

ALDOT-342

SUMMARY OF TESTS (BMT-38)

1. Scope

- 1.1 Requirements for submitting Summary of Tests (BMT-38)

2. Applicable Document

- 2.1 FHWA FHPM Volume 6, Current Edition
- 2.2 ALDOT Guidelines for Operation 4-1: Administration of Construction Projects

3. Summary of Method

- 3.1 A Materials Certificate is required on all Federal-aid projects. This certificate is a certification to the FHWA by the Materials and Tests Engineer that all materials incorporated into the project were in reasonable compliance with plan and specification requirements. This certificate cannot be issued until both the BMT-38 submittal and IAS&T (Record Check) are in order.
- 3.2 Form BMT-38 is required to be submitted by each Area to the Materials and Tests Engineer along with a letter of certification (Appendix A) indicating that all materials used on all projects containing Federal funds and State projects subject to future federal funding were tested and met the required specifications. The letter of certification shall be signed by the Region Engineer or Appointee. This is submitted at the completion of the project.
- 3.3 The acceptance of materials for incorporation into Alabama Department of Transportation (ALDOT) projects will be in strict accordance with ALDOT specifications, policies and procedures. For the acceptance criteria of various materials, please see the associated materials pay item number as outlined in the Acceptance Sampling and Testing Schedule contained in the ALDOT Testing Manual.
- 3.4 In cases where test reports are not available to cover all the quantities used, reasonable effort should be exerted to find the missing test reports without delay. If the missing reports cannot be recovered or if the quantity is within reasonably close compliance with the test report quantities, the BMT-38 should be submitted along with adequate explanation to the Bureau of Materials and Tests.

4. Certification Requirements

- 4.1 Certification: This is a test report with actual test results for all parameters listed in the Specifications for the material being used. For materials that require a certification and sample, please send certification and sample in the same box or bundle to insure prompt handling and avoidance of separation. The manufacturer's Certification should be delivered to the Project Manager

to be checked. The project offices are currently forwarding the Certification to the ALDOT Area Materials Office that will check it for accuracy and forward it to the ALDOT Bureau of Materials and Tests' Certification Office in Montgomery for processing and distribution. Data from the M&T Certification Office is signed by the Testing Engineer and then goes to the Project Manager for inclusion in the BMT-38.

- 4.2 BMT-38: These are Bureau of Materials and Tests' forms used for the summary of Acceptance Tests (Job Control, etc.), Certifications, reports, etc., necessary for "Materials Certification" of the project. A blank BMT-38 form and an example completed BMT-38 are located in Appendix B and Appendix C respectively. Send the completed BMT-38 assembly to ALDOT Region Office for review. The Region will forward it to the Bureau of Materials and Tests, IAS&T/Materials Certification Engineer for processing and distribution. If there are any questions about completing the BMT-38 (Certification of Materials and Tests), please contact the BMT-38 Office in Montgomery: (334)206-2223 or (334)206-2319.

5. Guidelines for completing a BMT-38

- 5.1 Before a BMT-38 review can begin, Final Quantities accompanied by a letter from the Area Construction Office or Local Transportation Office stating that the project is complete/accepted is required.
- 5.2 A BMT-38 is not required on projects for: Mowing, Railroad Signals, Landscaping and Removal of Structures (if no tested materials were required/used).
- 5.3 Applicable materials incorporated into the construction of the project must have one of the following:
- A. A passing test report issued by the ALDOT, or
 - B. A certification issued by the manufacturer and approved by the ALDOT, or
 - C. A visual inspection for small quantities performed by the Project Manager or his representative, executed in accordance with the Testing Manual and reported on Form BMT-16-A, or
 - D. A material guaranty (BMT-73) if utilized on a project.
- 5.4 The BMT-38 Report is composed only of the types of Job Control (Acceptance) test reports or methods cited above. IAS&T-R and IAS&T-M test reports are not acceptable.
- 5.5 Test Reports* for: Compaction and Soils on (Non-Asphalt) Final Roadbed, Subbase, Base, Shoulder Layers, Concrete Cylinders and Concrete Beams are

not required for the BMT-38. *NOTE: These test reports are required for Project Acceptance in accordance with the Testing Manual.

