



Memorandum

To: Don Nolte, Engineering Operations Manager – Town of Cheshire

From: John M. Milone, PE

Date: January 21, 2021

Subject: Tri-Star Development
Overview of Project Modifications with Respect to Sanitary Sewers
SLR #141.16731.00001.001

The above project has previously received both feasibility and final approvals from the Cheshire Water Pollution Control Authority for sanitary sewer service. The current project is very similar to the development that received feasibility approval from the Authority on April 24, 2020. The overall master plan for the project has been modified to eliminate a portion of the proposed public roadway and includes slightly more commercial development in the northeastern portion of the site than previously contemplated.

From a sanitary sewer perspective, the approach to providing service to the site still includes a series of gravity sewers directed to a new pump station that will be connected via force main to the town's existing pump station on West Johnson Avenue. The current plan calls for the proposed pump station to be located in a slightly different location, in the southwestern portion of the site in close proximity to Dickerman Road. This revision has been made as it represents a more efficient sewer design, eliminating redundant gravity and force main sewers, and providing a pump station location in much closer proximity to an existing public roadway for more convenient access.

The gravity sewers continue to be designed to allow not only for servicing the subject property but to permit a future connection for the vacant land along the east side of Route 10 north of Interstate 691 and for the vacant land on the west side of Dickerman Road.

We have previously provided for your review the current design plans for both on-site gravity sewers, pump station, and force main from the proposed pump station via Dickerman Road to the existing West Johnson Avenue pump station. We look forward to meeting on Friday to discuss the project in greater detail and to answer any questions you may have.

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