APL; Certification each Batch	MDOT APL; Certification each Batch	MDOT APL; Certification each Batch	LPA	LPA
		Joint Filler	Pretested	Pretested	Pretested	LPA	LPA
		Curing Material	Pretested	Pretested	Pretested	LPA	LPA
		Fly Ash	MDOT Approved Source; Certifications; 1 Gallon Sample each 2000 CY	MDOT Approved Source; Certifications; 1 Gallon Sample each 2000 CY	MDOT Approved Source; Certifications; 1 Gallon Sample each 2000 CY	LPA	LPA/ MDOT Central Lab
		Ground Granulated Blast Furnace Slag	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 1000 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 1000 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 1000 CY	LPA	LPA/ MDOT Central Lab
Reinforcing Steel & Dowels	MDOT Approved Source; Pretested; Domestic Origin	MDOT Approved Source; Pretested; Domestic Origin	MDOT Approved Source; Pretested; Domestic Origin	LPA	LPA		

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Bar, Mats or Steel Wire Fabric (Wire Mesh)	MDOT Approved Source; Pretested; Domestic Origin	MDOT Approved Source; Pretested; Domestic Origin	MDOT Approved Source; Pretested; Domestic Origin	LPA	LPA
		Cylinders (3 each set)	1 set for each 100 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 75 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 50 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	LPA	LPA
		Dowel Assemblies	MDOT Approved Source; Certification	MDOT Approved Source; Certification	MDOT Approved Source; Certification	LPA	LPA
		Silicone Sealed Joints	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
		Backer Rod:	Certification; 3 LF Sample	Certification; 3 LF Sample	Certification; 3 LF Sample	LPA	LPA/ MDOT Central Lab
		Joint Sealant:	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
		Dowel or Tie Bars Anchoring to Existing Pavement	See Item No. 503	See Item No. 503	See Item No. 503	LPA	LPA
		Cores	1 each 2000 LF each 12 FT lane	1 each 1500 LF each 12 FT lane	1 each 1000 LF each 12 FT lane	LPA	LPA
502	Concrete Bridge End Pavement	Concrete Items	See Item No. 804	See Item No. 804	See Item No. 804	LPA	LPA
		Joint Filler	Pretested	Pretested	Pretested	LPA	LPA
		Curing Material	Pretested	Pretested	Pretested	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Reinforcing Steel	MDOT Approved Source; Pretested; Domestic Origin	MDOT Approved Source; Pretested; Domestic Origin	MDOT Approved Source; Pretested; Domestic Origin	LPA	LPA
503	Replacement of Concrete Pavement	Cylinders (3 each set)	1 set for each 100 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 75 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 50 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	LPA	LPA
		Joint Sealant			See Item 413	LPA	LPA
		Epoxy or Chemical Anchor System for Dowels/Tie Bars	MDOT APL; Certification each Shipment	MDOT APL; Certification each Shipment	MDOT APL; Certification each Shipment	LPA	LPA
			Tension Test One each Day at Random In-Place	Tension Test One each Day at Random In-Place	Tension Test One each Day at Random In-Place	LPA	LPA
508	Silicone Sealed Joints	Silicone	MDOT APL; Certification each Lot	MDOT APL; Certification each Lot	MDOT APL; Certification each Lot	LPA	LPA
		Backer Rod	Certification; 3 FT Sample	Certification; 3 FT Sample	Certification; 3 FT Sample	LPA	LPA/ MDOT Central Lab
510	Repair of Concrete Pavement	Polymer Concrete	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
512	Pressure Grouting Concrete Pavement	Mixture Design	MDOT Approved	MDOT Approved	MDOT Approved	Contractor	MDOT Central Lab

