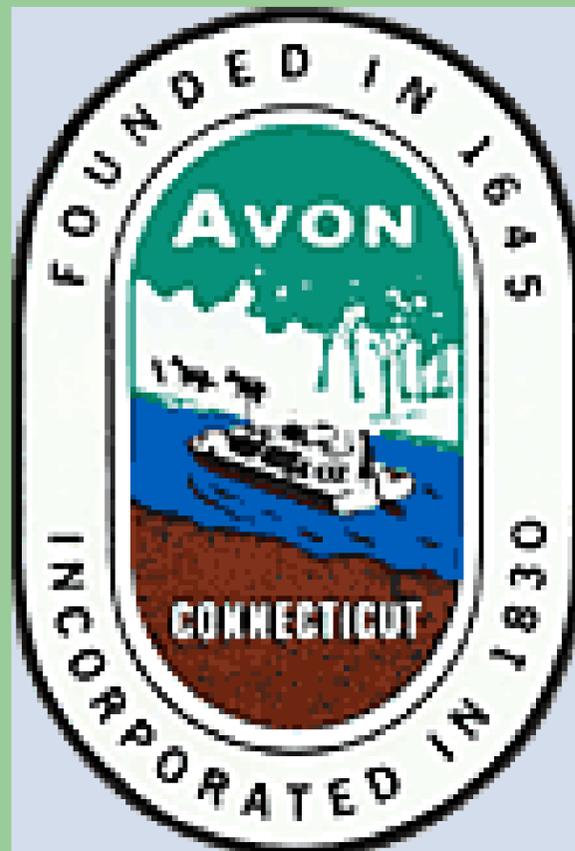


***Paperchase Trail / Hurdle Fence
Drive Sanitary Sewers
Informational Meeting No. 3***



March 9, 2017

Primary Drivers for Project

- **High need area as evaluated within the Sewer Facilities Plan and a moderately high priority for roadway improvements as identified in the Pavement Management Plan**
- **Petition from Area Homeowners (2014)**
- **Age of Septic Systems**
- **High ground water in the area (as proven by borings)**
- **Area abuts existing public sewer (Cambridge Crossing) making connection to existing sewers feasible**

Project goals:

- 1. Provide gravity sanitary sewer service to first-floor connections at every residence (basement service to many)**
- 2. Minimize disturbance to environment – particularly inland wetlands**
- 3. Locate manholes to minimize driver impediments**
- 4. Determine interest and feasibility to bring other utilities to the neighborhood (public water and natural gas) – coordinate design and construction as appropriate**
- 5. Complete road overlay after both projects are finished (assuming Town budget approval)**

Work completed to date:

