MANUAL FOR FREQUENCY OF SAMPLING AND TESTING AND BASIS FOR USE OF MATERIALS

INDIANA DEPARTMENT OF TRANSPORTATION

OFFICE OF MATERIALS MANAGEMENT

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MANUAL FOR FREQUENCY OF SAMPLING AND TESTING AND BASIS FOR USE OF MATERIALS

GENERAL

The Department Standard Specifications, Section 106.02, states that the minimum required number of samples and tests will be as set out in the Frequency Manual. This edition of the Frequency Manual was prepared to make the frequency of sampling and testing conform to the requirements of the 23 Code of Federal Regulations (CFR) 637 Subpart B.

The schedules and instructions supersede all those previously issued and are effective upon receipt for all new contracts, and for all uncompleted work on existing contracts, unless there is a conflict with Special Provisions or Specifications.

The Frequency Manual is a tabulation of various items of materials and tests normally used in the construction and maintenance of highways and bridges. The manual specifies the minimum schedule necessary to satisfy the requirements for acceptance samples and tests for each item. The location (i.e. job site, source, mixing plant etc.) from which samples are to be taken or tests conducted is also specified for each item. The Department requires that samples be taken or tests conducted at these specified locations; however, occasional situations may occur that do not permit this procedure. When these occasions occur, the District Testing Engineer is required to determine if an alternate location is desirable. Samples are required to be taken and tests conducted as soon as possible after the material becomes available. Each sample is required to represent no more than the quantities listed by the Job Control Frequency of this manual. The frequency of samples or tests applies to quantities shown or fractions thereof.

Many of the items listed allow small quantities of the material to be accepted without samples or tests. When this procedure is permitted, the quantities are specified as approximate amounts.

The frequencies herein are the minimum required. The PE/PS always has the right and responsibility to have a questionable product re-tested.

COLUMN FORMAT EXPLANATION

Specification Reference

The Department Standard Specification references are provided as a convenience for research of additional material requirements.

Item

The current edition of the Department Standard of Specifications will govern over any material listed in this manual. All items listed in the Standard Specifications, which require acceptance samples and tests, are listed. Items either added to or deleted from the previous manual reflect changes in the Standard Specifications. Instructions in parentheses provide additional information or explanation.

Job Control Location, Job Control Notes, Job Control Frequency, and Acceptance Templates

The Job Control Location, Job Control Notes, and Job Control Frequency address the location and frequency for all sampling and testing for approval for incorporation of material into the contract. Sampling and testing is conducted by Qualified Technicians; however, out-of-state consulting firms and other State DOT's also conduct sampling duties for the Department. The person responsible for acceptance samples and tests is not specified in this manual. Any material received at the job-site that has not been approved is required to be sampled, tested, and approved prior to use. Questionable materials that have been approved should be resampled and tested for verification. Also, material accepted by visual inspection is required to be checked upon installation into the contract.

Terms used in these columns are explained as follows:

A. No Sample ID Required (Visual examination, dimensional check, where applicable, and a knowledge of past performance) -- this type of approval is given by the PE/PS on the basis of their own knowledge of the source of material or advice by other Department personnel. Sources will be considered acceptable provided the materials and supplies are the required quality.

B. Approval on the basis of certification -- for approval by certification, no test sample is required

C. Verification sampling -- this is a sample taken at random intervals for confirmation of quality and conformance

D. Approval Number -- a letter followed by a six-digit number that indicates the material has been tested and at a given period in time was approved for use

E. Approved Lot or Batch Number -- For materials that are pre-tested and stocked by material sources, the PE/PS is required to check the Office of Materials Management Pre-Approved Materials List for material, lot or batch number, and quantity delivered. If the material has been pre-tested and approved, the material is allowed for immediate use. The approval number will be entered into SiteManager.

F. SiteManager Sample ID Number -- A laboratory testing report twelve-digit sequence number which will govern over all other basis of approval

G. Type A, B, C, D, or Other Certifications -- When required, the PE/PS will have these documents before the material may be incorporated into the contract. The Certifications are required to be in accordance with the Standard Specifications, Section 916. Type A Certifications are to be scanned into SiteManager and attached to the Sample Record. The original certification will be placed in the project files. Type B, C, D, and mill Certifications, external documents, and other Certifications will also be placed in the project files.

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1	01 of 03	902.01a ITM 581 ITM 583	ASPHALT MATERIALS	HMA PLANT	PAVING GRADES PG64-22 AND PG58-28. Two verification samples per year per certified plant per grade.	Certification - Type A shall be maintained at the certified plant per ITM 583.	No Sample ID Required. SM9015 (Verification by District Testing)
1	02 of 03	902.01a	ASPHALT MATERIALS	HMA PLANT	ALL OTHER PAVING GRADES. Material in storage for more than 60 days without testing must be sampled, tested and approved prior to use.	Two 1 qt samples per sublot (one sublot equals a 24 hour period). A lot is 1-7 sublots per calendar week (Sun.-Sat.).	SM9015
1	03 of 03	902.01b through 902.01e	ASPHALT MATERIALS	POINT OF DELIVERY	NON-PAVING GRADES.	Certification-Type A Material is required to be sampled and tested by supplier every 14 days in storage and every 14 days after delivery of material.	SM9003
2	01 of 08	401.05	QC/QA-HMA	JOBSITE	Schedule to apply to each type of mixture.	Binder Content Bulk Specific Gravity Maximum Specific Gravity 1 each per sublot for ≥300 ton.	IT586 or IT571 T166 T209
2	02 of 08	401.05	QC/QA-HMA	JOBSITE	Schedule to apply to each type of mixture.	Certification-Type D for <300 ton.	SM9003
2	03 of 08	410.05	SMA	JOBSITE	Schedule to apply to surface course only.	Binder Content Gradation 1 each per sublot.	IT586 or IT571 T30
2	04 of 08	401.05 402.04	QC/QA-HMA	PLANT	DOLOMITE. Schedule to apply to each type of mixture.	1/1000 T of Dolomite with a minimum of one sample per contract per source for contracts with less than 2000 T of dolomite.	IT205
2	05 of 08	402.04 402.07 ITM 583	HMA	JOBSITE or MIXING PLANT	Schedule to apply to each type of mixture after the first 250 ton of mix for the season is produced.	Certification-Type D. For Base and Intermediate one sample for 1st 250 ton and each 1000 ton thereafter per day. For Surface one sample for 1st 250 ton and each 600 ton thereafter per day.	SM9003
2	06 of 08	403.05	CMA	MIXING PLANT	Schedule to apply to each type of mixture.	Certification-Type D	SM9003
2	07 of 08	403.05	CMA	JOBSITE or MIXING PLANT	DOLOMITE. Schedule to apply to each type of mixture.	1/1000 T of Dolomite with a minimum of one sample per contract per source.	IT205

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
2	08 of 08	403.05	COLD PATCHING MIX	N/A	N/A	Certification-Type A	SM9003
3	01 of 02	401.16 410.16	QC/QA-HMA and SMA (DENSITY-MAINLINE)	JOBSITE	For each type of mixture.	Two cores required for each sublot of mainline mixture.	T166
3	02 of 02	401.16	QC/QA-HMA (DENSITY-SHOULDERS)	JOBSITE	For each type of mixture except for the first 385 lb/sys over existing shoulders.	Two cores required for each sublot of shoulder mixture.	T166
4	01 of 04	915.01 or 915.02 or 910.21	STEEL PILES	JOBSITE	UNCOATED STEEL H PILES, STEEL ENCASED CONCRETE PILES AND STEEL SHEET PILES.	External Document-Mill Certification Certification (shoes and tips)-Type C	SM1002 SM9003
4	02 of 04	915.01 or 915.02 or 910.21	STEEL PILES	JOBSITE	EPOXY COATED STEEL H PILES, STEEL ENCASED CONCRETE PILES AND STEEL SHEET PILES.	External Document-Mill Certification Certification (epoxy coating)-Type C Approval Number (epoxy coating)	SM1002 SM9003 SM9004
4	03 of 04	910.21	STEEL PILES	JOBSITE	STEEL SHEET PILES. Temporary.	Visually inspect for suitability of use.	No Sample ID required.
4	04 of 04	701.11	H-PILE SPLICER COMMERCIAL	JOBSITE	UNCOATED STEEL H PILE SPLICERS.	External Document-Mill Certification	SM1002
5	01 of 02	911.01e	WOODEN PILES (TEMPORARY)	ANY LOCATION PRIOR TO USE	UNTREATED.	Visually inspect each piece for species, straightness and quality.	No Sample ID required.
5	02 of 02	911.01c	WOODEN PILES (PERMANENT)	TREATMENT PLANT	TREATED.	Visually inspect each piece after treatment and perform assay tests. (Testing by OMM unless approved otherwise). Approval Number-Stamp on end.	No Sample ID required. SM9004
6	01 of 01	915.04	ELASTOMERIC BEARING PADS (BR)	ANY LOCATION PRIOR TO USE	Allow 30 days for testing.	Certification-Type B One sample (one pad) of each type, for each lot. When shapes A and B of any type are required, only shape A shall be furnished for testing.	SM9003 Sample ID Number (from OMM)
7	01 of 03	906.07a	EXPANSION JOINTS	JOBSITE	Type SS. Inspect for dimensions and workmanship.	Certification for Elastomer-Type B Certification for Str. Steel and Sealant-Type C	SM9003 SM9003
7	02 of 03	906.07b	EXPANSION JOINTS	JOBSITE	Type M. Inspect for dimensions and workmanship.	Certification for Elastomer-Type B Certification for Str. Steel and Sealant-Type C	SM9003