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Cement	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	LPA	LPA/ MDOT Central Lab
		Fly Ash	MDOT Approved Source; Certifications; 1 Gallon Sample each 2000 CY	MDOT Approved Source; Certifications; 1 Gallon Sample each 2000 CY	MDOT Approved Source; Certifications; 1 Gallon Sample each 2000 CY	LPA	LPA/ MDOT Central Lab
		Calcium Chloride	1 Quart Sample	1 Quart Sample	1 Quart Sample	LPA	MDOT Central Lab
		Fine Aggregate	MDOT Approved Source; Gradation	MDOT Approved Source; Gradation	MDOT Approved Source; Gradation	LPA	LPA
		Aggregate Gradation	1 sample each 250 YD placed	1 sample each 250 YD placed	1 sample each 250 YD placed	LPA	LPA
		Limestone Dust	Source Approval	Source Approval	Source Approval	LPA	MDOT Central Lab
		Consistency	Each Batch	Each Batch	Each Batch	LPA	LPA
601-A	Structural Concrete	Mixture Design (each design)	MDOT Approval	MDOT Approval	MDOT Approval	Contractor	MDOT Central Lab
		Cement	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	LPA	LPA/ MDOT Central Lab

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Fly Ash	MDOT Approved Source; Certification; 1 Gallon Sample each 2000 CY	MDOT Approved Source; Certification; 1 Gallon Sample each 2000 CY	MDOT Approved Source; Certification; 1 Gallon Sample each 2000 CY	LPA	LPA/ MDOT Central Lab
		Ground Granulated Blast Furnace Slag	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 1000 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 1000 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 1000 CY	LPA	LPA/ MDOT Central Lab
		Aggregates (Coarse and Fine)	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
		Aggregate Gradation	1 sample each 250 CY placed	1 sample each 250 CY placed	1 sample each 250 CY placed	LPA	LPA
		Cylinders (3 each set)	1 set for each 100 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 75 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 50 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	LPA	LPA
		Precast Units	MDOT Approved Source; Pretested	MDOT Approved Source; Pretested	MDOT Approved Source; Pretested	MDOT Central Lab	MDOT Central Lab
601-B	Minor Structures	Mixture Design (each design)	MDOT Approval	MDOT Approval	MDOT Approval	Contractor	MDOT Central Lab
		Cement	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Fly Ash	MDOT Approved Source; Certification	MDOT Approved Source; Certification	MDOT Approved Source; Certification	LPA	LPA
		Ground Granulated Blast Furnace Slag	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	MDOT Approved Source; Certificate A or B	LPA	LPA
		Aggregates (Coarse and Fine)	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
		Cylinders (3 each set)	1 set for each 150 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 125 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 100 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	LPA	LPA
		Precast Units	MDOT Approved Source; Pretested	MDOT Approved Source; Pretested	MDOT Approved Source; Pretested	MDOT Central Lab	MDOT Central Lab
602	Reinforcement	Reinforcing Steel	MDOT Approved Source; Pretested; Domestic Origin	MDOT Approved Source; Pretested; Domestic Origin	MDOT Approved Source; Pretested; Domestic Origin	LPA	LPA
603	Culverts and Storm Drains	Pipe (Concrete, Metal)	Pretested	Pretested	Pretested	LPA	LPA
		Bituminous Plastic Sealer	Pretested	Pretested	Pretested	LPA	LPA
		Preformed Joint Material (Flex. Plastic Gaskets)	Manufacturer's Certified Test Report	Manufacturer's Certified Test Report	Manufacturer's Certified Test Report	LPA	LPA
