

# T. G. MILLER, P. C.

E N G I N E E R S   A N D   S U R V E Y O R S

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March 18, 2020

Jason Leifer  
Supervisor  
Town of Dryden  
93 East Main Street  
Dryden, New York 13053

RE: Proposal for **Sanitary Sewer** Study and Engineers Report for EFC Funding  
For Consolidated Sewer District -Varna Corridor

Dear Supervisor Leifer,

Presented below is our suggested scope of work and budget to complete the Engineer's Report for applying to the Environmental Facilities Corporation (EFC) financial assistance or grant applications.

## General

Based on the sanitary sewer consolidation study and other recent sanitary investigations, the collection system has been identified to have excessive Inflow and Infiltration (I&I). In addition, parts of the collection system are reaching full capacity. NYSDOT is scheduled to reconstruct Dryden Road through Varna in 2022 and install sidewalks. Some of the collection system through Varna is older asbestos containing pipe that was originally installed in the 1960's. Some of this older pipe is under the pavement and potentially will be under future walks. In anticipation of the road reconstruction, the section of sanitary sewer pipe from Freese Rd. (MH #63) to Game Farm Rd. (MH #25) should be further evaluated to determine the need for replacement, upsizing or alternative means of trenchless repairs (refer to the Consolidated Sewer District Map). In addition, a section of 10" asbestos containing pipe from MH #10 to MH #18 on the north side of Dryden Road near Caldwell Drive is currently being evaluated for capacity and may also warrant a need for repair/replacement. In response, we recommend preparing an Engineer's Report to further study these areas in order to provide recommendations for repairs/replacement and future capacity needs.

The cost of this Engineer's Report will be the responsibility of the Town Consolidated Sewer District.

## Scope of Work

1. Prepare Engineer's Report per EFC guidance document titled "Engineering Report Outline for New York State Wastewater Infrastructure Projects"
  - a. Prepare various cost estimates for repair/replacement options identified.
  - b. Coordinate with the Town Highway and Planning Department staff to determine feasible options and future growth projections.

David A. Herrick, P.E.  
Frank L. Santelli, P.E.  
Andrew J. Sciarabba, P.E.

Donald M. Harner, P.E.  
LEED A.P., C.P.E.S.C.

Lee Dresser, L.S.  
Darrin A. Brock, L.S.

- c. Excludes completing funding applications, Smart Growth Assessment form or other miscellaneous applications documents for EFC funding.
- d. Includes any technical information needed to in order to complete any questions on the funding applications.
- e. Budget- Professional Services \$7,000

2. Additional services

- a. Assist as needed to complete any additional documents needed for funding applications.

**Schedule**

Assuming authorization to proceed is granted in April, 2020, we can begin our services immediately. We propose completing the project in accordance with the following schedule:

- April -May Complete Engineer's Report

If this proposal is satisfactory, please provide authorization to begin the work. Thank you for this opportunity to continue serving the Town. Feel free to contact me with any questions.

