

Pratt Street and Lakeview Avenue Areas Municipal Sewer Extension Project Public Information Meeting



Presented by:



Public Information Meeting
May 26, 2015

Project Team

LUNENBURG SEWER COMMISSION

- Carl Luck – Chairperson, Mike Nault, Troy Daniels, and Sue Bunish
- Barb Lefebvre – Business Manager

DEPARTMENT OF PUBLIC WORKS

- Jack Rodriquenz – DPW Director

ENGINEER - WRIGHT-PIERCE

- Kevin Olson, PE – Project Manager
- Matt Corbin, PE – Lead Project Engineer

CONTRACTOR

- CJP & Sons Construction Company

And **YOU**

“The strength of the team is each individual member.

The strength of each member is the team.”

Phil Jackson

American retired basketball coach and former player

Presentation Overview

- **Project Overview & Goals**
- **Scope of Construction Work**
- **Key Construction Considerations**
- **Private Property Sewer Service Connections**
- **Estimated Property Owner Costs**
- **Tentative Construction Schedule**
- **Questions and Discussion**

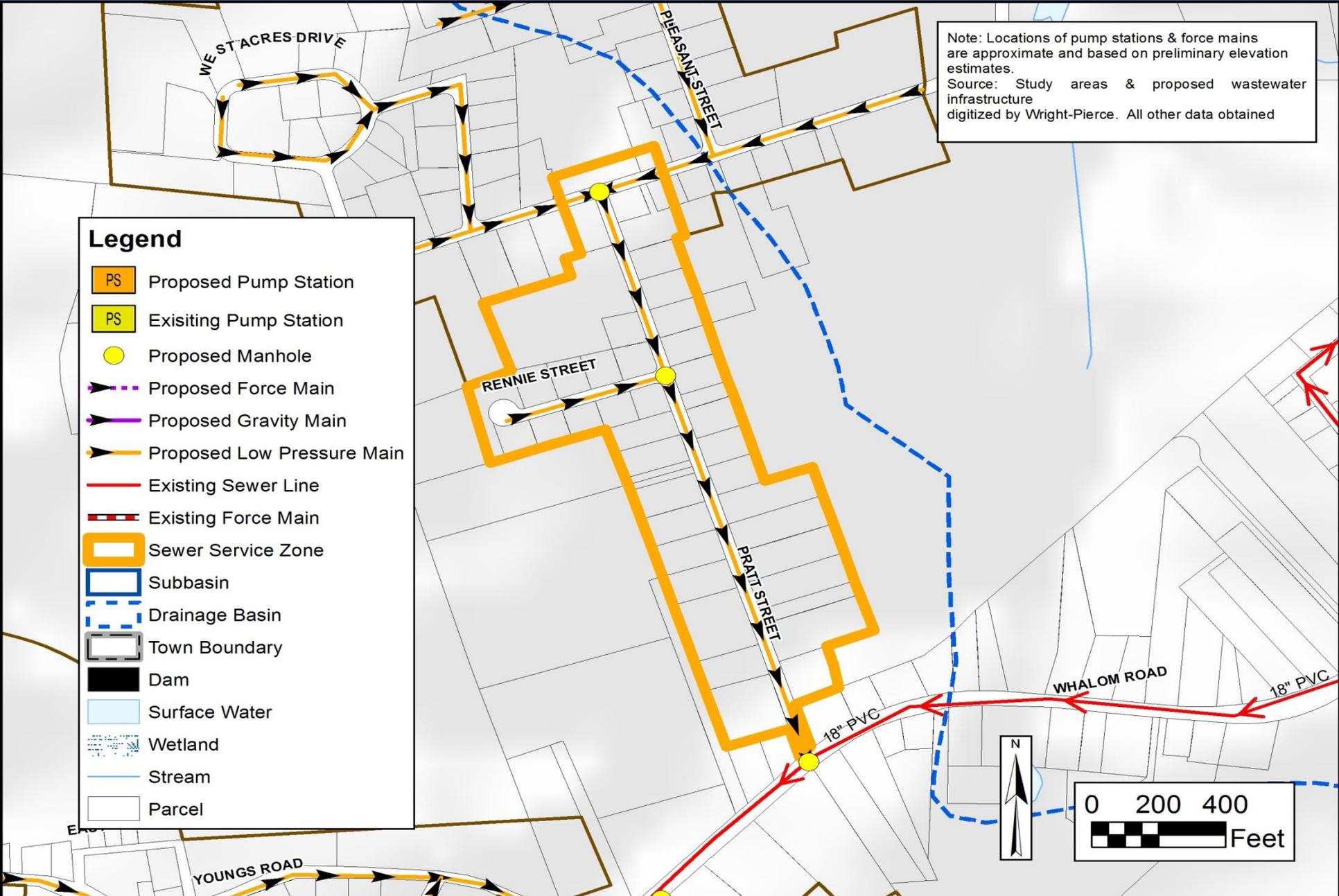


Pratt Street Area

Note: Locations of pump stations & force mains are approximate and based on preliminary elevation estimates.
 Source: Study areas & proposed wastewater infrastructure digitized by Wright-Pierce. All other data obtained

