

Newtonsville Area Wastewater
Collection and Treatment
Public Informational Meeting

July 30, 2019

Recent Events

- September 25, 2017 - Public Hearing held (Pattison Park Lodge)
- March 13, 2018 - Public Meeting held (C.N.E. High School)
- Written responses summarized and presented to BCC on May 9, 2018
 - Re-design, Support As-Is, or Discontinue

	Option Selected		
	Redesign to Full Gravity	Design & Costs As-Is	Discontinue Project
Property Owner Responses			
Redesign to Full Gravity	32	23	23
Design & Costs As-Is	16	22	22
Discontinue Project	34	37	37
Totals Property Owner Responses	82	82	82

Support option selected	32	22	37
Oppose / Support other option	50	60	45

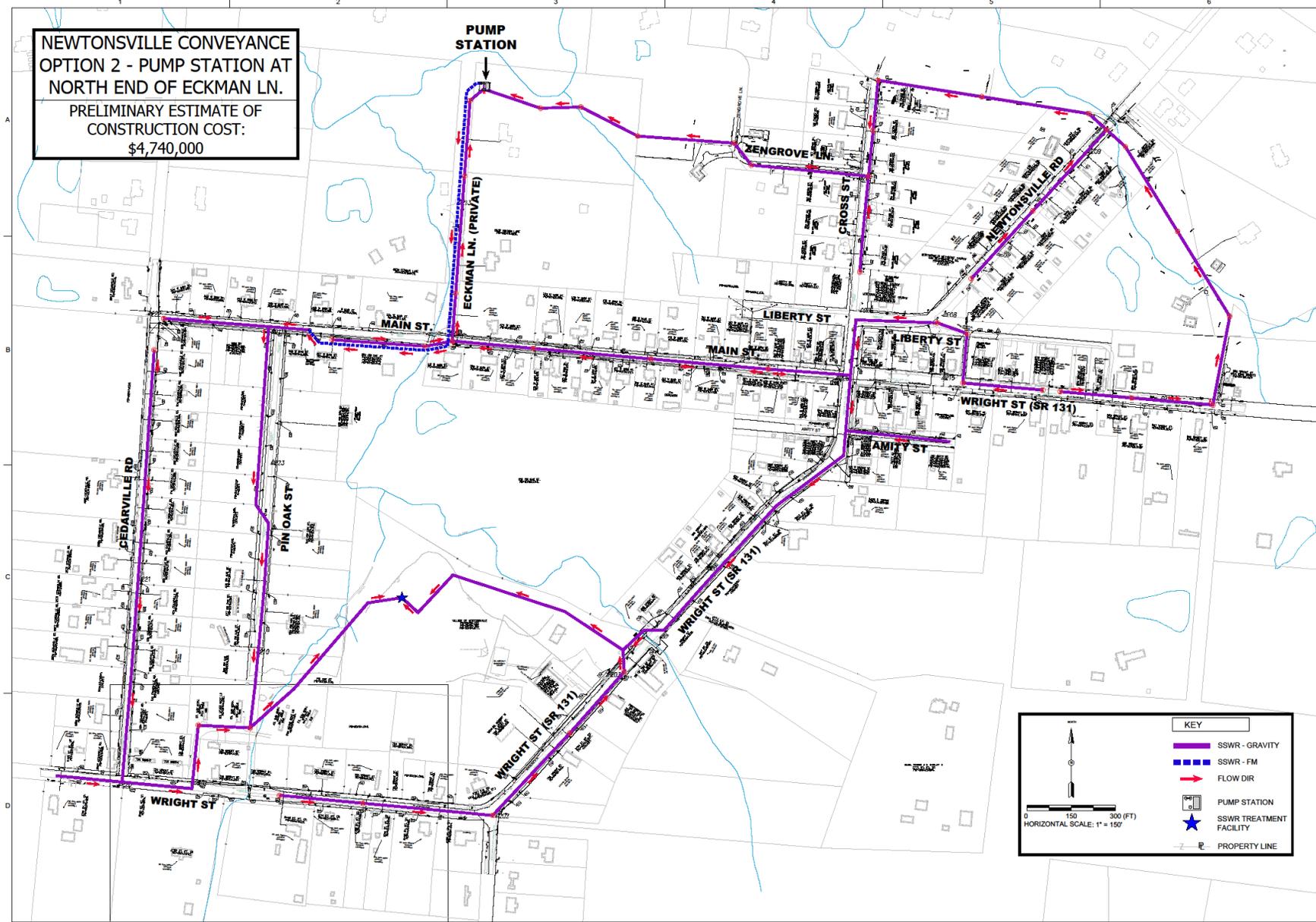
Support option selected	39%	27%	45%
Oppose / Support other option	61%	73%	55%

Total # of property owners in project area	139		
Total # of properties in project area	230		
# of owners who responded	82	59%	
# of properties represented by responding property owners	135	59%	