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
7	03 of 03	RSP 724-B-145	EXPANSION JOINTS	JOBSITE	EXPANSION JOINT SEALING SYSTEM	Certification for Silicone Sealant - Type A Certification for Polymer Nosing System Binder - Type A Certification for Polymer Nosing System Mortar - Type A Certification for Bond Breaker - Type C	SM9003 SM9003 SM9003 SM9003
8	01 of 01	904	AGGREGATES	CAPP SOURCE	USED IN CONCRETE AND HMA PLANTS.	Approval Number	IT211
9	01 of 02	901.01	CEMENT	BATCH PLANT	One 12 lb random verification sample required as directed.	Approval Number	SM9004 SM1002
9	02 of 02	901.02	FLY ASH	BATCH PLANT	One 5 lb random verification sample required as directed.	Approval Number	SM9004 SM1002
10	01 of 02	901.08	BAGGED CEMENTS	JOBSITE	Portland and Masonry cements.	< 75 Bags Visual Inspection	No Sample ID required.
10	02 of 02	901.08	BAGGED CEMENTS	JOBSITE	Portland and Masonry cements.	≥ 75 Bags, test results (from OMM) One unopened bag for each 250 bags.	
11	01 of 01	901.08	BAGGED MORTAR MIX	JOBSITE	All packages shall be identified as conforming to ASTM C-387.	Visual Inspection	No Sample ID required.
12	01 of 02	912.03	CONCRETE ADMIXTURE	BATCH PLANT	TYPE A, B, C, D, E, F, G, and AIR ENTRAINMENT	Approval Number	SM9004
12	02 of 02	912.04	CONCRETE ADMIXTURE	BATCH PLANT	LATEX MODIFIER	Approval Number	SM9004
13	01 of 03	912.01	CONCRETE CURING MATERIALS	JOBSITE	Liquid Membrane Curing Materials.	≤ 1000 gal Visual Inspection	No Sample ID required.
13	02 of 03	912.01	CONCRETE CURING MATERIALS	JOBSITE	Liquid Membrane Curing Materials. Sample will be obtained at sprayer nozzle to obtain one 1 gal sample.	> 1000 gal, test results (from OMM) Sample once per source per contract which use > 1000 gal or as requested.	T155
13	03 of 03	912.02	CONCRETE CURING MATERIALS	JOBSITE	CONCRETE SEALERS, PROPRIETARY. One 1 qt random verification sample required per year per manufacturer as directed. Sample at sprayer nozzle.	Approval Number Certification-Type C	SM9004 SM9003
14	01 of 02	702.23	CONCRETE WATER PROOFING MATERIALS	JOBSITE	Treated cotton fabric, woven glass fabric and glass fiber material.	Certification-Type C	SM9003

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
14	02 of 02	702.23	CONCRETE WATER PROOFING MATERIALS	JOBSITE	Asphalt for waterproofing.	Certification-Type A	SM9003
15	01 of 21	501.05	CONCRETE	JOBSITE	PAVEMENT-QC/QA (Acceptance). Approved CMD Required.	Unit weight 1/2400 syd Air Content 1/2400 syd W/C Ratio 1/14,400 syd	T121QC T152QC IT403Q
15	02 of 21	501.05	CONCRETE	JOBSITE	PAVEMENT-QC/QA (Acceptance). Approved CMD Required.	Thickness: two cores per 2400 syd	IT404Q
15	03 of 21	501.05	CONCRETE	JOBSITE	PAVEMENT-QC/QA (Acceptance). Approved CMD Required.	Flexural: two beams per 2400 syd	T97Q
15	04 of 21	501.23	CONCRETE	JOBSITE	PAVEMENT-QC/QA (Opening to Traffic). Test beams for flexural strength shall be obtained at the end of each day's production.	Age requirement or Strength by maturity method or Flexural Strength	No Sample ID required. No Sample ID required. No Sample ID required.
15	05 of 21	502.04	CONCRETE	JOBSITE	PAVEMENT-NON QC/QA (Acceptance). Approved CMD Required.(Includes Driveways).	Yield 1/2400 syd Air Content 1/1200 syd Slump 1/1200 syd	T121 T152 T119
15	06 of 21	502.21	CONCRETE	JOBSITE	PAVEMENT-NON QC/QA (Acceptance). Approved CMD Required.	Thickness: one core per 1200 syd, except patches, moment slabs and driveways. For <1200 syd, no sampling required.	IT404 No Sample ID required.
15	07 of 21	502.18	CONCRETE	JOBSITE	PAVEMENT-NON QC/QA (Opening to Traffic). Test beams shall be obtained at the end of each day's production.	Age requirement or Flexural Strength	No Sample ID required. No Sample ID required.
15	08 of 21	730.05 (RSP 730-B-157)	CONCRETE	JOBSITE	SUPERSTRUCTURE-QC/QA (Acceptance).	Unit weight 1/50 cyd Air Content 1/50 cyd	T121QC
15	09 of 21	730.05 (RSP 730-B-157)	CONCRETE	JOBSITE	SUPERSTRUCTURE-QC/QA (Acceptance).	Compressive: two cylinders (minimum) per 50 cyd.	T22
15	10 of 21	702	CONCRETE	JOBSITE	SUPERSTRUCTURE-NON QC/QA (Acceptance).	Yield 1/100 cyd Air Content 1/50 cyd Slump 1/100 cyd W/C Ratio 1/400 cyd	T121 T152 T119 IT403

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
15	11 of 21	609	CONCRETE	JOBSITE	BRIDGE APPROACHES (Acceptance).	Yield 1/100 cyd Air Content 1/50 cyd Slump 1/100 cyd	T121 T152 T119
15	12 of 21	609.12	CONCRETE	JOBSITE	BRIDGE APPROACHES (Opening to Traffic). Test beams shall be obtained at the end of each day's production.	Age requirement or Flexural Strength	No Sample ID required. No Sample ID required.
15	13 of 21	702	CONCRETE	JOBSITE	STRUCTURES (Acceptance). Bridge substructures, wingwalls, drainage boxes, and railing.	Yield 1/50 cyd Air Content 1/50 cyd Slump 1/100 cyd Visual (For PLN quantity ≤ 20 cyd)	T121 T152 T119 No Sample ID required.
15	14 of 21	702.13g	CONCRETE	JOBSITE	STRUCTURES (Form removal). Test beams shall be obtained at the end of each day's production.	Age requirement or Flexural Strength	No Sample ID required. T97 T22
15	15 of 21	702.24	CONCRETE	JOBSITE	STRUCTURES (Load Application). Test beams (and/or cylinders if required by contract) shall be obtained at the end of each day's production.	Age requirement or Flexural Strength and/or Compressive Cylinders	No Sample ID required. T97 T22
15	16 of 21	702.24	CONCRETE	JOBSITE	STRUCTURES (Opening to Traffic or Form Removal or Load Application)	Flexural Strength Compressive Cylinders	No Sample ID required. T22
15	17 of 21	502 702	CONCRETE	JOBSITE	MISCELLANEOUS (Acceptance). Curb, Curb Ramps, Sidewalk, Traffic Items, Slopewalls, Anchors, Monuments, Pole Foundations, etc.	Yield 1/100 cyd Air Content 1/50 cyd Slump 1/100 cyd Visual (For PLN quantity ≤ 40 cyd)	T121 T152 T119 No Sample ID required.
15	18 of 21	602 RSP 620-R-483	CONCRETE	JOBSITE	MISCELLANEOUS (Acceptance). Concrete Barrier Walls and Sound Wall Foundations.	Yield 1/200 cyd Air Content 1/200 cyd Visual (For PLN quantity ≤ 40 cyd)	T121 T152 No Sample ID required.