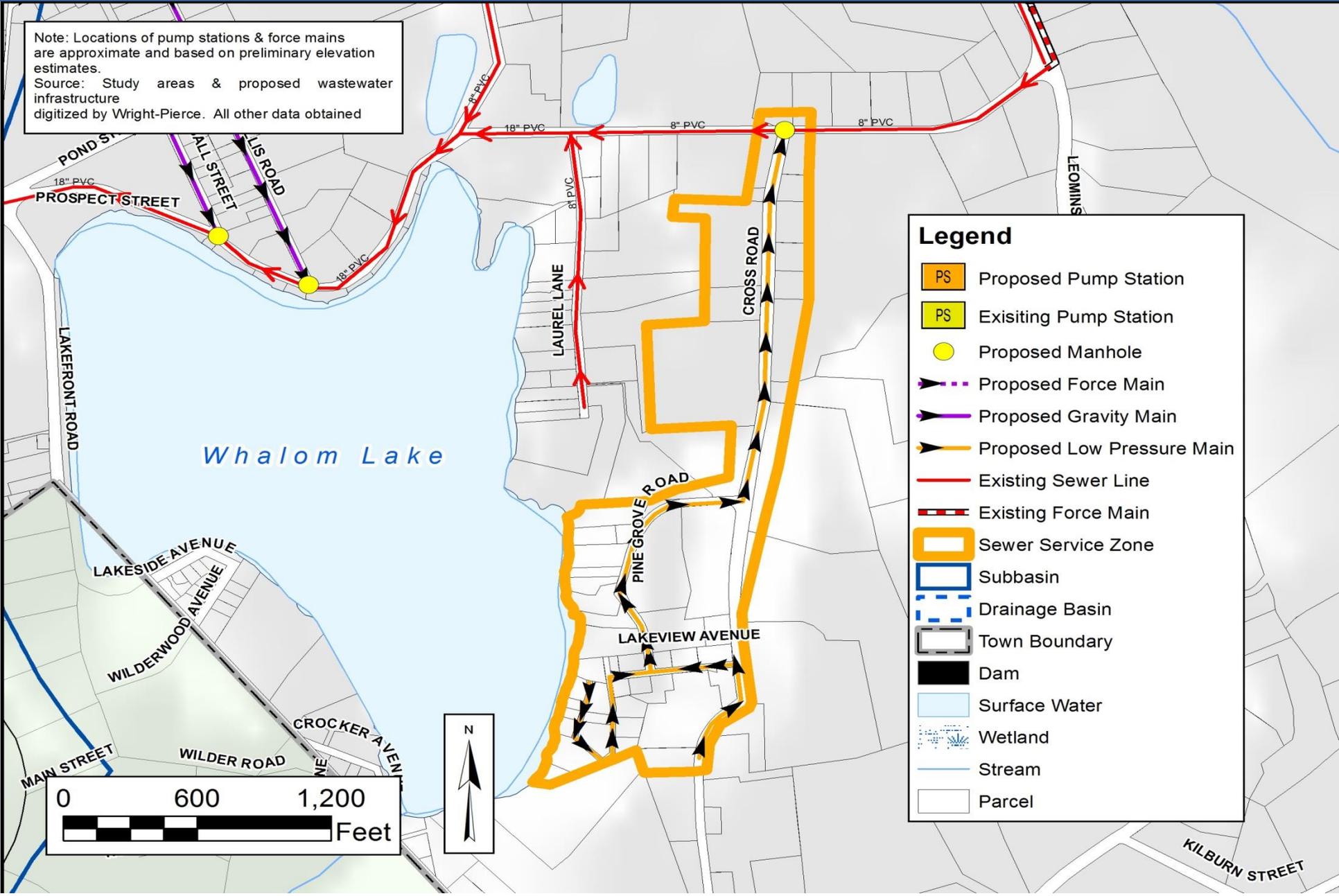
Legend

- PS Proposed Pump Station
- PS Existing Pump Station
- Proposed Manhole
- Proposed Force Main
- Proposed Gravity Main
- Proposed Low Pressure Main
- Existing Sewer Line
- Existing Force Main
- Sewer Service Zone
- Subbasin
- Drainage Basin
- Town Boundary
- Dam
- Surface Water
- Stream
- Parcel



Lakeview Avenue Area

Note: Locations of pump stations & force mains are approximate and based on preliminary elevation estimates.
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- Subbasin
- Drainage Basin
- Town Boundary
- Dam
- Surface Water
- Wetland
- Stream
- Parcel

Scope of Construction Work

Municipal Sewer System Extension



- **Over 9,000 feet of small diameter, low pressure sewers (LPS)**
 - **Pratt Street Area – 4,500 feet total of 1.5"-3" diameter LPS**
 - 2,500 feet of trench – 2,000 feet of 3" LPS for future connections
 - **Lakeview Avenue Area – 4,500 feet of 1.5"-3" diameter LPS**
- **New sewer cleanouts and valve vaults**
- **New sewer connections capped at each property line**
- **Temporary pavement of trenches in roadways in 2015**
- **Final pavement overlay in 2016**

