

Davie Community Redevelopment Agency

**Meeting Presentation
Potential Sanitary Sewers
On Eastside of Davie Road**

March 18, 2013



Meeting Presentation Potential Sanitary Sewers On Eastside of Davie Road

Proposed Improvements:

- Improvements are being planned for the neighborhood east of Davie Road.



Meeting Presentation Potential Sanitary Sewers On Eastside of Davie Road

- *Those improvements include:*
 - Installation of new water mains.
 - Replace undersized lines with larger mains which will permit fire hydrant installation.
 - Will allow for more water pressure to each residence.
 - Replace 2" lines with 6" – 8" lines





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- *This will permit increased fire protection and will allow for more water to be available to fight fires.*
 - Currently the Fire Department can only fight fires with the water stored on the fire trucks.



Meeting Presentation Potential Sanitary Sewers On Eastside of Davie Road



GRAPHIC SCALE IN FEET
1" = 200'

LEGEND:	
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	IMPROVEMENT BOUNDARY

PROPOSED WATER DISTRIBUTION IMPROVEMENTS

TOWN OF DAVIE EASTSIDE INFRASTRUCTURE IMPROVEMENTS

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CTA PROJECT #02-0025-001-03
PREPARED FOR: THE TOWN OF DAVIE



Meeting Presentation Potential Sanitary Sewers On Eastside of Davie Road

- *Installation of storm sewers on certain streets.*
 - *Storm sewers will permit collection of water to L-Lake and then out to C-11 canal.*



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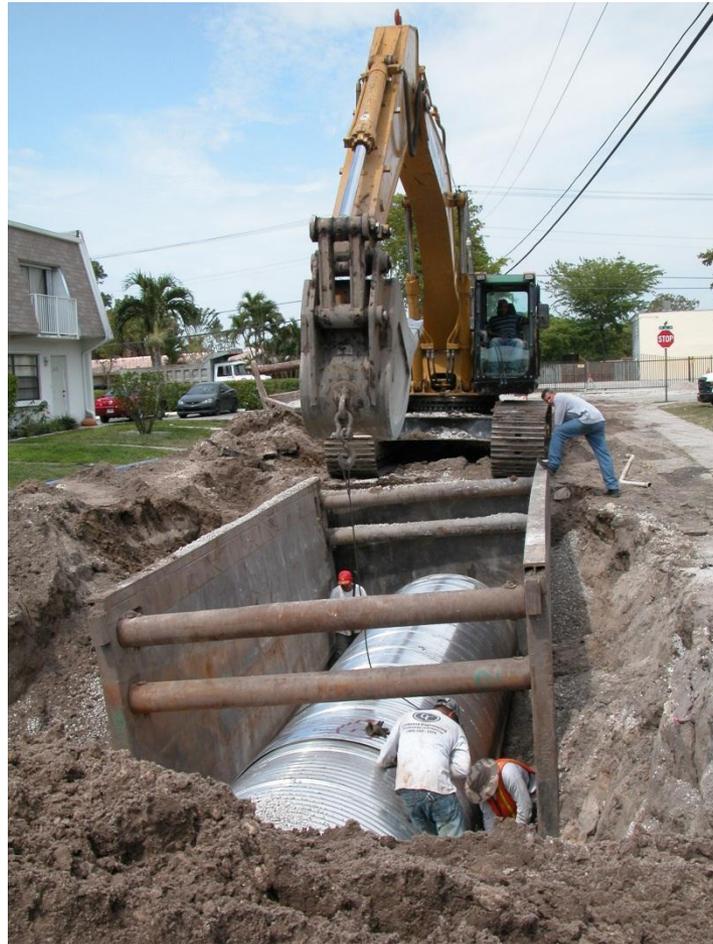


Meeting Presentation Potential Sanitary Sewers On Eastside of Davie Road

- *This will provide additional flood protection and will provide storm water storage which will alleviate the need for storage on each lot as required by Central Broward Water Control District.*



Meeting Presentation Potential Sanitary Sewers On Eastside of Davie Road





Meeting Presentation Potential Sanitary Sewers On Eastside of Davie Road

- Streets, sidewalks and swale areas will be replaced. Streets will be torn up by the installation of utilities.*

Before



After





Meeting Presentation Potential Sanitary Sewers On Eastside of Davie Road

- *Potential to install sanitary sewers*
 - *Seeking feedback from the residents regarding if sanitary sewers will be installed to replace existing septic systems.*
 - *Sanitary sewers are more environmentally sensitive with less potential to contaminate the water supply.*
 - *Sewers are a more permanent improvement and could end the need to clean or replace a septic system.*



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- Estimated cost of replacing a septic tank and drain field is \$ 8,000 to \$ 12,500*





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- *CRA will be installing the water mains and storm sewers. The purpose of this meeting is to gauge the interest for the installation of sanitary sewers.*



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EXISTING LIFT STATION #1
SANITARY SERVICE BOUNDARIES

**TOWN OF DAVIE
EASTSIDE INFRASTRUCTURE
IMPROVEMENTS**

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Meeting Presentation Potential Sanitary Sewers On Eastside of Davie Road



GRAPHIC SCALE IN FEET
1" = 200'

LEGEND:

- LIFT STATION BOUNDARY
- EXISTING SANITARY SEWER TO EXISTING LIFT STATION #1
- PROPOSED SANITARY SEWER TO EXISTING LIFT STATION #1
- AREA CURRENTLY SERVED BY EXISTING LIFT STATION #1

PROPOSED SANITARY SEWER IMPROVEMENTS TO LIFT STATION #1

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CTA PROJECT #02-0025-801-03
PREPARED FOR: THE TOWN OF DAVIE



Meeting Presentation Potential Sanitary Sewers On Eastside of Davie Road

- *What are the costs and who will pay?*
 - The Davie CRA will pay the entire cost of installation of the sanitary sewers and all related fees.
 - There will be **NO COST** to the homeowners - residents.
 - Residents will incur a new monthly charge for sewer on their utility bill.



