



*Town of Tyngsborough, Massachusetts*

**SUNSET PARK  
PUBLIC OUTREACH MEETING**

*Board of Sewer Commissioners*

*And*

*Sewer Design and Construction Committee*

*June 27, 2012*





*TOWN OF TYNGSBOROUGH, MASSACHUSETTS*

## OVERVIEW

-HISTORY

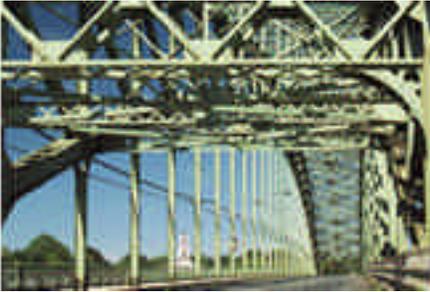
-GRAVITY SEWER VS. LOW PRESSURE (PUMPED) SYSTEM

-COSTS

-SCHEDULE GOING FORWARD

-QUESTIONS / FEEDBACK





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# GRAVITY SEWER



## -GRAVITY SEWER ADVANTAGES

- Minimal maintenance required
- No electricity required



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# LOW PRESSURE SYSTEM



## -LOW PRESSURE (PUMPED) SYSTEM ADVANTAGES

- Lower construction cost



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## PROJECT COST

### -GRAVITY SEWER

- Total Cost: \$3,610,000 to \$4,410,000
- Per Lot Cost: \$42,500 to \$51,900

### -LOW PRESSURE SEWER

- Total Cost: \$2,200,000 to \$2,680,000
- Per Lot Cost: \$25,900 to \$31,500

Note: Low pressure sewer cost includes Town providing pump system to Property Owner.





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## HOW ARE SEWERS PAID FOR?

- General Fund – Town's entire tax base
- Betterment Tax to the Sunset Park Neighborhood
- Combination of Both



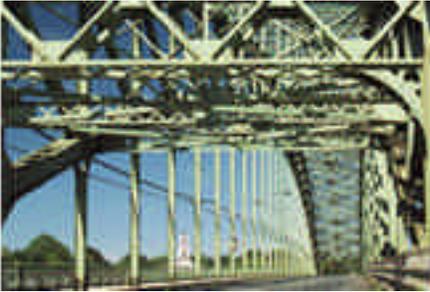


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## BETTERMENTS

- Betterment - *Special property tax for a benefit furnished from the construction of a public improvement and assessed upon land benefited based in proportion to amount of benefit. Includes “local share” of sewer construction and associated engineering capital costs.*
- Assessments – Paid in Full **OR** Apportioned and Paid Over Time (maximum is typically 20 years)
- Massachusetts General Laws – All Properties Abutting Sewer Assessed





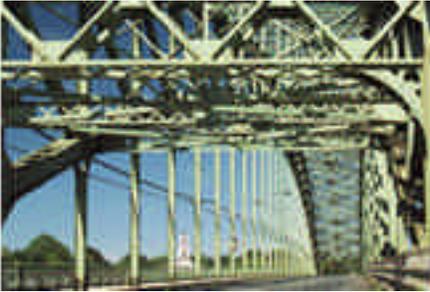
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## SEWER “HOOK-UP” COSTS

*-Private property owner costs to “connect into” the municipal sewer system. This one-time cost will vary by site, distance to public connection, terrain, etc. Costs can include:*

- Necessary electrical and plumbing connections
- Costs to abandon existing on-site wastewater system
- Costs to connect property to public infrastructure at property line - trenching and installing piping to connect to public sewer
- Property owner hires sewer/drain layers prequalified by the Town.
- Cost estimated to be \$4,500 to \$6,500.





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## USER FEE

*-User Fee – Annual fee levied to sewer users for the costs of maintaining and operating the sewer collection system and treatment facility (i.e. Sewer Bill similar to a Water Bill)*

*-The Current User Fee is \$496 per year.*





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# LIKELY COST SCENARIO FOR LOW PRESSURE SEWER

Total Project Cost	\$ 2,440,000		
Number of Lots	85		
Per Lot Cost	\$ 28,700		
Scenario	0% Betterment 100% General Fund	50% Betterment 50% General Fund	100% Betterment 0% General Fund
Betterment	\$ -	\$ 14,350	\$ 28,700
Hook-up Cost	\$ 5,750	\$ 5,500	\$ 5,500
Subtotal	\$ 5,750	\$ 19,850	\$ 34,200
Annual Cost			
Betterment and Hook-up (4% interest)	\$ 709	\$ 1,734	\$ 2,790
User Fees (Sewer Bill)	\$ 496	\$ 496	\$ 496
Total Annual Cost	\$ 1,205	\$ 2,230	\$ 3,286
Monthly Cost	\$ 100	\$ 186	\$ 274





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## PRELIMINARY SCHEDULE

- MEET WITH TOWN BOARDS – AUGUST TO SEPTEMBER 2012
- SPECIAL TOWN MEETING TO AUTHORIZE PROJECT OCTOBER 2012
- BID AND CONSTRUCT PROJECT JANUARY 2013 TO OCTOBER 2013
- SEWER CONNECTIONS CAN BEGIN OCTOBER/NOVEMBER 2013





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# QUESTIONS / FEED BACK