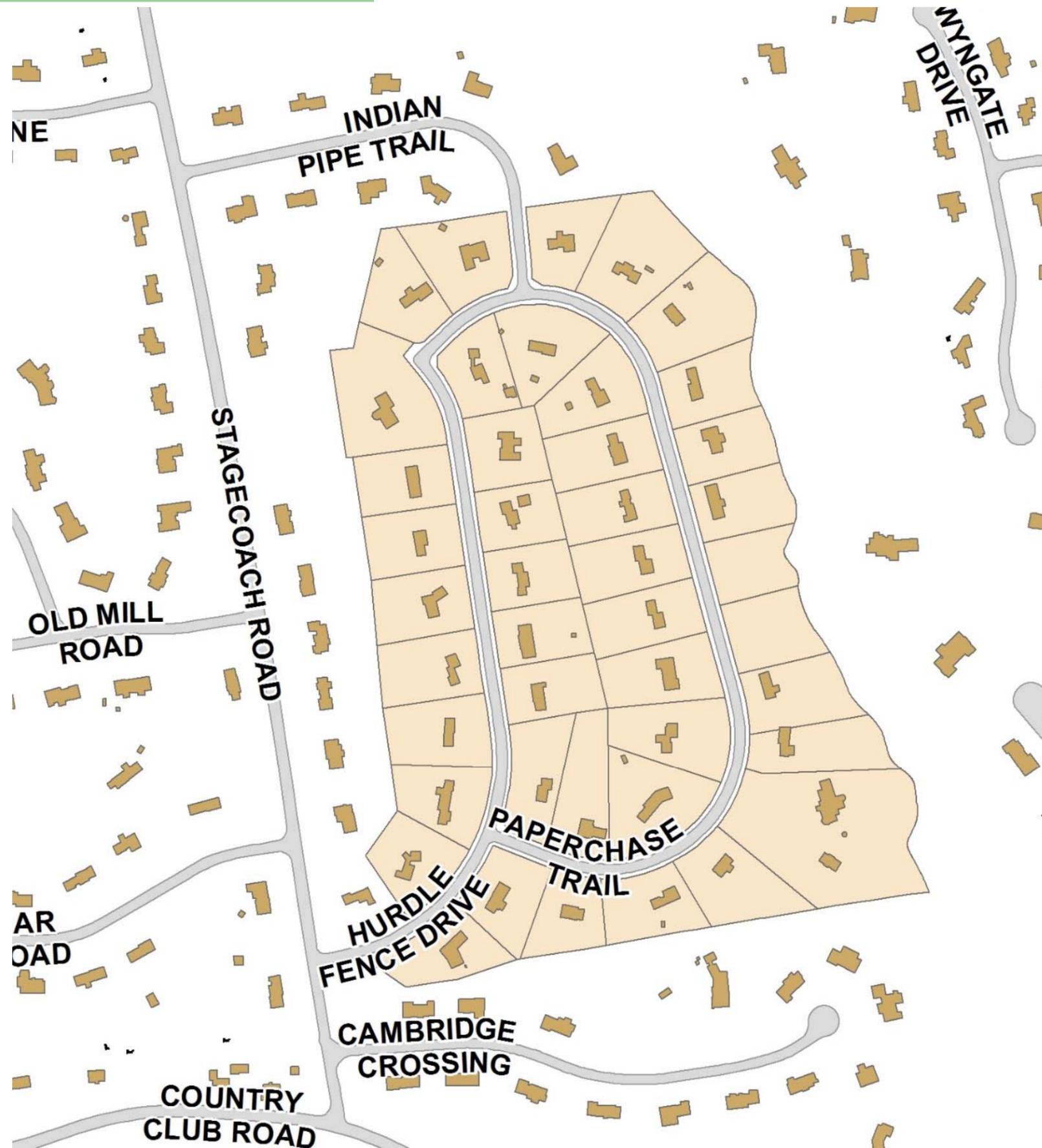
- 1. Performed field survey – to locate all topographic features within the ROW corridor and limited private property features**
- 2. Performed office survey to identify property ownership information**
- 3. Performed soil borings to identify presence of ledge rock, soil types, and ground water depth**
- 4. Prepared preliminary design**
- 5. Met with Avon Water and CNG to discuss project and solicit interest**
- 6. Identified and evaluated routes to connect to the existing sanitary sewer – meet with property owner(s) to determine accessibility options for same**
- 7. Met with select property owners with challenging connection issues to determine lateral location**
- 8. Prepared preliminary cost estimates – both internally and via local contractor**
- 9. Prepared Public information meeting presentation and materials**
- 10. Went to bid twice – first for combined North and South Projects, and then for just the South project**

Combined Project Specifics:

Combined Projects:

- 1. Approximately 4590 ft of sanitary main**
- 2. 26 manholes**
- 3. 44 service laterals**
- 4. Depth of mainline between 8ft and 17ft**
- 5. 8 residences that may need to pump**
- 6. Road will be partially closed during construction (in construction zone)**
- 7. Temporary pavement over disturbed roadway (paved in several stages)**
- 8. Complete road overlay after both phases are finished (assuming Town budget approval – not paid for under this project)**

