

City of San Antonio

2017 Bond Program Development Community Committee Meeting No. 2

Drainage & Flood Control

Presented by: Mike Frisbie, P.E., Director/City Engineer

October 27, 2016

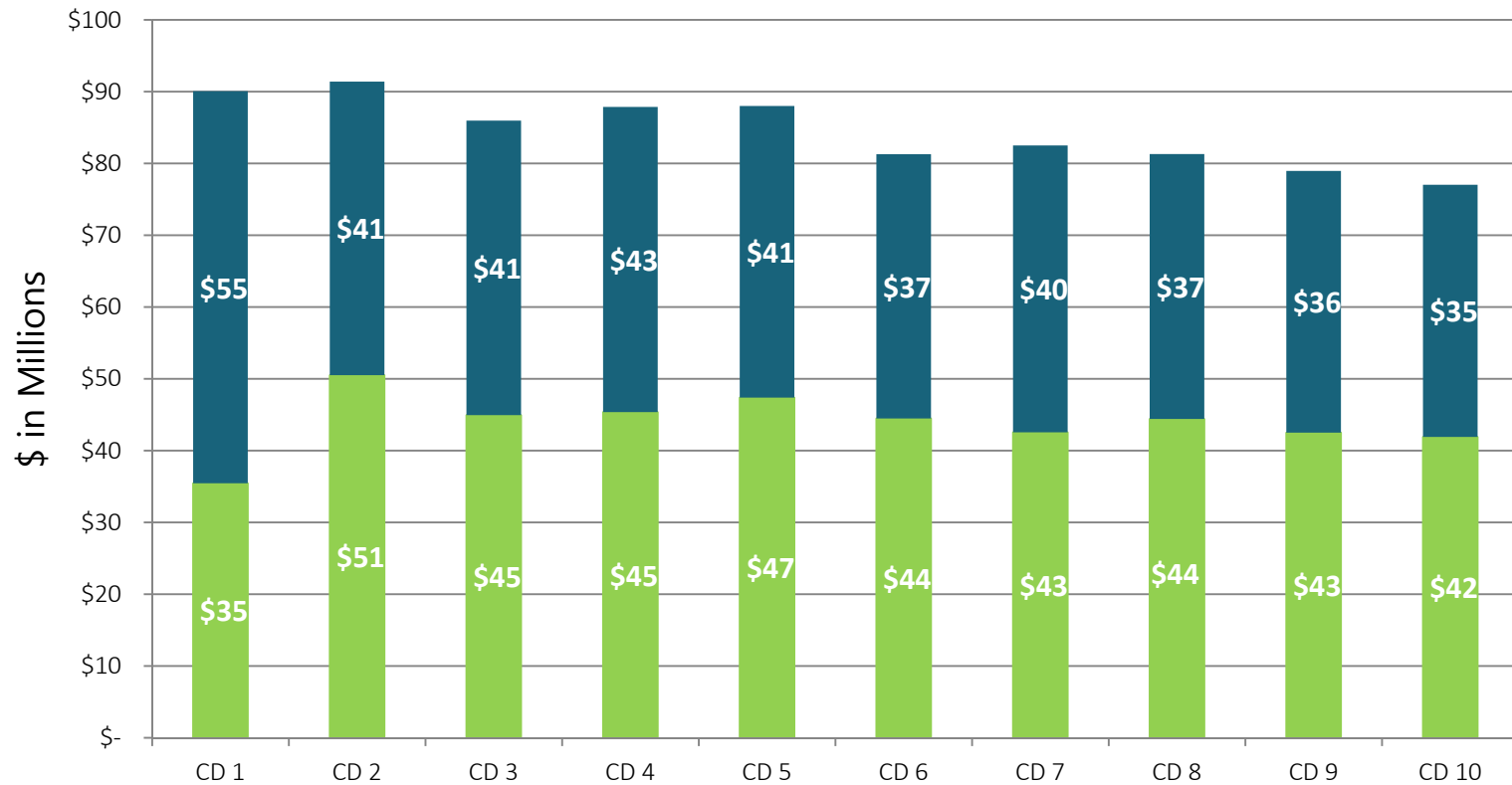
AGENDA

- Rough Proportionality
- Unfunded Project Requests Follow Up

Rough Proportionality Methodology

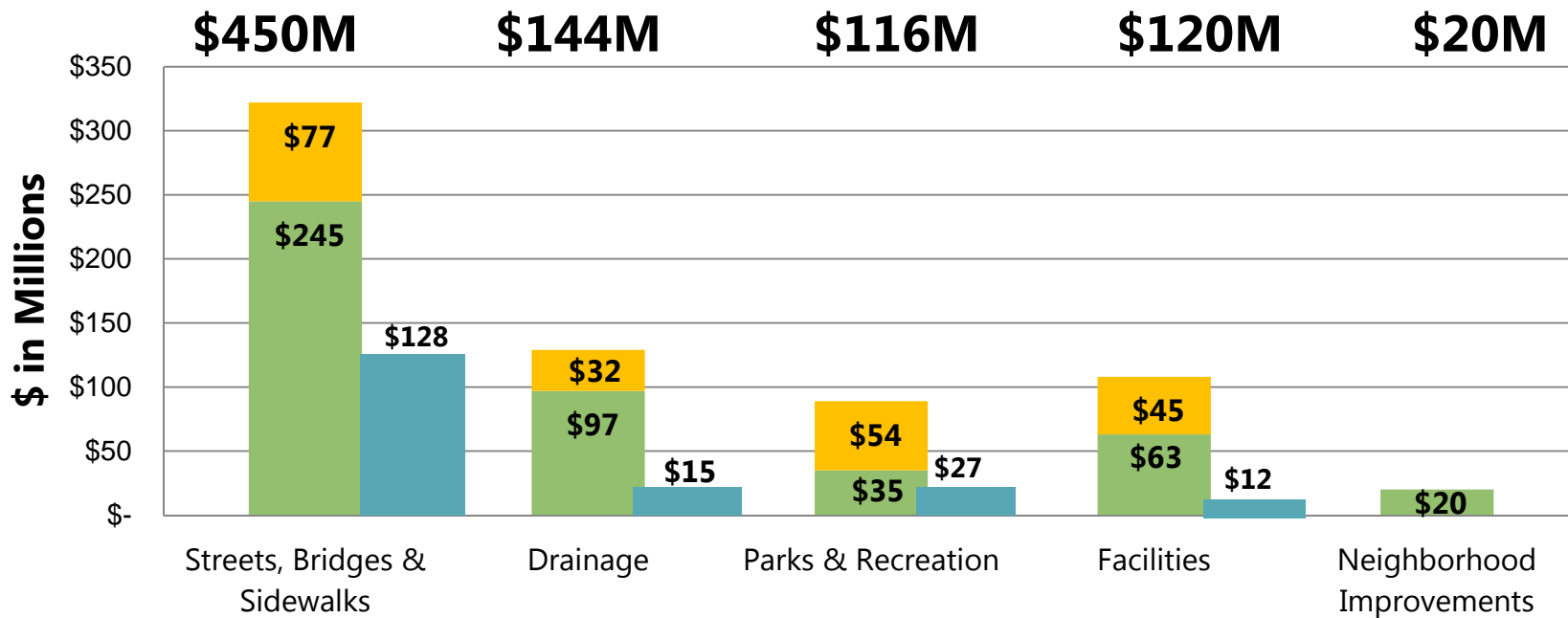
- Identify greatest needs then recommend projects, as opposed to identify funding by geographic areas then recommend projects
- Areas of City have different infrastructure needs
