Application	Unit	Minimum Samples / Unit	Test Reference	Notes
Earthwork and Aggregate				
Source of supply for Type A, Type B, Type C, and Type F Borrow material in accordance with Section 1001	N/A	1/source	T88 modified (DMP being created), T89, T90	Sample is collected at the material source.
Source testing for material excavated in accordance with 202000 for incorporation into the work	N/A	1/source	T88 modified (DMP being created), T89, T90	Sample is collected from the on-site stockpile.
In-place compaction testing for Type A material	CY (Ton)	1/750 (1/1100)	T272, T310 (DMP being created)	
In-place testing for Type A material in accordance with Section 1001	N/A	1/testing day	T88 modified (DMP being created), T89, T90	Sample is collected from in-place material.
In-place compaction testing for Type B material	CY (Ton)	N/A	N/A	
In-place testing for Type B material in accordance with Section 1001	N/A	N/A	N/A	
In-place compaction testing for Type C material	CY (Ton)	1/300 (1/450)	T272, T310 (DMP being created)	
In-place testing for Type C material in accordance with Section 1001	N/A	1/testing day	T88 modified (DMP being created), T89, T90	Sample is collected from in-place material.
In-place compaction testing for Type F material	CY (Ton)	1/1000/(1/1525)	T272, T310 (DMP being created)	
In-place testing for Type F material in accordance with Section 1001	N/A	1/testing day	T88 modified (DMP being created), T89, T90	Sample is collected from in-place material.
Source of supply for Clay material in accordance with Section 1002	N/A	1/source	T88 modified (DMP being created), T89, T90	
In-place compaction testing for Clay material in accordance with Section 1002	CY	1/1000	T272, T310 (DMP being created)	
Source of supply for Graded Aggregate Base Course in accordance with Section 1005	N/A	1/source	T27	
Construction testing for Graded Aggregate Base Course in accordance with Section 1005	CY (Ton)	1/550 (1/1025)	T272, T310	
Source of supply for Recycled Concrete Aggregate in accordance with Section 1005	N/A	1/source	T27	
Construction testing for Recycled Concrete Aggregate in accordance with Section 1005	CY (Ton)	1/550 (1/1025)	DMP-16 then T310	
Source of supply for Recycled Asphalt Pavement in accordance with Section 1005	N/A	1/source	T27	
Construction testing for Recycled Asphalt Pavement in accordance with Section 1005	CY (Ton)	1/550 (1/1025)	DMP-16 then T310	

Application	Unit	Minimum Samples / Unit	Test Reference	Notes
Source of supply for Delaware No. 3, No. 8, No. 10, and No. 57 Stone in accordance with Section 1004	N/A	1/source	T27	
Source of supply for Channel Bed Fill in accordance with Section 1006	N/A	1/source	T11, T27	
Bituminous Pavements				
Bituminous pavement vendor's asphalt cement in accordance with Section 1012	Pint	1 per each grade of binder to be used in that day's production	R92,T48, T228, T240, T316, T313, T315, T350	
Bituminous pavement vendor's stockpile aggregate in accordance with 1014	NA	1 time per year per source	T84, T85	
Bituminous pavement vendor's production material in accordance with Section 1014	Ton	In accordance with 401699 and through use of statistically random sampling generator contained within DelDOT's hot mix database software	T312, T166 (Method A), T308, T209, T30	1. Testing comes from DMP-15. 2. Results entered onto DMF-30 and DMF-26.
Bituminous pavement in-place compaction testing in accordance with 401699	Ton	In accordance with 401699 and through use of statistically random sampling generator contained within DelDOT's Road Wizard software	T166 (Method A)	1. Testing is included in DMP 15. 2. Results entered onto DMF 37.
Ready-Mix Concrete				
Concrete vendor's stockpile coarse aggregate in accordance with Section 1022	NA	1 per month per source	T27	Sampling size comes from DMP 3.
Concrete vendor's stockpile fine aggregate in accordance with Section 1022	NA	1 per month per source	T27	Sampling size comes from DMP 3.
Concrete vendor's non-potable water in accordance with Section 1021	NA	1 per week	ASTM C1602 and ASTM C1603 as modified by Section 1021	Potable water may be used without testing.
Concrete vendor's cement material in accordance with Section 1020	NA	1 per month per source	T137, T105, ASTM C1038, ASTM C1437, T106, T129, T153, T107, T154, T105	1. Testing is included in DMP 9 2. Testing will be based on cement material supplier. DelDOT will test sampled cement at a rate of one test per supplier per month.
Concrete vendor's blended hydraulic cement material in accordance with Section 1020	NA	1 per month per source	T105, ASTM C1038, T192, T153, T107 except as modified by M240, T131, T137 except as modified by M240, ASTM C1437, T106, T129, T133	1. Testing is included in DMP 9 2. Testing will be based on blended hydraulic cement material supplier. DelDOT will test sampled blended hydraulic cement at a rate of one test per supplier per month.
Concrete vendor's fly ash material in accordance with Section 1020	NA	1 per month per source	ASTM C1437, T106 modified per DMP 9, T107 modified per DMP 9, T133, M295, T105	1. Testing is included in DMP 9 2. Testing will be based on fly ash material supplier. DelDOT will test sampled fly ash at a rate of one test per supplier per month.

