Geotechnical/Geology Maintenance Requirements Regarding Licensed Professionals:

MAINTENANCE REPAIR DRAWINGS, PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, OR CALCULATIONS REQUIRE A LICENSED PROFESSIONAL FOR THE FOLLOWING:

- Final geotechnical reports depicting subsurface conditions
- ODOT quarry development plans
- Retaining Walls: New construction or structural repairs to retaining walls greater than 4 feet high measured from the base of the footing to the top of the wall and any wall with a surcharge load[1].
- New construction or structural repairs to sound walls
- New construction or structural repairs to poles, masts, and towers.
- Structure foundations for bridges, viaducts, pumping stations, sound walls, buildings, large culverts, etc
- New construction or non-localized repair when steepening a slope that is greater than 4 feet in height.
- New rock slope design or new rockfall mitigation
- Permanent landside repair designs within the roadway prism

THE FOLLOWING MINOR REPAIR PROJECTS ARE EXAMPLES OF WHEN A LICENSED PROFESSIONAL IS NOT REQUIRED:

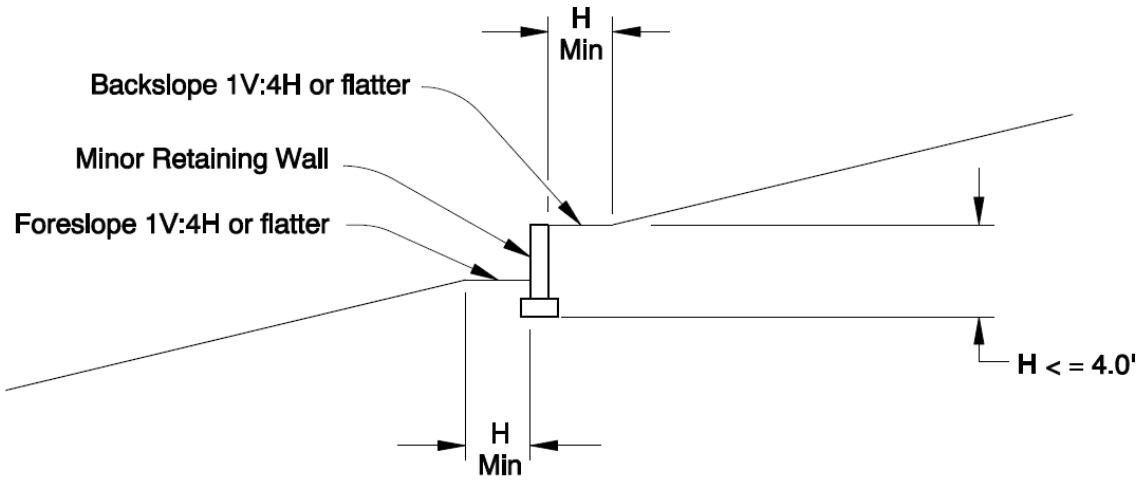
- Temporary protection measures or repair to the roadway that decreases immediate risk to the public
- Temporary emergency detour construction and removal
- Repair or maintenance when steepening a slope that is less than 4 feet in height.
- Routine slope maintenance that does not change or affect the existing slope geometry.
- Minor Walls: Retaining walls without surcharge loads[1] and less than 4 feet high measured[2] from the base of the footing to the top of the wall.
- Shoulder work including the following:
    - Correcting rutted shoulders, restoring the cross section shape, removing build up debris or unwanted vegetation, restoring drainage, and repairing shoulder erosion
- Repair of existing rockfall features

Definitions:

1 - A surcharge load is any load in addition to a 1V:4H slope at the top of the wall and within the area defined by the distance “H” from the top of the wall. Examples may include a structure, building, driveway, fill material, etc. (See Minor Wall Diagram)

2 – The footing is measured from the base of the footing to the top of the wall. (See Minor Wall Diagram for H< = 4.0’)

Minor Wall Diagram:



Decision Meeting Attendees:
Luci Moore, State Maintenance & Operations Engineer
Joe Squire, District 4 Manager
Ace Clark, Assistant District 12 Manager
Paul Wirfs, Geo-Environmental Section Manager (Interim)

Decision Meeting Date: 12/07/2012

Note:

This was shared with and accepted by the Geo/Hydro Leadership Team during their meeting on February 5, 2013.