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
15	19 of 21	722	CONCRETE	JOBSITE	LATEX-MODIFIED (Acceptance). One series of tests on first load of each truck and every third load per truck thereafter.	Yield 1/30 cyd Air Content 1/30 cyd Slump 1/30 cyd	SM7009 T152 T119LM
15	20 of 21	722.11	CONCRETE	JOBSITE	LATEX-MODIFIED (Opening to Traffic when Contractor elects to decrease the dry cure timeline per 722.11.) Test cylinders shall be obtained at the end of each day's production. (Wet cure time shall not be reduced.)	Compressive Cylinders (optional) 2 (min.)/day	T22
15	21 of 21	506	CONCRETE	JOBSITE	FULL-DEPTH and PARTIAL DEPTH PATCHING-PCCP.	Air Content 1/50 cyd Flexural Beams (Opening to traffic) Flexural Beams (3 Days) 1/150 cyd	T152 No Sample ID Required T97EP (T97 MP)
16	01 of 11	910.01b	REINFORCING STEEL	CERTIFIED MANUFACTURER	REINFORCING BAR-UNCOATED. Straight or Spiral. One 5 ft random verification sample required per year per manufacturer as directed.	Approval Number-J Number	SM9004
16	02 of 11	910.01b9	REINFORCING STEEL	CERTIFIED COATER	REINFORCING BAR-COATED. Straight, Bent, or Spiral. One 5 ft random verification sample required per year per manufacturer as directed.	Approval Number-W Number	SM9004
16	03 of 11	910.01b10	REINFORCING STEEL	CERTIFIED COATER	DOWEL. One random verification sample required per year per manufacturer as directed.	Approval Number-W Number	SM9004
16	04 of 11	503.04	REINFORCING STEEL	JOBSITE	DOWEL BAR ASSEMBLIES. Support baskets for D-1 contraction joints.	Visually inspect for compliance.	No Sample ID required.
16	05 of 11	910.01b5 or 910.01b6	REINFORCING STEEL	JOBSITE OR FABRICATOR	WELDED WIRE. Smooth or Deformed.	Approval Number	SM9004

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
16	06 of 11	910.01b5 or 910.01b6	REINFORCING STEEL	JOBSITE OR FABRICATOR	WELDED WIRE. For Bridge Deck Reinforcement. Smooth or Deformed. (Must be from an approved source.)	One 3 ft x 3 ft sample per wire size for each 20 T from each source.	SM9039, SM9040, SM9041 or SM9042 Sample ID Number (Templates by OMM)
16	07 of 11	910.01b2	REINFORCING STEEL	JOBSITE	THREADED TIE BAR ASSEMBLY. For each bar size.	For ≤ 10 units of each bar size, visual inspection	No Sample ID required.
16	08 of 11	910.01b2	REINFORCING STEEL	JOBSITE	THREADED TIE BAR ASSEMBLY. For each bar size.	For > 10 units, two complete assemblies when less than 8 ft, one complete assembly otherwise, for each 4000 assemblies.	SM9009 Epoxy Assemblies or SM9009 Plain Assemblies
16	09 of 11	910.01b3	REINFORCING STEEL	JOBSITE	SPLICING SYSTEM for reinforcing bar.Two 3 ft bars and coupler random verification sample required per year per manufacturer as directed.	Approval Number	SM9004
16	10 of 11	910.01a	REINFORCING STEEL	JOBSITE	BENT TIE BAR. One random verification sample required per year per manufacturer as directed. Two complete bar samples when less than 8 ft, otherwise one complete bar sample.	Approval Number Sample ID Number	SM9004
16	11 of 11	901.05	REINFORCING STEEL	JOBSITE	CHEMICAL ANCHOR SYSTEM. One 1 qt random verification sample required per year per manufacturer as directed.	Approval Number	SM9004
17	01 of 08	906.02a	CRACK, JOINT and LOOP SEALANT	JOBSITE, SOURCE, or DISTRIBUTOR	SINGLE COMPONENT LOW MODULUS.	Approval Number	SM9004
17	02 of 08	906.02a2	CRACK, JOINT and LOOP SEALANT	JOBSITE, SOURCE, or DISTRIBUTOR	HOT POURED JOINT SEALANT.	Approval Number- Pretested M Number FOR JOBSITE SAMPLES: Two 1 qt or 12 lb samples from each shipment of 1000 gal.	SM9004

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
17	03 of 08	408 902.01(a) 902.01(b)	CRACK, JOINT and LOOP SEALANT	JOBSITE	PAVING GRADES AND NON PAVING GRADES. Material in storage for more than 60 days without testing must be sampled, tested and approved prior to use.	Paving Grades-ASC Approval Number Non Paving Grades-Certification Type A	SM9004 SM9003
17	04 of 08	906.02a3	CRACK and JOINT FILLER	JOBSITE, SOURCE, or DISTRIBUTOR	PREFORMED ELASTOMERIC JOINT SEAL.	Certification for joint material-Type A	SM9003
17	05 of 08	906.02a3 and 906.02b	CRACK and JOINT FILLER	JOBSITE, SOURCE, or DISTRIBUTOR	POLYCHLOROPRENE JOINT MEMBRANE, ADHESIVE AND BACKER ROD	Certification for Membrane-Type B Certification for Adhesive and Backer Rod-Type C	SM9003 SM9003
17	06 of 08	906.01	CRACK and JOINT FILLER	JOBSITE, SOURCE, or DISTRIBUTOR	PREFORMED JOINT FILLER FOR CONCRETE.	For ≤ 100 sys or if joint depth < 6in, visual Inspection	No Sample ID required.
17	07 of 08	906.01	CRACK and JOINT FILLER	JOBSITE, SOURCE, or DISTRIBUTOR	PREFORMED JOINT FILLER FOR CONCRETE.	Certification - Type B For > 100 sys, one 5 ft sample of each thickness for each 1000 sys per shipment.	SM9003
17	08 of 08	906.02a1 906.02b	CRACK and JOINT FILLER	JOBSITE, SOURCE, or DISTRIBUTOR	SILICONE JOINT SEALANTS FOR I-A JOINTS. Transverse joints for RCBAs.	Approval Number Certification for Backer Rod - Type C	SM9004 SM9003
18	01 of 03	909.09	EPOXY PENETRATING SEALERS	JOBSITE, SOURCE, or DISTRIBUTOR	One unopened 5 gal container for each component from each lot, batch or other unit of production per shipment.	Approval Number- Pretested M Number,	SM9004
18	02 of 03	709.05b	SILICA SAND BAGGED	JOBSITE		Visually inspect bag label or MSDS.	No Sample ID required.
18	03 of 03	709.05b	SILICA SAND BULK	JOBSITE		Certification-Type C	SM9003
19	01 of 01	909.10	PROPRIETARY PCC SEALER	JOBSITE	One 1 qt random verification sample required per year per manufacturer as directed.	Approval Number	SM9004
20	01 of 01	909.11	EPOXY (RESIN BASE SYSTEM)	JOBSITE	For bonding plastic concrete to hardened concrete. Inspect for dimensions and/or workmanship.	Certification-Type C	SM9003

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
21	01 of 01	506.02	BONDING AGENT	JOBSITE	For grout finish.	Approval Number	SM9004
22	01 of 05	211.02	B BORROW / STRUCTURE BACKFILL, GRADATION	CAPP SOURCE	ALL USES.	Approval Number-Approved CAPP Source	IT211
22	02 of 05	211.02	B BORROW / STRUCTURE BACKFILL, GRADATION	PIT, OTHER (NON-CAPP SOURCE)	1 cyd=3000 lb for material placed above water.	Name of Certified Technician or Qualified Geotechnical Technician Contractor's Test Results. One test per 2000 T based on production samples into a stockpile or by over the scales measurement. Minimum two tests per contract.	IT211-Certified Technician/Qualified Geotechnical Technician
22	03 of 05	211.02	B BORROW, DENSITY OR STIFFNESS	JOBSITE	1 cyd=3000 lb for material placed above water.	For less than or equal to 700 cy, one in-place density or stiffness test for each two-lane pavement, for each lift. For greater than 700 cy, one in-place density or stiffness test for each 700 cy for each lift.	T310 or T191 with moisture or ITM 508 or ITM 509 with moisture
22	04 of 05	211.02	STRUCTURE BACKFILL, DENSITY OR STIFFNESS	JOBSITE	1 cyd=3000 lb for material placed above water.	One in-place density or stiffness test per 500 cyd.	T310 or T191 with moisture or ITM 508 or ITM 509 with moisture
22	05 of 05	731.11 RSP 732-R-310	STRUCTURE BACKFILL	JOBSITE	FOR RETAINING WALL SYSTEMS (MSE and MODULAR BLOCK)	Certification-Type A (per Special Provision)	SM9003
23	01 of 03	303.06	COMP. AGG., GRADATION	SOURCE	ALL USES.	Approval Number-Approved CAPP Source	IT211
23	02 of 03	303.06	COMP. AGG., DENSITY	JOBSITE	ALL USES.	For < 20 T or if depth of material < 3 in. no testing required. Otherwise, 1/800 T	No Sample ID required. IT508, T310 or T191 with moisture
23	03 of 03	303.06	COMP. AGG., PI, LL and DENSITY	SOURCE	ALL USES. District Testing will sample and test annually. If material is plastic, LL and PI will be tested monthly when used.	District Testing Test Results.	T90
24	01 of 02	302.06	SUBBASE, GRADATION	SOURCE	ALL USES.	Approval Number-Approved CAPP Source	IT211
24	02 of 02	302.06	SUBBASE, DENSITY OR STIFFNESS	JOBSITE	ALL USES.	For < 20 T or if depth of material < 3 in. no testing required. Otherwise, 1/800 T	No Sample ID required. IT 508, T310 or T191 with moisture