		Extruded Pipe (HDPE, PVC)	Manufacturer's Certification	Manufacturer's Certification	Manufacturer's Certification	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Rubber Gaskets	Manufacturer's Certified Test Report	Manufacturer's Certified Test Report	Manufacturer's Certified Test Report	LPA	LPA
604	Manholes, Inlets, and Catch Basins	Brick	10 Brick Samples each 50,000 Bricks used. 5 each Additional 50,000	10 Brick Samples each 50,000 Bricks used. 5 each Additional 50,000	10 Brick Samples each 50,000 Bricks used. 5 each Additional 50,000	LPA	MDOT Central Lab
		Concrete	See Item No. 601	See Item No. 601	See Item No. 601	LPA	LPA
		Reinforcing Steel	See Item No. 602	See Item No. 602	See Item No. 602	LPA	LPA
		Gratings	Pretested	Pretested	Pretested	LPA	LPA
		Castings	Pretested	Pretested	Pretested	LPA	LPA
	Precast Items:	Manholes	Pretested	Pretested	Pretested	LPA	LPA
		Inlets and Catch Basins	Pretested	Pretested	Pretested	LPA	LPA
605	Underdrains	Pipe: (Concrete, Metal)	Pretested	Pretested	Pretested	LPA	LPA
		PVC, ABS, and HDPE	Certified Test Report & Manufacturer's Certification	Certified Test Report & Manufacturer's Certification	Certified Test Report & Manufacturer's Certification	LPA	LPA
		Filter Material Gradation	1 each 600 CY	1 each 450 CY	1 each 300 CY	LPA	LPA
		Geotextile	Manufacturer's Certification, Each Lot, Each Type	Manufacturer's Certification, Each Lot, Each Type	Manufacturer's Certification, Each Lot, Each Type	LPA	LPA/ MDOT Central Lab
606	Guard Rail	Metal Rail	MDOT Approved Source; Certified Test Reports	MDOT Approved Source; Certified Test Reports	MDOT Approved Source; Certified Test Reports	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Anchorage & Fittings	Mill Test Reports	Mill Test Reports	Mill Test Reports	LPA	LPA
		Hardware	Manufacturer's Certification	Manufacturer's Certification	Manufacturer's Certification	LPA	LPA
		Post, Wood	Pretested	Pretested	Pretested	LPA	LPA
		Post, Metal	Certified Test Reports; Domestic Origin	Certified Test Reports; Domestic Origin	Certified Test Reports; Domestic Origin	LPA	LPA
607	Fences and Cattle Guards	Woven Wire	Domestic Origin	Domestic Origin	Domestic Origin	LPA	LPA
		Barbed Wire	Domestic Origin	Domestic Origin	Domestic Origin	LPA	LPA
		Staples	Certification	Certification	Certification	LPA	LPA
		Tension Wire	Domestic Origin	Domestic Origin	Domestic Origin	LPA	LPA
		Tie Wire	Domestic Origin	Domestic Origin	Domestic Origin	LPA	LPA
		Chain Link	Certified Test Report; Domestic Origin	Certified Test Report; Domestic Origin	Certified Test Report; Domestic Origin	LPA	LPA
		Non-Metal Post & Lumber	Pretested	Pretested	Pretested	LPA	LPA
		Gates, Aluminum Slatted	Manufacturer's Certification	Manufacturer's Certification	Manufacturer's Certification	LPA	LPA
		Gates, Fabric Filled	Manufacturer's Certification	Manufacturer's Certification	Manufacturer's Certification	LPA	LPA
		Steel Posts	Certified Test Report; Domestic Origin	Certified Test Report; Domestic Origin	Certified Test Report; Domestic Origin	LPA	LPA
		Hardware	Manufacturer's Certification	Manufacturer's Certification	Manufacturer's Certification	LPA	LPA
608	Sidewalks	Concrete	See Item No. 601-B	See Item No. 601-B	See Item No. 601-B	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
609	Concrete Curb, Gutter and Combination	Concrete	See Item No. 601-B	See Item No. 601-B	See Item No. 601-B	LPA	LPA
611	Brick Masonry	Brick	Certification	Certification	Certification	LPA	LPA
		Masonry Cement	Certification	Certification	Certification	LPA	LPA
		Mortar Sand	Certification	Certification	Certification	LPA	LPA
