

REF	SUB REF.	SPEC REFERENCE	ITEM	JOB CONTROL LOCATION	JOB CONTROL NOTES	JOB CONTROL FREQUENCY	ACCEPTANCE TEMPLATES
1	01 of 02 03	902.01a 581 ITM 583	ITM ASPHALT MATERIALS	HMA PLANT	PAVING GRADES. 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 (for Type A Cert) SM9015 (Verification by INDOT Testing)
1	02 of 02 03	902.01a 408.06 406.02	ASPHALT MATERIALS	JOBSITE	ASPHALT BINDER (PG64-22). Used to fill cracks in existing asphalt pavement, or used as tack coat	Certification-Type A	SM9003
1	03 of 03	902.01b through 902.01ef	ASPHALT MATERIALS	POINT OF DELIVERY	NON-PAVING GRADES. Emulsions (b), Cutbacks (c), Utility Asphalt (d), Pipe Coating (e), VRAM (f)	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 44-12	401.05	QC/QA-HMA	JOBSITE	Schedule to apply to each type of mixture.	Binder Content Bulk Specific Gravity Maximum Specific Gravity Gradation 1 each per subplot for ≥300 ton, per CLN.	IT586 or IT571 T 166 or T 331 T 209 T 30
2	02 of 44-12	401.05	QC/QA-HMA	JOBSITE	Schedule to apply to each type of mixture.	Certification-Type D for <300 ton, per CLN	SM9003
2	03 of 44-12	410.05	SMA	JOBSITE	Schedule to apply to surface course only.	Binder Content Gradation 1 each per subplot.	IT586 or IT571 T 30
2	04 of 44-12	401.05 402.04	QC/QA-HMA	PLANT, SOURCE	DOLomite. One verification sample per year per plant where Dolomite is used.	One verification sample per year per plant where Dolomite is used.	IT205
2	05 of 44-12	ITM 583	HMA	MIXING PLANT	PLANT PRODUCTION PER DMF. Schedule to apply to each type of mixture after the first 250 ton of mix for the season is produced.	For Base and Intermediate a minimum of one sample for 1st 250 ton and a minimum of one sample for each 1000 ton thereafter. For Surface a minimum of one sample for 1st 250 ton and a minimum of one sample for each 600 ton thereafter. Frequency per Producer QCP.	No Sample ID Required for Contractor Acceptance
2	06 of 44-12	402.04 402.07 402.09 ITM 583	HMA	JOBSITE	FOR CONTRACT PER DMF. Contractor Acceptance Testing per ITM 583. A certification reflecting the test results from the latest producer sample shall be provided with the 1st delivery per contract per DMF per day.	Certification-Type D. For Base and Intermediate: Minimum one certification for each 1000 tons. For Surface: Minimum one certification for each 600 tons.	SM9003
2	07 of 44-12	403.05	CMA	MIXING PLANT	Schedule to apply to each type of mixture.	Certification-Type D	SM9003

2	08 of 44-12	307 308	FULL DEPTH RECLAMATION	JOBSITE	FDR Cement FDR Asphalt Emulsion	Certification - Type D- (1 Per Day of Production in accordance with ITM 804).	SM 9003/ITM-804
2	09 of 44-12	416 447	COLD RECYCLING	JOBSITE	Cold-In-Place Cold-In-Place Recycling, CIR Cold Central Plant	Certification - Type D- (1 Per Day of Production in accordance with ITM 804).	SM 9003/ITM-804
2	10 of 12	417	COLD RECYCLING	JOBSITE	Cold Central Plant Recycling, CCPR	Certification - Type D (1 Per Day of Production in accordance with ITM 804).	SM 9003
2	40 of 11 12	306.04 306.05 306.07	ROADWAY MILLING	JOBSITE	Scarification Profile/Cross-Slope Specified Depth	Macrotexture, 1 per day minimum (Testing by contractor in accordance with ITM 812)	ITM-812-No Sample ID Required
2	44 of 44 12 of 12	401.18(a) and ITM 912, Sec 5.0	PROFILOGRAPH, HMA	JOBSITE	For Contracts which include the Profilograph, HMA pay item. The profilograph shall be calibrated prior to use for both horizontal and vertical scales once each day on each contract.	Profilograph Verification (Machine Certification ID & Machine Operator).	IT912
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) Buy America Certification	SM1002 SM9003 SM9004 SM1004 (attach Buy America certification(s) in SM)
4	03 of 04	910.21	STEEL PILES	JOBSITE	STEEL SHEET PILES. Temporary.	Visually inspect for suitability of use. Buy America Certification	No Sample ID required. SM1004 (attach Buy America certification(s) in SM)
4	04 of 04	701.11	H-PILE SPLICER COMMERCIAL	JOBSITE	UNCOATED STEEL H PILE SPLICERS.	External Document-Mill Certification Buy America Certification	SM1002 SM1004 (attach Buy America certification(s) in SM)
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. Buy America Certification	SM9003 Sample ID Number (from M&T) SM1004 (attach Buy America certification(s) in SM)
7	01 of 03-04	906.07a	BRIDGE EXPANSION JOINTS	JOBSITE	Type SS. Inspect for dimensions and workmanship.	Certification for Elastomer-Type B Certification for Str. Steel and Sealant- Type C Buy America Certification	SM9003 SM9003 SM1004 (attach Buy America certification(s) in SM)
7	02 of 03-04	906.07b	BRIDGE EXPANSION JOINTS	JOBSITE	Type M. Inspect for dimensions and workmanship.	Certification for Elastomer-Type B Certification for Str. Steel and Sealant-Type C Buy America Certification	SM9003 SM9003 SM1004 (attach Buy America certification(s) in SM)