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- ***Costs of Installation and Related Fees:***
 - CRA will pay for:
 - Cost of installation of sanitary sewer mains.
 - Cost of connecting a sewer line from the property line to the house and abandonment of the septic tank. (Approximately \$4,000 per property)
 - Cost of sewer impact fee and recording cost from the Utility Department. (Approximately \$3,045 per property)



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– Recovery fee to Utility Department –
(Approximately \$446.05 per property).

TOTAL \$7,491.05 or \$7,500 per property.

- These fees would be paid by the Davie CRA at an approximate cost of \$3,500,000.
- The CRA is willing to make these payments if that is what a majority of what the homeowners would like.



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- **Cost to the Homeowner/Resident**
 - The monthly utility bill from the Town of Davie has two parts.
 - Water
 - Sewer
 - The basis for the bill is the amount of water consumption used during each month.
 - A chart showing the current rates was sent to each property owner/resident.



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RESIDENTIAL SINGLE FAMILY & IRRIGATION															
Usage (TG)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 +
Water															
Base Charges	\$19.35	\$19.35	\$19.35	\$19.35	\$19.35	\$19.35	\$19.35	\$19.35	\$19.35	\$19.35	\$19.35	\$19.35	\$19.35	\$19.35	\$19.35
Usage Charges	\$3.19	\$6.38	\$9.57	\$12.76	\$15.95	\$21.19	\$26.43	\$31.67	\$36.91	\$42.15	\$49.77	\$57.39	\$65.01	\$72.63	\$80.25
Current Charges	\$22.54	\$25.73	\$28.92	\$32.11	\$35.30	\$40.54	\$45.78	\$51.02	\$56.26	\$61.50	\$69.12	\$76.74	\$84.36	\$91.98	\$99.60
Sewer															
Base Charges	\$34.64	\$34.64	\$34.64	\$34.64	\$34.64	\$34.64	\$34.64	\$34.64	\$34.64	\$34.64	\$34.64	\$34.64	\$34.64	\$34.64	\$34.64
Usage Charges	\$6.24	\$12.48	\$18.72	\$24.96	\$31.20	\$37.44	\$43.68	\$49.92	\$56.16	\$62.40	\$68.64	\$74.88	\$81.12	\$87.36	\$93.60
New Charges	\$40.88	\$47.12	\$53.36	\$59.60	\$65.84	\$72.08	\$78.32	\$84.56	\$90.80	\$97.04	\$103.28	\$109.52	\$115.76	\$122.00	\$128.24
Total Charges	\$63.42	\$72.85	\$82.28	\$91.71	\$101.14	\$112.62	\$124.10	\$135.58	\$147.06	\$158.54	\$172.40	\$186.26	\$200.12	\$213.98	\$227.84

RESIDENTIAL MULTI-UNIT												
Usage (TG)	1	2	3	4	5	6	7	8	9	10	11	12 +
Water												
Base Charges	\$15.46	\$15.46	\$15.46	\$15.46	\$15.46	\$15.46	\$15.46	\$15.46	\$15.46	\$15.46	\$15.46	\$15.46
Usage Charges	\$3.19	\$6.38	\$9.57	\$12.76	\$18.00	\$23.24	\$28.48	\$33.72	\$38.96	\$48.96	\$56.58	\$64.20
Current Charges	\$18.65	\$21.84	\$25.03	\$28.22	\$33.46	\$38.70	\$43.94	\$49.18	\$54.42	\$64.42	\$72.04	\$79.66
Sewer												
Base Charges	\$27.71	\$27.71	\$27.71	\$27.71	\$27.71	\$27.71	\$27.71	\$27.71	\$27.71	\$27.71	\$27.71	\$27.71
Usage Charges	\$6.24	\$12.48	\$18.72	\$24.96	\$31.20	\$37.44	\$43.68	\$49.92	\$56.16	\$62.40	\$68.64	\$74.88
New Charges	\$33.95	\$40.19	\$46.43	\$52.67	\$58.91	\$65.15	\$71.39	\$77.63	\$83.87	\$90.11	\$96.35	\$102.59
Total Charges	\$52.60	\$62.03	\$71.46	\$80.89	\$92.37	\$103.85	\$115.33	\$126.81	\$138.29	\$154.53	\$168.39	\$182.25

TG : Thousand Gallons

- The chart above reflects the current rate charges and is subject to change.



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- **EXAMPLE:**

- **A family using 3,000 gallons of water per month would be charged \$28.92.**

- Base charge of \$19.35 and usage charge of \$9.57 for water.
 - Each property currently pays this amount.
 - **For 3,000 gallons of water, the sewer charge will be \$56.36 (Base charge of \$34.64 and usage charge of \$18.72)**
 - **The total bill would be \$28.92 + \$53.36 for a total of \$82.28**



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- If a majority of residents are in favor of the sanitary sewers then the CRA Board will consider the installation.
- After the plans are completed and permitted, the project will be put out to bid.
- A contract will be awarded and construction will begin. Approximate time before project will begin is 1 year.



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Questions and/or Comments....