- Project selection provides roughly equal investment across City
- Needs addressed through variety of programs: Bond Program, Five – Year Infrastructure Management Program and Linear Creekway Program

Rough Proportionality | Staff Recommendation



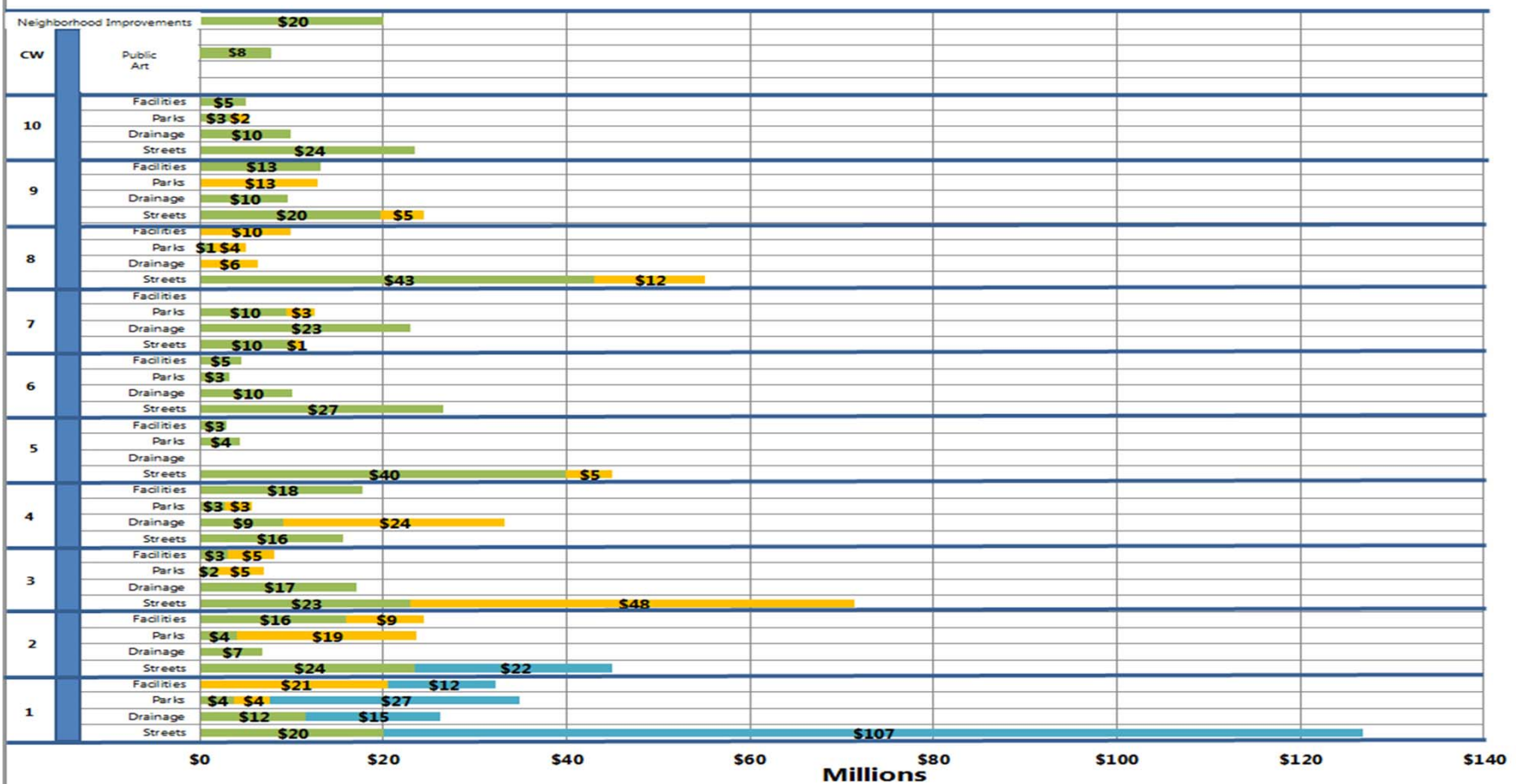
2017 Bond Program	4.17%	5.94%	5.29%	5.34%	5.58%	5.23%	5.00%	5.22%	5.00%	4.93%
IMP & Parks CIP	13.32%	9.97%	10.00%	10.37%	9.91%	8.98%	9.75%	9.01%	8.89%	8.57%
Overall	7.15%	7.25%	6.82%	6.97%	6.98%	6.45%	6.55%	6.45%	6.27%	6.11%