7	03 of 04	906.07c	BRIDGE EXPANSION JOINTS	JOBSITE	Type PCF (Pre-Compressed Foam Joint). For Bridge Joints, Terminal Joint, Type PCCP, etc.	Approval Number	SM9004
7	03 of 03-04 of 04	RSP 724-B-145	BRIDGE 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
12	02 of 02	912.04	CONCRETE ADMIXTURE	BATCH PLANT	LATEX MODIFIER	Approval Number and Certification - Type B	SM9004 SM9003
13	01 of 03-04	912.01(e)	CONCRETE CURING MATERIALS	JOBSITE	Liquid Membrane Curing Materials LIQUID MEMBRANE FORMING CURING COMPOUNDS.	≤ 1000 gal Visual Inspection Approval Number (W-Number)	No Sample ID required. SM9004
13	02 of 04	912.01(e)	CONCRETE CURING MATERIALS	MANUFACTURER	LIQUID MEMBRANE FORMING CURING COMPOUNDS.	Annual recertification letter to the Department by January 1 of each year. The manufacturer shall also submit a type A certification for a single batch every four months to Div. M&T.	No Sample ID Required.
13	02 of 03 of 04	912.01(e)2	CONCRETE CURING MATERIALS	JOBSITE	LIQUID MEMBRANE FORMING CURING COMPOUNDS. Resin-Based, White Pigmented (PAMS) Only. Sample will be obtained at sprayer nozzle to obtain one 1 gal sample.	> 1000 gal, test results (from M&T) Sample once per source per contract which use > 1000 gal or as requested.	T455 Templates per Division of M&T.
13	03 of 03-04 of 04	912.02	CONCRETE CURING MATERIALS	JOBSITE	CONCRETE SEALERS, PROPRIETARY. One 1 qt	Approval Number Certification-Type C	SM9004 SM9003
15	1 of 24-25	501.05	CONCRETE	JOBSITE	PAVEMENT-QC/QA-PCCP (Acceptance). Approved CMD Required.	Unit weight 1/2400 syd Air Content 1/2400 syd W/C Ratio 1/14,400 syd	T 121QC T 152QC IT403Q
15	2 of 24-25	501.05	CONCRETE	JOBSITE	PAVEMENT-QC/QA-PCCP (Acceptance). Approved CMD Required.	Thickness: two cores (4" diameter) per 2400 syd	IT404Q
15	3 of 24-25	501.05	CONCRETE	JOBSITE	PAVEMENT-QC/QA-PCCP (Acceptance). Approved CMD Required.	Flexural: two beams per 2400 syd	T 97Q
15	4 of 24-25	501.23	CONCRETE	JOBSITE	PAVEMENT-QC/QA-PCCP (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	5 of 24-25	502.04	CONCRETE	JOBSITE	PAVEMENT-PCCP (NON QC/QA) (Acceptance). Approved CMD Required (Includes Driveways).	Yield 1/2400 syd Air Content 1/1200 syd Slump 1/1200 syd	T 121 T 152 T 119
15	6 of 24-25	502.21	CONCRETE	JOBSITE	PAVEMENT-PCCP (NON QC/QA) (Acceptance). Approved CMD Required. Cores not required for patches, moment slab, sidewalks, nor driveways.	Thickness: one core (4" diameter) per 1200 syd per CLN (minimum 4 cores per section, and minimum of 1 core per subsection). For <1200 syd, no sampling required.	IT404 No Sample ID required.

15	7 of 24-25	502.18	CONCRETE	JOBSITE	PAVEMENT-PCCP (NON QC/QA) (Opening to Traffic). Test beams shall be obtained at the end of each day's production.	Age requirement Flexural Strength	No Sample ID required. No Sample ID required.
15	8 of 24-25	702	CONCRETE	JOBSITE	SUPERSTRUCTURE (Acceptance).	Yield 1/100 cyd Air Content 1/50 cyd Slump 1/100 cyd W/C Ratio 1/400 cyd	T 121 T 152 T 119 IT403
15	9 of 24-25	609	CONCRETE	JOBSITE	BRIDGE APPROACHES (Acceptance).	Yield 1/100 cyd Air Content 1/50 cyd Slump 1/100 cyd	T 121 T 152 T 119
15	10 of 24-25	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	11 of 24-25	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)	T 121 T 152 T 119 No Sample ID required.
15	12 of 24-25	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. T 97 T 22
15	13 of 24-25	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	14 of 24-25	702.24	CONCRETE	JOBSITE	STRUCTURES (Opening to Traffic or Form Removal or Load Application)	Flexural Strength Compressive Cylinders	No Sample ID required. T 22
15	15 of 24-25	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)	T 121 T 152 T 119 No Sample ID required.
15	16 of 24-25	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)	T 121 T 152 No Sample ID required.
15	17 of 24-25	722	CONCRETE	JOBSITE	BRIDGE DECK OVERLAY. 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	18 of 24-25	722.12	CONCRETE	JOBSITE	BRIDGE DECK OVERLAY. LATEX-MODIFIED (Opening to Traffic when Contractor elects to decrease the dry cure timeline per 722.12 .) 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	T 22