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
25	01 of 01	203.23 RSP 203-R-562	EMBANKMENT, DENSITY OR STRENGTH	JOBSITE	If fill is being placed in multiple locations, additional tests will be required.	Three DCP or Density tests per 2,000 cyd for each lift. One Moisture Test each 4 hours for Clay; and daily for Silty, Sandy or Granular Soils.	T191 with moisture or IT509
26	01 of 03	207.03 215 RSP 207-R-577	SUBGRADE TREATMENT, DENSITY AND STRENGTH	JOBSITE	FOR PAVEMENT (Mainline and Shoulders). Soils.	Three DCP tests per 1,500 cyd per lift for each 2 lane pavement. OR Three LWD Tests per 1,500 cyd per lift for each 2 lane pavement.	T191 with moisture IT508 IT509
26	02 of 03		SUBGRADE TREATMENT, STRENGTH	JOBSITE	FOR PAVEMENT (Mainline and Shoulders). Chemical Modification.	One Moisture Test each 4 hours for Clay or during chemical modification/soil mixing. One Moisture Test Daily for Silty, Sandy or Granular Soil.	IT506
26	03 of 03		SUBGRADE TREATMENT, DENSITY	JOBSITE	FOR PAVEMENT (Mainline and Shoulders).	One Gradation Test per 3,000 cyd per lift.	T27
27	01 of 04	910.18b or 910.18c	FENCE MATERIALS	INSTALLER or JOBSITE	FABRIC-CHAIN LINK.	For ≤ 100 ft, no sampling required.	No Sample ID required.
27	02 of 04	910.18b or 910.18c	FENCE MATERIALS	INSTALLER or JOBSITE	FABRIC-CHAIN LINK.	For > 100 ft, one 3 ft full height sample for each 2400 ft.	SM6008-Seal Numbers
27	03 of 04	910.18a	FENCE MATERIALS	INSTALLER or JOBSITE	FARM FIELD.	For ≤ 330 ft, no sampling required.	No Sample ID required.
27	04 of 04	910.18a	FENCE MATERIALS	INSTALLER or JOBSITE	FARM FIELD.	For > 330 ft, one 3 ft full height sample for each 16,500 ft.	SM6008-Seal Numbers
28	01of 02	910.18b1 or 910.18c (Table 1)	FENCE MATERIALS	INSTALLER or JOBSITE	TENSION WIRE.	For ≤ 1000 ft, no sampling required.	No Sample ID required.
28	02 of 02	910.18b1 or 910.18c (Table 1)	FENCE MATERIALS	INSTALLER or JOBSITE	TENSION WIRE.	For > 1000 ft, one 6 ft sample for each 18,000 ft.	SM6008-Seal Numbers
29	01 of 02	910.1b4 or 910.18c (Table 1)	FENCE MATERIALS	INSTALLER or JOBSITE	BARBED WIRE.	For ≤ 1320 ft, no sampling required.	No Sample ID required.
29	02 of 02	910.1b4 or 910.18c (Table 1)	FENCE MATERIALS	INSTALLER or JOBSITE	BARBED WIRE.	For > 1320 ft, one 25 ft sample for each 33,000 ft.	SM6008-Seal Numbers
30	01 of 03	910.13 or 910.18b3 or 910.18c (Table 1)	FENCE MATERIALS	INSTALLER or JOBSITE	POSTS AND BRACES.	For ≤ 25 each of any size or type, no sampling	No Sample ID required.
30	02 of 03	910.13 or 910.18b3 or 910.18c (Table 1)	FENCE MATERIALS	INSTALLER or JOBSITE	POSTS AND BRACES.	For > 25 each of any size or type, one sample (unit) per 1000.	SM6008-Seal Numbers

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
30	03 of 03		FENCE MATERIALS	INSTALLER or JOBSITE	POSTS AND BRACES. Pedestrian Protection Fencing. Fabricated Support Posts Only.	Certification-Type C	SM9003
31	01 of 01	910.18d	FENCE MATERIALS	JOBSITE	GATES-STEEL OR ALUMINUM. Inspect for dimensions and workmanship.	Visual Inspection	No Sample ID required.
32	01 of 01	910.09	STEEL BEAM GUARDRAIL & ACCESSORIES	JOBSITE	STEEL BEAM G.R. and ACCESSORIES.	Approval Number	SM9004
33	01 of 02	911.02d 911.02f	WOOD GUARDRAIL POSTS, BRACES, & BATTENS	JOBSITE or SUPPLIER	SAWED TIMBER POSTS AND BLOCKS FOR THRIE-BEAM and W-BEAM GUARD RAIL. Inspect for dimensions and wood defects.	Approval Number	SM9004
33	02 of 02	926.03	GUARDRAIL BLOCKS, OTHER THAN WOOD	JOBSITE	OTHER THAN WOOD GUARD RAIL BLOCKOUTS	Approval Number Certification-Other	SM9004 SM9003
34	01 of 02	910.20	BRIDGE RAILING COMPONENTS	JOBSITE	ANCHOR BOLTS.	Certification-Type A	SM9003
34	02 of 02	910.20	BRIDGE RAILING COMPONENTS	JOBSITE	ALL OTHER COMPONENTS.	Certification-Type C	SM9003
35	01 of 01	601.06 601.07	GUARDRAIL END TREATMENT	JOBSITE	GUARD RAIL TRANSITIONS AND END TREATMENTS FOR W-BEAM AND THRIE-BEAM RAIL SECTIONS.	Approval Number Certification- Other (Installer's Certificate issued by manufacturer)	SM9004 SM9003
36	01 of 02	801.10.1	IMPACT ATTENUATORS	JOBSITE	TEMPORARY UNIT (CZ)	Cerrtification-Other (Installer's Certificate issued by manufacturer)	SM9003
36	02 of 02	601.08	IMPACT ATTENUATORS	JOBSITE	PERMANENT	Approval Number Other - INDOT List of Certified Installers	SM9004 Identify Certified Installer in Remarks
37	01 of 02	914.01	TOPSOIL	SOURCE	Visually inspect for material detrimental to proper development of ground vegetation.	One 1 lb sample for pH testing. Visual Inspection	SM6009

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
37	02 of 02	914.01 RSP 629-R-630	PLANT GROWTH LAYER	JOBSITE	Visually inspect for material detrimental to proper development of ground vegetation.	Certification-Type A. One 5 U.S. cup sample (1 lb minimum) for each 10,000 square yards installed.	SM9003
38	01 of 01	914.01	AG LIMESTONE	SOURCE	MISC. USE.	Visual Inspection	No Sample ID required.
39	01 of 02	914.03 RESP 629-R-630	FERTILIZER	JOBSITE	ALL USES. BAGGED, BULK, OR LIQUID. Analysis from bag or weigh ticket.	Visual Inspection	No Sample ID required.
39	02 of 02	914.03	COMPOST	SUPPLIER	ALL USES.	Certification-Type C	SM9003
40	01 of 03	914.04 621	SEED	SUPPLIER	All seed must be inspected and State stamped. Seed cannot be used after the expiration date.	Sample ID Number (from Bag Label).	SM6002
40	02 of 03	914.04 621	SEED. (Temporary Only)	JOBSITE or SUPPLIER	Visual Inpection to ensure that the seed's package is clearly marked and labeled by the manufacturer as to its content and weight.	Visual Inspection.	No Sample ID required.
40	03 of 03	Special Provision	NATIVE GRASSES AND FORB SEEDING (Wildflower and Prairie Grasses)	JOBSITE	Seed may only be used within 9 months of certification date.	Certification-Other (Letter from State Seed Commissioner)	SM9003
41	01 of 03	914.05	MULCH	JOBSITE	For all types of mulch (when paid by weight), visually inspect each shipment.	For < 40 T, Visual Inspection.	No Sample ID required.
41	02 of 03	914.05	MULCH	JOBSITE	For all types of mulch (when paid by weight), inspect each shipment.	For ≥ 40 T, one moisture test. Additional tests when inspection indicates a significant amount of moisture in the mulch.	SM6004
41	03 of 03	914.05	MULCH	JOBSITE	EROSION CONTROL BLANKETS	Certification-Type C	SM9003
42	01 of 02	914.07	SOD	JOBSITE	NURSERY.	Certification-Type C	SM9003
42	02 of 02	914.07	SOD	JOBSITE	OTHER.	Visual Inspection	No Sample ID required.