2017 – 2022 Proposed Bond Program Staff Recommendation Summary By Project Type & Program Area



Dollars (\$) in Millions	Streets, Bridges & Sidewalks		Drainage	Parks & Recreation	Facilities	Neighborhood Improvements	Total					
District Projects	\$	245	\$	97	\$	63	\$	20	\$	460		
District Projects w/Citywide Impact	\$	77	\$	32	\$	54	\$	45	\$	-	\$	208
Downtown Projects w/Citywide Impact	\$	128	\$	15	\$	27	\$	12	\$	-	\$	182
Total	\$	450	\$	144	\$	116	\$	120	\$	20	\$	850

2017 – 2022 Proposed Bond Program Staff Recommendation Summary By District, Project Type & Program Area



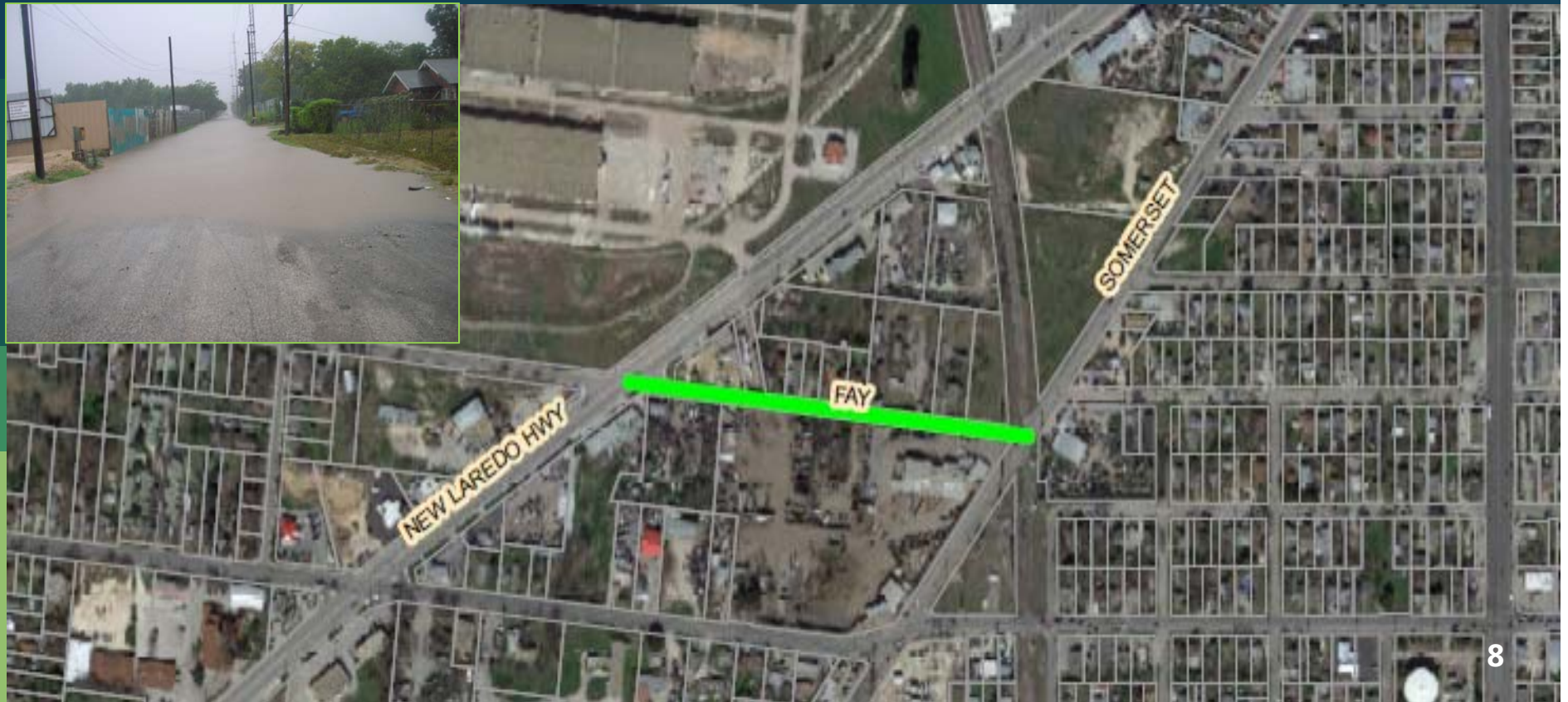


Project Follow Ups

- Other District 5 Projects
- N. New Braunfels
- Overbrook Channel
- Laddie Place/Kampmann Area

Fay Avenue \$1.7 Million

Street reconstruction and drainage infrastructure from New Laredo Hwy to Somerset.



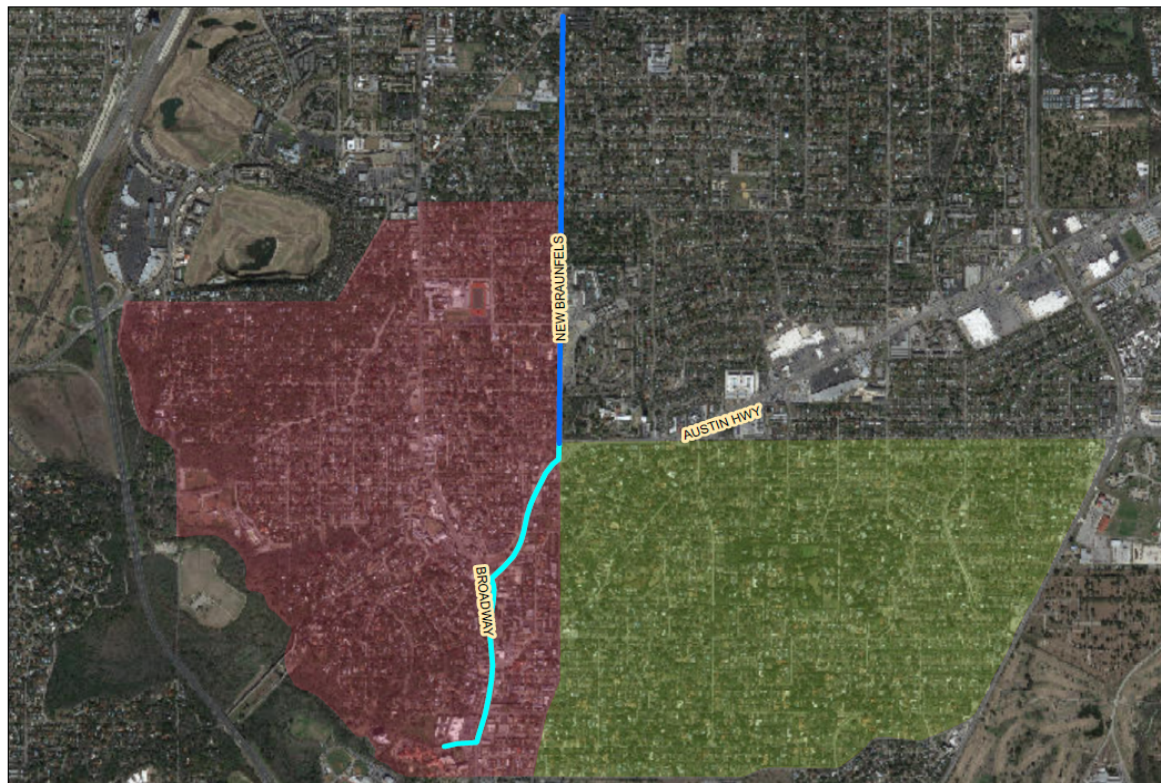
Coyol St. Drainage

\$400,000

Drainage pipe installation from 38th Street to Dead-End.