15	19 of 24-25	722	CONCRETE	JOBSITE	BRIDGE DECK OVERLAY. LATEX-MODIFIED, VERY EARLY STRENGTH (VES) (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 T 152 T 119LM
15	20 of 24-25	722	CONCRETE	JOBSITE	BRIDGE DECK OVERLAY. LATEX-MODIFIED, VERY EARLY STRENGTH (VES) (Acceptance). Test cylinders shall be obtained at the end of each day's production.	Opening to Traffic: After 3 hr wet cure is complete. Minimum 2,500 psi compressive strength after 3 hr wet cure has concluded.	T 22
15	21 of 24-25	722	CONCRETE	JOBSITE	BRIDGE DECK OVERLAY. SILICA FUME MODIFIED CONCRETE OVERLAY W/C ratio determined soon after pour begins for each day of placement and if there is a significant change in aggregate moisture.	Yield 1/20 cyd Air Content 1/20 cyd Slump 1/20 cyd Compressive Cylinders, 4 cylinders/20 cyd (2 for 7 day, 2 for backup) W/C Ratio 1/day	T 121 T 152 T 119 T 22 IT403
15	22 of 24-25	506	CONCRETE	JOBSITE	FULL-DEPTH and PARTIAL DEPTH PATCHING-PCCP.	Air Content 1/50 cyd Flexural Beams (Opening to traffic) Flexural Beams (3-day flexural strength verification, average of at least 2 test beams) 2 beams (minimum) /150 cyd	T 152 No Sample ID Required T 97EP (T 97 MP)
15	23 of 25	509.03(a through f)	CONCRETE	JOBSITE	PCCP JOINT REPAIR (ACCEPTANCE). a) Pre-packaged patching material, CPM, b) Ordinary Portland Cement-Based Concrete, OPCC, c) Rapid Hardening Cement-Based Concrete, RHCC, d) Latex Modified Concrete, LMC, e) Latex Modified Concrete, Very Early Strength, LMC-VE, and f) Rapid Setting Patch Materials, RSP. Approved CMD Required For Each.	Slump, Air, and Relative Yield (first batch of day and a minimum of 1/400 cu. ft., thereafter). Flexural Beams or Cylinders (Opening to traffic). Flexural Beams or Cylinders (Strength Verification, 1/3 days production or whenever slump, relative yield, or air fail the upper limit (minimum). Specimens are standard cured and tested at age consistent with intended use.)	T 119, T 152, and T 121 No Sample ID Required T 97
15	23 of 24 of 25	501.25(a) and ITM 912, Sec 5.0	PROFILOGRAPH, PCCP	JOBSITE	For Contracts which include the Profilograph, PCCP pay item. The profilograph shall be calibrated prior to use for both horizontal and vertical scales once each day on each contract.	Profilograph Verification (Machine Certification ID & Machine Operator).	IT912
15	24 of 24-25 of 25	RSP-912-M-050-912.06	CONCRETE	JOBSITE	SYNTHETIC FIBERS FOR USE IN PCC	Approval Number	SM9004

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 Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
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-J Number (Certified Reinforcing Bar Epoxy Coater) Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
16	03 of 11	910.01b10	REINFORCING STEEL	CERTIFIED COATER	DOWEL. One random verification sample required per year per manufacturer as directed.	Approval Number-J Number (Certified Reinforcing Bar Epoxy Coater) Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
16	04 of 11	503.04	REINFORCING STEEL	JOBSITE	DOWEL BAR ASSEMBLIES. Support baskets for D-1 contraction joints.	Visually inspect for compliance. Buy America Certification	No Sample ID required. SM1004 (attach Buy America certification(s) in SM)
16	05 of 11	910.01(b)5 or 910.01b6	REINFORCING STEEL	JOBSITE OR FABRICATOR	WELDED WIRE. Smooth or Deformed.	Approval Number Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
16	05 of 11	910.01(b)5 or 910.01b6	REINFORCING STEEL	JOBSITE OR FABRICATOR	WELDED WIRE. For Bridge Deck Reinforcement. Smooth or Deformed. (Must be from Approved Source). Except for use in pneumatically placed mortar; see reference 7 of 11.	Approval Number Random Verification: One 3 ft x 3 ft sample per wire size for each 20 T from each source. Buy America Certification	SM9004 SM9039, SM9040, SM9041 or SM9042 Sample ID Number (Templates by M&T) SM1004 (attach Buy America certification(s) in SM)
16	06 of 11	910.01(b)5	REINFORCING STEEL	JOBSITE	WELDED WIRE REINFORCEMENT (WWR). Used for Pneumatically Placed Mortar Only.	Certification - Type A Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
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 Buy America Certification	No Sample ID required. SM1004 (attach Buy America certification(s) in SM)
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. Buy America Certification	SM9009 Epoxy Assemblies or SM9009 Plain Assemblies SM1004 (attach Buy America certification(s) in SM)
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 Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
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 Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
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 Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
17	09 of 10	906.02a1 906.02b	CRACK and JOINT FILLER	JOBSITE, SOURCE, or DISTRIBUTOR	SILICONE JOINT SEALANTS FOR I-A JOINTS. Transverse joints for RCBA's (Included in the cost of the RCBA).	Approval Number Certification for Backer Rod - Type C	SM9004 SM9003