- 5.6 Do not use: (a) Failed tests or (b) Certifications that have not been approved.
- 5.7 Do not use the same test report twice.
- 5.8 No tickets can be used as test reports or certification sheets, even if they are stamped with a BMT-10 Stamp.
- 5.9 Make sure all completed sheets are legible. Use ink pens, type it in or use a dark pencil, so that fully legible copies can be made, if needed.
- 5.10 The "Catalog Method" is advised for small projects. Sheet 1 is used for the first page in the report and would be followed by the test reports for the Pay Items listed on Sheet 1. Sheet 2 would be used for the remaining Pay Items on the project. Each sheet 2 used would be followed by the test reports for the Pay Items listed on that sheet.
- 5.11 The "Separate File System" is advised for larger projects. For example, keeping everything pertaining to Section 327 Bituminous Base in a separate file. Sheet 1 or 2 is clipped to one side of the file folder and the corresponding test reports are clipped to the other side. The files should be numbered. A list or Table of Contents should be nearby.
- 5.12 The Central Office requests that you put several items on the same sheet (Catalog System only), to keep the document as short as possible. Keep the Pay Items in the correct order as in the Final Estimate.
- 5.13 The BMT-38 has two sheets (See attached sheets). Sheet 1 is to be used one time only. All other information should be placed on Sheet 2 as a continuation sheet.
- 5.14 Number the pages in the allotted spaces (Ex: 1 of 30, 2 of 30, etc.). This will let us know the number of pages in the BMT-38 and whether we have all of them.
- 5.15 The Pay Item Number under which each material was paid should also be shown in addition to the Laboratory Number in the Laboratory Number column.
- 5.16 Arrange the test reports which are attached to the BMT-38 Form in the same order as they are listed on the Final Estimate and in the contract. Include the item description, pay item number and unique number (Ex: Tack Coat, Item 405A-000).
- 5.17 Make sure that all test reports have the correct Project Number or provide explanation of the wrong Project Number being used.
- 5.18 When method of acceptance is by MSDSAR (Materials, Sources and Devices with Special Acceptance Requirements) list both the producer's name and

- MSDSAR Manual List Number. Include an invoice or other documentation to verify source/material is on MSDSAR List.
- 5.19 Use the same units in the BMT-38 as shown in the contract and Final Estimate – tons or gallons, etc.
 - 5.20 When converting pay item units to materials quantities, submit a worksheet to show calculations for each pay item converted such as Surface Treatment and Foundation Backfill.
 - 5.21 List your BMT-72 for pipe ticket or invoice number as Laboratory Number.
 - 5.22 Use the BMT-91 Laboratory Number for Aggregate.
 - 5.23 Check to make sure you have adequate and proper test reports to represent the quantities of materials used on the job. (See 5.6 & 5.7)
 - 5.24 If possible, BMT-38's should reach this office soon after the completion of the job. Do not hold a completed BMT-38. Only complete BMT-38's should be forwarded to the Materials and Tests Bureau for Final Material Certification. Final Material Certification can only be issued after the IAS&T Check has been completed.
 - 5.25 There are time charges for checking BMT-38's; therefore, one that is well organized and complete requires much less time to check, thereby resulting in a cost saving for the project.
 - 5.26 Submit one copy of the QC/QA Form 3 with each pay item on QC/QA projects with Bituminous Plant Mix.
 - 5.27 List all AC Contents for Plant Mix in pounds or kilograms, depending on the project contract units.
 - 5.28 Use the BMT-146 Asphalt Refinery's Producer Reference Number as Laboratory Number in the BMT-38 Report.
 - 5.29 Submit a copy of all Asphalt Design Mixes used on the project along with a Liquid AC worksheet showing the tons or metric tons placed multiplied by percent of AC added to mix.
 - 5.30 List all liquids for Tack and Surface Treatments in gallons or liters depending on the project contract units. Show the pounds per cubic foot or kilograms per cubic meter weights used in calculating the BMT-38 aggregate quantities for surface treatments.
 - 5.31 Use the BMT-178 Traffic Marking Material Certificate of Compliance Producer Reference Number or STR Number as Laboratory Number on the BMT-38 Report.
 - 5.32 List all Concrete Mix Designs in cubic yards or cubic meters for each mix depending on the project contract units. Include all related pay items on approved concrete mix design.

