

Sagamore Avenue Sewer Extension City Council Meeting

City of Portsmouth, NH

July 13, 2020

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Introduction

- **Brief History And Background Review**
- **Highlight Important Project Points**
- **Summarize Next Steps**
 - **Work session and City Council decision points**
 - **Permitting and design**



Origins Of This Project

- **Pre 2005 Failed Septic And Use Of Holding Tanks**
- **2005 Project First Appears In CIP**
- **2008 Engineering Study**
- **2010 Bacteria Study By DES**
 - Shows elevated bacteria due to failed septic systems
- **2011 Engineering Study Update**
- **2014 Great Bay Non-Point Source Study (DES)**
 - Defines septic system impact estuary wide regarding nitrogen

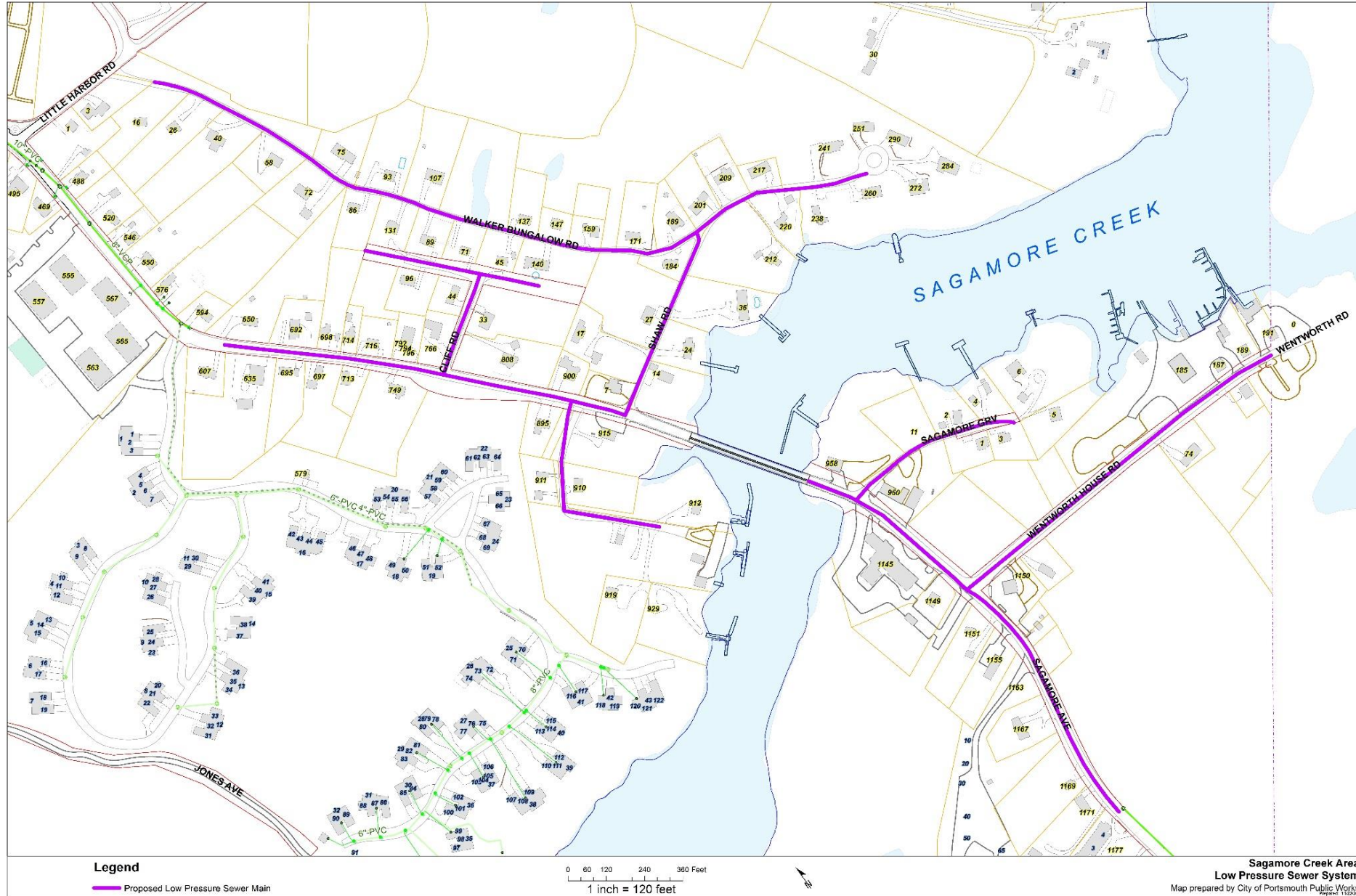


Incorporation Into Consent Decree

- **March 4, 2016 City Council Approves Consent Decree Second Modification**
 - Sagamore sewer becomes one of the Supplemental Environmental Projects (Estimated commitment of \$2.5M)
 - Completion date June 2022
- **July 2019 City Council Bond Authorization**
 - \$4.4 Million bond authorization based on 2018 Preliminary Design Report