17	10 of 10	906.02(a)4 and 906.02(b)	BRIDGE JOINT MEMBRANE (FOR SEMI-INTEGRAL END BENTS)	JOBSITE, SOURCE, or DISTRIBUTOR	POLYCHLOROPRENE JOINT MEMBRANE, ADHESIVE AND BACKER ROD	Certification for Membrane-Type B Certification for Adhesive-Type C Certification for Backer Rod-Type C	SM9003 SM9003 SM9003
19	01 of 01	909.10	PROPRIETARY PCC SEALER	JOBSITE	NON-EPOXY PCC SEALERS. One 1 qt random verification sample required per year per manufacturer as directed.	Approval Number	SM9004
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 required for acceptance of 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 AND MOISTURE	JOBSITE	1 cyd=3000 lb for material placed above water.	For less than or equal to 700 cys, one in-place density or, stiffness, or strength test for each 700 cys., for each two-lane pavement, for each lift, minimum one sample. One in-place density or stiffness test per 500 cyd, minimum one sample. A minimum of one moisture test per day. The testing frequency in SiteManager will need to be changed to reflect actual number of moisture tests required per PLN.	T 191, ITM 508 or ITM 509 IT506 (for sand/granular soils) or T 255 (for coarse aggregate)
22	04 of 05	211.02	STRUCTURE BACKFILL, DENSITY OR STIFFNESS AND MOISTURE	JOBSITE	1 cyd=3000 lb for material placed above water.	One in-place density or stiffness test per 500 cyd, minimum one sample. A minimum of one moisture test per day is required. The testing frequency in SiteManager will need to be changed to reflect actual number of moisture tests required per PLN.	T 191, ITM 508 or ITM 509 IT506 (for sand/granular soils) or T 255 (for coarse aggregate)

23	02 of 03	303.06	COMPACTED AGGREGATE DENSITY OR STIFFNESS AND MOISTURE	JOBSITE	ALL USES.	For < 20 T or if depth of material < 3 in. no density or stiffness testing is required. Otherwise, 1/800 T. For < 20 T, no moisture test is required. Otherwise, a minimum of one moisture taken from the first truck of the day for each day of aggregate placement. The testing frequency in SiteManager will need to be changed to reflect actual number of moisture tests required per PLN.	No Sample ID required. IT508 or T 191 No Sample ID required. T 255
24	02 of 02	302.06	SUBBASE, DENSITY OR STIFFNESS AND MOISTURE	JOBSITE	ALL USES.	For < 20 T or if depth of material < 3 in. no testing required. Otherwise, 1/800 T For < 20 T, no moisture test is required. Otherwise, a minimum of one moisture taken from the first truck of the day for each day of aggregate placement. The testing frequency in SiteManager will need to be changed to reflect actual number of moisture tests required per PLN.	No Sample ID required. IT508 or T 191 No Sample ID required. T 255
25	01 of 01	203.23 207.03 218.05	EMBANKMENT, SUBGRADE STRENGTH OR DENSITY AND MOISTURE, QC/QA FOR SOIL FILL SECTIONS AND SUBGRADE	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 one test daily for Silty, Sandy or Granular Soils. The testing frequency in SiteManager will need to be changed to reflect actual number of moisture tests required for the per PLN.	IT509 or T 191 IT506
26	01 of 03-04	207.03 215.09 218.05	SUBGRADE TREATMENT, STIFFNESS OR STRENGTH AND MOISTURE (CHEMICAL MODIFIED SUBGRADE), QC/QA FOR SOIL FILL SECTIONS AND SUBGRADE	JOBSITE	FOR PAVEMENT (Mainline and Shoulders). Chemically Modified Soils.	Three DCP tests per 1,400 cu yd OR Three LWD Tests per 1,400 cu yd. One Moisture Test each 4 hours during chemical modification/soil mixing. The testing frequency in SiteManager will need to be changed to reflect actual number of moisture tests required per PLN.	IT509 or IT508 IT506 (Stovetop)

26	02 of 03-04	RSP-215-R-715-215.09 218.05	SUBGRADE TREATMENT, GRADATION (CHEMICAL MODIFIED SUBGRADE), QC/QA FOR SOIL FILL SECTIONS AND SUBGRADE	JOBSITE	FOR PAVEMENT (Mainline and Shoulders). Chemical Modification.	One Gradation Test per 2,500 cu yds	IT506- IT516
26	03 of 03-04	207.03 301.05	SUBGRADE TREATMENT, STIFFNESS AND MOISTURE (COMPACTED AGGREGATE)	JOBSITE	FOR PAVEMENT (Mainline and Shoulders). Compacted Coarse Aggregate No. 53.	Three LWD Tests per 800 tons of compacted aggregate for the width of the constructed area. For < 20 T, no moisture test is required. Otherwise, a minimum of one moisture taken from the first truck of the day for each day of aggregate placement. The testing frequency in SiteManager will need to be changed to reflect actual number of moisture tests required per PLN.	IT508 T 255
26	04 of 04	219	CEMENT STABILIZED SUBGRADE SOIL. STIFFNESS AND MOISTURE	JOBSITE	QUALITY ASSURANCE, QA, TESTING. Refer to 219.11 for QC requirements for Contractor.	Three LWD Tests per 2,000 sq. yds. for the width of the constructed area 7-days after compaction. One moisture test per 2,000 sq. yds during cement and soils mixing.	IT508 IT506
27	01 of 01	910.18 910.13	METAL FENCE MATERIALS	INSTALLER or JOBSITE	FENCE FABRIC, POSTS, GATES, AND ACCESSORIES	Certification - Type C Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
32	01 of 02	910.09	GUARDRAIL	JOBSITE	STEEL W BEAM, THRIE BEAM, W TO THRIE BEAM TRANSITION PIECES. SPLICE PLATES, TERMINAL ENDS, BUFFER ENDS, AND FASTENERS. For use with Guardrail, Guardrail Transitions and Terminal Systems.	Approval Number (Certified Guardrail Manufacturer, one for each component manufacturer) Buy America (one for each component and manufacturer)	SM9004 SM1004 (attach Buy America certification(s) in SM)
34	01 of 02	910.20	STEEL BRIDGE RAILING COMPONENTS	JOBSITE	ANCHOR BOLTS.	Certification-Type A Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
34	02 of 02	910.20	STEEL BRIDGE RAILING COMPONENTS	JOBSITE	ALL OTHER COMPONENTS.	Certification-Type C Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)