		Hydrated Lime	MDOT Approved Source; Certification	MDOT Approved Source; Certification	MDOT Approved Source; Certification	LPA	LPA
612	Flowable Fill	Mix Design	MDOT Approval	MDOT Approval	MDOT Approval	Contractor	MDOT Central Lab
		Cement	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	LPA	LPA/MDOT Central Lab
		Fly Ash	MDOT Approved Source; Certification; 1 Gallon Sample each 2000 CY	MDOT Approved Source; Certification; 1 Gallon Sample each 2000 CY	MDOT Approved Source; Certification; 1 Gallon Sample each 2000 CY	LPA	LPA/MDOT Central Lab
		Aggregate	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
		Aggregate Gradation	1 sample each 250 CY placed	1 sample each 250 CY placed	1 sample each 250 CY placed	LPA	LPA
613	Adjustment of Castings, Gratings & Utility Appurtenances	Manhole Risers	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		All Other Materials	See Item No. 604	See Item No. 604	See Item No. 604	LPA	LPA
614	Concrete Driveways	Concrete	See Item No. 601-B	See Item No. 601-B	See Item No. 601-B	LPA	LPA
615	Concrete Barrier	Mixture Design	MDOT Approval	MDOT Approval	MDOT Approval	Contractor	MDOT Central Lab
		Cement	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 500 CY	LPA	LPA/MDOT Central Lab
		Fly Ash	MDOT Approved Source; Certification; 1 Gallon Sample each 2000 CY	MDOT Approved Source; Certification; 1 Gallon Sample each 2000 CY	MDOT Approved Source; Certification; 1 Gallon Sample each 2000 CY	LPA	LPA/MDOT Central Lab
		Ground Granulated Blast Furnace Slag	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 1000 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 1000 CY	MDOT Approved Source; Certificate A or B; 1 Gallon Sample each 1000 CY	LPA	LPA/MDOT Central Lab
		Aggregates (Coarse and Fine)	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
		Aggregate Gradation	1 sample each 250 CY placed	1 sample each 250 CY placed	1 sample each 250 CY placed	LPA	LPA
		Cylinders (3 each set)	1 set for each 100 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 100 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 100 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
616	Median and Island Pavement	Concrete	See Item No. 601-B	See Item No. 601-B	See Item No. 601-B	LPA	LPA
		Hot Mix Asphalt	See Item No. 403	See Item No. 403	See Item No. 403	Contractor	MDOT District
		Joint Filler	Pretested	Pretested	Pretested	LPA	LPA
617	ROW Markers	Marker	Pretested	Pretested	Pretested	LPA	LPA
619	Traffic Control for Construction Zones	Paint for Traffic Stripe	Pretested	Pretested	Pretested	LPA	LPA
		Glass Beads	Pretested	Pretested	Pretested	LPA	LPA
		Reflective Pavement Markers & Adhesive	See Item No. 627	See Item No. 627	See Item No. 627	LPA	LPA
		Pavement Marking Tape	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
		New Construction Signs	Certification	Certification	Certification	LPA	LPA
		Concrete Median Barrier	See Item No. 615	See Item No. 615	See Item No. 615	LPA	LPA
		Impact Attenuators	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
		Guardrail	See Item No. 606	See Item No. 606	See Item No. 606	LPA	LPA
		Snap-Back Delineators	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
All Other Materials	Manufacturer's Certification	Manufacturer's Certification	Manufacturer's Certification	LPA	LPA		
623	Drainage Wicks	Wicks	Certified Test Reports	Certified Test Reports	Certified Test Reports	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
625	Painted Traffic Markings	Paint	Pretested	Pretested	Pretested	LPA	LPA
		Beads	Pretested	Pretested	Pretested	LPA	LPA
