Warranty Erosion Control

88th Annual Road School

Bob McCullouch

Current JTRP Research Project

• Special Provision Developed
  • Warranty period is minimum of 24 months, two successive spring/summer seasons.
  • Two inspections and percentage of coverage required.
  • Sodding and Seeding must obtain 85% ground cover.
  • Warranty Bond required.
  • Appeal Procedure.
  • Erosion requirements.
  • Remediation specified.
  • Conflict Resolution – Digital Inspection tool
  • Method of Payment
Applied to Three Projects


SR 238 Project

- Completed in 2000
- First Inspection, June 2001
Digital Inspection Tool

- Digital Camera Images.
- Software that converts the image into RGB values.
- Program that calculates percentage of green.
- Developed guidelines and inspection procedures.
Digital Vegetation Program