35	01 of 01	601.07	GUARDRAIL END TREATMENT	JOBSITE	GUARD RAIL END TREATMENTS FOR W- BEAM AND THRIE BEAM RAIL SECTIONS.	Approval Number-W# Certification-Other (Verify Installer's Name to be on Certified Guardrail End Treatment and Impact Attenuator Installers List) External Document (Manufacturer's FHWA eligibility letter stating NCHRP 350 or MASH TL-2 or TL-3 Compliance) Buy America Certification	SM9004 SM9003 (Identify Certified Installer's Name and Company in Remarks) SM1002 SM1004 (attach Buy America certification(s) in SM)
36	02 of 03	601.08	IMPACT ATTENUATORS	JOBSITE	PERMANENT	Approval Number-W# Certification-Other (Verify Installer's Name to be on Certified Guardrail End Treatment and Impact Attenuator Installers List) External Document (Manufacturer's FHWA eligibility letter stating NCHRP 350 or MASH TL-2 or TL-3 Compliance) Buy America Certification	SM9004 SM9003 (Identify Certified Installer's Name and Company in Remarks) SM1002 SM1004 (attach Buy America certification(s) in SM)
37	01 of 02	914.01	TOPSOIL	SOURCE	Visually inspect for material detrimental to proper development of ground vegetation, in addition to laboratory testing.	One 1 lb sample for pH testing per source. Visual Inspection	SM6009
44	01 of 01 02	914.09(f) & (g)	MISCELLANEOUS ROADSIDE DEVELOPMENT MATERIALS	JOBSITE or SOURCE	WATER, STAKES FOR BRACING OR ANCHORING, TREE WOUND DRESSING, POROUS MATERIAL, PIPE, TEMPORARY STAPLES AND PLASTIC NET.	Certification-Type C	SM9003
44	02 of 02	914.09(b)	MISCELLANEOUS ROADSIDE DEVELOPMENT MATERIALS	JOBSITE or SOURCE	TEMPORARY STAKES FOR BRACING AND ANCHORING	Visual Inspection	No Sample ID required.
51	01 of 01	913.01	WATER	SOURCE	NON-POTABLE. Based on intended use. When source is of questionable quality for intended use, consult the DTE. (NOTE: Water known to be of potable quality may be used without testing.)	Visual Inspection-- Certification - Type A	No Sample ID required-- SM9003
55	01 of 08-10	918.02(a)	GEOSYNTHETIC MATERIALS	JOBSITE or SOURCE	GEOTEXTILE FOR RIPRAP	Approval Number	SM9004
55	02 of 08-10	918.02(b)	GEOSYNTHETIC MATERIALS	JOBSITE or SOURCE	GEOTEXTILE FOR UNDERDRAINS	Approval Number	SM9004
55	03 of 08-10	918.02(c)	GEOSYNTHETIC MATERIALS	JOBSITE or SOURCE	GEOTEXTILE FOR PAVEMENT AND SUBGRADE	Approval Number	SM9004
55	04 of 10	918.02(d)	GEOSYNTHETIC MATERIALS	JOBSITE or SOURCE	GEOTEXTILE FOR MOISTURE MANAGEMENT	Approval Number	SM9004
55	05 of 08-10	918.02(d) 918.02(e)	GEOSYNTHETIC MATERIALS	JOBSITE or SOURCE	SILT FENCE. Inspect for dimensions and/or workmanship	Approval Number	SM9004
55	06 of 08-10	918.03	GEOSYNTHETIC MATERIALS	JOBSITE or SOURCE	GEOMEMBRANE	Approval Number	SM9004

55	07 of 08-10	918.04	GEOSYNTHETIC MATERIALS	JOBSITE or SOURCE	GEOCELL CONFINING SYSTEM	Approval Number	SM9004
55	08 of 08-10	918.05	GEOSYNTHETIC MATERIALS	JOBSITE or SOURCE	GEOGRID	Approval Number	SM9004
55	09 of 10	918.06	FABRIC OR MEMBRANE FOR WATERPROOFING	JOBSITE	FABRIC (TREATED COTTON, WOVEN GLASS, OR GLASS FIBER MAT) FOR WATERPROOFING	Certification (for Type 1)-Type C	SM9003
55	10 of 10	918.06	FABRIC OR MEMBRANE FOR WATERPROOFING	JOBSITE	MEMBRANE FOR WATERPROOFING	Certification (for Type 2 and Type 3)-Type B	SM9003
57	01 of 02	715 907.01	CONCRETE PIPE	JOBSITE	NON-REINFORCED CONCRETE PIPE. 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
57	01 of 02 of 02	715 907.02 907.03	CONCRETE PIPE	JOBSITE	REINFORCED CONCRETE PIPE. 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 Certification - Other (Refer to 907.02) Buy America Certification	SM9004 SM9003 SM1004 (attach Buy America certification(s) in SM)
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 Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
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) Buy America Certification	SM9004 SM9004 SM1004 (attach Buy America certification(s) in SM)

