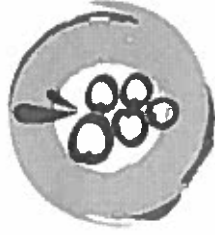


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# Village of Naples New Sanitary Sewer System



## Final System Layout

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Village of Naples

January 17<sup>th</sup>, 2018

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# Introduction

## Village of Naples

- Brian Schenk, Mayor
- Mona Sage Cardinale, Trustee
- Sarge Frappier, Trustee
- Shirley Piccarreto, Trustee
- Thomas Schwarz, Trustee
- David Miller, Attorney

## Hunt Engineers, Architects & Land Surveyors, PC

- Peter F. Martin, EIT, Project Manager/Engineer
- Timothy Steed, PE, Principal

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# Agenda

- Project History
- Project Status & Next Steps
- General Layout & Design Review
- Individual Sewer Services
- Impact to Property Owners/Connection (Easements)
- Schedule

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# Project History

- Sewering Village first began in 1996 followed by three additional attempts in 2001, 2007 and 2009.
- Current efforts began in 2013 under guidance of Sewer Committee
- Layout was assembled, reviewed with public and funding solicited
- To date, the Village has secured:
  - CDBG Grant: \$600,000
  - EFC Water Grant: \$1,500,000
  - DASNY Grant: \$250,000
  - NYSDEC WQIP Grant: \$4,200,000
  - CWSRF: 0% Interest Loan

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# Project Status & Next Steps

- Engineering Design is 90% complete
- Review layout with property owners
- Review & Modify easements, if necessary, and provide to land owners
  - Mail to owners for review & signature
  - Follow up visits for questions and outstanding easements
- Submit for Regulatory approval
- Bid and Construct

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# Sewer System Layout: General Overview

- Conceptual Layout was previously developed & reviewed with Regulatory Agencies, Village Sewer Committee & public
- Input provided from community at public meetings and from site visits completed by Hunt Team
- System layout revised based upon valuable input from Village Committee & public
- Goal of tonight is to review final layout and obtain consensus & adjust if necessary

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# Sewer System Layout: General Overview

- System generally consists of gravity sewers discharging toward a wastewater treatment plant
- Publicly owned pump stations will be located at stream crossings and at low points (6 in total)
- Treatment plant to be located along Ontario Street with discharge to unnamed drainage way and ultimately Naples Creek.
- Treatment plant effluent quality regulated and permitted by NYSDEC.

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# Sewer System Layout: General Overview

*REFER TO PDF'S OR HARD COPIES*



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# Sewer System Layout - Easements

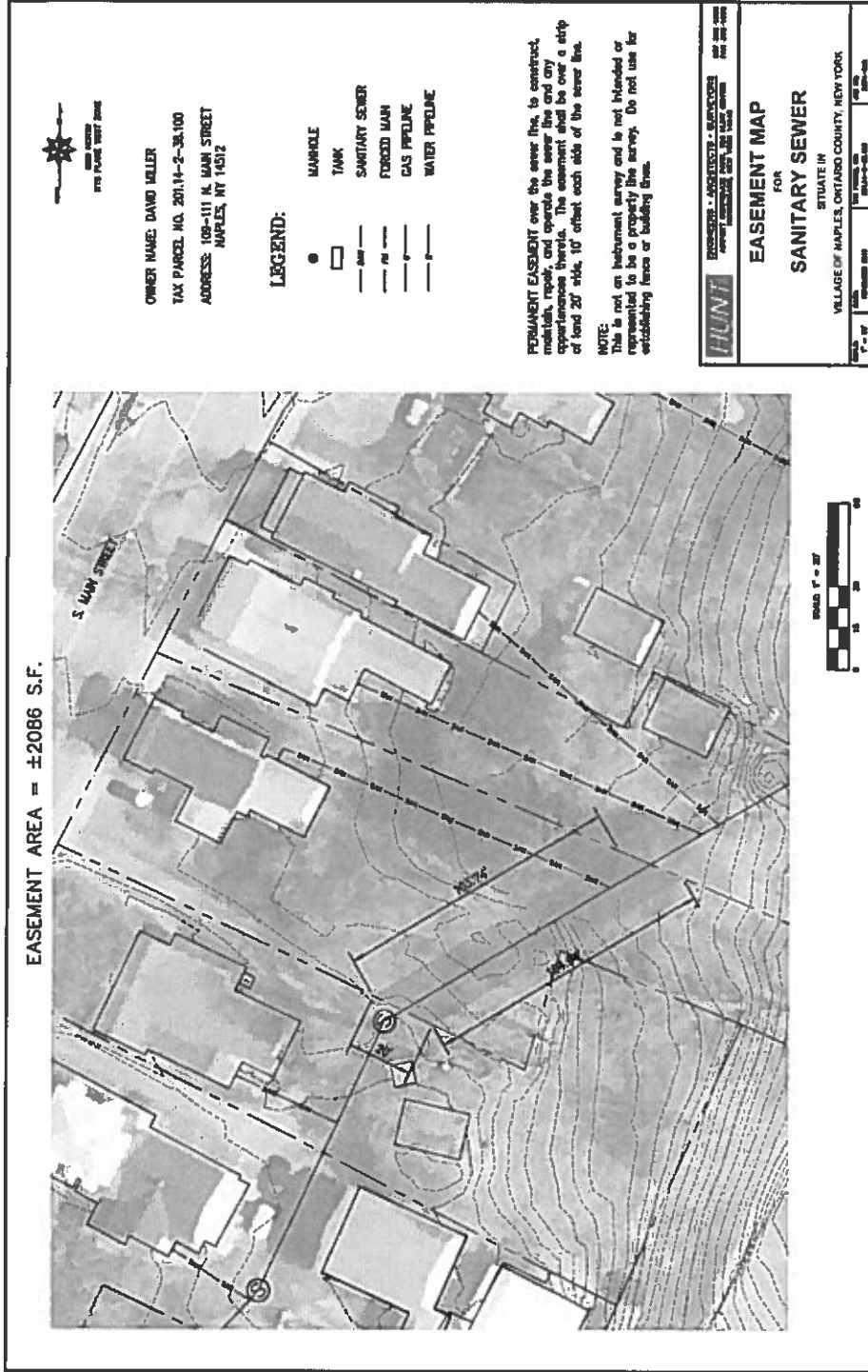
- As a result of NYSDOT's allowance to disturb state roads, "backlot" sewers are necessary.
- Backlot sewers require placement of sewer piping on privately owned lands thus requiring easements
- While easement compensation can be requested, such compensation will increase cost of project overall

