GENERAL NOTES:


This barrier has been successfully evaluated by full-scale crash test to meet NCHRP 16 requirements for Test Level 4.

Design Loads:

- Dynamic Load (for barrier Design) = 80
- Dynamic load is based on NCHRP 20-01395
- NCHRP Report 350 - Approved Bridge Railings
- Equivalent Static Load (for footing design) = 28

Footing design is based on NCHRP Report 663.

- All concrete shall be Class "S" F = 4000 psi.
- Reinforcing steel shall conform to ASTM Specification 4615. All reinforcing steel shall be furnished as Grade 60. All reinforcing shall be epoxy coated at locations above an elevation of 4000 feet.

- All bars and hooks shall meet the requirements of AASHTO LRFD Articule 5.10. All bend dimensions for reinforcing steel shall be out-to-out of bars. All placement dimensions for reinforcing steel shall be center to center of bars, unless noted otherwise. All reinforcing steel shall have two inch clear cover unless noted otherwise.
- Concrete barriers on continuous superstructures shall have a bituminous joint filler in open joints over piers.
- Exhibit 1/2", Bridge Number and Year Built, using 1/2" x 2" number impressions in concrete, located as shown at the approach end of the outside lane.
- Anchorages bars are included in the pay item for the barrier filler No. 601150.
- Offset bridge barrier transition when concrete barrier is continuous beyond bridge.
- Dimensions shall not be scaled from drawings.

AC OVERLAY NOTE:

This barrier was designed to allow for the concrete deck to receive an AC overlay with a thickness not exceeding 2 inches.