



SAN ANTONIO
RIVER AUTHORITY

Broadway Project

July 23, 2021





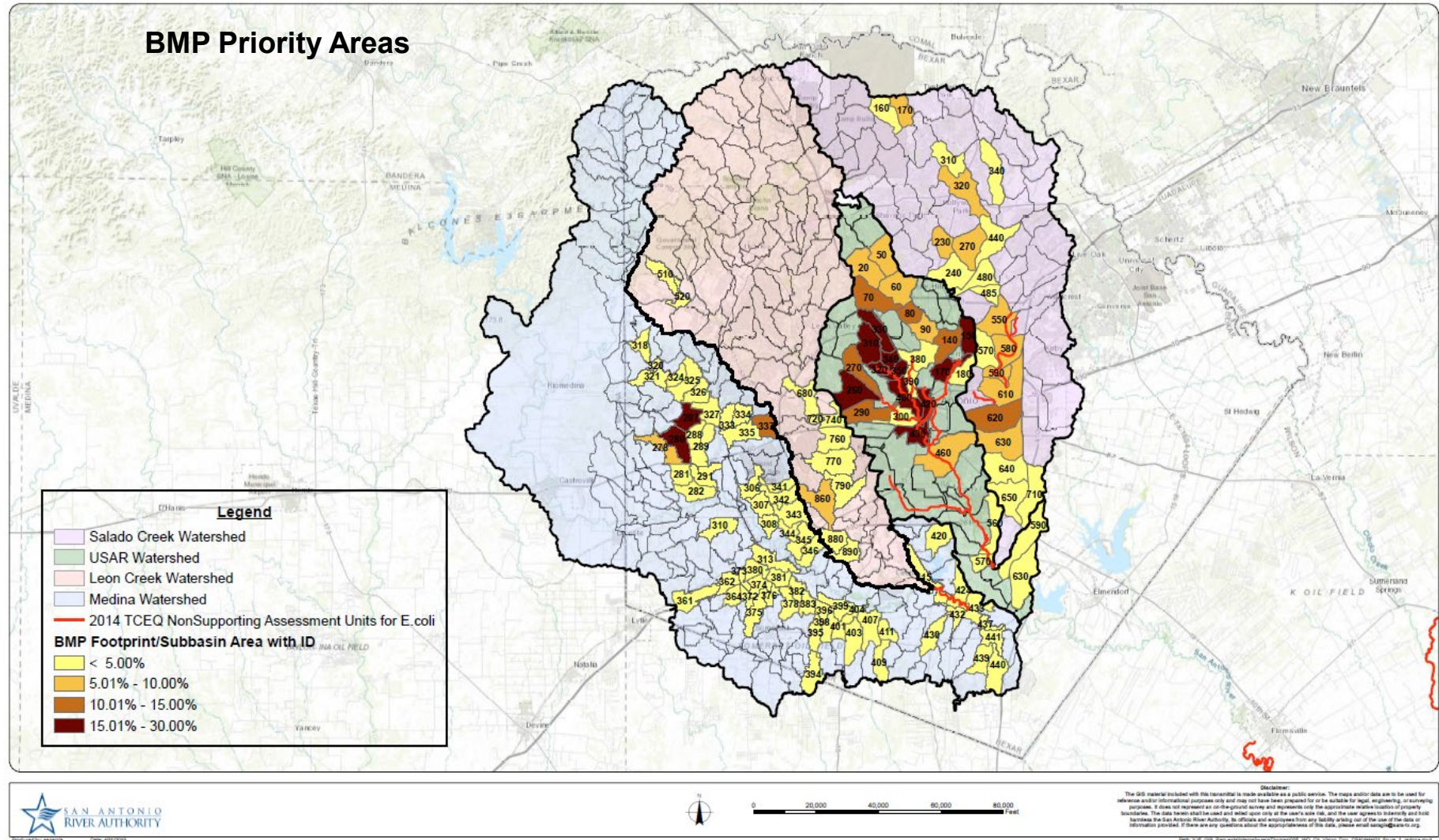
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Objective 3:

Invest in projects and incentives that improve water quality within the basin



BMP Priority Areas



Bond Projects for BMP Consideration

- **Broadway Corridor**
- S. Alamo Street
- Roosevelt Avenue
- District 9 Senior Center
- Woodlawn Multi-Generational Center
- World Heritage Center



Interlocal Agreement with the City of San Antonio

- Agreement approved in Oct 2019
 - SARA will partner with the City of San Antonio to incorporate BMPs on select 2017-2022 bond projects
- Separate task orders for each project
 - Consult on BMP incorporation
 - Fund to help offset additional cost for LID
 - Water Quality Monitoring where needed





Broadway Corridor

Lower Broadway

(E. Houston St to Roy Smith)

- 100% Design
- Bioretention and permeable pavement

Upper Broadway

(Roy Smith to Mulberry Ave.)