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## Sewer System Layout - Easements

- Easement mapping has been developed
- Village attorney is developing easement language
- Easement requests will be made by the Village beginning in January
- Village desires to secure easements prior to construction in the Spring

# Sewer System Layout - Easements



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# Impact to Property Owners

- Some level of disruption will occur but goal is to minimize
- Sewer installation will impact:
  - Fences
  - Sheds
  - Lawn, trees/landscaping
  - Mailboxes, playground equipment, driveway delineators, etc.
  - Driveways
  - Sewer Service
- Special considerations will be followed up on prior to regulatory submission
- Construction Inspector will be on-site

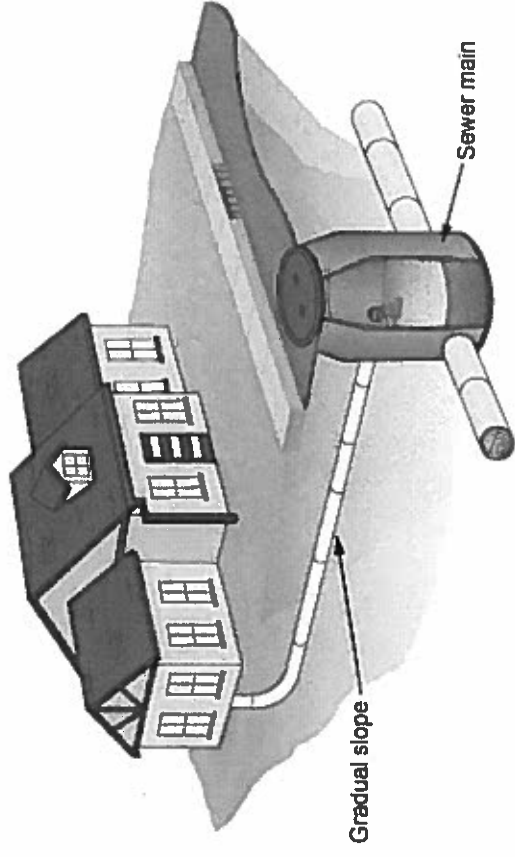
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# Individual Service Connections

- Each occupied parcel will be provided a sewer connection point at property line or easement limit
- Method to individual sewer connection
  - Gravity Connection
  - Individual Pump Station & Forcemain

# Individual Service Connection – Gravity

- Contractor will install connection point to edge of roadway right-of-way or to edge of easement
- Septic tanks shall be abandoned unless special circumstances can be presented and dispensation be given by the Village



# Individual Service Connection – Pump

- As the layout stands, individual pump stations have been eliminated for a majority of the users.
- If required, pump stations, for those interested in immediately connecting, will be provided with project.
- Septic tanks shall be abandoned unless special circumstances can be presented and dispensation provided be given by Village.

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# Schedule

- Final Design Complete      January 2018
- Regulatory Approval        January - April 2018
- Bidding                         April - May 2018
- Easements Secured         May 2018
- Award to Contractor        May/June 2018
- Public Meeting                June 2018
- Construction                 July 2018 - October 2019



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# Review Drawings and Comments/Questions