Index 520-020 Traffic Separators

Design Criteria

AASHTO A Policy on Geometric Design of Highways and Streets, Fourth Edition, 2001 (AASHTO Green Book)

Design Assumptions and Limitations

For Roadway installations see ***FDM 215***, ***FDM 212***, and the ***FDOT Median Handbook***. For non-standard width or variable width traffic separators project specific details for a "Special Traffic Separator" are required in the Plans.

Bridge mounted Traffic Separators are intended to match up geometrically with adjacent roadway Traffic Separators. They are essentially the same as roadway Traffic Separators but with the addition of reinforcing steel to limit cracking caused by shrinkage and deflection of the bridge deck due to live load.

Plan Content Requirements

Summary Boxes:

Summarize the *Summary of Curb & Gutter and/or Traffic Separators*, see ***BOE, Chapter 8***.

In the Roadway Plans:

Detail and label the traffic separator in Plans Views, Typical Sections where applicable, and other sheets as required. Call-out the begin/end stationing, the "Type" (i.e. Type I, II, IV, or V), if applicable any "Option" restriction/requirement (i.e. Option I or Option II), and width.

In the Structures Plans:

Detail and label the Traffic Separator on the Plan and Elevation, Typical Section and Superstructure sheets, and other sheets as required. Specify the same shape Traffic Separator (Type "E" or "F") as is used on the roadway approach. Include cross references to ***Index 520-020***.

Estimated concrete quantities and reinforcing steel lists are not required.

Payment

Item number	Item Description	Unit Measure
520-5-AB	Concrete Traffic Separator	LF
520-70	Concrete Traffic Separator, Special- Variable Width	SY

See the ***BOE*** and ***Specification 520*** for additional information on payment, pay item use and compensation.