- 5.33 All concrete mix quantities should be in pounds or kilograms depending on the project contract units.
- 5.34 Submit one copy of each of the BMT-38 sheets to the Region Office.
- 5.35 Submit one copy of each test report listed on the BMT-38 sheets to the Region Office with the BMT-38.
- 5.36 BMT-38 packages submitted to Materials and Tests Engineer shall include but not limited to the following:
- Cover Letter
 - BMT-16-A
 - Check Sheet
 - Final Quantities
 - Project Summary Sheets
 - Calculation Sheets
 - QC/QA Form 3
 - Asphalt JMFs
 - Electrical Submittal (approved copy of Form C-40)
 - Other letters/correspondence relating to test reports (Test Strip waiver letter for asphalt items, letter of Acceptance from City and/or local water authority and Statement of Compliance with the American Water Works Association for Section 641 Items)
- 5.37 A typical list of pay items is in Appendix D. The list of pay items is not meant to be a substitute for the ALDOT Testing Manual and is not considered all-encompassing. The list consists of the most commonly used materials. For questions about any material not listed below, refer to Special Provisions related to your project, ALDOT Standard Specifications, Supplemental Agreements, Project Plans, and/or contact this office.

APPENDIX A

LETTER OF CERTIFICATION BY REGION ENGINEER

Materials and Tests Engineer
Bureau of Materials and Tests
Alabama Department of Transportation
Montgomery, Alabama 36110

Re: Project No: _____
_____ County

BMT-38 Materials Certification

Dear Sir:

This is to certify that all the materials used on the above referenced project met pertinent specification requirements of the contract. All the materials were properly covered by samples tested, and/or certified and accepted by the Bureau of Materials and Tests.

Laboratory reports covering tests of materials reported for this project are attached to Form BMT-38 submitted with this certification and are on file in the Region office.

Sincerely,

Region Engineer

APPENDIX B
SUMMARY OF TESTS (BMT-38)

Project No.: _____ County: _____
Contractor: _____

Laboratory numbers and quantities of all tested materials incorporated in this project are listed below under the item in which they were used. This report covers all items in which tested materials are required.

Type of Material: _____
Project Manager _____ Region Engineer/Appointee _____

Lab No.	Quantity	Lab No.	Quantity	Lab No.	Quantity

APPENDIX C EXAMPLE SUMMARY OF TESTS

Project No.: NH-0999(999) County: Limestone
 Contractor: ABCD Contracting Services, Inc.

Laboratory numbers and quantities of all tested materials incorporated in this project are listed below under the item in which they were used. This report covers all items in which tested materials are required.

Type of Material: See Below Mary Jones John Smith
 Project Manager Region Engineer/Appointee

Lab Number	Quantity	Lab Number	Quantity	Lab Number	Quantity
405A-000 Tack Coat		PG 67-22 Asphalt		430B-040 Aggregate Surfacing	
383270	55580.00	33512	53900.00	152-23S	1840.23
391217	50020.00	33518	41640.00	152-24S	1558.53
Total	105600.00 lbs.	33486	53560.00	Total	3398.76 tons
Total	12408.93 gal	33487	53440.00		
		Total	202540.00 tons	Type 1 Glass Beads	
407B-000 Joint Sealant				Swarco Industries, TN	
31079	24000.00	PG 76-22 Asphalt		Batch 103038 SI	
Total	24000.00 lbs.	58126	56740.00		
Total	2820.21 gal	58191	52300.00	White Thermoplastic	
		58214	53640.00	Crown Technology	
424A-280 Wearing Layer, 1/2"		58123	55280.00	Batch 07051:333-354 Lot #43	
TS	492.22	58177	55500.00		
Lot 1	2800.00	58178	56920.00	Yellow Thermoplastic	
Lot 2	2134.63	58180	54320.00	Crown Technology	
Lot 3	26.20	58131	53540.00	Batch 11290:067-088 Lot #113	
Total	5453.05 tons	58132	53060.00		
		58301	53780.00	Type 4 Glass Beads	
424B-655 Upper Binder, 3/4" Mix		58303	53060.00	Potter Industries, TX	
TS	445.77	58309	52480.00	Batch Lot 85 B 1-6	
Lot 1	2800.00	58309	52480.00		
Lot 2	2800.00	58320	52980.00	705 Pavement Markers	
Lot 3	631.14	58252	50180.00	3M Company, MN	
Total	6676.91 tons	48244	51040.00		
		58275	49940.00	Adhesive from Martin Asphalt	
424B-655 Upper Binder Patching, 1"		58287	47860.00	MSDSAR List V-2	
TS	498.84	Total	955100.00 tons		
Lot 1	1645.59				
Lot 2	2800.00				
Total	4944.43 tons				

