



HALEY WARD
ENGINEERING | ENVIRONMENTAL | SURVEYING

July 15, 2022.

Via Email

Benjamin Stevens
Trask Development
337 Turnpike Road Suite 201
Southborough, MA 01772

Re: 501 Pond Street Development – Sewer Installation Estimate

Dear Ben Stevens:

Haley Ward, Inc. was contracted to develop a preliminary budgetary estimate for the costs to complete the remaining sewer pipe installation to the Ledgemere sewer pump station. The completion of this sewer segment may be required as part of the Town of Ashland approval of your proposed development at 501 Pond Street. We are enclosing the record drawing from the cross country sewer that identifies the section of sewer that requires completion.

The construction estimate is based on the installation of approximately 54 feet of 12" PVC sewer pipe and connection to the existing Ledgemere pump station wet well located near 11 Bay Colony Drive with the following assumptions:

- Depth of sewer is approximately 12 ft
- Total length is 54 Feet
- No new Manholes or structures needed
- Dewatering will be necessary
- Site restoration as needed, site paving and fence remove and replacement
- Notice of Intent will be required

Preparing construction costs estimate for a very short sewer installation is not a straightforward task. Typically, the Means construction cost book is utilized, however that is based on production rates. This project requires installation of approximately 54 linear





feet, where typically production rates are in the 100 to 200 linear feet. Therefore, the upfront costs are not captured if you utilize Means.

Therefore, we took a different approach and looked at crew costs and material costs and anticipated duration days for the work.

We recommend the use of crew cost and duration days be utilized for the town's consideration. The result of utilizing crew cost and duration days for the construction budget estimate is as follows:

Work Item	Cost (\$'s)
Mobilization and Demobilization	\$2,400
Project Administration	\$1,100
Environmental controls	\$1,500
Dewatering and treatment	\$5,000
Crew cost	\$31,400
Materials	\$3,900
Site restoration (loam & Seed, fence, paving)	\$3,000
Construction Budget Estimate Total	\$48,300

The above budget estimate does not include engineering costs or costs associated with obtaining Town construction permits or required regulatory permitting.

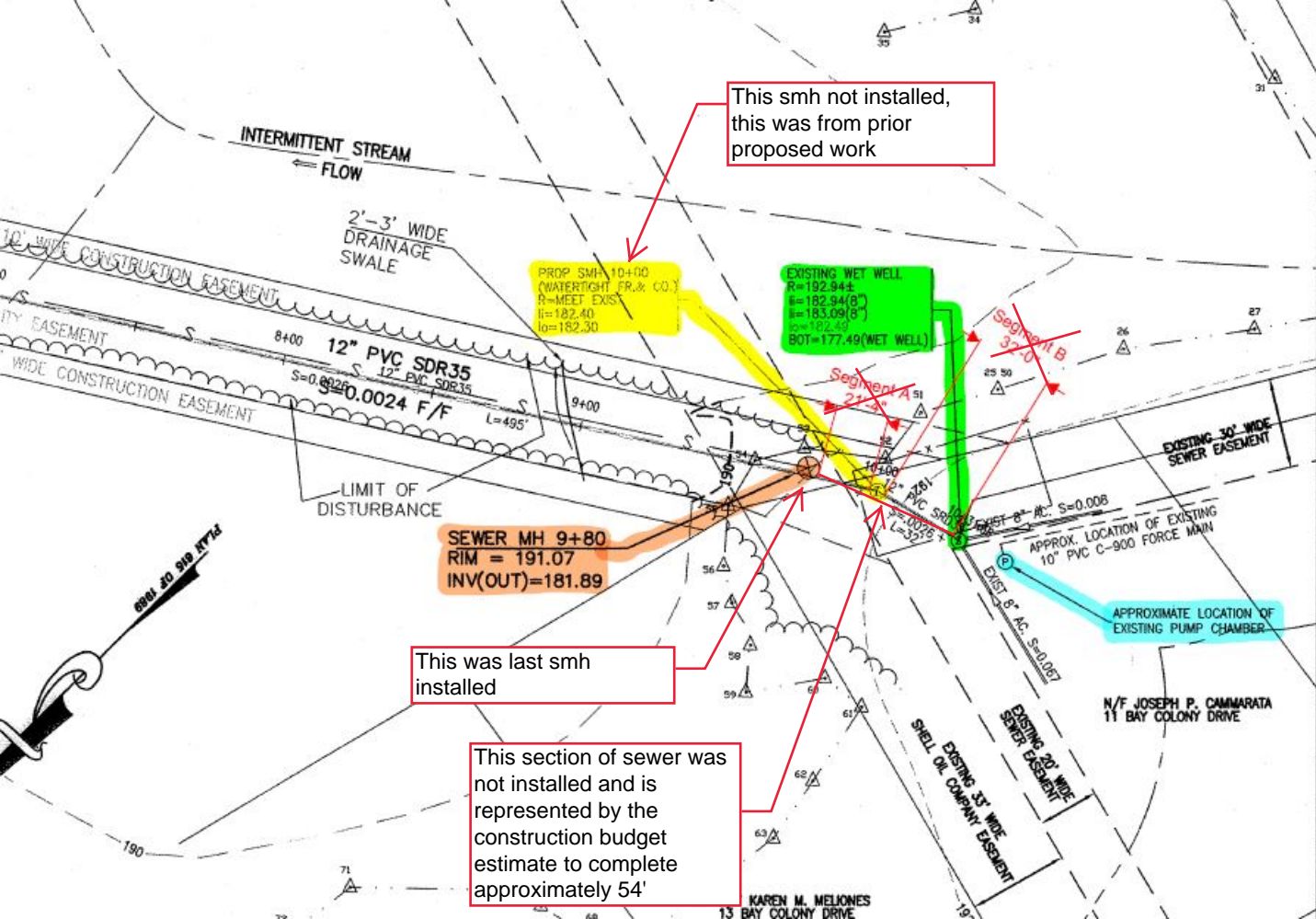
If you have any questions or require additional information, please contact the undersigned at (978) 648-6025.

Sincerely,
Haley Ward, Inc.

Gregory J. Eldridge, P.E.
Senior Project Manager, VP

CC: Doug Small Ashland DPW Director
Peter Matchak town Planner/Director of Planning
Daniel Maurer Ashland Water and Sewer Division

Attachment: Record drawing



This smh not installed, this was from prior proposed work

This was last smh installed

This section of sewer was not installed and is represented by the construction budget estimate to complete approximately 54'