Respectfully,

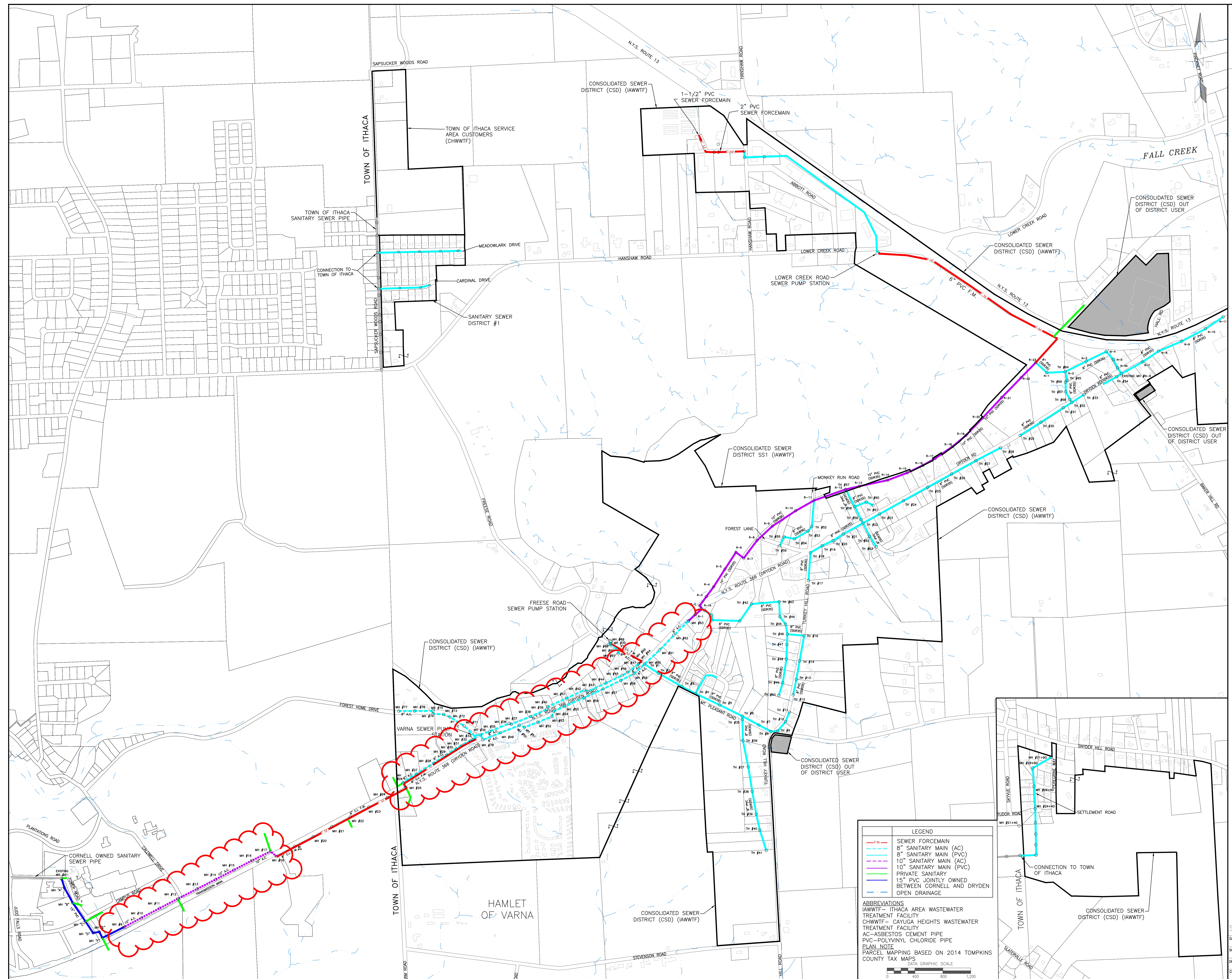


Donald Harner, P.E.

