**Special Note for Lane Separator Curb**

1. **DESCRIPTION**

Except as provided herein, perform all work in accordance with the Department's Standard Specifications, interim Supplemental Specifications, Standard and Sepia Drawings, and Special Notes and Special Provisions, current editions. Article references are to the Standard Specifications. This project shall consist of furnishing all labor, equipment, materials, and incidentals for the following:

(1) Maintaining and Controlling Traffic; (2) Installing Lane Separator Curb; and (3) All other work specified in the Contract.

1. **MATERIALS**

All materials shall be sampled and tested in accordance with the Department's Sampling Manual and the materials shall be available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing unless otherwise specified in these Notes.

1. **Maintain and Control Traffic.** See Traffic Control Plan.
2. **Lane Separator Curb.** Furnish a raised traffic separator curb guidance system which includes modular longitudinal curb sections, transition end sections, and upright delineator posts/panels. The longitudinal units of the Lane Separator Curb system shall interface with each other to form a continuous longitudinal channelizing system. The design of the system shall allow a radius or curve as needed by roadway geometry.The complete system shall be compliant with NCHRP 350 or MASH. Manufacturer’s documentation validating this compliance shall be provided to the Engineer prior to installation.System color shall match the adjacent pavement marking color.
	1. **Longitudinal Units.** The longitudinal units shall have a mountable design to allow for emergency vehicle crossovers. The longitudinal units shall be designed to allow for cross drainage under the units. Individual units of the system shall have a minimum length of 40 inches, maximum height of 4 inches and maximum width of 12 inches. The longitudinal base shall include retroreflective markings to match the system color. At least one upright post is required for each longitudinal curb unit.
	2. **Upright Posts.** Upright posts shall be a minimum of 26 inches in height and a minimum of 2 inches in width. Upright posts are to be uniformly spaced at intervals no greater than 44 inches along the system. Post color should match the longitudinal curb unit and adjacent pavement marking color. Each post shall have retroreflective markings of color matching the post, longitudinal system, and adjacent pavement marking. Upright posts should be easily replaceable under traffic conditions and shall be fabricated to withstand repeated impacts and return to a complete upright position with minimal maintenance to the unit.
3. **CONSTRUCTION METHODS**
4. **Maintain and Control Traffic.** See Traffic Control Plan.
5. **Site Preparation.** Be responsible for all site preparation including, but not limited to: clearing and grubbing, staking, excavation, backfill,and removal of obstructions or any other material not covered by other items. Perform site preparation only as approved or directed by the Engineer.
6. **Lane Separator Curb.** Assemble and fasten the lane separator curb system to the underlying pavement or bridge deck according to the manufacturer’s recommendations.

1. **Property Damage.** The Contractor shall be responsible for all damage to public and/or private property resulting from the Contractor’s activities. Repair or replace damaged roadway features in like kind materials and design as directed by the Engineer at no additional cost to the Department. Repair or replace damaged private property in like kind materials and design to the satisfaction of the owner and the Engineer at no additional cost to the Department.
2. **Caution.** The information in this proposal and the type of work listed herein are approximate only and are not to be taken as an exact evaluation of the materials and conditions to be encountered during construction; the bidder must draw his/her own conclusions when developing the Unit Bid Prices for each bid item. As such, if the conditions encountered are not in accordance with the information shown, the Department does not guarantee any changes to the Unit Bid Prices nor extension of the contract will be considered. The Department will pay for bid item quantity overruns, but only if pre-approved by the Engineer.
3. **METHOD OF MEASUREMENT**
4. **Maintain and Control Traffic.** See Traffic Control Plan.
5. **Site Preparation.** Other than the bid items listed, the Department will NOT measure Site Preparation for payment, but shall be incidental to the project bid items.
6. **Lane Separator Curb.** The Department will measure Lane Separator Curb in Linear Feet.
7. **BASIS OF PAYMENT**
8. **Maintain and Control Traffic.** See Traffic Control Plan.
9. **Lane Separator Curb.** The Department will make payment for the completed and accepted quantities of Lane Separator Curb. Payment at the Contract unit price per linear foot shall be full compensation for furnishing all materials, equipment, tools, hardware, labor, and incidentals necessary to properly install the Lane Separator Curb according to the manufacturer’s installation instructions, these notes, and/or as directed by the Engineer.