

Design Standards Letter

Letter Number: **G-1991-05**

Letter Date: **04/17/1991**

Effective Date: **04/17/1991**

Section/Plan No.: **None**

Subject: **Grading Quantities**

Body

Please indicate on the plan B sheets the quantity of excavation, borrow, or embankment necessary to construct the two-foot shoulder extension behind guard rail and the quantity to construct the extension and tapers for the breakaway cable terminal. These quantities can be included in the normal excavation, borrow, or embankment total quantity but should be listed separately to aid the contractors and our estimators in determining project costs.

This change is effective immediately. Separate quantity listing should be provided on all plans submitted for letting which contain guard rail with BCT's.