



BOLTON & MENK, INC.[®]

Consulting Engineers & Surveyors

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May 1, 2013

Ms. Kristina Handt
City of Scandia
14727 209th St. N.
Scandia, MN 55073

RE: Traffic Monitoring at Zavoral Sand and Gravel Mine

Dear Ms. Handt,

The purpose of this letter is to detail scope of work and estimated fee to complete ongoing traffic monitoring services consistent with items #27 and #28 of Resolution No. 02-19-13-05 adopted by the City of Scandia on February 19, 2013. The scope of services include:

TASK 1: TH 97 at TH 95 INTERSECTION VIDEO LOG

Upon commencing mining operations, Bolton & Menk will capture a 14-hour video log and turning movement counts at the TH 95/97 intersection including the access to Zavoral site. Bolton & Menk will review data collected and provide a summary of observation to the city and jurisdictional authorities. It is anticipated this work will be completed in the Fall of 2013. Any review requested after the initial review would require additional fee.

Estimated Fee: \$1,600.00

TASK 2: TH 97 and CSAH 1 CORRIDOR SAFETY

Bolton & Menk will request traffic crash data from the Minnesota Department of Public Safety (DPS) database for TH 97 between and including the intersection of CSAH 15 and TH 95 as well as on CSAH 1 between TH 97 and 228th Street. Crash data request will be made through the MnDOT Office of Traffic Engineering twice per year and summarized within 3 weeks of data availability. The data will be summarized and compared semiannually for the October thru March period and April thru September time period. Bolton & Menk provide a summary of findings to the city and jurisdictional authorities.

Estimated Hours and Fee: 10 hours semiannually \$100/hr x 7 time periods = \$7,000.00

The total estimated fee is **\$8,600.00**. Any meetings necessary to discuss data, observations, and/or findings with roadway jurisdictions (MnDOT, Washington County) may require additional fee. Please contact me if you have further questions or wish to discuss this proposal further.

Sincerely,

BOLTON & MENK, INC.

Christopher S. Chromy, P.E., P.T.O.E.
Transportation Services Manager

cc. Ryan Goodman, P.E., City Engineer