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-Precast Concrete Producer (4-digit Source #) Approval Number-Retaining Wall Systems (W#) For ≤ 750 panels, one sample for compressive strength verification (two cores) For > 750 panels, two cores per 750 panels One sample (consisting of two 4" diameter cores) per 750 panels, minimum one sample. Joint Spacer and Joint Cover Adhesive (Certification-Other) Joint Cover Material (Certification-Type C) Reinforcement Galvanization Certification (Certification-Type A) Buy America Certification	SM9004 SM9004 T 24 T24- SM9003 SM9003 SM9003 SM1004 (attach Buy America certification(s) in SM)
61	01 of 01	907.10	CONCRETE DRAIN TILE	SOURCE	Certified Precast Concrete Producers.	Approval Number - Source Number Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
63	01 of 08-10	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 08-10	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 08-10	907.24(a) 907.22, 907.24(c) 907.21, 907.24(d) 907.23, 907.24(e)	PLASTIC PIPE	JOBSITE	PSM PVC PIPE, PROFILE WALL PVC PIPE, SMOOTH WALL POLYETH. PIPE, or SMOOTH WALL PVC PIPE. For underdrain outlets and miscellaneous applications. Inspect for dimensions and workmanship. ASTM stamp required on pipe.	Approval Number	SM9004
63	05 of 08-10	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	06 of 08-10	715.02h	PLASTIC PIPE	JOBSITE	END BENT DRAIN PIPE. Perforated profile wall PVC pipe, perforated smooth wall PVC pipe, or corrugated polyethylene drainage tubing Type SP.	Approval Number	SM9004
63	07 of 08-10	907.25	PIPE LINERS	JOBSITE	THERMOPLASTIC LINER PIPE. Pipe Liners to be inspected.	Approval Number or Certification - Type A	SM9004 or SM9003
63	08 of 10	912.05	FOAMING AGENT	JOBSITE	For Making Preformed Foam for Cellular Concrete Grout.	Certification-Type C	SM9003
63	09 of 08-10	907.26	SOLVENT CEMENTS	JOBSITE	For PVC Pipe and Fittings.	Certification-Type C	SM9003
63	08 of 08 10 of 10	907.27	ELASTOMERIC SEALS	JOBSITE	For Joining Plastic Pipe.	Certification-Type B	SM9003
64	01 of 04-02	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 Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
64	02 of 02	910.22(b)	GRATED BOX END SECTIONS	JOBSITE	GRATING FOR GRATED BOX END SECTION. The Pipe, Tubing, Tube, and Grates for a Type II Grated Box End Section.	Certification - Type B	SM9003
65	01 of 01	907.13	RUBBER TYPE GASKETS (RING)	JOBSITE	For Pipe. Inspect for dimension and/or workmanship.	Certification-Type B	SM9003
66	01 of 01	907.11	MASTIC-PIPE JOINT SEALERS	JOBSITE	PREFORMED FLEXIBLE and BITUMINOUS MASTIC SEALANT. 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 Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
70	01 of 02	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 Buy America Certification	SM1002 SM1004 (attach Buy America certification(s) in SM)
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) Buy America Certification	SM9019 SM1004 (attach Buy America certification(s) in SM)
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 Buy America Certification	SM1002 SM1004 (attach Buy America certification(s) in SM)

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 Buy America Certification	SM1002 SM1004 (attach Buy America certification(s) in SM)
73	02 of 04	908.10	PIPE	JOBSITE	CAST IRON SOIL PIPE. For bridge drains. Field check for dimensions and weight.	Visual Inspection Buy America Certification	No Sample ID required. SM1004 (attach Buy America certification(s) in SM)
73	04 of 04	910.07 908.11	STEEL PIPE	JOBSITE	Inspect for dimensions and workmanship.	Certification-Type C Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
76	01 of 02	600 (numerous subsections apply)	PRECAST CONCRETE UNITS	SOURCE	PRECAST PARKING BARRIERS, PRECAST CONCRETE CURBING, BENCH-MARK POSTS, CABLE MARKERS, AND MONUMENTS. Certified Precast Concrete Producers.	Approval Number- Source Number Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
76	02 of 02	615.03	PRECAST CONCRETE UNITS	SOURCE	RIGHT-OF-WAY MARKERS. Certified Precast Concrete Producers. (Visually inspect for markings)	Approval Number- Source Number Certification - Type C Buy America Certification	SM9004 SM9003 SM1004 (attach Buy America certification(s) in SM)
77	01 of 01	905.06	PRECAST CONCRETE UNITS	SOURCE	OTHER CONCRETE ITEMS.	Visual Inspection Buy America Certification	No Sample ID required. SM1004 (attach Buy America certification(s) in SM)
78	01 of 02	602.03a	PRECAST MEDIAN BARRIERS	SOURCE	PERMANENT. Certified Precast Concrete Producers.	Approval Number- Source Number Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
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 Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
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 Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
81	01 of 06 07	910.14a 910.14b 910.14e	POLES AND POSTS	JOBSITE or SUPPLIER	SIGN POSTS (STEEL). Inspect for dimensions and workmanship.	Certification-Type B Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
81	02 of 06 07	910.14b	POLES AND POSTS	JOBSITE or SUPPLIER	SIGN POSTS (STEEL). Inspect for dimensions and workmanship.	Buy America Certification	SM1004 (attach Buy America certification(s) in SM)
81	02 03 of 07	910.14c 910.14d	POLES AND POSTS	JOBSITE or SUPPLIER	STRUCTURAL STEEL AND STRUCTURAL ALUMINUM. Inspect for dimensions and workmanship.	Certification-Type C Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
81	03 04 of 07	910.15	POLES AND POSTS	JOBSITE or SUPPLIER	DELINEATOR POSTS (METAL).	For ≤ 200 units, no sampling required. Certification - Type B Buy America Certification	No Sample ID required. SM9003 SM1004 (attach Buy America certification(s) in SM)