Application	Unit	Minimum Samples / Unit	Test Reference	Notes
Concrete vendor's ground granulated blast furnace slag material in accordance with Section 1020	NA	1 per month per source	ASTM C1437, T106, M302, T133, T192, T153 except as modified by M302, T105 except as modified by M302, T137 except as modified by M302, T105	1. Testing is included in DMP 9 2. Testing will be based on ground granulated blast furnace slag material supplier. DelDOT will test sampled ground granulated blast furnace slag at a rate of one test per supplier per month.
Concrete vendor's silica fume material in accordance with Section 1020	NA	1 per month per source	M307	1. Testing is included in DMP 9 2. Testing will be based on fly ash material supplier. DelDOT will test sampled silica fume at a rate of one test per supplier per month.
Concrete production for PCC Barrier (i.e. Section 723) in accordance with Section 1022	CY	1/500	T119, T309, T152 or modified AASHTO T196, T22	
Concrete production for all Class A concrete in accordance with Section 1022	CY	1/100	T119, T309, T152 or modified AASHTO T196, T22	
Concrete production for all Class B concrete for structures (i.e. Section 610) in accordance with Section 1022	CY	1/100	T119, T309, T152 or modified AASHTO T196, T22	
Concrete production for Class B pole bases (Section 834), Class A drilled shafts (Section 606), and Class A foundations for Breakaway I-Beam Signs (Section 820) in accordance with Section 1022	CY	1 per production day or 1/25	T309, T152 or modified AASHTO T196, T22, ASTM C1611	
Concrete production for all other Class B concrete and all Class B/SF concrete in accordance with Section 1022	CY	1/500	T119, T309, T152 or modified AASHTO T196, T22	
Concrete production for all Class C concrete in accordance with Section 1022	CY	1/1000	T119, T309, T152 or modified AASHTO T196, T22	
Concrete production for all Class D concrete in accordance with Section 1022	CY	1 per production day or 1/100	T119, T309, T152 or modified AASHTO T196, T22, T277	
Concrete production for all Class Rapid-Set concrete in accordance with Section 1022	CY	1/100	T119, T309, T152 or modified AASHTO T196, T22, T325	
Latex-Modified Concrete overlays on concrete deck surfaces in accordance with Section 1046	CY	1/100	T22	
Polyester Polymer Concrete overlays on concrete deck surfaces in accordance with Section 1046	No testing			
Modified Class D Concrete overlays on concrete deck surfaces in accordance with Section 1046	CY	1/100	T119, T309, T152 or modified AASHTO T196, T22, T277	

