



"The Bedding Plant Capital of Connecticut"

TOWN OF CHESHIRE

Department of Public Works and Engineering
84 South Main Street, Cheshire, Connecticut 06410
Phone: 203-271-6650 Fax: 203-271-6659

MEMORANDUM

To: WPCA
From: Don Nolte, Engineering Operations Manager
RE: Engineering Staff Comments on Pending Feasibility Application Reviews
Date: December 11, 2020
CC: George Noewatne; Dennis Divert; Scott Hallier

The following are additional staff comments on the pending application items listed on the December 17th WPCA agenda. These comments are made to supplement the review comments of Wright-Pierce.

Agenda Item 4. Applications:

a. Tuttle Avenue and Cook Hill Rd.

Attached is a letter from the Town of Wallingford essentially conveying their feasibility approval for the private connection to be made into their sewer system. This type of inter-municipal arrangement has been allowed in the past. If approved, the drafting of the legal agreement between the three parties should be made the responsibility of the applicant. In addition, the payment of any applicable Wallingford plan reviews, inspections, legal, connection, and annual sewer use fees and costs should also be borne by the applicant.

b. 687 South Main St.

- i. The Commission's policy is that properties be served by gravity whenever possible. It is incumbent upon the applicant to demonstrate that the environmental issues and/or grading limitations preclude the installation a gravity sewer.
- ii. The ejector pump needs to be supported by either a backup generator, or the Homeowner's Association would need to retain a service contract with a reliable company to provide timely emergency power to the pump station.
- iii. The proposed excavation within the recently paved Higgins Road will require costly full-road width mill and pave permanent restoration of the recently paved intersection, and likely entail the replacement of traffic control loops and crosswalk at developer expense.

c. 648 Wallingford Rd. and Talmadge Rd.

- i. We do not take exception to the new sewer connection being made into the manhole on the west side of Talmadge Rd. in this relatively lower-rated road. If approved, we recommend that this roadway crossing be installed early in the development process to avoid conflict with possible future repaving of this road that would also escalate the cost of pavement restoration dramatically. The

alternative design would require an easement over private property and probably an additional manhole which is not a preferred due to the necessity of accessing private property in the future.

- ii. The base mapping appears to be outdated. The final design should be based upon the most current information, survey fieldwork, and elevations using the '88 vertical datum.

d. East Mitchell Avenue

- i. We recommend that an 8" sewer main be extended to an additional manhole (with stub) within the East Mitchell right-of-way to provide for future access for the two in-fill properties located on the north side of East Mitchell Rd. The sewer runs in-between the existing main and this new manhole should be town-owned.

/rdn
enc. Wallingford letter