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May 9, 2014

Mr. Jerod Kelley
Kansas Department of Transportation
Lawrence Construction Office
1462 US-40 Hwy
Lawrence, KS 66044

**RE: RFC # 014 – Extra Costs for Unsuitable Subgrade 24” Sanitary Material
South Lawrence Trafficway
Job K-8392-04**

Mr. Kelley:

As discussed previously we have encountered an unforeseen condition while installing the 24” sanitary line that was added to the above referenced project by a previous change order. Specifically, there is a perched water condition at or near flow line elevation that combined with the silty clay soils is creating an unstable zone for a depth that extends at least five foot below flow line. We are currently removing 5 – 7 feet of unsuitable material and replacing it with layers of shot rock of varying diameter with the largest rocks being in the bottom and reducing down in size until we cap the stabilization off with SB2. In addition to over excavation and rock stabilization, we are also having to remove significantly more overburden than was previously anticipated due to yielding subgrade will not being able to support multiple stacked trench boxes.

Due to the fact that the information available at the time of pricing this work (SLT Soil Survey) showed no evidence that this condition would exist and given the extent of stabilization required we are asking for additional costs to perform this work.

After meeting with the City of Lawrence department of utilities, it has been agreed upon that ESS will be responsible for the first 1.5’ of depth of stabilization within the trench and the rest will be paid at the unit price of \$72.58 / CY with field measurements of the stabilization being recorded daily. Per the city of Lawrence, this request is to cover stations 20+43 – 45+43 and this request is not to exceed \$181,450.00 for the above referenced station range. Any additional monies or stabilization required outside this station range would require another request.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tyler Myers', is written over a white background.

Tyler Myers
Project Manager