Date Last Modified: 7/30/2026

Application	Unit	Minimum Samples / Unit	Test Reference	Notes
Ultra-High Performance Concrete in accordance with Section 1025	CF	1/675	T22	
Pre-blended packaged cementitious material in accordance with Section 1023	CY	1/100	T119, T309, T152 or modified AASHTO T196, T22	
Concrete pavement cores	NA	Section 501.3.12	T148	
Precast Concrete Elements				
Concrete production testing in accordance with Section 1022	CY	Initial batch per contract and at a minimum of each 50 cubic yards thereafter for DelDOT production	T119, T309, T152 or modified AASHTO T196, T22	The testing may either be performed by or witnessed by DelDOT.
Precast concrete vendor's non-potable water in accordance with Section 1021	NA	1 per week per production	ASTM C1602 and ASTM C1603 as modified by Section 1021	Potable water may be used without testing.
Precast concrete vendor's cement material in accordance with Section 1020	NA	1 per month per source per production	T137, T105, ASTM C1038, ASTM C1437, T106, T129, T153, T107, T154, T105	1. Testing is included in DMP 9 2. Testing will be based on cement material supplier. DelDOT will test sampled cement at a rate of one test per supplier per month.
Precast concrete vendor's blended hydraulic cement material in accordance with Section 1020	NA	1 per month per source per production	T105, ASTM C1038, T192, T153, T107 except as modified by M240, T131, T137 except as modified by M240, ASTM C1437, T106, T129, T133	1. Testing is included in DMP 9 2. Testing will be based on blended hydraulic cement material supplier. DelDOT will test sampled blended hydraulic cement at a rate of one test per supplier per month.
Concrete vendor's fly ash material in accordance with Section 1020	NA	1 per month per source per production	ASTM C1437, T106 modified per DMP 9, T107 modified per DMP 9, T133, M295, T105	1. Testing is included in DMP 9 2. Testing will be based on fly ash material supplier. DelDOT will test sampled fly ash at a rate of one test per supplier per month.
Precast concrete vendor's ground granulated blast furnace slag material in accordance with Section 1020	NA	1 per month per source per production	ASTM C1437, T106, M302, T133, T192, T153 except as modified by M302, T105 except as modified by M302, T137 except as modified by M302, T105	1. Testing is included in DMP 9 2. Testing will be based on ground granulated blast furnace slag material supplier. DelDOT will test sampled ground granulated blast furnace slag at a rate of one test per supplier per month.
Concrete vendor's silica fume material in accordance with Section 1020	NA	1 per month per source per production	M307	1. Testing is included in DMP 9 2. Testing will be based on fly ash material supplier. DelDOT will test sampled silica fume at a rate of one test per supplier per month.
Precast concrete vendor's stockpile coarse aggregate in accordance with Section 1022	NA	1 per month per source per production	T27	Sampling size comes from DMP 3.
Precast concrete vendor's stockpile fine aggregate in accordance with Section 1022	NA	1 per month per source per production	T27	Sampling size comes from DMP 3.
Reinforced Concrete Pipe				
Reinforced concrete pipe vendor's stockpile coarse aggregate in accordance with Section 1022	NA	1 per month	T27	Sampling size comes from DMP 3.

Application	Unit	Minimum Samples / Unit	Test Reference	Notes
Reinforced Concrete pipe vendor's stockpile fine aggregate in accordance with Section 1022	NA	1 per month	T27	Sampling size comes from DMP 3.
Concrete production testing for round pipes that are 66" diameter and larger and elliptical pipes that are 53" x 83" and larger in accordance with Section 1022	NA	The initial piece and each 25 pieces thereafter	T119, T309, T152 or modified AASHTO T196, T22	The testing may either be performed by or witnessed by DelDOT.
Cage reinforcement area for round pipes that are 66" diameter and larger and elliptical pipes that are 53" x 83" and larger	NA	The initial piece and each 25 pieces thereafter	NA	
Reinforced concrete pipe vendor's non-potable water in accordance with Section 1021	NA	1 per week per production	ASTM C1602 and ASTM C1603 as modified by Section 1021	Potable water may be used without testing.
3-Edge Bearing Test	NA	1 piece of each size and class of pipe per year	T280	DelDOT will witness this test
Pavement Markings				
Applied pavement marking retroreflectivity	NA	All	ASTM E1710, ASTM E2177, ASTM E2302, ASTM E2832	Performed upon request.
Tack Coat				
Construction testing for tack coat in accordance with Section 1011	NA	1/location/contract	T59, T49, T44, T50, T51, T53, T111, T301, T382	