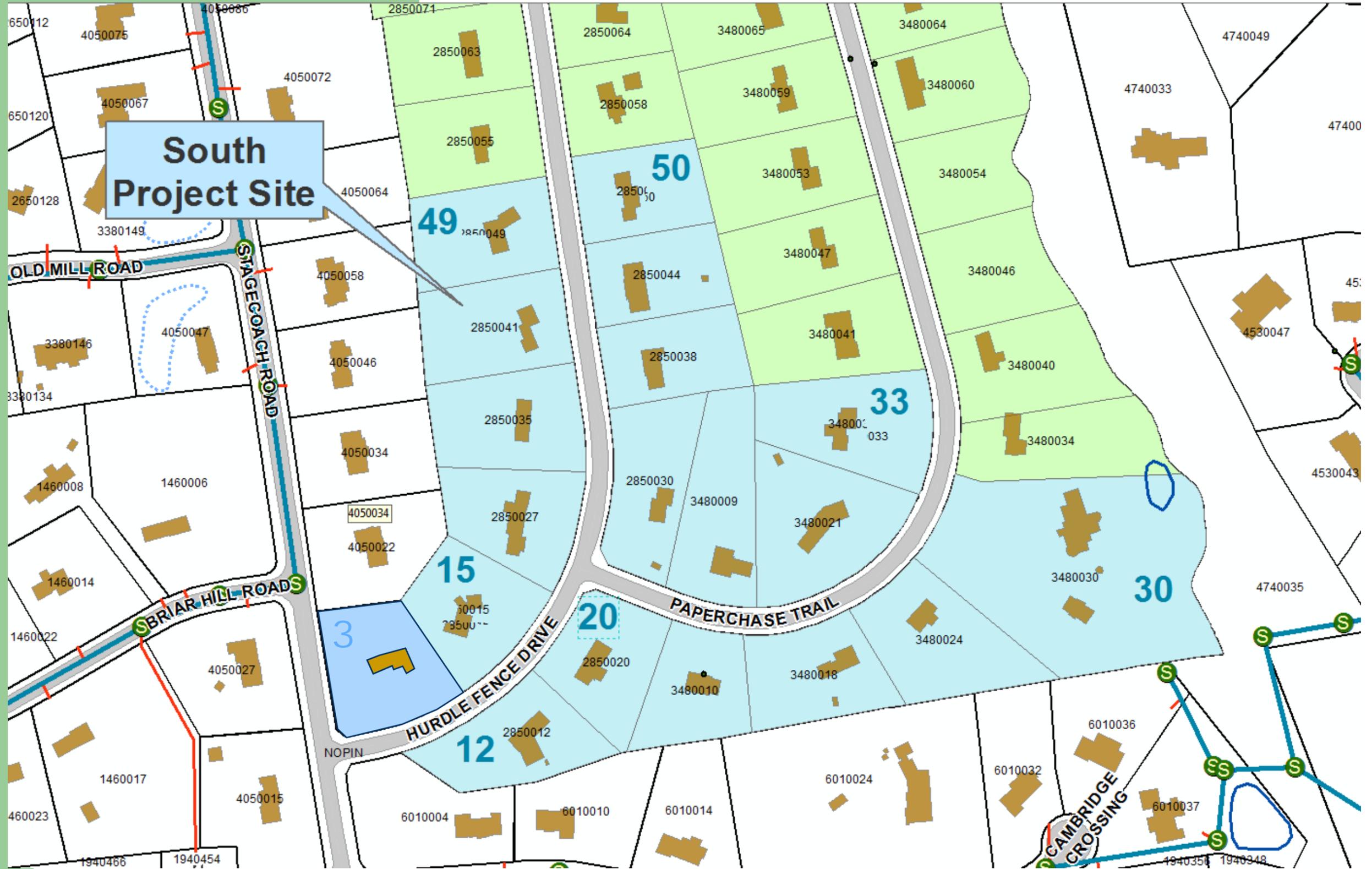
Combined Projects Area



South Project Specifics:

- 1. Approximately 2360 ft of sanitary main**
- 2. 13 manholes**
- 3. 19 service laterals**
- 4. Depth of mainline between 8ft and 17ft**
- 5. 3 residences that will likely need to pump**
- 6. Road will be partially closed during construction (in construction zone)**
- 7. Temporary pavement over disturbed roadway (paved in several stages)**
- 8. Gets sewer to existing via easement**

South Project Area – 19 Homes



South Project Bids Received - 2017

<u>CONTRACTOR</u>	<u>BID PRICE w/ RESTORATION OF 30 PAPERCHASE</u>	<u>BID PRICE w/o RESTORATION OF 30 PAPERCHASE</u>
Ludlow Construction	\$ 529,735	\$ 489,735
Suburban Sanitation	\$ 532,475	\$ 474,468
Gerber	\$ 533,545	\$ 524,110
B&W Paving	\$ 540,544	\$ 480,544
Simscroft	\$ 598,994	\$ 512,465
VMS Construction	\$ 618,203	\$ 570,203
Quality	\$ 819,677	\$ 749,677
AJ Virgilio	\$ 886,104	\$ 851,104

Low Bid with restoration of 30 Paperchase Trail – \$529,735

Low Bid without restoration of 30 Paperchase Trail - \$474,468

Potential Project Schedule

IF THE PROJECT IS APPROVED – THIS IS A POTENTIAL PROJECT SCHEDULE

- **Award Project by AWPCA** **March 2017**
- **Award Project by Avon Town Council** **April 2017**
- **Begin Construction** **Late April 2017**
- **Complete Construction** **July 2017**

Potential Project Schedule

Concurrent – North Project Schedule

- **Project Design Finalization** **Completed**
- **Prepare North Bid Package and Bid (if South Project is “go”)** **April 2017**
- **Award Project** **June 2017**
- **Begin Construction** **July 2017**
- **Complete Construction** **October 2017**