Show quantities for each item.

APPENDIX D

SECTION	MATERIAL	METHOD OF ACCEPTANCE
210F	Borrow Excavation (Underwater Embankment)	BMT-91
214B	Foundation Backfill, Commercial	See BMT-91 for unit weight data. The BMT-91 laboratory numbers should be on the BMT-38.
217	Bolts, Wedges, Expansion Shells, Taper Plugs, Roof Plates	Submit Certified Mill Test Reports. See Testing Manual. Sample Bolts.
219	Rock Buttress	BMT-91
219	Horizontal Drains/PVC Pipe	Submit Certified Mill Test Reports or sample three pieces 3 feet long
219	Concrete Pipe	See testing Manual ALDOT Procedure 364 (Contact Aggregate Laboratory)
219	Filter Fabric	See MSDSAR Manual List II-3. Sample two six-foot pieces the full width of roll per 6000 sq. yards or 5000 sq. meters & submit with certifications attached.
224	Aggregate, Concrete Seal, Steel Rebar	BMT-91, Approved Concrete Mix Design, Submit Certified Mill Test Reports. See Section 502.
231	Roadbed Stabilizing Material	BMT-91
232	Water	Sample one gallon each source. None required on Municipal Water Systems.
232/817	Hydrated or Quick Lime	See MSDSAR Manual List I-6 and its requirements or sample one liter/2 quarts and submit to Central Laboratory.
301A	Crushed Aggregate Base, Type B, Plant Mixed	BMT-91
301C	Cement	Invoice and MSDSAR List I-2
302A	Full Depth Reclamation with Portland Cement	See 301 for cement
327,420,423,424	Asphalt Plant Mixes	List BMT-20 report for plant mix test report on BMT-38 and list BMT-146 Producer Reference Number which gives grade of asphalt and quantity shipped from refinery. QC/QA Form 3 and JMF. See ALDOT-243.
403	Micro-Surfacing Seal Coat	Approved mix design, BMT-146 & BMT-91
404A	Fog Seal	BMT-20, QC/QA Form 3, JMF, BMT-146
401/404/409	Latex/Analysis, Latex/Compatibility	Submit Certified Mill Test Reports. On site testing by project personnel. ** See Section 811. BMT-91 for Aggregate
405 / 407	Tack Coat/Joint Sealant	List BMT-146 Producer Reference Number which gives grade of asphalt and quantity shipped from refinery. See ALDOT-243.