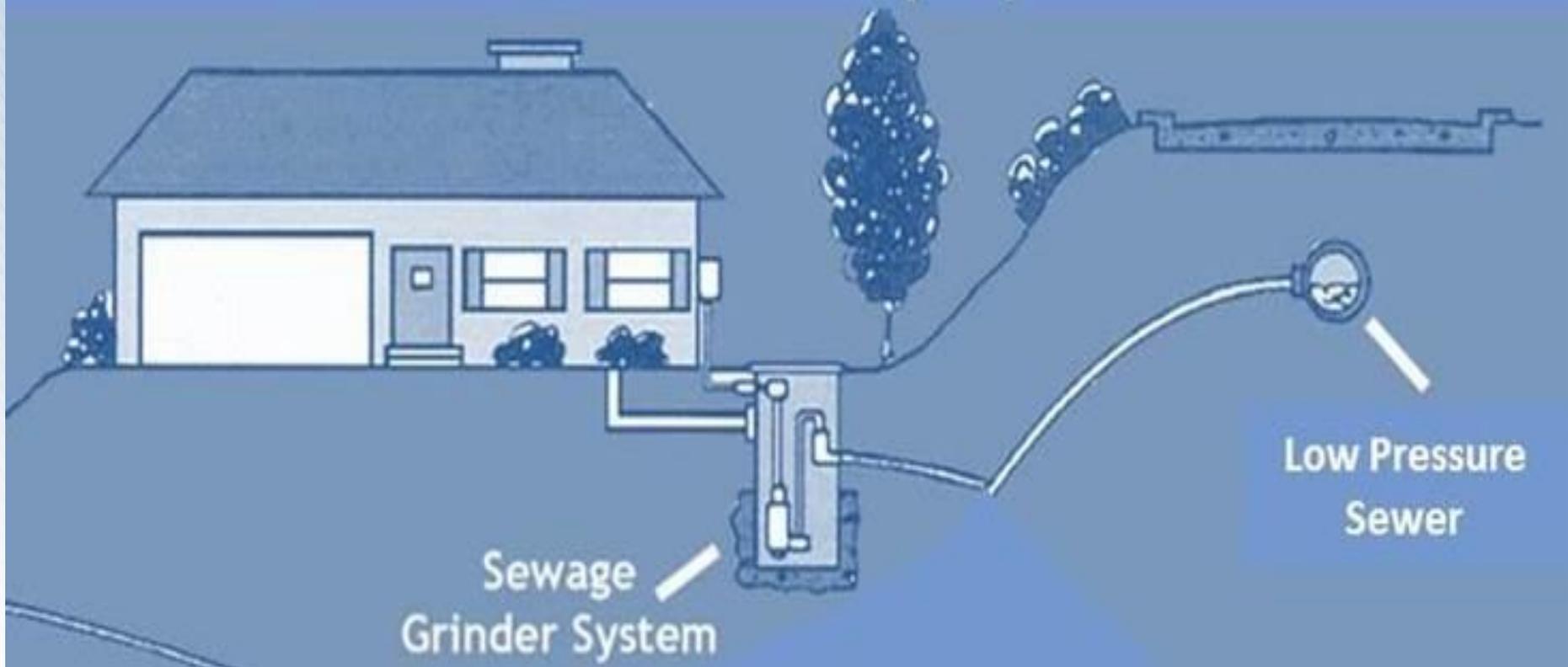
Key Construction Considerations

- **Your Continued Involvement**
 - Property owner to determine location of sewer service stub - Summer 2015
 - Potential follow-up informational meetings
- **Minimize Impacts to Residents**
 - Will work hard to minimize impacts on accessing your driveway
- **Minimize Impacts on Traffic**
 - Maintain one lane of traffic on streets
 - Minimize detours?
 - Emergency vehicle routes/access
 - Coordinate with school bus routes
 - Utilize Town website for status/updates



Private Property Sewer Service Connection

Residential Pump System



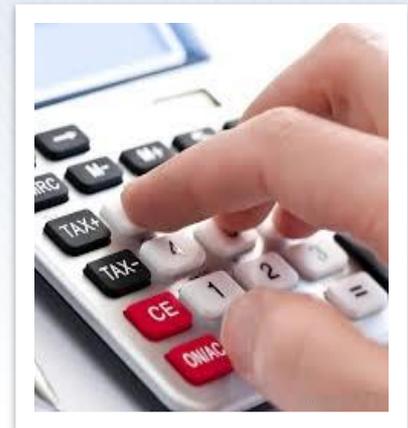
Private Property Sewer Service Connections

- Contractor will install sewer service connection for each property at the right-of-way/ property line
- Property owners are responsible to install sewer service piping from cap to grinder pump and from building to grinder pump
- Two vendors being evaluated that meet LPS technical requirements
 - Reviewing options for reducing cost, extending warranties and other value-added options



Estimated Property Owner Costs

- **Estimated Betterment Cost per Parcel is \$23,000**
 - \$1.84M total project cost estimate
 - Assume 80 total properties assessed a betterment
- **Estimated Private Property Costs is \$10,000 - \$12,000**
 - \$4,000 for purchase of grinder pump unit
 - \$3,000-\$5,000 for installation of sewer service & grinder pump unit
 - \$1,000 for decommissioning existing septic system
 - \$2,000 for electrician to wire the grinder pump unit



Pleasant View Avenue Municipal Sewer Extension

- 600 feet of gravity sewer extension
- Approved at May 2015 ATM
- Anticipate start of design early July
- Contractor for Pratt/Lakeview Avenue Area sewers to provide construction cost quote for this work
- Construction complete/connections available – Fall of 2015 or Spring/Summer 2016



Tentative Construction Schedule

Season	Events
Summer 2015 - Fall 2015	<ul style="list-style-type: none">• Install LPS and temporary trench pavement• No construction work between December 2015 and March 2016
Winter 2015 - Spring 2016	<ul style="list-style-type: none">• Private property connections to begin
Spring 2016	<ul style="list-style-type: none">• Permanent pavement overlay
Summer 2016	<ul style="list-style-type: none">• Betterments assessed by the Town



For more information...

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Engineering Lead Project Engineer

Questions / Discussion