626	Thermoplastic Traffic Markings	Thermoplastic	MDOT Approved Source; Certification	MDOT Approved Source; Certification	MDOT Approved Source; Certification	LPA	LPA
		Drop-on Glass Beads	Pretested	Pretested	Pretested	LPA	LPA
627	Raised Pavement Markings	Markers	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
		Bituminous Adhesive	Pretested	Pretested	Pretested	LPA	LPA
628	High Performance Cold Plastic Pavement Markings	Cold Plastic Pavement Marking	MDOT APL; Certification; 5 FT Sample each Lot	MDOT APL; Certification; 5 FT Sample each Lot	MDOT APL; Certification; 5 FT Sample each Lot	LPA	LPA/ MDOT Central Lab
629	Vehicular Impact Attenuators	Attenuators	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
630	Traffic Signs & Delineators	Concrete	See Item No. 601-B	See Item No. 601-B	See Item No. 601-B	LPA	LPA
		Wood Posts	Pretested	Pretested	Pretested	LPA	LPA
		All Metals, Etc.	Domestic Origin; Certification	Domestic Origin; Certification	Domestic Origin; Certification	LPA	LPA
		Reflectorized Materials	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
631-686	Traffic Signal and Illumination Systems-General	Concrete	See Item No. 601-B	See Item No. 601-B	See Item No. 601-B	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Other Materials	Certification	Certification	Certification	LPA	LPA
		Treated Wood	Pretested	Pretested	Pretested	LPA	LPA
801	Excavation and Fill	Density	See Item No. 206	See Item No. 206	See Item No. 206	LPA	LPA
802	Sheet Piling	Concrete	Pretested	Pretested	Pretested	LPA	LPA
		Steel	Mill Test Report; Domestic Origin	Mill Test Report; Domestic Origin	Mill Test Report; Domestic Origin	LPA	LPA
803	Deep Foundations	Concrete:					
		(1) Precast	See Item No. 804	See Item No. 804	See Item No. 804	LPA	LPA
		(2) Drilled Shafts	See Item No. 804	See Item No. 804	See Item No. 804	LPA	LPA
		Steel	Mill Test Report; Domestic Origin	Mill Test Report; Domestic Origin	Mill Test Report; Domestic Origin	LPA	LPA
804	Concrete Bridge Structures	Mixture Design	MDOT Approval	MDOT Approval	MDOT Approval	Contractor	MDOT Central Lab
		Cement	MDOT Approved Source; 1 Gallon Sample each 500 CY; Certificate A or B	MDOT Approved Source; 1 Gallon Sample each 500 CY; Certificate A or B	MDOT Approved Source; 1 Gallon Sample each 500 CY; Certificate A or B	LPA	LPA/MDOT Central Lab
		Fly Ash	MDOT Approved Source; 1 Gallon Sample each 2000 CY; Certificate A or B	MDOT Approved Source; 1 Gallon Sample each 2000 CY; Certificate A or B	MDOT Approved Source; 1 Gallon Sample each 2000 CY; Certificate A or B	LPA	LPA/MDOT Central Lab

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Ground Granulated Blast Furnace Slag	MDOT Approved Source; 1 Gallon Sample each 1000 CY; Certificate A or B	MDOT Approved Source; 1 Gallon Sample each 1000 CY; Certificate A or B	MDOT Approved Source; 1 Gallon Sample each 1000 CY; Certificate A or B	LPA	LPA/ MDOT Central Lab
		Aggregates (Coarse and Fine)	MDOT Approved Source	MDOT Approved Source	MDOT Approved Source	LPA	LPA
		Aggregate Gradations	1 sample each 250 CY placed	1 sample each 250 CY placed	1 sample each 250 CY placed	LPA	LPA
		Curing Material	Pretested	Pretested	Pretested	LPA	LPA
		Wire Rope or Cable	MDOT Approved Source; Domestic Origin; Certification; 5 FT Sample each 100,000 LF	MDOT Approved Source; Domestic Origin; Certification; 5 FT Sample each 100,000 LF	MDOT Approved Source; Domestic Origin; Certification; 5 FT Sample each 100,000 LF	LPA	MDOT Central Lab
		Spiral Wire	MDOT Approved Source; Domestic Origin; Certification; 4 FT Sample each Shipment	MDOT Approved Source; Domestic Origin; Certification; 4 FT Sample each Shipment	MDOT Approved Source; Domestic Origin; Certification; 4 FT Sample each Shipment	LPA	LPA/ MDOT Central Lab
