# Index 302 Traffic Separators

## Design Criteria

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

## Design Assumptions and Limitations

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

In the Structures Plans:

In the Materials Note on the General Notes sheet, specify the use of Class NS concrete meeting the requirements of ***Specifications*** Section 347.

Show 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 ***Design Standards*** Index 302.

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 |