430	Aggregate Surfacing	See BMT-91. Show tons tested on BMT-38 to compare with tons on Final Estimate.
431B-001	High Friction Surface Treatment	Certification for epoxy and aggregate
432A	High Density Mineral Bond	Approved mix design and certified test reports
433A	Scrub Seal	BMT-146 & certificate of analysis, BMT-91
434A	High Performance Chip Seal	
450/830	Liquid Curing Compound	Submit Certified Mill Test Report.
450/832.01	Preformed Joint Fillers	Pretested/sample one-yard full depth min. 6 inches. See MSDSAR Manual List II-13.
450/832.02	Poured Joint Sealer (Cold and Hot)	See MSDSAR Manual List III-4.
450 and 522/832.03	Preformed Elastomeric Joint Seals	For bridges see MSDSAR Manual List III-6. For concrete pavement sample at project 1.5 meters or contact Product Evaluation Engineer.
450/832.03	Lubricant Adhesives	See MSDSAR Manual List II-9.
450/832.05	Waterstop	Sample at project and submit to Central Lab 3ft/1 meter or Certified Mill Test Report
454.02	Waterproofing Concrete Joints	See MSDSAR Manual List II-10 and ALDOT-195, Section 2.4.
457	Undersealing Concrete Pavement	Certification for Hydro Insensitive High-Density Polyurethane
501	Permanent Steel Bridge Decking	Submit Certified Mill Test Reports with chemical, physical and actual galvanization readings (See Section 501.03).
450/502/835	Steel Reinforcement, Steel Rebar, Wire Mesh (plain & deformed), Welded Wire (plain & deformed), Spiral Wire	Submit Certified Mill Test Reports OR SAMPLE at project. Welded Wire Mesh 2ft by 2ft. Spiral Wire 3 pieces @ 18". Rebar no sample required.
490	Bridge Deck Overlay	Certification/Test Reports for Sealer, Epoxy and Aggregate
505/834	Steel Piling, Steel Sheet Piling	Submit Certified Mill Test Reports. For pile points see MSDSAR Manual List II-2.
506	Casing for Drill Shaft	Accepted by project engineer based on proper field performance and coating meeting Section 521 and MSDSAR Manual List III-1.
507	Abutment and Bulkhead Anchors (Wire Rope Anchor Abutment Assemblies)	Submit Certified Mill Test Reports for wire rope and galvanization readings on various bolts and turnbuckles.
508/836	Structural Steel Girders, Stringers, Cross Frames, etc.	Bridge Bureau Form One must accompany Certifications. Certified Mill Test Reports sent directly to Bureau of M&T Certification Office and to steel inspectors by Manufacturers.

508/836	Structural Steel Clip Angles, Pile Cap Channels, Armor Plates	Bridge Bureau Form One must accompany Certifications. Certified Mill Test Reports sent directly to Bureau of M&T Certification Office and to Steel Inspectors by Manufacturers. OR Submit copy of Shop Drawings and see MSDSAR Manual List I-9
508/836	Structural Steel Anchor Bolts, Nuts & Washers	Bridge Bureau Form One must accompany Certifications. Twenty or less per project (total all sizes) can be accepted by Certified Mill Test Reports. More than twenty per project (total all sizes) must sample one per heat, lot and size with nuts and washers. OR Submit copy of Shop Drawings and see MSDSAR Manual List I-9
508/836	Structural Steel High Strength Fasteners (A-325 Bolts)	Bridge Bureau Form One must accompany Certifications. On bridges, sample out of buckets at project with certifications attached, sample two per heat, lot and size if 800 or less. Three must be samples if 801 to 3000. For bolts used on sign beam post or overhead structures, see ALDOT Procedures 245 & 247.
509	Timber	Section 833. Also, see ALDOT Procedure 348.
511	Elastomeric Bearing Pads	See ALDOT Procedure 368. Certifications must accompany samples.
512	Precast Non-Prestressed Concrete Bridge Members	See MSDSAR Manual List I-8 and BMTP-364. BMT-72 from the producer will be the test report.
505/513	Prestressed Concrete Piling, Prestressed Concrete Girders	Use BMT-139 (shipping report) from prestress producer showing type of member and linear feet on BMT-38.
515	Waterproofing Materials	See MSDSAR Manual List II-10 and its requirements.
515	Waterproofing Fabrics	Sample one yard by full width of roll and submit with certifications per 200 rolls.
517	Handrails	Submit Certified Mill Test Reports.
521	Steel Bridge Coatings	See MSDSAR Manual List III-1 and its requirements.
522	Bridge Joint Seals	See MSDSAR Manual List III-6 or contact Product Evaluation Engineer.
529	Cast in Place	Cement - List I-2, Reinforcing Steel - Certification, list I-12; Aggregate - List I-1; Joint Fillers, Sealers, Waterstop Materials - List II-10 & List III-4
529	Mechanically Stabilized Earth Walls	See MSDSAR Manual List II-22. Concrete for Footings and/or Caps - See Section 501 (approved concrete mix design); Tie Strips/Reinforcing Strips - Certifications; Commercial Aggregate - List I-1

