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AASHTO TYPE 4/NCDOT STANDARD BEAD - DOUBLE DROPPED GLASS BEADS:
(12-07-21) (Rev. 01-12-22)

Description

This work will consist of applying NCDOT approved standard glass beads along with the application of AASHTO Type IV glass beads on extruded thermoplastic and polyurea pavement markings. Use NCDOT standard glass beads that are on the NCDOT Approved Products List and conform to Sections 1087 and 1205 of the *Standard Specifications*. Except for gradation requirements, AASHTO Type IV glass beads shall meet the same *Standard Specifications* and shall contain 80% true spheres. An independent lab test is required for both categories of glass beads before application.

Application

This combination of glass beads shall be applied concurrently. Two separate passes over the pavement marking binder are not allowed. Extruded thermoplastic shall contain intermixed glass beads conforming to *Standard Specifications*. Glass beads should be applied at the manufacturer's rate to meet the retroreflectivity requirements below within 30 days after final application.

MINIMUM REFLECTOMETER REQUIREMENTS FOR AASHTO Type IV/NCDOT Standard Glass Beads		
Item	Color	Reflectivity
AASHTO Type IV/NCDOT Standard Glass Beads	White	450 mcd/lux/m ²
	Yellow	350 mcd/lux/m ²

Measurement and Payment

No separate measurement or payment will be made for meeting the requirements of this Special Provision. All costs for this work shall be included in the contract unit price bid for the extruded thermoplastic and polyurea pavement markings item(s) in the contract.