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
43	01 of 02	914.08	PLANTS	JOBSITE or NURSERY	BARE ROOT PLANTS AND SEEDLINGS. Approved List(s). Sources of plants must be from DNR inspection catalog or approved by INDOT Landscape Architect. Certificate of compliance for plants required.	Approval Number (Inspect plants for quality)	SM9004
43	02 of 02	914.08	PLANTS	JOBSITE	BAGGED PLANTS.	Certification-Type C	SM9003
44	01 of 01	914.09	MISCELLANEOUS ROADSIDE DEVELOPMENT MATERIALS	JOBSITE or SOURCE	WATER, STAKES FOR BRACING OR ANCHORING, TREE WOUND DRESSING, POROUS MATERIAL, PIPE, STAPLES AND PLASTIC NET.	Certification-Type C	SM9003
45	01 of 01	RSP 624-M-024	HERBICIDES	CONTRACTOR CENTRAL STORAGE AREA	Visually inspect for verification of manufacturer and active ingredients.	Certification-Type B	SM9003
46	01 of 05	911.01	LUMBER, UNTREATED	JOBSITE or SUPPLIER	Visually inspect for dimension and wood defects.	Visual Inspection-State Stamp or Grade Mark (One End Only)	No Sample ID required.
46	02 of 05	911.01	LUMBER, UNTREATED (TEMP)	JOBSITE	N/A	Visual Inspection of each item	No Sample ID required.
46	03 of 05	911.02	LUMBER, TREATED	TREATMENT PLANT	Inspect each item after treatment, and perform assay test.	One sample (20 bored cores) per source, per charge.	Sample ID Number (Templates by OMM)
46	04 of 05	911.02	LUMBER, TREATED	JOBSITE or CONTRACTOR YARD	Inspect for dimensions and wood defects.	One sample (20 bored cores) per source, per charge.	Sample ID Number (Templates by OMM)
46	05 of 05	911.02g	LUMBER TREATED; for Recreation Uses	JOBSITE or CONTRACTOR YARD	Picnic tables, benches, handrails, etc. and other uses where human contact will occur.	Certification-Type C	SM9003
47	01 of 03	911.05a5	WOODEN POLES, POSTS, TIMBER, ETC.	JOBSITE or SUPPLIER	UNTREATED. Visually inspect each item for dimension and wood defects.	Visual Inspection	No Sample ID required.
47	02 of 03	911.02	WOODEN POLES, POSTS, TIMBER, ETC.	TREATMENT PLANT	TREATED. Inspect after treatment, and perform assay test.	One sample (20 bored cores) per source, per charge.	Sample ID Number (Templates by OMM)

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
47	03 of 03	911.02	WOODEN POLES, POSTS, TIMBER, ETC.	JOBSITE or CONTRACTOR YARD	TREATED. Inspect after treatment, and perform assay test.	One sample (20 bored cores) per source, per charge.	Sample ID Number (Templates by OMM)
48	01 of 03	404 608 616 904.02g 718	AGGREGATE	CAPP SOURCE	SHOULDER DRAINS, UNDERDRAINS, SEAL COATS, RIPRAP, SNOW and ICE ABRASIVE, AND MISCELLANEOUS USE.	Approval Number-CAPP D Number	IT211
48	02 of 03	904	AGGREGATE for PRECAST CONCRETE	SOURCE	Quality Test Required.	N/A	No Sample ID required.
48	03 of 03	904.02g	AGGREGATE SNOW and ICE	NON-CAPP SOURCE	One Gradation by INDOT per 1000 T.	Sample ID Number	T27FA
49	01 of 01	910.16	COPPER FLASHING	JOBSITE	Inspect for dimensions and/or workmanship.	Certification-Type C	SM9003
50	01 of 01	910.17	BRONZE OR COPPER ALLOY PLATES	POINT OF DELIVERY	Inspect for dimensions and/or workmanship.	Certification-Type C	SM9003
51	01 of 01	913.01	WATER	SOURCE	Based on intended use. When source is of questionable quality for intended use, consult the DTE.	Visual Inspection.	No Sample ID required.
52	01 of 03	913.02 913.03 ITM 810	CALCIUM AND SODIUM CHLORIDE	POINT OF DELIVERY	ICE AND SNOW REMOVAL.	One 1 gal sample for each 2000 T per source for gradation and moisture. One quart sample for purity per purchase order.	M143 and T255
52	02 of 03	913.02 913.03	CALCIUM AND SODIUM CHLORIDE	POINT OF USAGE	ALL OTHER USES.	For ≤ 5 T, no sampling required.	No Sample ID required.
52	03 of 03	913.02 913.03	CALCIUM AND SODIUM CHLORIDE	POINT OF USAGE	ALL OTHER USES.	For > 5 T, one 1 gal sample for each 200 T per source.	M143, M144 and T255
53	01 of 02	913.04(a)	HYDRATED LIME	JOBSITE	MASONRY One 50 lb random verification sample required per year per manufacturer as directed.	Certification-Type C	SM9003

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
53	02 of 02	913.04(b)	HYDRATED LIME AND KILN DUST	JOBSITE	FOR CHEMICAL MODIFICATION. One 1 lb random verification sample required per year per manufacturer as directed.	Approval Number	SM9004
54	01 of 01	611	MAIL BOX ASSEMBLY	JOBSITE	Visually inspect for dimensions and workmanship.	Visual Inspection	No Sample ID required.
55	01 of 04	918.02	GEOTEXTILE FOR RIPRAP	JOBSITE or SOURCE	Filter cloth. One 1.5 syd random verification sample required per year per manufacturer as directed.	Approval Number	SM9004
55	02 of 04	918.03	GEOTEXTILE FOR UNDERDRAINS	JOBSITE or SOURCE	1.5 syd random verification sample required per year per manufacturer as directed.	Approval Number	SM9004
55	03 of 04	918.05	GEOGRID	JOBSITE or SOURCE		Approval Number	SM9004
55	04 of 04	918.04	SILT FENCE	JOBSITE or SOURCE	Inspect for dimensions and/or workmanship.	Certification-Type C	SM9003
56	01 of 01	909	STRUCTURAL STEEL COATINGS.	JOBSITE or SUPPLIER	ALL PAINT OTHER THAN PAVEMENT MARKINGS. All components must be from approved lists and reported for multi-component systems. M number applicable to combination of batches tested when multi-component.	Approval Number (Systems) Approval Number (Components-within systems or when used individually)-M Number for each component of a multi-component system	SM9004 SM6006
57	01 of 01	715	CONCRETE PIPE	JOBSITE	Certified Precast Concrete Producers. Marked with ACPA, NPCA or PCI B1 Product Marking, Source No., Date of Manufacture and any Std. Spec. Req.	Approval Number- Source Number	SM9004

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
58	01 of 01	715.02(k)	PRECAST CONCRETE UNIT	SOURCE	END SECTIONS. Certified Precast Concrete Producers. Marked with ACPA, NPCA or PCI B1 Product Marking, Source No., Date of Manufacture and any Std. Spec. Req.	Approval Number- Source Number	SM9004
59	01 of 01	907.04 907.05	PRECAST CONCRETE UNIT.	JOBSITE	MANHOLES, INLETS, CATCH BASINS, AND GRADE RINGS. REINFORCED CONCRETE STRUCTURE SECTIONS. Certified Precast Concrete Producers. Marked with ACPA, NPCA or PCI B1 Product Marking, Source No., Date of Manufacture and any Std. Spec. Req.	Approval Number- Source Number Approval Number (Manhole Steps, if necessary)	SM9004 SM9004
60	01 of 04	731 901.10(b)	PRECAST CONCRETE UNIT	JOBSITE	MECHANICALLY STABILIZED EARTH RETAINING WALLS. Certified Precast Concrete Producers. Marked with ACPA, NPCA or PCI B1 Product Marking, Source No., Date of Manufacture and any Std. Spec. Req.	Approval Number- Source Number Approval Number-Retaining Wall Systems For ≤ 750 panels, one sample for compressive strength verification (two cores) For > 750 panels, two cores per 750 panels Joint Spacer - Other Type Certification	SM9004 SM9004 T24 T24 SM9003
60	02 of 04	RSP 732-R-310	MODULAR CONCRETE BLOCKS	SOURCE	N/A	For ≤ 200 blocks, visually inspect for dimensions and workmanship. Certification-Type A (Freeze/Thaw ASTM C1372 within 12 months of delivery)	No Sample ID required. SM9003
60	03 of 04	RSP 732-R-310	MODULAR CONCRETE BLOCKS	SOURCE	A lot is not more than 10,000 blocks and per the RSP. Verify Delivery Ticket with SiteManager remarks.	For > 200 blocks, six blocks for Compressive strength and Absorption per lot. Certification-Type A (Freeze/Thaw ASTM C1372 within 12 months of delivery)	Sample ID (Templates by OMM) SM9003