N. New Braunfels Drainage improvements along N. New Braunfels \$35 Million (Does not include Broadway Cost)



— N New Braunfels — Broadway — Alamo Heights — Terrell Hills

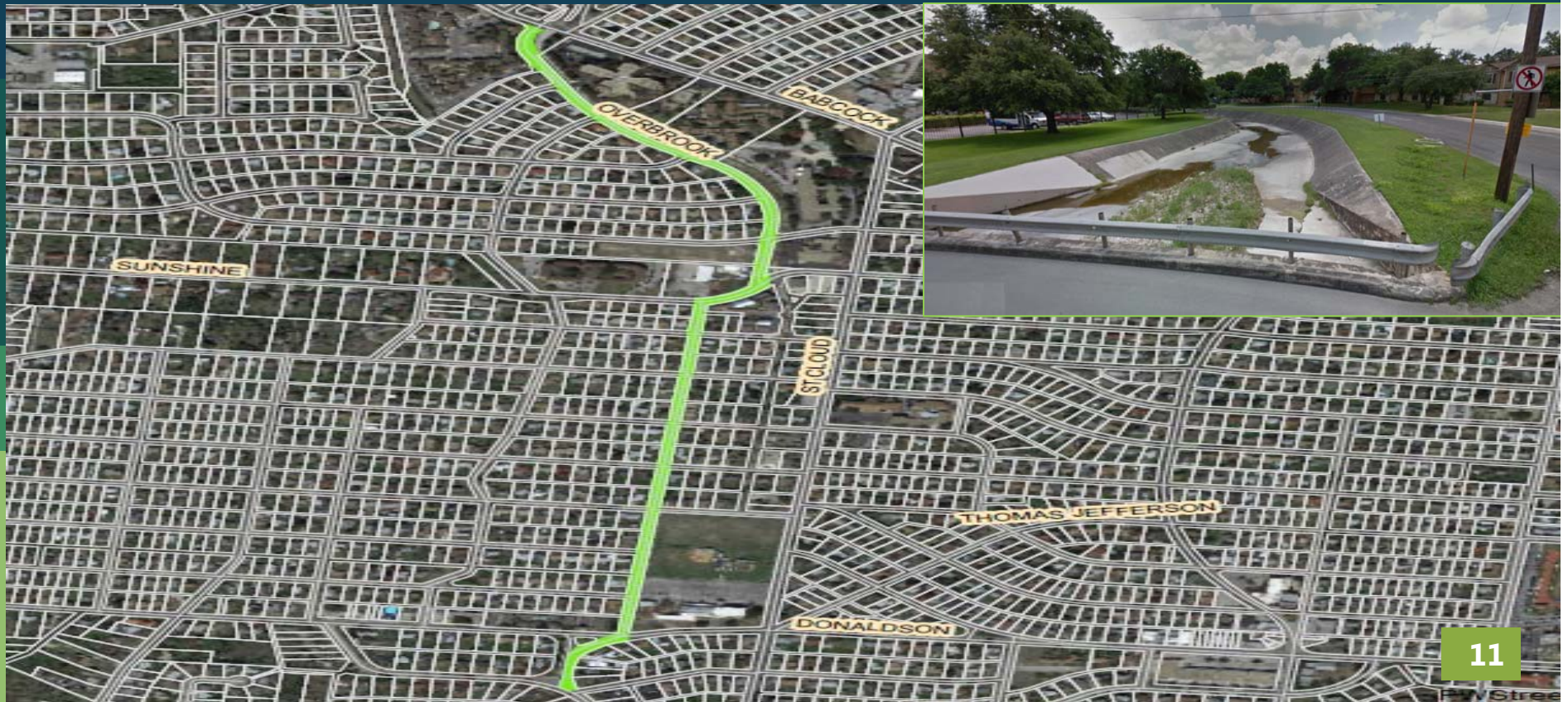


Photo 2: Localized flooding of North New Braunfels Avenue (adjacent to Sunset Ridge shopping center looking north).

Overbook Channel

\$20 Million

Drainage improvements to Overbook Channel.