		Admixtures	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
		Prestressed Concrete Beams & Piles	MDOT Approved Source; Pretested; Certified by Producer	MDOT Approved Source; Pretested; Certified by Producer	MDOT Approved Source; Pretested; Certified by Producer	MDOT District	MDOT District

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Structural Steel (Joints and Bearings)	MDOT Approved Source; Domestic Origin; Mill Test Report	MDOT Approved Source; Domestic Origin; Mill Test Report	MDOT Approved Source; Domestic Origin; Mill Test Report	LPA	LPA
		Reinforcing Steel	MDOT Approved Source; Domestic Origin; Pretested	MDOT Approved Source; Domestic Origin; Pretested	MDOT Approved Source; Domestic Origin; Pretested	LPA	LPA
		Cylinders (3 each set)	1 set for each 100 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 100 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each 100 CY placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	LPA	LPA
		QC/QA Test Comparison	See 804 and Concrete Field Manual	See 804 and Concrete Field Manual	See 804 and Concrete Field Manual	LPA	LPA
		Neoprene Bearing Pads	Certification; 1 Pad each Lot	Certification; 1 Pad each Lot	Certification; 1 Pad each Lot	LPA	LPA/ MDOT Central Lab
		Grout, Epoxy, & Patching Material	MDOT APL or 1 Bag each Component including Mixing Instructions (Approved prior to use)	MDOT APL or 1 Bag each Component including Mixing Instructions (Approved prior to use)	MDOT APL or 1 Bag each Component including Mixing Instructions (Approved prior to use)	LPA	LPA/ MDOT Central Lab
		Joint Repair & Silicone Sealant	MDOT APL; Manufacturer's Certification	MDOT APL; Manufacturer's Certification	MDOT APL; Manufacturer's Certification	LPA	LPA
		Concrete Texture Spray Coating	MDOT APL; Manufacturer's Certification	MDOT APL; Manufacturer's Certification	MDOT APL; Manufacturer's Certification	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
805	Reinforcement Steel		MDOT Approved Source; Pretested; Domestic Origin	MDOT Approved Source; Pretested; Domestic Origin	MDOT Approved Source; Pretested; Domestic Origin	LPA	LPA
806	Precast (All Units) Concrete Bridge Caps, Spans and Wings		Pretested	Pretested	Pretested	MDOT Central Lab	MDOT Central Lab
808	Joint Repair	Epoxy Joint Repair System	MDOT APL; Certification each Shipment	MDOT APL; Certification each Shipment	MDOT APL; Certification each Shipment	LPA	LPA
809	Retaining Walls						
	Conventional:	Concrete Items	See Item No. 804	See Item No. 804	See Item No. 804	LPA	LPA
		Backfill	See Item No. 203 and No. 206	See Item No. 203 and No. 206	See Item No. 203 and No. 206	LPA	LPA
	MSE:	Precast Concrete Panels	Certification	Certification	Certification	LPA	LPA
		Modular Blocks: - Materials	Certification	Certification	Certification	LPA	LPA
		Compressive Strengths	Certified Test Reports	Certified Test Reports	Certified Test Reports	LPA	LPA
		Leveling Pad	1 set for each wall (3 cylinders per set) placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each wall (3 cylinders per set) placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each wall (3 cylinders per set) placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Drainage Fill (Gradation)	Initial Placement	Initial Placement	Initial Placement	LPA	LPA
		Reinforced Backfill	See Item No. 203	See Item No. 203	See Item No. 203	LPA	LPA
		Classification, P.I., and Proctor	Initial Placement	Initial Placement and 1 each 15,000 CY	Initial Placement and 1 each 10,000 CY	LPA	LPA