529	Gravity Walls	Precast Concrete Elements - ALDOT-364 (BMT-72), List I-8; Concrete for Footings and/or Caps - See Section 501; Commercial Aggregate - List I-1
530/850	Roadway Pipe/Concrete	See MSDSAR Manual List I-8 and ALDOT Procedure 364 (Contact Aggregate Laboratory)
530/850	Roadway Pipe/Corrugated Metal	Submit Certified Mill Test Reports with physical, chemical, galvanization readings and (if coated) a report on bituminous coating. See ALDOT Procedure 330 and complete Form 60.
531/841	Corrugated Metal /Structural Plate Pipe	Submit Certified Mill Test Reports and see ALDOT Procedure 330 and complete Form 60.
532	Slotted Drain Pipe	Submit Certified Mill Test Reports and see ALDOT Procedure 330 and complete Form 60. Must be on MSDSAR Manual List II-16.
533/854	Storm Sewers/Corrugated Pipe	Submit Certified Mill Test Reports and see ALDOT Procedure 330 and complete Form 60.
533/854	Storm Sewers/Concrete	See ALDOT Procedure 364 (Contact Aggregate Laboratory)
533/854	Storm Sewers/PVC or Polyethylene	Submit Certified Mill Test Reports or submit samples: 3 pieces @ 3 feet length.
533/854	Storm Sewers/Ductile Iron Pipe	Submit Certified Mill Test Reports
535/854	Side Drain Pipe	Same as Storm Sewers (see above).
602	ROW Markers	BMT-72
605/853	Pavement Edge Drains/Concrete Pipe	See ALDOT Procedure 364 (Contact Aggregate Laboratory).
605/853	Pavement Edge Drains/PVC and Polyethylene Pipe	Submit Certified Mill Test Reports or submit samples: 3 pieces @ 3 feet length.
605	Pavement Edge Drains/ Geotextile Fabrics	Must be on MSDSAR Manual List II-3 and sample two pieces 2 meters long by full width of roll. (Soil Laboratory in Central Laboratory) One sample per 5000 sq. meters or 6000 sq. yards.
605	Pavement Edge Drains/Prefabricated Drainage Mats	See MSDSAR Manual List II-18.
606/853	Pipe Underdrain/PVC or polyethylene	Submit Certified Mill Test Reports or submit samples: 3 pieces @ 3 feet length.
606/607/608/610	Geotextile Fabric	See Section 605.
610	Riprap	BMT-91; List I-1
611	Hydrated Lime	See MSDSAR Manual List I-6.
613	Concrete Blocks and Bricks	Sample and submit ten (10) for each lot to Central Laboratory
617	Bituminous Treated Glass Fiber Flumes	See MSDSAR Manual List II-8.
618	Truncated Domes	MSDSAR List II-25

621	Inlets, Grates & Seats	See MSDSAR Manual List I-9. If structure is cast in place - approved concrete mix design; if precast - ALDOT-364 (BMT-72)
624	Cable Guiderail	MSDSAR List II-31, Certifications for guiderail components and steel reinforcement, approved concrete mix design and approved letter of compliance
629	Concrete Median or Safety Barrier	BMT-72, certification for steel reinforcement, approved concrete mix design
629	Bridge Guardrail Retrofit	Certification for steel reinforcement
630	Guardrail and End Anchors	See MSDSAR Manual List II-17.
630	Guardrail and End Anchors/Steel Post, Wood Post and Wood Blocks	Submit Certified Mill Test Reports on steel post. For wood post and blocks submit Certificates of treatment with retention assays. See ALDOT Procedure 348 and include Form 170 which is filled out by the supplier of the material.
632	Headlight Glare Screen/New Post	Submit Certified Mill Test Reports on physical, chemical and actual galvanization readings.
634/871	Chain Link Industrial Fence	Submit Certified Mill Test Reports on physical, chemical and actual galvanization readings or sample one piece for each post, clamps, caps, etc. One piece of fence fabric three feet times the width of the roll.
634	Barbed Wire	Submit Certified Mill Test Reports or sample one-piece three-foot width in length.
635	Woven Wire Fence	Same as Section 634 (Chain Link Industrial Fence).
635	Wood Fence Post	Same as Section 630 (Guardrail Wood Post).
636	Barbed Wire Fence	Same as Section 634 (Chain Link Industrial Fence). 3 ft. sample size. Most Contracts state to the satisfaction of the property owner and certification & testing are waived.
641/863	Water Pipe/Cast Iron/Ductile Iron/ Galvanized Steel Pipe	Submit Certified Mill Test Reports.
641	Water Pipe/ Copper, PVC, Polyethylene	Submit Certified Mill Test Reports or sample three pieces @ 3-foot lengths (only one 3 ft. piece for copper).
641J	Fire Hydrant	Accepted on Water Board or City approval. No Certification needed.
645	Manhole; Manhole Frame and Cover Reset	BMT-72, Certification for cast iron materials, test reports
645/854	Sewer Pipe/ All except Concrete	Same as Section 641.
645/854	Sewer Pipe/Concrete	See ALDOT Procedure 364. (Aggregate Laboratory in Central Laboratory)
649/862	Utility Encasement Pipe	Submit Certified Mill Test Reports or sample three pieces. Note coating requirements in Section 862.

