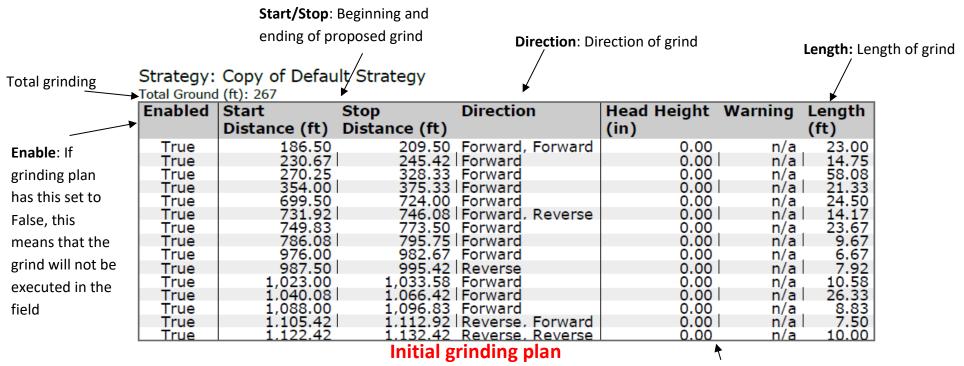
## What to look for in a grinding plan

- Step 1: Contractor provides a copy of the initial grinding plan to TDOT project engineer.
- Step 2: Project engineer checks over the initial grinding plan for over grinding and saves a copy. Each griding pass removes approximately 1/8 inch of material. The following four scenarios show the grinder grinding over the same spot two times when executed in the field. These four scenarios indicate direction of grind.
  - Forward, Forward
  - Forward, Reverse
  - Reverse, Forward
  - Reverse, Reverse

Two grinding passes over the same area is allowable during the initial griding plan stage. Two grinding passes removes approximately 0.25 inches of material.



**Head Height and Warning**: Ignore. The way Proval calculates a new elevation will trigger false warnings

- Step 3: Once the initial grinding plan is executed in the field, and if smoothness specification is met, nothing else is needed and project is completed. If more grinding is still needed, proceed to Step 4.
- Step 4: Contractor provides a copy of second grinding plan to the project engineer. If we get to this stage, we need to check the second grinding plan against the first plan and compare. We are making sure that areas that had two passes of grinding during the initial griding plan don't have a third pass over that same area, or areas that had one grinding pass don't have more than two grinding passes. Three total passes will approximately remove 0.37 inches of material. Excessive grinding does not equate to a smoother pavement. In most cases, over grinding could make a problem area worse.

## Option during this stage:

- 1. Have the contractor redo their second grinding plan to not include a third grind over the same area, or
- 2. If an area in the second grinding plan needs a third pass, a field visit/investigation may be needed to look at the area in question to see if more grinding is possible, or
- 3. Use engineering judgment

If you have any questions, feel free to contact:

Ulises Martinez | Trans. Proj. Spec. Sr Materials & Tests Division Building A, 1st Floor 6601 Centennial Blvd., Nashville, TN 37243

c. 615-708-5072

o. 615-350-4155