81	04 05 of 07	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 Buy America Certification	SM6008 SM9003 SM1004 (attach Buy America certification(s) in SM)
82	01 of 01	910.19	OVERHEAD SIGN STRUCTURES	JOBSITE	ALUMINUM OR STEEL. Inspect for dimensions and workmanship.	Certification-Type C Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
83	02 of 02	920	HIGHWAY ILLUMINATION MATERIALS	JOBSITE	LIGHTING STANDARDS AND MAST ARMS, HIGH MAST STANDARDS, WIRE AND CABLE, ANCHOR BOLTS, ETC. Inspect for dimensions and workmanship.	Certification-Type C Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
85	01 of 04-02	801.04	CONSTRUCTION SIGNS	JOBSITE	Visually inspect for dimensions and workmanship.	Visual Inspection	No Sample ID required.
85	02 of 02	801.02	CONSTRUCTION TEMPORARY SPEED FEEDBACK ASSEMBLY	JOBSITE	Visually inspect that the unit functions as intended.	Visual Inspection	No Sample ID required.
87	01 of 04	922.02 922.03 922.04(a) 922.12 922.13	TRAFFIC SIGNAL EQUIPMENT	JOBSITE and LAB	TRAFFIC SIGNAL CONTROLLER, INTERCONNECT EQUIPMENT, LED SIGNAL HEAD AND PEDESTRIAN SIGNAL HEAD COMPONENTS, EXTERNAL TIME CLOCKS, VEHICLE DETECTION SYSTEMS.	Approval Number (External Document shall be submitted with approval numbers listed for each component when applicable)	SM9004 (for each component) SM1002
95	01 of 01	921.02d	SNOWPLOWABLE RAISED PAVEMENT MARKERS	JOBSITE	Inspect for dimensions and workmanship.	Approval Number - Prismatic Reflectors and Cast Metal Base Certification for Epoxy Adhesive - Type B Buy America Certification	SM9004 SM9003 SM1004 (attach Buy America certification(s) in SM)
96	01 of 01	923.02	TEMPORARY RAISED PAVEMENT MARKERS	JOBSITE	Visually inspect for dimensions and workmanship. -- GRADES 1 AND 2. From Departments List of Approved Temporary Raised Pavement Markings.	Visual Inspection Approval Number - W# (6 digit)	No Sample ID required. SM9004
99	01 of 01	910.02	STEEL STRUCTURES	JOBSITE or SOURCE	STRUCTURAL STEEL. Inspect for dimensions and workmanship.	External Document-Mill Test Report Buy America Certification	SM1002 SM1004 (attach Buy America certification(s) in SM)
100	01 of 02	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 Certification - Other (in accordance with 910.02(g)2.d) Buy America Certification	Sample ID (Templates by M&T) SM9003 SM1004 (attach Buy America certification(s) in SM)

100	02 of 02	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) Buy America Certification	SM1002
101	01 of 01	910.02h	STEEL STRUCTURES	JOBSITE	BOLTS OTHER THAN HIGH STRENGTH. Inspect for dimensions and workmanship.	Certification-Type C Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
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 Certification-Type A Buy America Certification	A 90 SM9033 SM9003 SM1004 (attach Buy America certification(s) in SM)
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 Certification-Type A Buy America Certification	A 90 SM9033 SM9003 SM1004 (attach Buy America certification(s) in SM)
102	03 of 03	910.03	PERMANENT METAL FORMS	JOBSITE or FABRICATOR	CLIPS: One series of field tests for each shipment.	Sample ID Certification-Type A Buy America Certification	A 90 SM9033 SM9003 SM1004 (attach Buy America certification(s) in SM)
103	01 of 01	910.04	STEEL FORGINGS AND SHAFTINGS	JOBSITE	Inspect for dimensions and workmanship.	External Document-Mill Test Report Buy America Certification	SM1002 SM1004 (attach Buy America certification(s) in SM)
104	01 of 01	910.05a 910.05b	CASTING (STEEL AND IRON)	JOBSITE	Inspect for dimensions and workmanship.	Certification-Other (Certified Inspection Report) Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
107	01 of 01	711.33	STEEL STRUCTURES	JOBSITE	STUD SHEAR CONNECTORS. Inspect for dimensions and workmanship.	External Document-Mill Test Report Buy America Certification	SM1002 SM1004 (attach Buy America certification(s) in SM)
110	01 of 04	213.03(a)	FLOWABLE BACKFILL	JOBSITE	STANDARD FLOWABLE BACKFILL MIX DESIGN APPROVAL. Batch proportioning as specified for Removable, Type 4-1 or Type 4-2, or Non-Removable, Type 5-1 or 5-2. Minimum 150 lb/cu yd of fly ash is required if placed around pipe. The Contractor is responsible for verifying flowable backfill meets performance and mix criteria.	N/A	No Sample ID required.
110	04 of 03-02 of 04	213.03(b)	FLOWABLE BACKFILL	JOBSITE	CONTRACTOR-DESIGNED MIX DESIGN APPROVAL. Trial Batch Required: One flow consistency, one lightweight dynamic cone penetration test, and one dry unit weight test. Minimum 150 lb/cu yd of fly ash is required if placed around pipe.	N/A	No Sample ID required.
110	02 of 03-03 of 04	213	FLOWABLE BACKFILL	JOBSITE	FIELD APPLICATION Approved mix design required.	Visual (For PLN quantity ≤ 100 cyd).	No Sample ID required.