Current Sagamore Area Sewer Project Limits

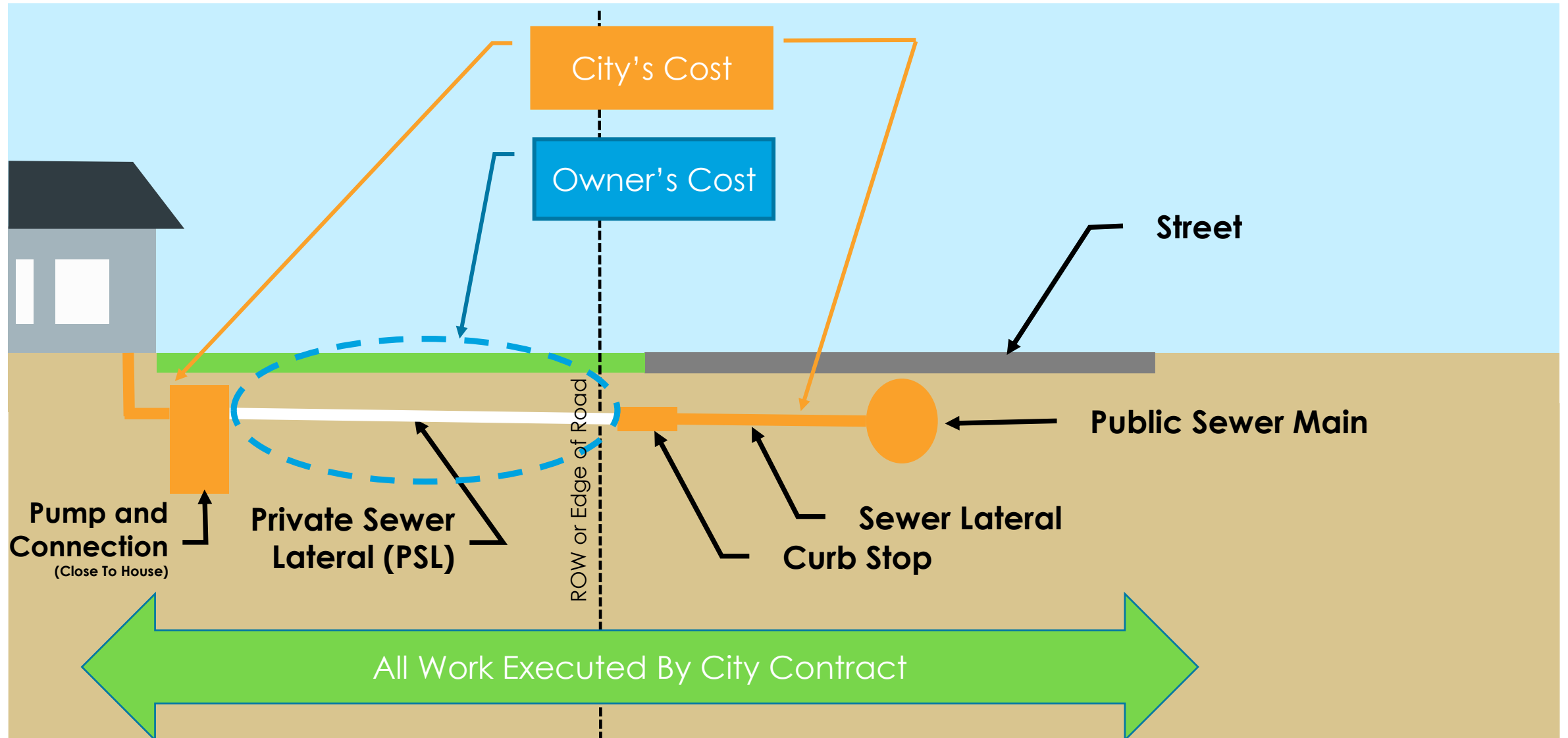


Public Meetings

- **September 4, 2019 Public Meeting At DPW**
 - Kickoff to field work
 - Cost apportionment greatest concern but had not yet been defined
 - Nobody with functioning septic required to tie-in
- **Questions Received At Multiple City Council Meetings**
- **November 25, 2019 Public Meeting At Council Chambers**
 - Responses to questions
 - Updated cost proposal
- **December 9, 2019 Public Meeting At Council Chambers**
 - Defined future City Council decisions needed
- **February 3, 2020 City Council Meeting Summary Presentation**
- **March 16, 2020 Work Session Cancelled Due To COVID-19**



Cost Apportionment Proposal For City Council Consideration



Total Project Cost (91 Connections)

Updated Cost Estimate

Item	Cost (\$)
Sagamore North	\$3,650,000
Sagamore South	\$1,850,000
Total City (Sewer Users)	\$5,500,000
Service Laterals North	\$420,000
Service Laterals South	\$180,000
Total Owner	\$600,000 (~\$6,600 per connection)
Total Project Cost	\$6,100,000

Cost Change Drivers

- **Extended Limits To Capture Interested Property Owners**
- **Construction Costs Have Escalated**
- **Added Costs Based On Updated Cost Proposal**
 - Pump and connection to house
- **Drilling Showed Significant Ledge**



November 2019 Estimated Project Costs Exceeded Funding Authorization

Work Session Agenda

- **New Information Since February 2020**
 - Survey results from April 2020
 - Alternative configuration for consideration
 - Achieve environmental benefits within budget
 - Subject to approvals

- **Decision Points**



Decision Points For Work Session

- **Cost Apportionment Proposal**
- **Project Limits/Additional Funding Authorization**
- **What Happens At Sale Of Property**
- **How to Handle Properties That Do Not Connect Until Later**
- **If the Cost to Abandon Existing Septic Will be Private or City**
- **Who Pays for Replacement of Pump at End of Life (~15 Year Mark)**
- **Who Pays for Maintenance of Pumping System**



Next Steps

- **City Council Work Session With Public Input**
 - **Recommend Late July 2020**
- **Vote On Decision Points**
 - **No later than August 31, 2020 City Council Meeting**
- **September 2020 – January 2021 Permitting And Final Design**
 - **Requires access on private property for wetland flagging and survey**
- **February-April 2021 Bidding And Project Award**
- **April 2021 – Begin Construction**