		Density	1 each 1000 LF each layer	1 each 750 LF each layer	1 each 500 LF each layer	LPA	LPA
		Metallic Backfill Reinforcement	Certification	Certification	Certification	LPA	LPA
		Geogrids	MDOT APL; Certification; Certified Test Report and 5 SY Sample each Lot and Type	MDOT APL; Certification; Certified Test Report and 5 SY Sample each Lot and Type	MDOT APL; Certification; Certified Test Report and 5 SY Sample each Lot and Type	LPA	LPA/ MDOT Central Lab
	Gravity:	Leveling Pad	1 set for each wall (3 cylinders per set) placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each wall (3 cylinders per set) placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	1 set for each wall (3 cylinders per set) placed from a single supplier. Density, Slump, temperature, and total air content with each set of cylinders	LPA	LPA
		Prefab Modular Units	Manufacturer's Certification	Manufacturer's Certification	Manufacturer's Certification	LPA	LPA
		Backfill					
		Classification, P.I., and Proctor	Initial Placement	Initial Placement	Initial Placement	LPA	LPA
		Density	As required (see specifications)	As required (see specifications)	As required (see specifications)	LPA	LPA

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
810	Steel Structures	Steel	Mill Test Reports	Mill Test Reports	Mill Test Reports	LPA	LPA
		Paint (Prime, Intermediate & Top Coats)	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
		Bolts, Nuts, Washers & DTI's	Mill Test Reports; Certifications	Mill Test Reports; Certifications	Mill Test Reports; Certifications	LPA	LPA
811	Bronze & Copper-Alloy Bearing and Extension Plates	Metals	Certified Test Reports	Certified Test Reports	Certified Test Reports	LPA	LPA
812	Steel Grid Flooring	Steel	Mill Test Reports; Domestic Origin	Mill Test Reports; Domestic Origin	Mill Test Reports; Domestic Origin	LPA	LPA
813	Railing	Materials	See Applicable Items in 804	See Applicable Items in 804	See Applicable Items in 804	LPA	LPA
814	Paint Metal Structures	Paint (Prime, Intermediate & Top Coat)	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
815	Riprap and Slope Paving	Concrete Items	See Item No. 804	See Item No. 804	See Item No. 804	LPA	LPA
		Geotextile	Certification and Sample each Lot and Type; Sample 10 FT by Full Roll Width	Certification and Sample each Lot and Type; Sample 10 FT by Full Roll Width	Certification and Sample each Lot and Type; Sample 10 FT by Full Roll Width	LPA	LPA/ MDOT Central Lab
		Cloth or Jute Bags	Certification	Certification	Certification	LPA	LPA
		Riprap	MDOT Approved Source; Pretested or Visual Inspection	MDOT Approved Source; Pretested or Visual Inspection	MDOT Approved Source; Pretested or Visual Inspection	LPA/MDOT Central Lab	LPA/MDOT Central Lab

ITEM NO.	ITEM	MATERIAL OR TEST	FREQUENCY			SAMPLED/ SUBMITTED BY	EVALUATED/ TESTED BY
			Low Risk	Moderate Risk	High Risk		
		Sediment Control Stone	MDOT Approved Source; Certification	MDOT Approved Source; Certification	MDOT Approved Source; Certification	LPA	LPA
816	Maintenance Painting of Metal Structures	Paint (Prime, Intermediate & Top Coat)	MDOT APL; Certification	MDOT APL; Certification	MDOT APL; Certification	LPA	LPA
820	Timber Structures	Treated Timbers (Piling, Lumber)	Pretested	Pretested	Pretested	MDOT Central Lab	MDOT Central Lab
		Hardware	Manufacturer's Certification	Manufacturer's Certification	Manufacturer's Certification	LPA	LPA
822	Neoprene Expansion Joints	Joints	Manufacturer's Certification	Manufacturer's Certification	Manufacturer's Certification	LPA	LPA