

Bond Rate Guidelines for 2005

Bond rate guideline calculations were completed using the previously established procedure. The data used was for the contracts for the 2001 through 2003 contract years. Weighted averaging was used.

The following table summarizes the new guidelines and provides a comparison with the previous guidelines:

	Unit	BRG 8/01	2003 BRG	2004 BRG	Proposed 2005 BRG
Grading1	Yd	\$0.50	\$0.55	\$0.55	\$0.55
Grading2	Yd	\$0.80	\$0.80	\$0.80	\$0.80
Select Grading	Acre	\$625.00	\$800.00	\$875.00	\$985.00
Reveg	Acre	\$1,000.00	\$1,160.00	\$1,210.00	\$1,250.00
Trees	each	\$0.15	\$0.15	\$0.15	\$0.15
Ditch Ex	Yd	\$3.19	\$4.50	\$4.50	\$4.25
Jute	sq yd	\$1.62	\$2.00	\$2.00	\$2.20
HV Erosion	sq yd	\$1.71	\$2.40	\$2.40	\$2.00
R3	sq yd	\$16.00	\$16.00	\$18.50	\$18.00
R4	sq yd	\$16.14	\$20.00	\$19.50	\$18.00
R5	sq yd	\$20.00	\$18.50	\$19.00	\$17.00
Geotex	sq yd	\$0.75	\$1.50	\$2.50	\$2.75
PVC lining	sq yd	\$5.38	\$8.00	\$11.00	\$9.50
Subdrain	foot	\$7.75	\$15.00	\$16.00	\$13.25

The calculations resulted in increases in the Bond Rate Guidelines for Select Grading, Revegetation, Jute Matting and geotextile lining. The most significant increases are in the select grading and revegetation.

For the 2003 contract year there were three contracts which included select grading for a total of 27 acres. The three-year average resulted in an amount of \$1094. Additional calculations were done using a four-year and five-year average. These calculations both resulted in an average of about \$985. Therefore, this number was used.

Revegetation costs increased by \$40 per acre. Some contracts are bid on a per acre basis and others are broken down into the components of the planting (e.g. seed, mulch, fertilizer). Generally the contracts bid on a per acre basis had a higher cost.

The analysis of the grading costs shows a similar pattern to previous years with peaks at \$0.50 per yard and \$0.60 per yard and a cluster around \$0.80 per yard. Therefore these rates will remain the same.

The calculations resulted in decreases in the Bond Rate Guidelines for Ditch Excavation, High Velocity Erosion Blankets, R3, R4 and R5 stone placement, PVC lining and Subdrain installation.

An analysis was done of the 2003 bids Mobilization and Demobilization costs. This analysis resulted in an average of 3.96%. The minimum was 0.15% and the maximum was 32%.