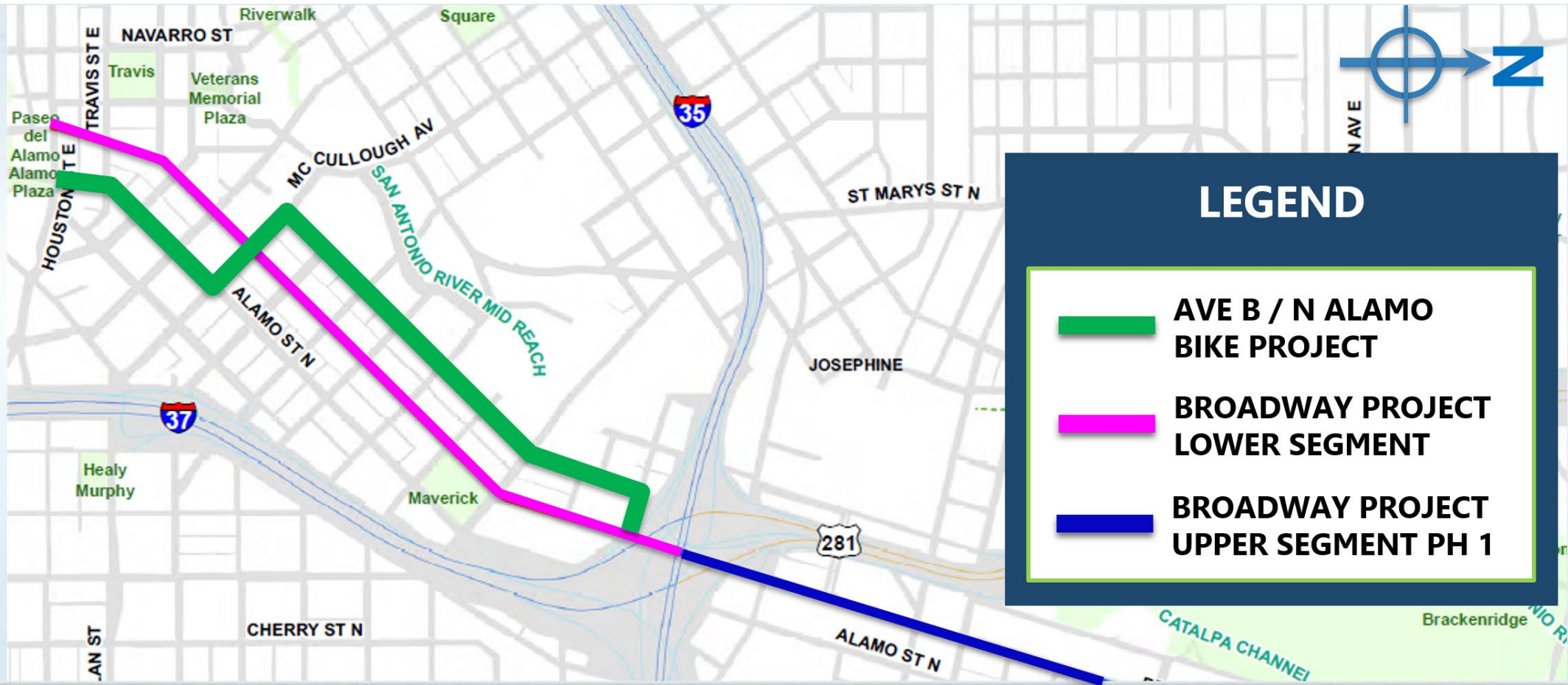
- 70% Design
- Bioretention

Location Map

(<https://gis.sanantonio.gov/TCI/BondProjects>)



Broadway



Plan View



Construction Schedule for Broadway

Phases	Construction Start	Construction End
Lower Broadway	July 2020	November 2023
Upper Broadway (Ph1)	September 2022	August 2024



Budget for Lower Broadway

Phases	River Authority's Share
Lower Broadway	\$396,195.37
Upper Broadway (Ph1)	*\$301,523.27