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
60	04 of 04	RSP 732-R-310	MODULAR CONCRETE BLOCKS	SOURCE	Cap blocks.	Visually inspect for dimensions and workmanship Certification-Type A (Freeze/Thaw ASTM C1372 within 12 months of delivery)	No Sample ID required. SM9003
61	01 of 01	907.10	CONCRETE DRAIN TILE	SOURCE	Certified Precast Concrete Producers.	Approval Number- Source Number	SM9004
62	01 of 01	907 908	UTILITY PIPE	JOBSITE	Sanitary Sewer Pipe or Water Main Pipe. Inspect for dimensions and workmanship.	Certification-Type A (include Lot # and Date of Manufacture).	SM9003
63	01 of 07	907.17 901.18	PLASTIC PIPE	JOBSITE	PLASTIC CORRUGATED DRAINAGE TUBING AND PERFORATED PLASTIC SEMI-CIRCULAR PIPE. Inspect for dimensions and workmanship.	Approval Number	SM9004
63	02 of 07	907.19 through 907.24 715.09	PLASTIC PIPE	JOBSITE	PLASTIC PIPE FOR USE IN CULVERTS, STORM SEWERS. Inspect for dimensions and workmanship.	Approval Number Mandrel Testing	SM9004 SM9043
63	03 of 07	907.24b	PLASTIC PIPE	JOBSITE	SCHEDULE 40 PVC PIPE. For bridge drains, underdrain outlets, and miscellaneous applications. Inspect for dimensions and workmanship. ASTM stamp required on pipe.	Certification-Type C	SM9003
63	04 of 07	907.23	PLASTIC PIPE	JOBSITE	SMOOTH WALL PVC. Storm drainage pipe when in close proximity to water distribution lines as regulated by IDEM	Certification-Type A (include Lot # and Date of Manufacture).	SM9003
63	05 of 07	907.25	PIPE LINERS	JOBSITE	Pipe liners to be inspected.	Approval Number or Certification - Type A	SM9004 or SM9003
63	06 of 07	907.26	SOLVENT CEMENTS	JOBSITE		Certification-Type C	SM9003
63	07 of 07	907.27	ELASTOMERIC SEALS	JOBSITE		Certification-Type B	SM9003

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
64	01 of 01	715.10	GRATED BOX END SECTIONS	SOURCE	Certified Precast Concrete Producers. Marked with ACPA, NPCA or PCI B1 Product Marking, Source No., Date of Manufacture and any Std. Spec. Req.	Approval Number- Source Number	SM9004
65	01 of 01	907.13	RUBBER TYPE GASKETS (RING)	JOBSITE	Inspect for dimension and/or workmanship.	Certification-Type B	SM9003
66	01 of 01	907.11	MASTIC PIPE JOINT SEALERS	JOBSITE	Inspect for dimension and/or workmanship.	Certification-Type B	SM9003
67	01 of 01	907.07	JOINT MEMBRANE SYSTEM FOR PRECAST CONCRETE BOX CULVERTS	JOBSITE	Inspect for dimension and/or workmanship.	Certification-Type B	SM9003
68	01 of 01	907.04	MANHOLE STEPS	SOURCE	FOR CONCRETE LIFT STATIONS.	Approval Number	SM9004
69	01 of 01		CAST IRON CULVERT PIPE	JOBSITE	Field check for dimensions and weight.	Visual Inspection	No Sample ID required.
70	01 of 01	908.02 908.04 908.08 908.14	PIPE	SOURCE	CORRUGATED METAL CULVERT PIPE, PIPE ARCHES, SLOTTED DRAIN AND UNDERDRAINS. One verification sample by Testing per mill per fabricator per calendar year per gauge.	External Document-Mill Report and Fabricator Certification	SM1002
70	02 of 02	908.02 908.04 908.08 908.14	PIPE	JOBSITE	CORRUGATED METAL CULVERT PIPE, PIPE ARCHES, SLOTTED DRAIN AND UNDERDRAINS.	Approval Number-Seal Numbers (PIPE)	SM9019
71	01 of 01	908.06	METAL END SECTIONS	SOURCE	One verification sample by Testing per mill per fabricator per calendar year per gauge.	External Document-Mill Report and Fabricator Certification	SM1002
72	01 of 01	908.07	ASPHALT MATERIAL FOR PIPE	SOURCE	ASPHALT MATERIAL FOR PIPE COATING. Verification sample from the tank used in production after replenishment and every 30 days thereafter.	Certification-Type A	SM9003

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
73	01 of 04	908.09	PIPE	ANY LOCATION PRIOR TO USE	STRUCTURAL PLATE PIPE, PIPE ARCHES, AND ARCHES. One verification sample by Testing per fabricator per calendar year per gauge.	External Document-Mill Report and Fabricator Certification	SM1002
73	02 of 04	908.10	PIPE	JOBSITE	CAST IRON SOIL PIPE. For bridge drains. Field check for dimensions and weight.	Visual Inspection	No Sample ID required.
73	03 of 04	907.28	REINFORCED THERMOSETTING RESIN PIPE	JOBSITE	FIBERGLASS PIPE FOR BRIDGE DRAINAGE SYSTEMS. Inspect for dimensions and workmanship.	Certification-Type A	SM9003
73	04 of 04	910.07 908.11	STEEL PIPE	JOBSITE	Inspect for dimensions and workmanship.	Certification-Type C	SM9003
74	01 of 03	905.02 or 905.03	BRICKS AND BLOCKS	JOBSITE or SOURCE	BRICK AND BLOCK.	For lots ≤ 200 units, visually inspect for dimensions and workmanship	No Sample ID required.
74	02 of 03	905.02 or 905.03	BRICKS AND BLOCKS	JOBSITE or SOURCE	BRICK AND BLOCK. Verify Delivery Ticket with SiteManager remarks.	Approval Number - Sample ID from OMM Testing For lots of 201 to 1500 units, one sample (6 units).	SM9004 - Sample ID
74	03 of 03	905.02 or 905.03	BRICKS AND BLOCKS	JOBSITE or SOURCE	BRICK AND BLOCK. Verify Delivery Ticket with SiteManager remarks.	Approval Number - Sample ID from OMM Testing For lots > 1500 units, 10 units for each lot of 100,000 except for lots of more than 500,000 units, five units shall be taken from every 100,000 units.	SM9004 - Sample ID
75	01 of 01	904.04e	PRECAST RIPRAP	SOURCE	Certified Precast Concrete Producers.	Approval Number- Source Number	SM9004
76	01 of 02	600 (numerous subsections apply)	PRECAST CONCRETE UNITS	SOURCE (AGG QUALITY TEST REQUIRED).	ALL PRECAST UNITS. Quality Test.	N/A	No Sample ID required.

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
76	02 of 02	600 (numerous subsections apply)	PRECAST CONCRETE UNITS	SOURCE	PRECAST PARKING BARRIERS, PRECAST CONCRETE CURBING, RIGHT-OF-WAY MARKERS, BENCH-MARK POSTS, CABLE MARKERS, AND MONUMENTS. Certified Precast Concrete Producers.	Approval Number- Source Number	SM9004
77	01 of 02	905.06	PRECAST CONCRETE UNITS	SOURCE	OTHER CONCRETE ITEMS.	N/A	No Sample ID required.
77	02 of 02	905.06	PRECAST CONCRETE UNITS	SOURCE	Certified Precast Concrete Producers.	Approval Number- Source Number	SM9004
78	01 of 02	602.03a	PRECAST MEDIAN BARRIERS	SOURCE	PERMANENT. Certified Precast Concrete Producers.	Approval Number- Source Number	SM9004
78	02 of 02	602.03a	PRECAST MEDIAN BARRIERS	SOURCE	PERMANENT. Strength (2 cylinders) per 100 units and Absorption (2 cores for wet cast only) per 50 units.	Certification-Type A	SM9003
79	01 of 02	801.10	PRECAST MEDIAN BARRIERS (TEMPORARY)	ANY LOCATION PRIOR TO USE	Produced after March 1, 2003 and prior to January 1, 2007	Visual Inspection based on required markings and condition.	No Sample ID required.
79	02 of 02	801.10	PRECAST MEDIAN BARRIERS (TEMPORARY)	ANY LOCATION PRIOR TO USE	Produced January 1, 2007 or thereafter. Certified Precast Concrete Producers.	Approval Number- Source Number	SM9004
80	01 of 05	707.02	PRECAST/PRESTRESSED CONCRETE MEMBERS	PRODUCER	The manufacturer is required to conduct one Air test, one Slump test, and make six cylinders (minimum) for compressive strength per member.	Approval Number-Sample ID number by Structural Fabrication Supervisor	SM7005
80	02 of 05	707.02	PRECAST/PRESTRESSED CONCRETE MEMBERS	PRODUCER	AGGREGATE by Structural Fabrication Supervisor	Approval Number	SM9004
80	03 of 05	707.02	PRECAST/PRESTRESSED CONCRETE MEMBERS	PRODUCER	CEMENT by Structural Fabrication Supervisor	Approval Number	SM9004

