

LAKE FORREST DRIVE UPDATE

June 18, 2013

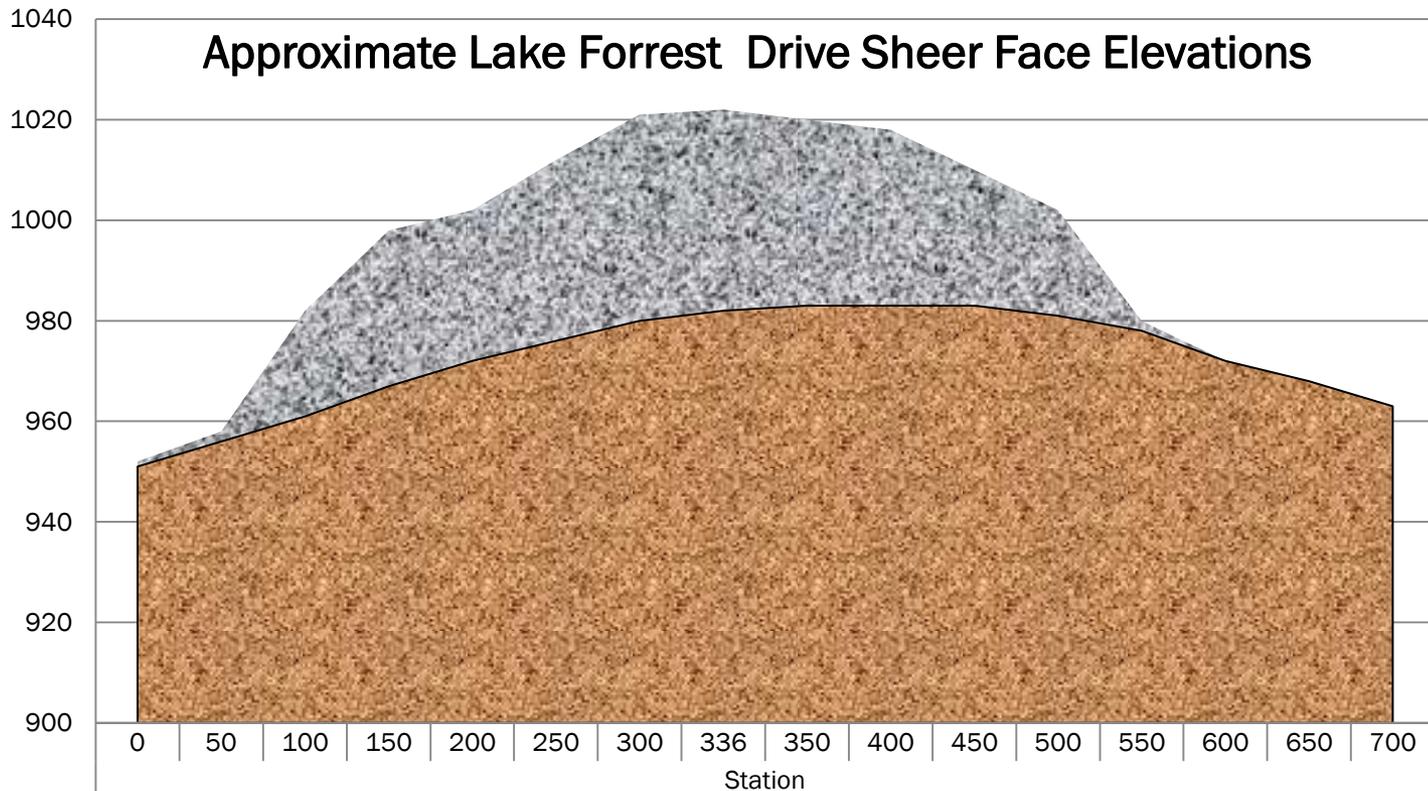


Existing Conditions

2



Preliminary Height Analysis



	0	50	100	150	200	250	300	336	350	400	450	500	550	600	650	700
embankment (X)	952	958	982	998	1002	1012	1021	1022	1020	1018	1010	1002	980	972	967	958
Road (Y)	951	956	961	967	972	976	980	982	983	983	983	981	978	972	968	963

Action To-date

4

- Work Orders – 13 since 2009 for clean-up
 - 8 of the 13 this year alone
- May 24, 2013 – United Consulting NTP for technical review of slope
- May 29, 2013– Jersey barrier installed at location of chronic failure
- June 5, 2013– Mud slide causing road closure
- June 7, 2013– Additional trees removed from top and face of slope
- June 14, 2013– Preliminary report received from United Consulting

Stabilization Options

5

- Lay the Slope Back
- Mechanical Stabilization (wall)
- Combination of Above

United Consulting: Preliminary Soil Report Findings

6

- “Based on the field observations and other evidence, it appears that the existing steep slope sections will not be able to sustain its integrity and stability under current conditions in the long term.”

Recommended Plan of Action

7

- Implement Revised Traffic Control Plan
 - Open Southbound lane of Lake Forrest Drive using barrier wall placed down the center of the road
 - Detour Northbound traffic through Mt. Paran to a signalized intersection
 - Changes lead both north and southbound traffic to signalized intersections, deemed safest alternative
- Proceed with detailed analysis from United Consulting
- Procurement of design consultant
- Move on to construction