Once sewer (and possible gas) construction is completed

- **Mill and overlay (TOA budget dependent)** **Summer 2018**
- **Determine final costs and Assessment** **Winter 2017/18**
- **Conduct Public Hearing on Assessment** **Winter 2017/18**
- **Levy Assessments** **Winter/Spring 2018**

Assessment Estimate

Sewer Construction Cost Estimate:

South Section (Bid) \$500,000

North Section (Estimate) \$450,000

Soft Costs Estimates:

Field Survey (Actual) \$7,750

Borings (Actual) \$7,590

Legal & Easement (Estimate) \$20,000

Total cost estimate range (high value inc 10% cont.) \$985,000 – \$1,083,500

Number of properties serviced (inc. 2 Avon Land Trust) 44

Estimated Assessment per property=($\$985,000/44$) to ($\$1,083,500/44$)

or **\$22,386 to \$24,625**

Other Costs

Other costs incurred at time of connection (*):

Connection Charge	\$2500
Connection Cost (to contractor hired by homeowner)	\$3000 - \$6000 (**)
Annual Sewer Use Fee	\$350/yr/home
Sewer permit fee	\$50

(*) Note: These costs occur at the time of connection from house to Town sewer and are the current fees, subject to AWPCA revision

() The cost to connect the lateral stub to each residence varies depending on several factors including length, depth, impediments such as trees and rock, landscaping, and restoration requirements**

NOTE: Residents are not required to connect just because there is sewer available

Frequently Asked Questions

Q: If the sewer is installed, am I required to connect?

A: Whereas the AWPCA regulations have certain stipulations concerning this, unless the FVHD district requires connection due to failure, you will not be required to connect

Q: If I decide to connect what will my costs be?

A: Please see the hand-out: Connection charge = \$2,500, Permit Fee = \$50, Hire a licensed contractor to connect from lateral stub to the home = variable

Q: How will the Town determine where to locate my lateral connection?

A: Town staff will attempt to meet with every property owner during the final design stage. The purpose of the meeting will be to discuss lateral route options so we can locate the lateral on the design plans

Q: What is the next step?

A: The AWPCA has to decide whether to construct the project. If they decide to construct, Engineering will send out a letter to all South Project residents requesting they contact the Engineering Department to set up a time to meet to talk about specific lateral stub locations. Concurrently, the recommendation will go to Town Council for award, and ultimately construction begins.

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Questions?

FACT SHEET
MARCH 9, 2017
PAPERCHASE TRAIL HURDLE FENCE DRIVE SOUTH
SEWER EXTENSION

This sewer is planned to be installed beginning in the spring of 2017.

Total Length of sewer: 4,590 linear feet (approx)

Mainline Sewer Pipe: 8" diameter PVC and DI

ESTIMATED Total Cost of Sewer-related Construction: \$ 950,000

Number of Assessable Properties: 44 Residential (including 2 Avon Land Trust)

1. Homeowners are not required to connect to the public sewer.
2. Homeowners must pay the Connection Charge in effect at the time of connection to the Town. Presently, the Connection Charge is \$2,500.00.
3. In addition to the Connection Charge, homeowners are also responsible for all construction costs incurred in hooking up to the lateral installed by the Town. This cost will vary for each connection in the \$2,500 - \$6,000 range – this is an estimate only and depends on the site circumstances and the contractor.
4. The AWPCA typically allows homeowners to pay the assessment as a lump sum or in series of installments (typically 10 equal annual).
5. Once connected, users pay an annual use charge to cover the cost of treatment of effluent and maintenance of the system. The current annual use charge is \$350.00 per year.
6. Sec. 7-253a: Adjustments in sewer assessment payments for elderly or disabled property owners: Town of Avon may, by ordinance, permit any property owner who is eligible for tax relief for (1) elderly taxpayers under the provisions of section 12-129b, section 12-7170aa, or a plan of tax relief for elderly taxpayers provided by The Town of Avon in accordance with subdivision (1) of subsection (a) of section 12-129n or (2) any property owner under age (65) sixty-five who is eligible under the provisions of a plan for tax relief provided by The Town of Avon in accordance with subdivision (2) of subsection (a) of section 12-129n to apply to the Water Pollution Control Authority in The Town Of Avon for approval of a plan of payment of such property owners sewer assessment

in a manner other than as provided under section 7-253. Such ordinance may allow optional methods of payment of any sewer assessment by an eligible property owner, subject to approval of the authority, including an option to pay only the annual interest charges, as provided in said section 7-253, on any deferred payments or outstanding balance of principle, provided in such optional method of payment, the outstanding balance of principal deferred under such optional method of payment shall become due upon any transfer of title to the property subject to such assessment or upon the death of such property owner. Any such optional method of payment shall be subject to annual review by the authority.