

December 16, 2015

Board of County Commissioners of Summit County
0037 Peak One Drive
Frisco, Colorado 80443

Attn: Ms. Kate Berg

Subject: Additional Recommendations
Frisco Transfer Center
1010 Meadow Drive
Frisco, Colorado
Project No. SU01150-125

As requested, we are providing additional geotechnical recommendations for the redevelopment of the Frisco Transfer Center in Frisco, Colorado. We previously provided a Geotechnical Investigation at the site (see report dated November 19, 2015, Project No. SU01150-125).

We met representatives of Summit County in a meeting on December 10, 2015. During the meeting, we discussed several issues. The below information is in addition to recommendations given in our previous report.

- The pavement section thickness of the proposed southwest parking lot at the site can consist of 4 inches of asphalt over 6 inches of aggregate base course. This assumes primarily vehicular traffic with less 10 truck trips per day (plow trucks, garbage trucks, delivery trucks, etc.). Based on subsurface conditions encountered at the site, we do not anticipate that a subexcavation of the subgrade will be necessary at the southwest parking lot. Other parking lots on the site can be designed for the same pavement thickness where expected traffic will meet the above requirements regarding truck trips.
- The geogrid spacing in subexcavated areas should be assumed at the bottom of the subexcavation and 18 inches above the bottom (2 layers of geogrid).
- The pavement section thicknesses given here and in our previous report are calculated based on a 20-year design life and an R-value of 30 for the subgrade. This R-value was assumed based on the variable conditions encountered and our experience.

Please refer to our previous report for recommendations regarding placement and compaction of asphalt, base course and structural fill.

We appreciate the opportunity to work with you on this project. If you have questions or we can be of further service, please call.

Very truly yours,
CTL | THOMPSON, INC.

George Benecke III, P.E.
Division Manager, Summit County

GWB/cj
(2 copies)

cc Kate.Berg@summitcountyco.gov, leinweber@alpinecivil.com,
Robert.Jacobs@summitcountyco.gov