



September 1, 2016

Amy Bryant P.E.
Environmental Engineer
City of Ankeny
220 W 1st Street
Ankeny, IA 50023

RE: 2016 – NE 18th Street Channel Improvements Change Order Items

Dear: Mrs. Bryant

I am providing a detailed explanation of the overages for the above mentioned project as follows:

- Additional top soil was used to cover the entire area during construction, original quantity was an estimate.
- Ditch liner quantity was over plan quantity due to the 3:1 side slopes which was not accounted for in the original design quantity.
- Concrete at headwall was added to prevent stormwater at the outlet pipes from undermining the ditch liner, footings at the headwall extended beyond the outlet which prevented the ditch liner being installed against the outlet as planned.

Furthermore it is my recommendation to not pursue the liquidated damages for the 2 working days over the contract amount as the Contractor spent extra time at the beginning of the project dealing with unexpected utility issues.

Please feel free to contact me at 515-964-5310 if you have further questions.

Sincerely,

Daniel Sturm, P.E.
Project Manager
JEO Consulting Group