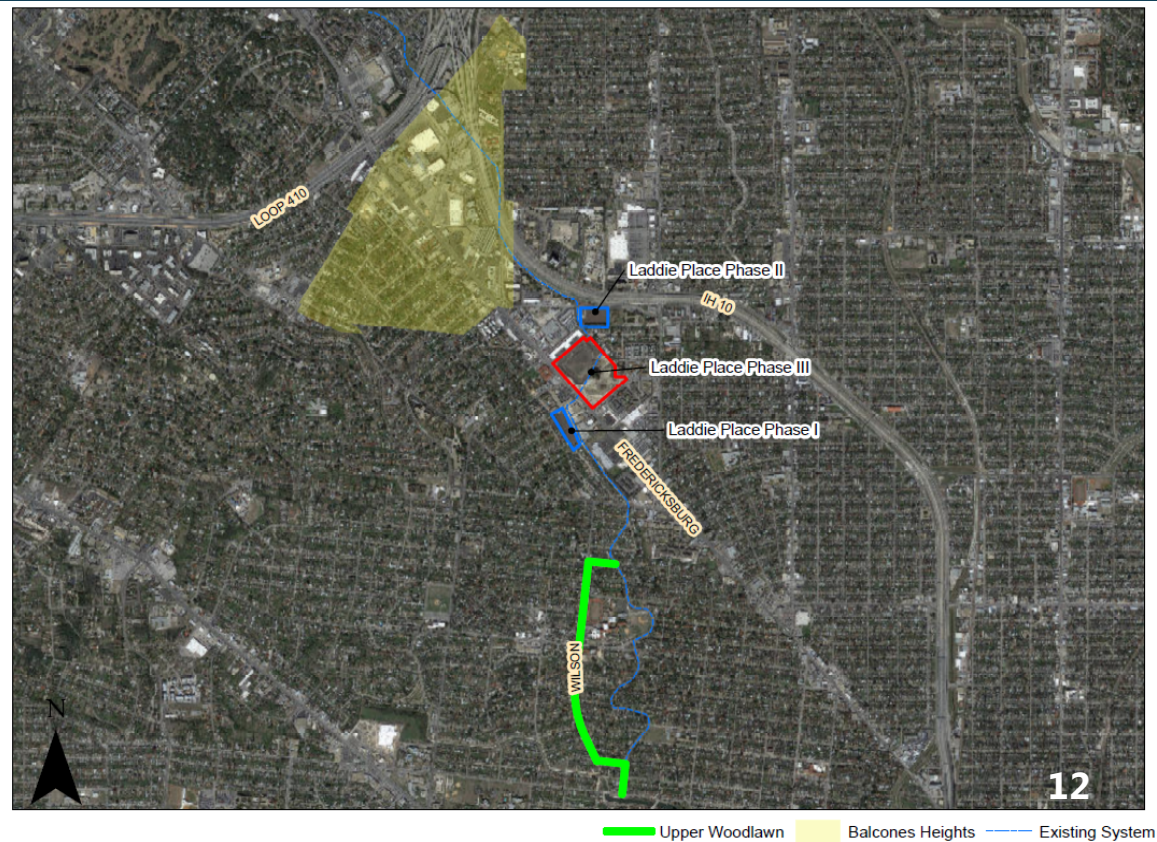
Laddie Place/Kampmann Area

Request for drainage improvements in Laddie Place/Kampmann areas.

Option 1 – Modify Laddie Place detention ponds 1&2

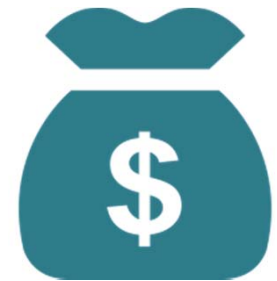
Option 2-4 – Providing additional detention and/or modifying drainage system in Kampmann area

