

Modified Minimum Sampling Guide (MSG) for Greenways and Multi-Use Paths

9-17-13

MSG Group	How Accepted	Additional Requirements	Other
Aggregate	Must come from a plant on the NCDOT Approved List and participating in the Aggregate Quality Control/Quality Assurance Program.	Roadway Assurance is Optional for Aggregate Base Course	92% (Nuclear or Conventional) for Aggregate Base Course
Asphalt	Must come from a plant on our approved list and participating in the NCDOT Quality Management System; Must use a NCDOT Approved Mix Design and Job Mix formula that has been used on a NCDOT project.	610-9 revised mix per QMS	Compaction – 85% every 5,000 ft., minimum of one per project
Cementious Materials	Must come from a NCDOT approved source; Type 3 certification		
Concrete (Class B only)	Must come from a concrete plant on the NCDOT Approved List. Must use a Concrete Mix Design that has been used on a NCDOT project. Project specific mix approval is not required.	Minimum of one set of cylinders per project to test compressive strength	All other classes per Standard MSG
Fencing Materials	Type 6		Buy America
Grading	N/A (Sampling and /or Visual)	Visual Inspection plus minimum of one embankment density and one subgrade density per project	Embankment 90%, subgrade 92%
Guardrail	Must come from plant on the NCDOT Approved List	Guardrail marking should be visually inspected to ensure that it came from NCDOT approved source	Buy America
Landscape	Type 6 Certification		
Paints and Coatings	Type 3, Type 4, Type 6		

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Pipe	Drainage – NCDOT Approved Plant, NCDOT stamped, tagged, sticker. Water/Sewer Type 3 certification or Type 6	Product markings should be visually inspected to ensure that it came from NCDOT approved source	Buy America
Precast	Must come from a NCDOT Approved Plant. NCDOT stamped, tagged or stickered; For Incidental items only need Type 6	Product marking should be visually inspected to ensure that it came from NCDOT personnel	Buy America
Prestress	Must come from NCDOT Approved Plant and be NCDOT stamped	Field Inspection Report conducted at plant by NCDOT personnel	Buy America
Steel	Various req. NCDOT Approved Producers, Type1, Type 3, Type 4, Type 6		Buy America
Traffic Control	Type 3, Type 4, Type 7		
Utilities	Type 3, Type 6		Buy America