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
80	04 of 05	707.02	PRECAST/PRESTRESSED CONCRETE MEMBERS	PRODUCER	REINFORCING STEEL by Structural Fabrication Supervisor: One random verification sample required per year per manufacturer as directed. One 5 ft sample for each 15 T of each size and deformation.	Approval Number	SM9004
80	05 of 05	707.02	PRECAST/PRESTRESSED CONCRETE MEMBERS	PRODUCER	STRAND (Prestressed beams only) by Structural Fabrication Supervisor.	Certification-Type A	SM9003
81	01 of 10	911.01a5	POLES AND POSTS	JOBSITE or SUPPLIER	UNTREATED WOOD. Visually inspect for dimension and wood defects. State Stamp or Grade Mark (One End Only.)	Visual Inspection	No Sample ID required.
81	02 of 10	911.02	POLES AND POSTS	TREATMENT PLANT	TREATED WOOD (TEMPORARY). Visually inspect each item after treatment.	Visual Inspection	No Sample ID required.
81	03 of 10	911.02	POLES AND POSTS	JOBSITE or CONTRACTOR YARD	TREATED WOOD. Inspect for dimensions and wood defects. One sample (20 bored cores) per charge.	Test Results	Template by OMM
81	04 of 10		POLES AND POSTS; for Recreational Uses	JOBSITE or CONTRACTOR YARD	TREATED WOOD. Handrails, benches, picnic tables, and other uses where human contact will occur. Inspect for dimensions and manufacturer markings.	Certification-Type C	SM9003
81	05 of 10	910.14a 910.14b 910.14e	POLES AND POSTS	JOBSITE or SUPPLIER	SIGN POSTS (STEEL). Inspect for dimensions and workmanship.	Certification-Type B	SM9003
81	06 of 10	910.14c 910.14d	POLES AND POSTS	JOBSITE or SUPPLIER	STRUCTURAL STEEL AND STRUCTURAL ALUMINUM. Inspect for dimensions and workmanship.	Certification-Type C	SM9003

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
81	07 of 10	910.15	POLES AND POSTS	JOBSITE or SUPPLIER	DELINEATOR POSTS (METAL).	For ≤ 200 units, no sampling required. Certification - Type B	No Sample ID required. SM9003
81	08 of 10	910.15	POLES AND POSTS	JOBSITE or SUPPLIER	DELINEATOR POSTS (METAL).	For > 200 units, one 6 ft for each 1,000 units per shipment. For P.O.'s, one sample for each 1,000 units. Certification - Type B	SM6008 SM9003
81	09 of 10	910.15	POLES AND POSTS	JOBSITE or SUPPLIER	DELINEATOR POSTS (METAL) (TEMPORARY).	Visual Inspection	No Sample ID required.
81	10 of 10	926	POLES AND POSTS	JOBSITE or SUPPLIER	DELINEATOR POSTS (PLASTIC).	Approval Number	SM9004
82	01 of 01	910.19	OVERHEAD SIGN STRUCTURES	JOBSITE	ALUMINUM OR STEEL. Inspect for dimensions and workmanship.	Certification-Type C	SM9003
83	01 of 01	920	HIGHWAY ILLUMINATION MATERIALS	JOBSITE	Inspect for dimensions and workmanship.	Certification-Type C	SM9003
84	01 of 03	919 (various subsections)	TRAFFIC SIGNS	JOBSITE	SHEET SIGNS, PANEL SIGNS, FLEXIBLE ROLL-UP PRISMATIC REFLECTIVE SIGNS, LETTERS, NUMERALS, SYMBOLS, AND ACCESSORIES. Inspect for dimensions and workmanship.	Certification-Type C	SM9003
84	02 of 03	919.01b1	TRAFFIC SIGNS	JOBSITE	REFLECTIVE SHEETING.	Approval Number	SM9004
84	03 of 03		TRAFFIC SIGNS (TEMPORARY)	JOBSITE	ALL TYPES EXCEPT NON-GROUND MOUNTED SIGNS.	Visual Inspection	No Sample ID required.
85	01 of 02	801.04	CONSTRUCTION SIGNS	JOBSITE	Inspect for dimensions and workmanship.	New Signs by Certification-Type C	SM9003
85	02 of 02	801.04	CONSTRUCTION SIGNS	JOBSITE	Visually inspect for dimensions and workmanship.	Used Signs by Visual Inspection	No Sample ID required.
86	01 of 01	923.03	CONSTRUCTION WARNING LIGHTS	JOBSITE	Check brightness.	Visual Inspection.	No Sample ID required.

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
87	01 of 01	922.02 922.03 922.04 922.12 922.13	TRAFFIC SIGNAL EQUIPMENT	JOBSITE and LAB	TRAFFIC SIGNAL CONTROLLER, INTERCONNECT EQUIPMENT, LED SIGNAL HEAD AND PEDESTRIAN SIGNAL COMPONENTS, EXTERNAL TIME CLOCKS, VEHICLE DETECTION SYSTEMS.	Approval Number (External Document shall be submitted with approval numbers listed for each component when applicable)	SM1002
88	01 of 01	922.02 922.06 922.21	TRAFFIC SIGNAL EQUIPMENT	JOBSITE	TRAFFIC SIGNAL CABINET AND COMPONENTS MATERIALS AND EQUIPMENT. Inspect for dimensions and workmanship.	Certification-Type C	SM9003
89	01 of 02	805.02 922.17(a)	TRAFFIC SIGNAL HANDHOLE AND COVER	SOURCE	CONCRETE. Certified Precast Concrete Producers.	Approval Number-Source Number	SM9004
89	02 of 02	805.02 922.17(b)	TRAFFIC SIGNAL HANDHOLE AND COVER	JOBSITE	POLYMER CONCRETE.	Certification-Type C	SM9003
90	01 of 01	922.08 (References 910.05b)	TRAFFIC SIGNAL EQUIPMENT	JOBSITE	TRAFFIC SIGNAL HANDHOLE RING AND COVER. Inspect for dimensions and workmanship.	Certification-Type C	SM9003
91	01 of 01	926.02a	ACRYLIC PLASTIC DELINEATORS	JOBSITE		Approval Number	SM9004
92	01 of 01	926.02b	REFLECTIVE SHEETING DELINEATOR	JOBSITE	Inspect for dimensions and workmanship.	Certification-Type C	SM9003
93	01 of 01	926.02c	BARRIER DELINEATOR	JOBSITE		Approval Number	SM9004
94	01 of 11	909.05	PAVEMENT MARKINGS (TEMPORARY)	JOBSITE	TRAFFIC PAINT: for temporary markings.	Visual Inspection	No Sample ID Required
94	02 of 11	808.02 909.05 ITM 931	PAVEMENT MARKINGS	JOBSITE or SUPPLIER	TRAFFIC PAINT: for permanent markings.	Certification - Other (Environmental Properties per 808.02) Longitudinal Lines ≥ 50,000 Linear Feet (total for all painted marking lines), Retro-reflectometer testing required.	SM9003 IT931

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
94	03 of 11	921.02a 921.02b ITM 931	PAVEMENT MARKINGS	JOBSITE	THERMOPLASTIC AND PREFORMED PLASTIC.	Certification - Type C Longitudinal Lines ≥ 10,000 Linear Feet (total for all durable marking lines), Retro-reflectometer testing required.	SM9003 IT931
94	04 of 11	921.02a 921.02b	PAVEMENT MARKINGS (TEMPORARY)	JOBSITE	THERMOPLASTIC AND PREFORMED PLASTIC.	Visual Inspection.	No Sample ID required.
94	05 of 11	921.02a 921.02b	PAVEMENT MARKINGS SPECIAL MARKINGS	JOBSITE	ALL PAVEMENT MARKING MATERIALS. Transverse markings, Stop Bars, Pavement Message Markings, Railroad Markings, Bicycle Markings etc.	Certification-Type C	SM9003
94	06 of 11	921.02c ITM 931	PAVEMENT MARKINGS	JOBSITE	MULTI COMPONENT. Epoxy.	Certification - Type C Longitudinal Lines ≥ 10,000 Linear Feet (total for all durable marking lines), Retro-reflectometer testing required.	SM9003 IT931
94	07 of 11	921.02c	PAVEMENT MARKINGS (TEMPORARY)	JOBSITE	MULTI COMPONENT. Epoxy.	Visual Inspection.	No Sample ID required.
94	08 of 11	923.01	PAVEMENT MARKINGS	JOBSITE and SOURCE	TEMPORARY PAVEMENT MARKING TAPE, TYPE I. (Removable)	Approval Number	SM9004
94	09 of 11		PAVEMENT MARKINGS (TEMPORARY)	POINT OF DELIVERY	BEADS.	Visual Inspection.	No Sample ID required.
94	10 of 11	921.02e	PAVEMENT MARKINGS	POINT OF DELIVERY	BEADS. Bagged.	Certification for Glass Beads-Type C Certification for Supplemental Elements-Type D	SM9003
94	11 of 11	921.02e	PAVEMENT MARKINGS	POINT OF DELIVERY	BEADS. Bulk. One quart from each of three randomly selected bulk containers when sampling is required by QPA.	Certification for Glass Beads-Type C Certification for Supplemental Elements-Type D	SM9003
95	01 of 01	921.02d	SNOW PLOWABLE RAISED PAVEMENT MARKERS	JOBSITE	Inspect for dimensions and workmanship.	Approval Number - Prismatic Reflectors and Cast Metal Base Certification for Epoxy Adhesive-Type B	SM9004 SM9003
96	01 of 01	923.02	TEMPORARY RAISED PAVEMENT MARKERS	JOBSITE	Visually inspect for dimensions and workmanship.	Visual Inspection	No Sample ID required.