Option 5 – Reconstruction of existing Kampmann underground storm drainage



Alternative Funding

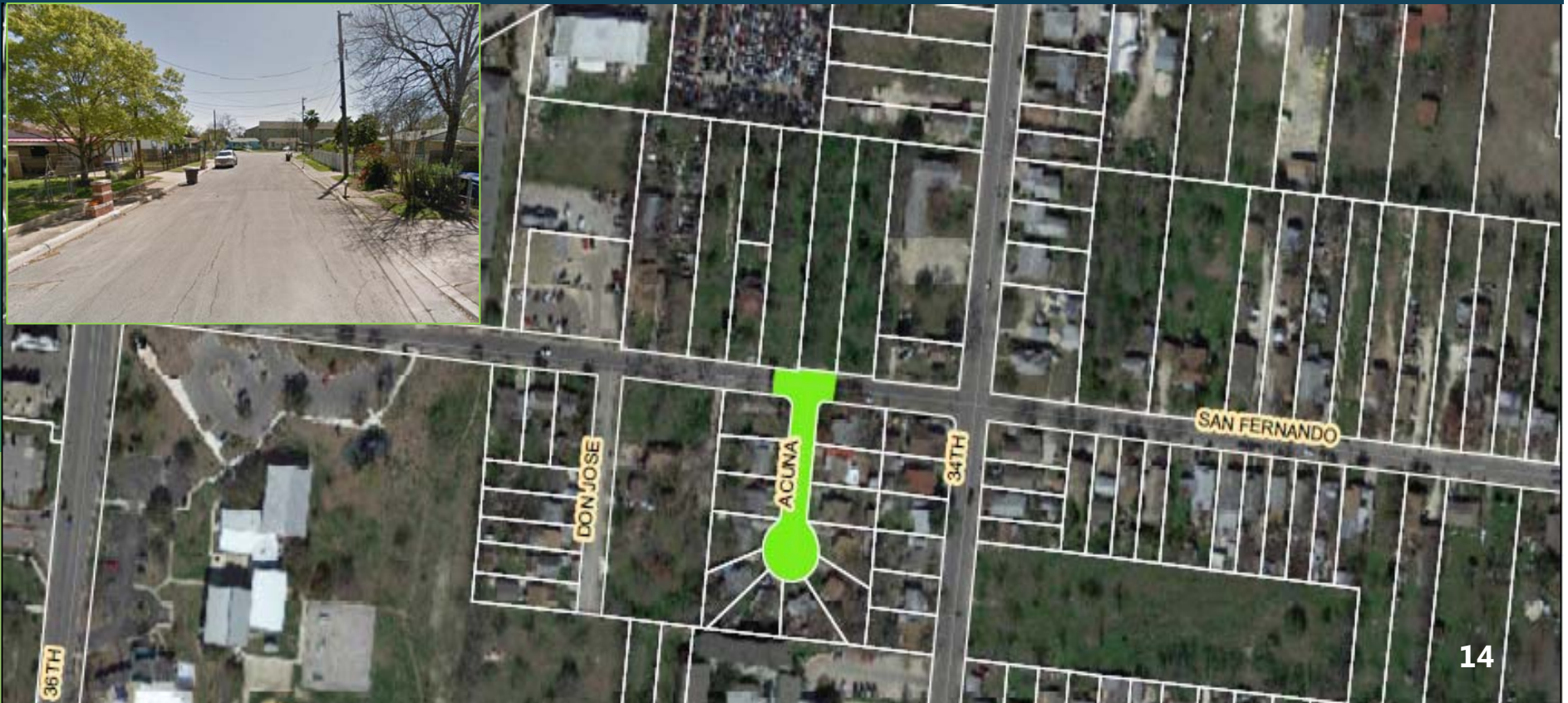
- Acuna Street



Acuna Street

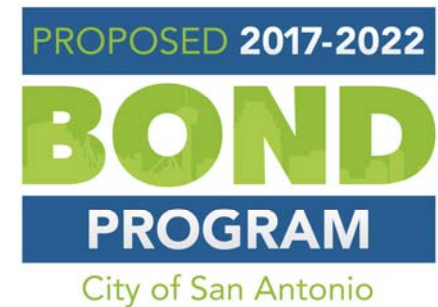
\$600,000

Reconstruction of Acuna from San Fernando to the cul-de-sac.