Recent Events, Continued

- June 25, 2018 - Engineering Agreement for Re-Design Approved
- September 25, 2018 - Public Meeting / Open House
 - Review three all-gravity options and estimated costs
- February 13, 2019 - Clermont County General Health District adopted Resolution Declaring the Village of Newtonsville a Public Health Hazard and Made Formal Complaint to OEPA to Investigate the Unsanitary Conditions
- March 21, 2019 – Village of Newtonsville adopts Ordinance authorizing the Board of County Commissioners to acquire, construct, operate and maintain sanitary sewers in the Village (ORC 6117.04)
- July 11, 2019 – 90% Detailed Design Drawings received
- July 22, 2019 – 90% Engineer’s Estimate of Construction Cost received

Collection System Design



**NEWTONSVILLE CONVEYANCE
 OPTION 2 - PUMP STATION AT
 NORTH END OF ECKMAN LN.**
 PRELIMINARY ESTIMATE OF
 CONSTRUCTION COST:
 \$4,740,000

KEY

- SSWR - GRAVITY
- - - SSWR - FM
- FLOW DIR
- PUMP STATION
- ★ SSWR TREATMENT FACILITY
- PROPERTY LINE

0 150 300 (FT)
 HORIZONTAL SCALE: 1" = 150'

VILLAGE OF NEWTONSVILLE
 WATER COLLECTION SYSTEM - PART B
 CLERMONT COUNTY WATER RESOURCES
 DEPARTMENT, CLERMONT COUNTY, OHIO

CONVEYANCE
OPTION 2
GRAVITY SSWR AND PUMP STATION
(AT ECKMAN RD)

NO.	DATE	DR	REVISION	CHK	BY

NTS
 VERIFY SCALE
 BAR IS ONE INCH ON
 ORIGINAL DRAWING: 1"

DATE: 2018-07-31
 PROJ: 707297
 DWG: CS-001-OPTION 2
 SHEET: 2 of 3

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Updated Construction Cost Estimates

- July, 2019 Construction Cost Estimates
 - Wastewater Treatment Plant = \$3.727M
 - Collection System = \$6.339M
 - Total = \$10.066M
- 23% Estimated Increase from Hybrid Collection System to Gravity
- Engineer using a more conservative pricing tool
- Under-estimated backfill quantities
- Construction Cost Index has increased ~13% over the past 5 years

Tentative Assessment Roll

- \$201.45 per front foot assessment method
- System Capacity Fees now shown separately
- System Capacity Fees (current rates)
 - \$3,340 for Single Family Residential
 - \$1,400 per one bedroom multifamily unit
 - \$1,990 per two bedroom multifamily unit
 - \$2,670 per three bedroom multifamily unit
 - \$4,450 for ¾" non-residential
 - \$4,900 for ¾" non-residential with food service
- Proposed WWTP has 21,020 gpd available for future growth
 - 21,020 gpd = 96 EDU's
 - 96x\$3,340 = \$320,640
- Existing homes/businesses/apartments
 - Capacity fees estimated at \$572,510
- Total Capacity Fees (Est.) = \$893,150 ---- an additional County contribution equal to this amount is recommended
- You do not pay capacity fees if you are not connecting to the sewer system

Project Costs & Funding

Summary of Costs			
EST. COST OF CONSTRUCTION	\$		10,066,000.00
EST. COST OF ENGINEERING	\$		1,021,007.00
EST. COST OF LAND AND ROW	\$		272,000.00
EST. COST OF LEGAL, ADMIN, AND MISC.	\$		104,000.00
BOND DISCOUNT	\$		-
INTEREST DURING CONSTRUCTION	\$		-
EST. COST OF CONTINGENCIES	\$		1,006,600.00
ESTIMATED TOTAL PROJECT COST	\$		12,469,607.00
ANTICIPATED OPWC GRANT	\$		(1,000,000.00)
USDA/RD Grant	\$		(2,000,000.00)
other	\$		(3,125,700.00)
CCWRD CONTRIBUTION (ENGINEERING, LEGAL, ADMIN. AND MISC. + County Contribution for Capacity Fees)	\$		(2,018,157.00)
BASIC BENEFIT ASSESSMENTS	\$		4,325,750.00
COST PER BENEFITTED FRONT FOOTAGE	\$		201.45
County Contribution for Capacity Fees			
current			\$572,510.00
future			\$320,640.00
total			\$893,150.00
23,000 gpd available for future growth = 105 EDU's			
105 x \$3340=\$350,700			
9 additional improvement assessments added lateral @ \$3,340			
96 x \$3340 = \$320,640			

Next Steps

- August, 2019 – OEPA to conduct field sampling to determine need for Health Nuisance Declaration
- August – September, 2019 – Resolution Ratifying Detailed Plans, Send Agricultural Notices, Resolution Declaring Necessity
- October, 2019 – Public Hearing
- October-November, 2019 – Resolution Determining to Proceed
- November, 2019 – April, 2020 – Easement Acquisition & Permitting
- June, 2020 – October, 2020 – Advertise for Bids, Bid Opening, Award/Execute Construction Contract(s)
- October, 2020 – USDA Loan Closing (Must be before April 26, 2021)
- October, 2020 – February, 2022 - Construction

Questions?