



ENGINEER'S CONSTRUCTION OBSERVATION REPORT

Project: Queen's Gap	Project Number: 2013-002
Contractor: Site Development Corporation	Contact at Site: Jim Worley / Paul
Date: 01-14-2016 Time of Arrival 10:30 am	Weather Conditions: Wet soils, workable.
Notice to Proceed:	Substantial Completion Date:
Previous Rain Days:	Previous Substantial Completion Date:
Rain Days Since Last Report: Total Rain Days:	Current Substantial Completion Date:

Observations & Notes:

Project 3 – The Contractor is working on the slope repairs in Project 3 area. Rip Rap armorment is being placed on the slope areas that previously failed during the heavy rainfall events of December 2015. Soil conditions are very wet in the center section of the larger slope failure section in Project 3.

Project 5 – Work has been performed on the roadway and channel construction for the main roadbed. NAG SC 250 rolled erosion control product is being installed with rock check dams at various intervals as needed.

Please see the items noted below for erosion control maintenance and schedule work at this time.

- **Discussed channel construction and rock check dam construction and required erosion and sedimentation control issues with Jim Worley. Construct ditch lines to one-foot minimum depth project wide. Construct rock check dams to plan standards. Remove accumulated sediment from ditch lines and areas where sediment has accumulated from past rain events.**
- **Restore all catch basins inlet protection devices to working condition. Many catch basin inlet protection devices have failed and sediment is entering drainage structures with discharge to drainage areas below.**

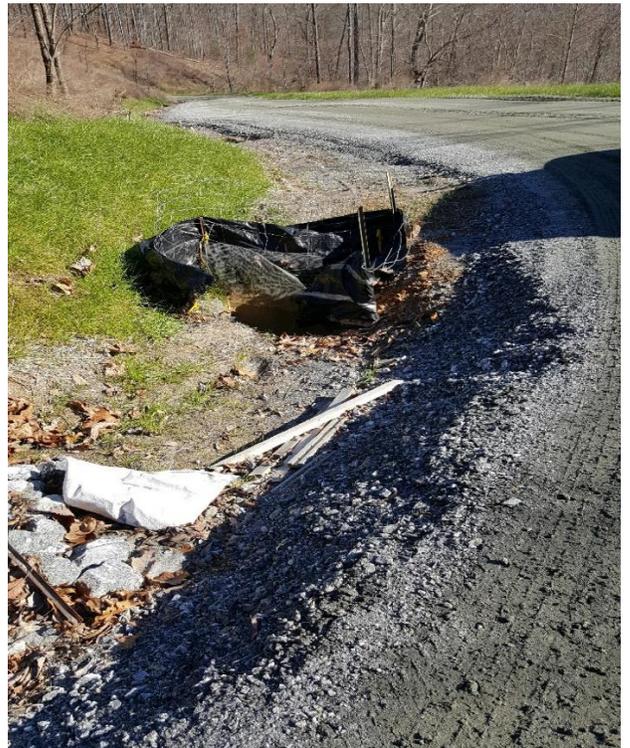
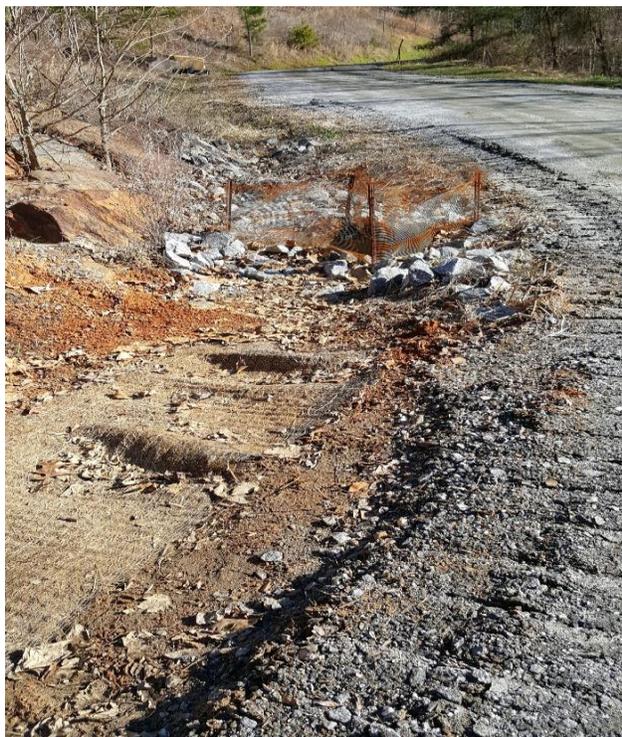
EROSION CONTROL REQUIREMENTS:

- **Remove sediment accumulations in all areas such as drainage channels, check dams, wattles and areas where sediment has migrated from rainfall events.**
- **Repair and/or replace rock check dams that have accumulated sediment to capacity.**
- **Restore all catch basins to working order. Repair inlet protection and restore all to working condition. Prevent sediment from entering catch basins all areas.**
- **Re-vegetate all disturbed areas by seeding, mulching and or matting.**

T&K Construction was not on site at time of inspection. Waterline installation remains to be completed in Ph. 3.

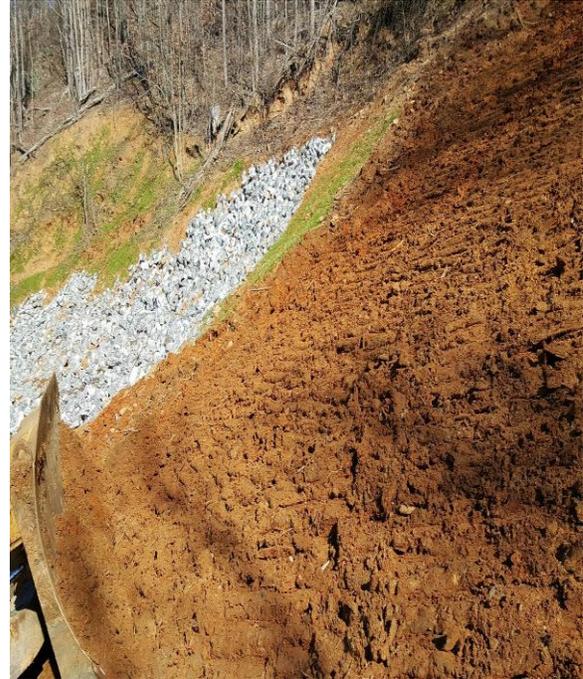


Channel and Inlet repairs needed.





Project 3 area – Smaller section of repair.



Project 3 area – larger section of repair.



Project 3 area – larger section of repair.



Project 3 area – larger section of repair.