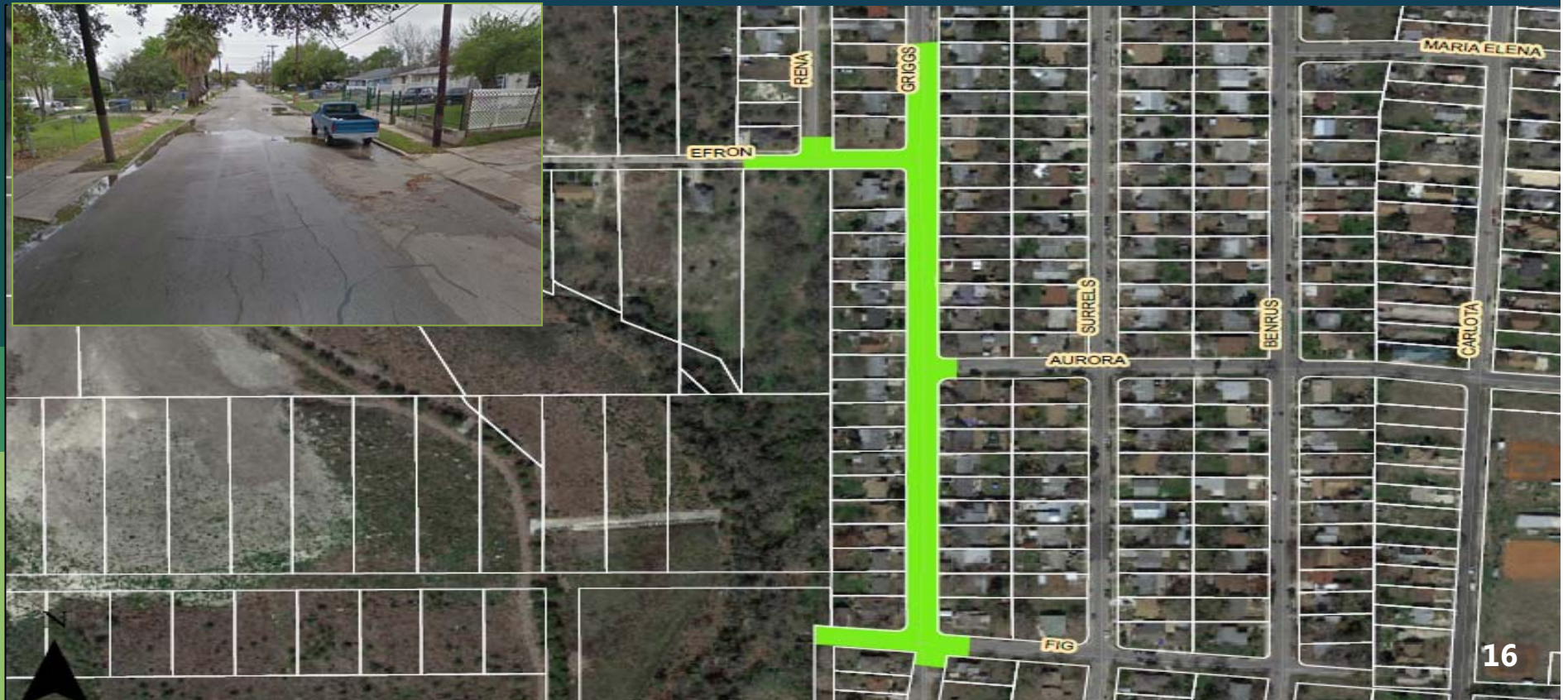
Bond Program Consideration

- Griggs Avenue
- Vidor Ave. Area



Griggs Avenue \$2.4 Million

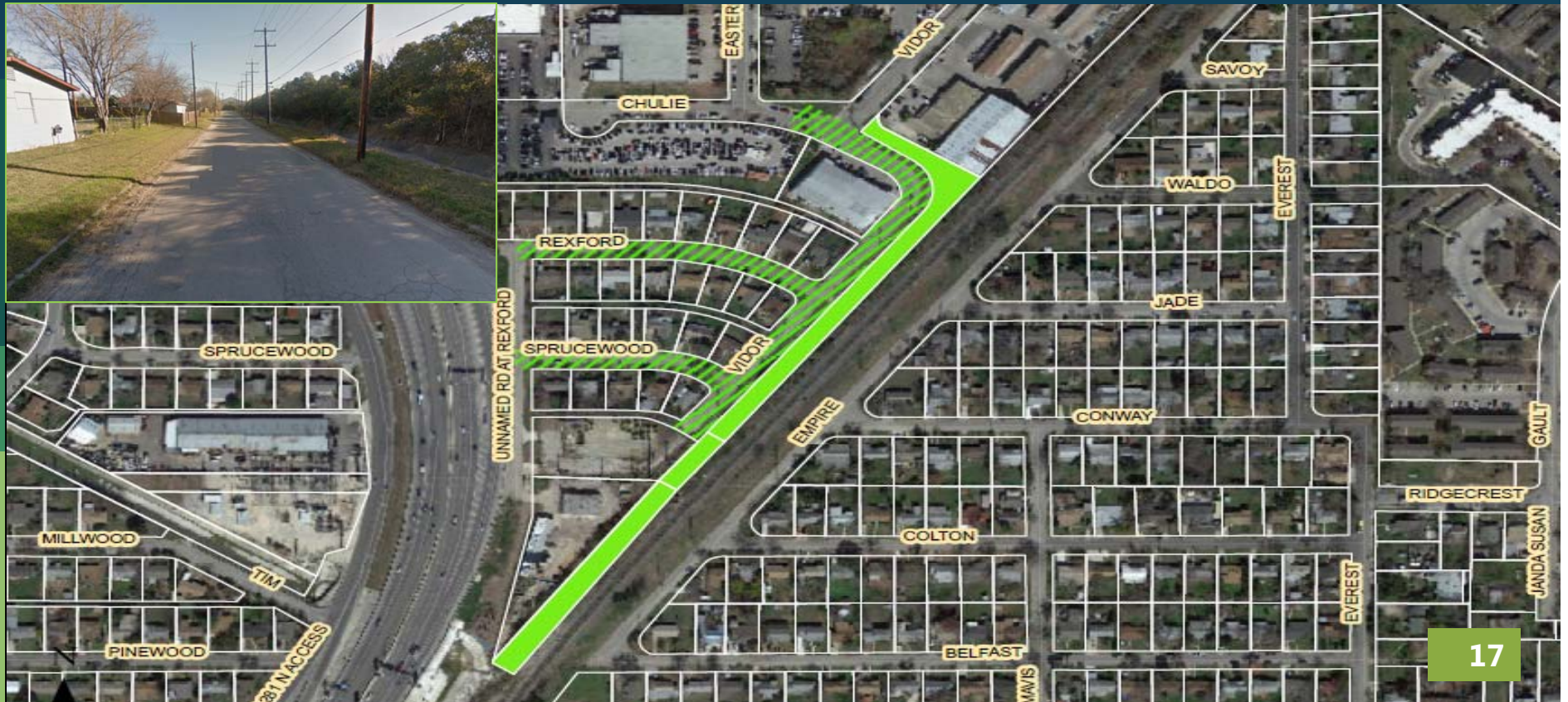
Reconstruction of Griggs Avenue from Fig to just north of Efron Avenue.



Vidor Ave. Area Drainage

\$6.7 Million

Reconstruction of area streets and existing drainage channel.



Summary

PROJECT	SCOPE	AMOUNT	STAFF RECOMMENDATION
N. New Braunfels	Drainage improvements along N. New Braunfels.	\$35,000,000	Non-viable due to downstream impacts.
Overbrook Channel	Drainage improvements to Overbrook Channel	\$20,000,000	Non-viable due to downstream impacts.
Laddie Place / Kampmann Area	Improvements to existing detention ponds and drainage infrastructure.	Opt.1: \$0 Opt.2-4: TBD Opt.5: \$39,690,000	Opt.1: Non-viable. Opt.2-4: Additional studies required. Opt.5: Non-viable
Acuna Street	Reconstruction of Acuna from San Fernando to cul-de-sac.	\$600,000	Include as a potential Infrastructure Management Program (IMP) project or Capital Project.
Griggs Avenue	Reconstruction of Griggs Avenue from Fig to just north of Efron Avenue.	\$2,400,000	Bond program consideration.
Vidor Avenue Area Drainage	Reconstruction of area streets and existing channel.	\$6,700,000	Bond program consideration.

Total of 2 Projects Valued at \$9.1 Million Recommended for Bond Program Consideration

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