**Draft Estimate*

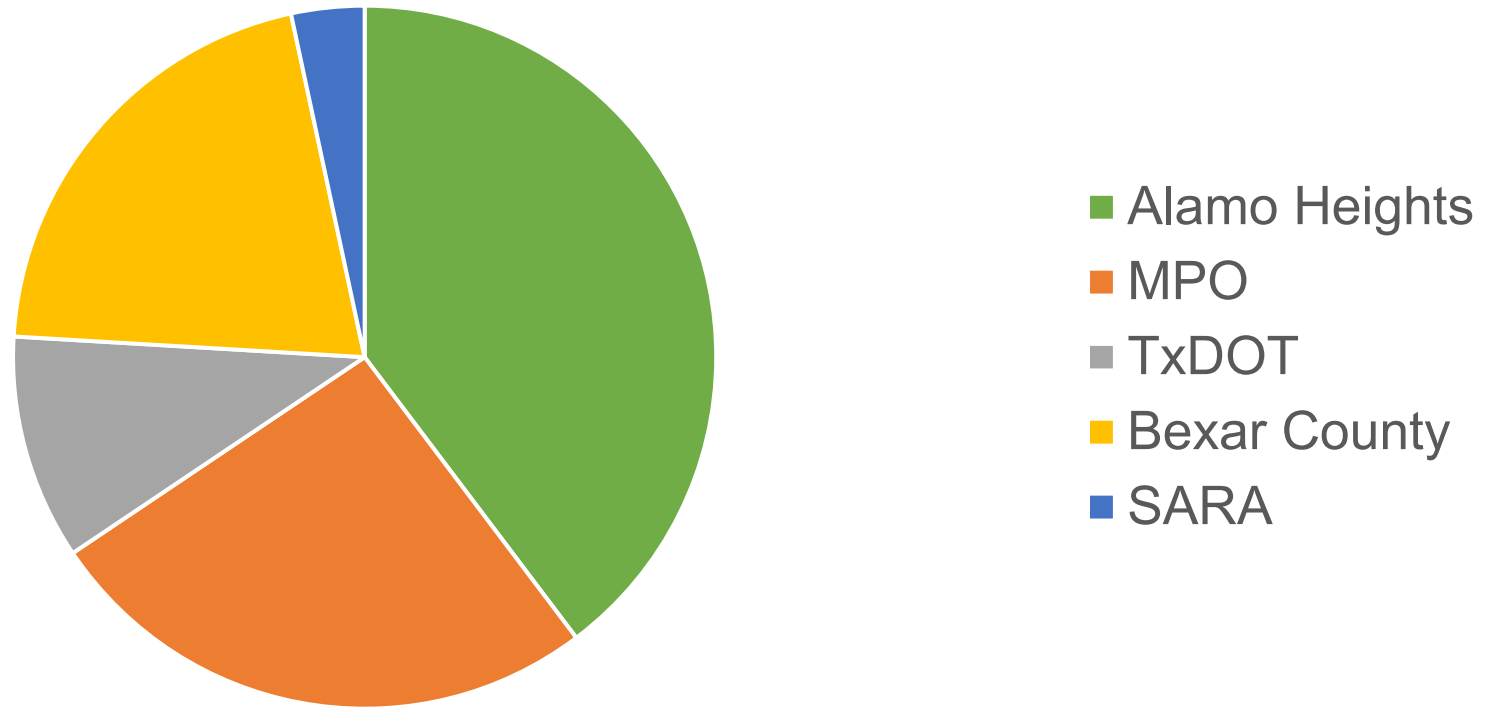


GSI Broadway, Alamo Heights

- Installation of green stormwater infrastructure (GSI) along Broadway street.



Funding Partnerships



AH ILA Cost Estimates

	Bioswales	Permeable Pavers
Area	37,350 ft ²	4,149 ft ²
Cost / ft ²	\$ 26.50	\$ 34.00
Contingency	15%	15%
Cost by Type	\$ 1,138,241.25	\$162,225.90
Total Estimated Cost		\$1,300,467.15

Interlocal Agreement	FY 20-21	FY 21-22	FY 22-23	FY23-24	FY 24-25
Design/Construction	\$100,000	\$300,000	\$300,000	\$300,000	\$300,000
				Total	\$1,300,000



AH ILA Proposed Schedule

- January 2021- November 2021
 - 30% Schematic Development
 - Environmental Studies
- April 2022
 - 60% Design
- September 2022
 - 95% Design
- November 2022 -2023
 - Utility Relocations
- March 2024
 - Begin Construction



River Authority Responsibilities

- Staff will assist with design and collaborate with City engineers and consultants
- Provide training to City on GSI design, construction, and O&M best practices
- Provide partial funding for the design and construction of GSI features



Questions?

