

**NC-DOT
Project Services Unit
Preliminary Estimate Section**

September 18, 2006

**Memo To: John Permar, PE
Traffic Ops. & Investigation Consultant**

**From: Doug Lane
Preliminary Estimate Engineer**

Subject: Construction Cost Per Linear Foot (Short Sections) and Gap Closings (Per Location).

MEDIAN SAFETY PROJECTS

MEDIAN SAFETY BARRIERS	SHORT SECTIONS (Less than 0.5 Miles)	GAPS (50' to 150' / Location)
Cable Guiderail (1-line)	\$32 / LF (\$169,000 / Mile)	\$7,300 / Location
Single Face Guardrail (2-Lines)	\$64 / LF (\$338,000 / Mile)	\$12,200 / Location
Double-Faced Guardrail (Strong Post)	\$74 / LF (\$391,000 / Mile)	\$13,600 / Location

**Note: Short sections were based on 0.25 miles (1,320 LF)
Gaps were based on 100 LF per Location, and assumed 10 Locations per Division.
Traffic Control (Lane Closures), Miscellaneous & Mobilization 25%, and Engineering
and Contingencies 15% are included in all costs shown.**