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
97	01 of 02	923.04(b) 923.04(c) 923.08	FLASHING ARROW SIGN	JOBSITE	Visually inspect for dimensions and workmanship.	Visual Inspection	No Sample ID required.
97	02 of 02	923.04(a) 923.05	SOLAR POWERED TRAFFIC CONTROL DEVICES	JOBSITE	Flashing Arrow Sign, Portable Changeable Message Sign	Approval Number	SM9004
98	01 of 01	801.07	STANDARD BARRICADES	JOBSITE	Visually inspect for dimensions and workmanship.	Visual Inspection	No Sample ID required.
99	01 of 01	910.02	STEEL STRUCTURES	JOBSITE or SOURCE	STRUCTURAL STEEL. Inspect for dimensions and workmanship.	External Document-Mill Test Report	SM1002
100	01 of 03	910.02g	STEEL STRUCTURES	ANY LOCATION	HIGH STRENGTH BOLTS, NUTS, AND WASHERS. Two bolts, two washers and two nuts from each heat number for each size.	Test Results	Sample ID (Templates by OMM)
100	02 of 03	910.02g	STEEL STRUCTURES	ANY LOCATION	HIGH STRENGTH BOLTS, NUTS, AND WASHERS. For diaphragm connections on prestressed concrete beams.	External Documents-Rotational Capacity, Mill Report and Galvanization when applicable (Attach Documents)	SM1002
100	03 of 03	910.02g	STEEL STRUCTURES	ANY LOCATION	HIGH STRENGTH TORSION CONTROL BOLTS.	External Documents-Rotational Capacity, Mill Report, Torsion Test Results and Gavanization when applicable (Attach Documents)	SM1002
101	01 of 01	910.02h	STEEL STRUCTURES	JOBSITE	BOLTS OTHER THAN HIGH STRENGTH. Inspect for dimensions and workmanship.	Certification-Type C	SM9003
102	01 of 03	910.03	PERMANENT METAL FORMS	JOBSITE or FABRICATOR	PANEL: One series of field tests for each gauge and corrugation pattern/size per shipment.	Sample ID	A90 and SM9033
102	02 of 03	910.03	PERMANENT METAL FORMS	JOBSITE or FABRICATOR	ACCESSORIES: One series of field tests for each gauge and type per shipment.	Sample ID	A90 and SM9033

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
102	03 of 03	910.03	PERMANENT METAL FORMS	JOBSITE or FABRICATOR	CLIPS: One series of field tests for each shipment.	Sample ID	A90 and SM9033
103	01 of 01	910.04	STEEL FORGINGS AND SHAFTINGS	JOBSITE	Inspect for dimensions and workmanship.	External Document-Mill Test Report	SM1002
104	01 of 01	910.05a 910.05b	CASTING (STEEL AND IRON)	JOBSITE	Inspect for dimensions and workmanship.	Certification-Other (Certified Inspection Report)	SM9003
105	01 of 01	910.06a	BRONZE CASTINGS	JOBSITE	Inspect for dimensions and workmanship.	Certification-Type A	SM9003
106	01 of 01		SHEET LEAD AND ZINC	JOBSITE	Sample when directed.	Visual Inspection	No Sample ID required.
107	01 of 01	711.33	STEEL STRUCTURES	JOBSITE	STUD SHEAR CONNECTORS. Inspect for dimensions and workmanship.	External Document-Mill Test Report	SM1002
108	01 of 03	707.09 714.06(b) 723.11	GROUT	JOBSITE	PRE-PACKAGED. Non-shrink in accordance with ASTM C1107. For precast members and box culverts.	Certification-Type C	SM9003
108	02 of 03	714.06(b) 723.11	GROUT	JOBSITE	CONVENTIONAL FINE. In accordance with ASTM C476. For box culverts.	Air Content, One per Structure	T152
108	03 of 03	714.06(b) 723.11	GROUT	JOBSITE	SELF-CONSOLIDATING FINE. In accordance with ASTM C476. For box culverts.	Air Content, One per Structure Slump Flow, One per Structure Visual Stability Index, One per Structure	T152 (Note in remarks. Tests in accordance with ASTM C476.)
109	01 of 01	901.06	SEALER HEALER (LATEX OVERLAYS)	JOBSITE	FOR SHRINKAGE CRACK REPAIR AS DIRECTED. One 1 qt random verification sample required per year per manufacturer as directed.	Approval Number	SM9004
110	01 of 03	213	FLOWABLE BACKFILL	JOBSITE	MIX DESIGN APPROVAL. One flow consistency, one lightweight dynamic cone penetration test and one dry unit weight test.	N/A	No Sample ID required.
110	02 of 03	213	FLOWABLE BACKFILL	JOBSITE	FIELD APPLICATION Approved mix design required.	Visual (For PLN quantity ≤ 100 cyd).	No Sample ID required.

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
110	03 of 03	213	FLOWABLE BACKFILL	JOBSITE	FIELD APPLICATION Approved mix design required.	For PLN quantity > 100 cyd: Flow Test 1/100 cyd Lightweight DCP 1/pour location Yield 1/100 cyd if using continuous mixer.	D6103 IT216 SM7009
111	01 of 01	216	CELLULAR CONCRETE FILL	JOBSITE	A lot is 300 cyd placed.	Approval Number Four 3 in. by 6 in. cylinders per lot for compressive strength.	SM9004 C495
112	01 of 01	725.07	CELLULAR CONCRETE GROUT	JOBSITE	Four 3 in. by 6 in. cylinders for compressive strength for each 100 cyd by Contractor.	Certification-Type A	SM9003
113	01 of 01	905.05	DETECTABLE WARNING ELEMENTS	JOBSITE	Inspect each element.	Approval Number	SM9004
114	01 of 01	RSP 411-R-432	MICROSURFACING (WARRANTY)	JOBSITE	One DMF required per course.	Approval Number-DMF number	SM9004
115	01 of 01	Special Provision	ULTRATHIN BONDED WEARING COURSE (WARRANTY)	JOBSITE	One DMF required per course.	Approval Number-DMF number	SM9004
116	01 of 01	907.08 907.09 907.11	CLAY PIPE OR TILE	JOBSITE	Inspect for dimensions and workmanship.	Certification-Type C	SM9003
117	01 of 03	RSP 627-R-546	CABLE BARRIER SYSTEM	JOBSITE	SYSTEM	Approval Number	SM9004
117	02 of 03	RSP 627-R-546	CABLE BARRIER SYSTEM	JOBSITE	WIRE ROPE. Inspect for dimensions and workmanship.	Certification-Type A including thickness of zinc coating, minimum breaking strength, the modulus of elasticity and the force applied to pre-stretch the wire rope. One certification per each spool.	SM9003
117	03 of 03	RSP 627-R-546	CABLE BARRIER SYSTEM	JOBSITE	INTERMEDIATE LINE POSTS, THREADED TERMINALS, TURNBUCKLES, ANCHOR FITTINGS AND RETROREFLECTIVE SHEETING. Visaully inspect for dimensions and workmanship.	Certification-Type C	SM9003

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
118	01 of 01	920.01 922.19	CONDUIT	JOBSITE	CONDUIT FOR LIGHTING. Polyethylene (MDPE or HDPE). CONDUIT FOR SIGNALS.	Certification-Type C	SM9003
119	01 of 01	702.03 906.08	HIGH DENSITY BEARING STRIP	JOBSITE	Multipolymer plastic.	Certification - Type B	SM9003
120	01 of 01	RSP 205-C-231	EROSION CONTROL	JOBSITE	TEMPORARY TURBIDITY CURTAIN. For water quality.	Certification - Type B	SM9003
121	01 of 01	720.04	MANHOLE GRADE RINGS	JOBSITE	GRADE RINGS. Other than precast concrete.	Certification-Type C	SM9003
122	01 of 01	RSP 738-B-297	POLYMERIC CONCRETE BRIDGE DECK OVERLAY	JOBSITE	AGGREGATE. EPOXY POLYMER. (from list in RSP) EPOXY OVERLAY.	Certification - Type A Certification - Type C Final Pull-Off Test Results (ITM 407)	SM9003 SM9003 External Document
123	01 of 03	RSP 620-R-483	SOUND BARRIER SYSTEMS	JOBSITE	ALL TYPES.	Approval Number	SM9004
123	02 of 03	RSP 620-R-483	SOUND BARRIER SYSTEMS	JOBSITE	COMPONENTS. (Joint mortar, Structural Aluminum Posts, Structural Steel Posts.) (Structural Steel)	Certification - Type C Mill Certification	SM9003 External Document
123	03 of 03	RSP 620-R-483	SOUND BARRIER SYSTEMS	JOBSITE	CONCRETE MASONRY UNITS.	Certification -Type A	SM 9004
124	01 of 02	RSP 625-R-194	GABIONS AND REVET MATTRESS	JOBSITE	GABIONS.	Certification -Type A	SM9003
124	02 of 02	RSP 625-R-194	GABIONS AND REVET MATTRESS	JOBSITE	REVET MATTRESS. SOIL ANCHOR STAKES.	Certification -Type A Certification -Type C	SM9003 SM9003
125	01 of 01		SERVICE POINT	JOBSITE	ALL TYPES. Includes components such as poles, conduit, weatherhead, ground rod/cable, meter box, etc.	Certification -Type C	SM9003