110	03 of 03-04 of 04	213	FLOWABLE BACKFILL	JOBSITE	FIELD APPLICATION Approved mix design required.	For-PLN quantity > 100-cyd- Flow Test 1/100 cyd, minimum 1 test. Lightweight DCP 1/100 cyd, minimum 1 per pour location (prior to subsequent construction activity or loading). Yield (using 1/4 cu. yd. box) 1/100 cyd, if using continuous mixer.	IT216 D6103 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. DCP, minimum 25 blows in 12 in. Four DCP tests per lot.	SM9004 C495 IT509 (for contracts let March 1, 2022 and after, IT509)
116	01 of 01	907.08 907.09 907.14 907.10	CLAY PIPE OR TILE	JOBSITE	Inspect for dimensions and workmanship.	Approval Number Buy America Certification	SM9003
117	01 of 03	RSP 627-R-546	CABLE BARRIER SYSTEM	JOBSITE	SYSTEM	Approval Number Buy America Certification	SM9004 SM1004 (attach Buy America certification(s) in SM)
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. Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
117	03 of 03	RSP 627-R-546	CABLE BARRIER SYSTEM	JOBSITE	INTERMEDIATE LINE POSTS, THREADED TERMINALS, TURNBUCKLES, ANCHOR FITTINGS AND RETROREFLECTIVE SHEETING. Visually inspect for dimensions and workmanship.	Certification-Type C Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
118	01 of 01	920.01 922.19	CONDUIT	JOBSITE	CONDUIT FOR LIGHTING. Polyethylene (MDPE or HDPE). CONDUIT FOR SIGNALS.	Certification-Type C Buy America Certification	SM9003
121	01 of 01	720.04	MANHOLE GRADE RINGS	JOBSITE	GRADE RINGS. Other than precast concrete.	Certification-Type C Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)
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 Buy America Certification	SM9003 External Document SM1004 (attach Buy America certification(s) in SM)
124	01 of 02	RSP 625-R-194	GABIONS AND REVET MATTRESS	JOBSITE	GABIONS.	Certification -Type A Buy America Certification	SM9003 SM1004 (attach Buy America certification(s) in SM)

124	02 of 02	RSP 625-R-194	GABIONS AND REVET MATTRESS	JOBSITE	REKET MATTRESS. SOIL ANCHOR STAKES.	Certification -Type A Certification -Type C Buy America Certification	SM9003 SM9003 SM1004 (attach Buy America certification(s) in SM)
126	03 of 03	908.10 715.02(l)	ROADWAY DRAIN CASTING EXTENSION	JOBSITE	CAST IRON SOIL PIPE. Field check for dimensions and weight.	Pipe (Certification-Type C) Mounting Hardware (Certification-Type C) Buy America Certification	SM9003 SM9003 SM1004 (attach Buy America certification(s) in SM)
127	01 of 02	908.10 715.02(n)	BRIDGE DECK DRAIN SYSTEM	JOBSITE	CAST IRON SOIL PIPE. Field check for dimensions and weight.	Pipe (Certification-Type C) Mounting Hardware (Certification-Type C) Buy America Certification	SM9003 SM9003 SM1004 (attach Buy America certification(s) in SM)
131	01 of 01	206.08	PREPARATION OF FOUNDATION: SPREAD FOOTING ON ROCK	JOBSITE	Drilling three 2 in. diameter holes 5 ft depth into rock	One per abutment External Document (One report per abutment)	TBD SM1002
132	01 of 01	217.09	SOIL DRYING OR SUBGRADE FOUNDATIONS	JOBSITE	12 in. per lift	2 DCP tests per 1000 ft One moisture test per 4 hours of lime soil mixing One gradation test per 2500 ft	IT509 IT506 IT516
133	01 of 01	203.26 219.14	PROOFROLLING	JOBSITE	Complete coverage (Truck is to drive over entire surface.)	One test to cover the complete surface Visual Inspection	TBD No Sample ID Required.
134	01 of 01	906.01	FLEXIBLE FOAM EXPANSION JOINT JOINT FILLER	JOBSITE	Visual Inspection JOINT FILLERS. Prefomed materials for use in PCCP or as otherwise specified.	Certification-Type CB	SM9003
134	02 of 02	906.03	JOINT FILLER	JOBSITE	PREFORMED EXPANSION JOINT FILLER (PEJF). For Bridge Component Interfaces.	Visual Inspection	No Sample ID Required.
135	01 of 01	218.05	QC/QA FOR SOIL FILL SECTIONS AND SUBGRADE	JOBSITE	Maximum Dry Density	One at start of work and one for every change in soil type	IT512
136	01 of 01	219.12	CEMENT STABLIIZED SUBGRADE SOIL	JOBSITE	Stiffness	Three LWD tests per 2,000 sq yd	IT508