

Call 01 Emergency Slide Repair on SR 178 approximately 0.66 miles south of CR 121, known as Federal Aid Project No. STBG-2906-00(008) / 110153301 in Union County.

- Q1. Special Provision 907-825 (Soil Nail Retaining Walls) repeatedly references "the Plans" for information the bidder/designer is required to use — including the recommended soil design parameters (907-825.01.3.2), the wall envelope, and soil nail, micropile, grouted-column, and test-nail locations. However, the proposal does not include a geotechnical report or any subsurface data, and the only drawings provided are a typical section and the traffic-control/detour sheets. Does MDOT have a geotechnical report (or any subsurface investigation, boring logs, or recommended soil/design parameters) for this site? If so, please provide it, or advise where bidders may obtain it, prior to bid. If no geotechnical data is available, please confirm that the Contractor's design-build engineer is to establish all subsurface design parameters at the Contractor's risk, so that bids can be prepared on a consistent basis.
- A1. There is no geotechnical information available for this site. The Contractor is to establish the necessary subsurface design parameters required for their soil nail wall system in accordance with Special Provision No. 907-825-3.
- Q2. The typical section included in the contract documents (Notice to Bidders No. 8055) shows "Flowable Fill" placed behind the soil nail wall. However, there is no separate pay item for flowable fill on the Section 905 bid schedule, it is not specifically identified in the Basis of Payment (Subsection 907 825.06) for Item 0140, Soil Nail Retaining Walls, and no quantity, limits, or mix specification is provided. Given the volume of flowable fill that will be required to backfill behind the wall, we respectfully request that MDOT add a separate contract pay item for flowable fill (for example, measured per cubic yard) by addendum, rather than have it absorbed as an incidental cost in another item.
- A2. Pay Item No. 612-A001, Flowable Fill, Excavatable, was added in Addendum 1. The referenced detail was modified in Addendum 4.
- Q3. **1.)** Are there any soil borings and if not, will borings be required of the wall builder? **2.)** What is the purpose of the flowable fill shown in the sketch? Is it used to reconstruct the slope so that the new soil nail wall can be uniformly installed against a smooth shaped surface?
- A3. **1.)** See Answer 1. Soil borings are not required. **2.)** The flowable fill is used to build-out the shoulder near the top of the soil nail wall.
- Q4. - After excavation of the failed areas, what is the typical section for the new embankment and structure thickness? What items are needed and what item are they paid under? There is not a Borrow or Crushed Stone item. - What thickness is the new Asphalt being put back in the failed area? Is it paid under the Asphalt item?
- A4. See Addendum 4.

Q5. How to get quantities for the project or copy of plans.

A5. Quantities are shown in the Proposal document. This project does not include an official set of construction plans other than drawings included in the Proposal document.