CC: R. Young, Highway Superintendent  
R. Burger, Director of Planning

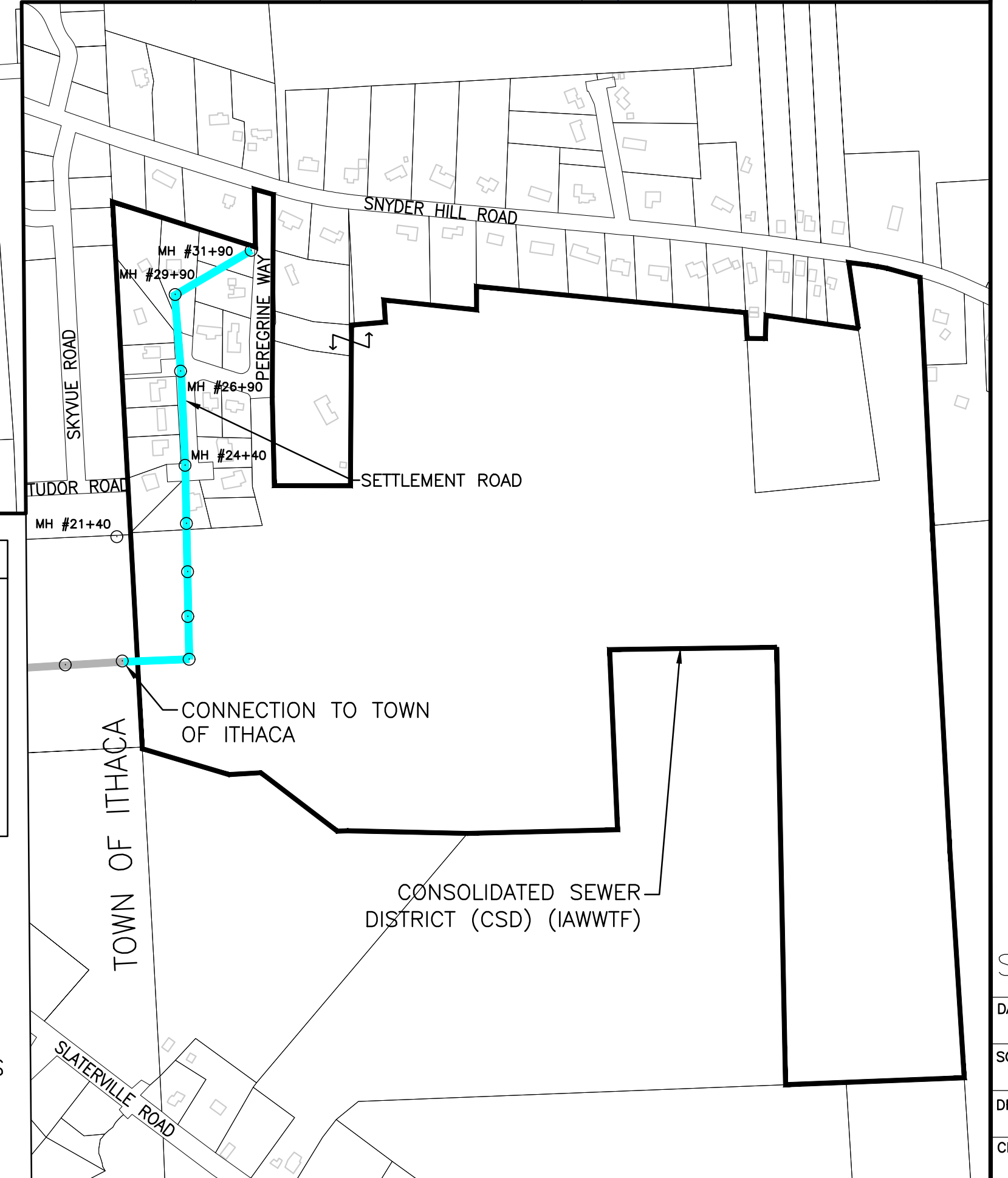
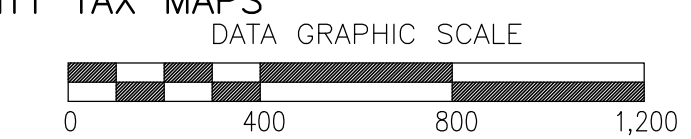
**TOWN OF DRYDEN  
 SANITARY SEWER SYSTEM MAP**

TOWN OF DRYDEN, TOMPKINS COUNTY, NEW YORK



LEGEND	
	SEWER FORCEMAIN
	8" SANITARY MAIN (AC)
	8" SANITARY MAIN (PVC)
	10" SANITARY MAIN (AC)
	10" SANITARY MAIN (PVC)
	PRIVATE SANITARY
	15" PVC JOINTLY OWNED BETWEEN CORNELL AND DRYDEN
	OPEN DRAINAGE

**ABBREVIATIONS**  
 IAWWTF - ITHACA AREA WASTEWATER TREATMENT FACILITY  
 CHWTF - CAYUGA HEIGHTS WASTEWATER TREATMENT FACILITY  
 AC - ASBESTOS CEMENT PIPE  
 PVC - POLYVINYL CHLORIDE PIPE  
**PLAN NOTE**  
 PARCEL MAPPING BASED ON 2014 TOMPKINS COUNTY TAX MAPS



WARNING: ALTERATIONS TO THIS MAP NOT CONFORMING TO SECTION 2509, SUBSECTION 2, NEW YORK STATE EDUCATION LAW, ARE PROHIBITED BY LAW. ALL CERTIFICATIONS HEREON ARE VALID FOR THIS MAP AND COPIES THEREOF ONLY IF THIS MAP AND COPIES BEAR THE SEAL OF THE LICENSED PROFESSIONAL ENGINEER WHOSE SIGNATURE APPEARS HEREON.