

MEETING MINUTES
ELM STREET ROCK SLIDE, PROGRESS MEETING NO. 6
conducted at the site trailer on Elm Street, Montpelier, VT
Tuesday, February 21, 2006
10:00 a.m. - 11:00 a.m.

Attendance:

Tom McArdle, City of Montpelier	Steven Millard, Golder Associates Inc.
Charlie Pelletier – City of Montpelier	Pete Ingraham – Golder Associates Inc.
David Marcoux, Janod Contractors	Tom Eliassen - VTrans

Topics of Discussion:

1. Choice of Cementitious Material:
 - Tom Eliassen asked if Golder had considered using less expensive ready-mix with conventional concrete forming techniques to construct the footing, the structural wall, or the fill behind the structural wall.
 - Pete Ingraham indicated that ready-mix and conventional concrete forms would not be the best choice considering the high angle access and highly variable terrain that exists at the footing and structural wall areas.
 - Janod and Atlantic Underground Services will submit a proposal using less expensive wet-mix shotcrete instead of currently specified dry-mix shotcrete.
 - Tom McArdle requested Golder prepare a memo outlining the rationale for the use of shotcrete rather than ready-mix.
2. Design Specifications and Drawings:
 - Tom Eliassen requested a copy of the design calculations from Golder upon completion of the final review.
 - VTrans will forward a memo of comments pertaining to the first draft of the design specifications and drawings.
 - Tom Eliassen requested details for shotcrete buttresses.
 - Pete Ingraham suggested that the application of dental shotcrete may be less extensive than the initial estimate.
3. Transition From Slusher to Excavator:
 - David Marcoux estimated that Janod would be done slushing on the NE end of the slide by 2/24/06 and would move the slusher to the SW end of the slide at that time.
 - Dubois Excavation has been contacted and will mobilize an excavator and several dump trucks in order to complete debris removal in the slide area.
 - Tom McArdle requested clarification on the minimum number of operating hours that is included in the slusher day rate.
4. Access to Accommodate the Installation of Tecco Mesh Anchors in Area 3B:

- Steve Millard suggested that Tom McArdle should acquire an easement for the Tecco Mesh anchors that will extend into the property of Ian and Maria Bartram of 11 Cliff St.
 - Steve Millard requested assistance from the City for temporary removal of a section of the fence and installation of a temporary fence at 11 Cliff St. Steve Millard and David Marcoux had received permission from Ian Bartram on 2/20/06 to remove the fence and install a temporary fence to retain pets.
 - David Marcoux requested that the fence activities be completed by the City before 3/3/06.
5. Tecco Mesh Installation in Areas 3A and 3B:
- Pete Ingraham confirmed that the minimum Tecco anchor embedment length into rock shall be 6'.
 - Tom McArdle suggested using conservation mix for reseeding the Tecco Mesh areas.
 - Tom Eliassen requested additional specifications for the Tecco Mesh materials.
6. Permanent Jersey Barriers on Cliff Street:
- Pete Ingraham indicated that the jersey barrier design would not withstand an impact from a large truck.
 - Tom McArdle requested additional jersey barrier design to include pinning from Golder.

Action Items:

1. Pete Ingraham (Golder) will present a 30 minute progress report to the Mayor and the City Council on the evening of 2/22/06.
2. Golder will forward a memo to the City which provides rationale for the choice of cementitious material that will be used to construct the structural wall and the fill behind it.
3. VTrans will forward a memo to Golder which contains comments on the current draft of the specifications and drawings.
4. Golder will review the Tecco mesh design specifications and amend if needed.