656	Mulching, Class A, Type 2 - Adhesive if tackifiers are used	Certification (BMT-146 from Refinery) See MSDSAR Manual List II-20
659	Erosion Control Netting	See MSDSAR Manual List II-11.
665	Silt Fence, Wattles, Inlet Protection Devices	See MSDSAR Manual List II-3. (No sample needed if certification is satisfactory) See MSDSAR Manual List II-24
701G-3W	Warranted Profile Tape	No testing at this time. See MSDSAR Manual List V-3 for Temporary Tape and MSDSAR Manual List V-4 for Permanent Tape.
701,702,703	Traffic Stripe & Thermoplastic, Traffic Control Markings and Legends, Drop-on Glass Spheres	From Approved Certificate. See ALDOT Procedure 420-05.
705	Pavement Markers & Adhesive	See MSDSAR Manual List V-2.
707	Delineators and Hazard Markers	See MSDSAR Manual List V-2.
710/880	Roadway Signs, U-Channel Sign Post, Beam Type Post, Bolts	See ALDOT Procedures 245 and 247.
713	Permanent Barricade	Submit Certified Mill Test Reports on steel posts and aluminum panels.
715/891	Overhead Structures	Submit Certified Mill Test Reports with physical, chemical & actual galvanization readings. These are sent directly to M&T Bureau when done by Walpar along with Bridge Bureau Form One. See ALDOT Procedure 245.
715/891	Overhead Structures/Anchor Bolts	More than 20 bolts per project, sample as Section 508. If 20 or less, submit Certified Mill Test Reports. Charpy V - Notch Test required.
715/891	Overhead Structures/High Strength Bolts	See ALDOT Procedures 245 and 247.
718/891	Structure for Signal Poles, Light Poles and surveillance Poles/ High Strength Bolts	Submit Certified Mill Test Reports with physical, chemical & actual galvanization readings for pole structure and for auger base foundation and anchor bolts if 20 or less, otherwise sample bolts.
718/855 & 890	Signal & Light Poles	Electrical materials are approved by Electrical Engineer's Office when drawing is approved, or the material is on the MSDSAR Manual List.
730	Wood Poles	Submit Certification on Treatment. See ALDOT Procedure 348.
726	Portable Concrete Safety Barrier/ Impact Attenuator	See MSDSAR Manual List I-8. Certification, See Testing Manual.
730	Signal Poles & Overhead Sign Structures	Certification (physical, chemical & galvanization). See Section 890 * Shop Drawings.
730	Anchor Bolts (See Section 508, 710, & 715)	Certification (physical & chemical). If over 20, sample one per size. See Section 508.
731	Pole for Mounting Traffic Control Detection Equipment	See Sections 730,718 & 891

750	Pole Foundation	Approved Concrete Mix Design, certifications for steel reinforcement and anchor bolts
750/756	Roadway Lighting/Electrical Items	Approved Material Submittal