

C2 ENGINEERS, LLP
DESIGNING HIGHER STANDARDS

October 4, 2013

Mr. Gary Weinard
Vermilion County Board Chairman
6 North Vermilion St.
Courthouse Annex – 3rd Floor
Danville, IL 61832

SUBJECT: Nursing Home Sanitary Sewer

Dear Mr. Weinard:

It has come to our attention that construction of the new sanitary sewer for the nursing home formerly owned by Vermilion County is not in compliance with various project requirements. These non-compliant issues are outlined below.

1. The connection to manhole 1 does not meet the specifications. It has been sealed with spray foam.
2. Manhole 2 is not near its proposed location and appears to have fittings on the sewer outside of the manhole.
3. Manhole 3 is not constructed per plan or in the plan location.
4. Fittings appear to have been used on the pipe to connect the existing sewer line to MH3.
5. The existing manhole near MH 3 was not removed as per plan.
6. Deviations from plan such as those in items 1-5 necessitate submittal of a new or revised permit to IEPA. Unfortunately, we do not believe that it is possible to obtain a revised IEPA permit/new based upon as-built conditions.

Prior to Final Acceptance of the Sewer

7. Sanitary sewers shall be mandrel tested at least 30 days after installation.
8. All new manholes shall be vacuum tested in accordance with the specifications.
9. All new sewers shall be subjected to low pressure vacuum testing.
10. The connection to Tilton's manhole should be inspected and approved by a Village representative. An agreement for the billing rate for the sewer usage should be reached with the Village of Tilton.

It is not in anyone's benefit to leave the project as constructed. It creates a maintenance burden for the new owner of the nursing home and the Village of Tilton. After twenty years of discussion this project has finally come to fruition and we would like to see it completed in a way that reflects positively on Vermilion County and our business.

Sincerely,



Sam D. Cole, PE
C2 Engineers, LLP
PO Box 108
Danville, IL 61834
scole@c2engineers.com