

CITY OF AUSTIN
INFRASTRUCTURE GROUP

2016 Mobility Bond Corridor Implementation Update and Sidewalk Implementation Criteria

Mobility Committee
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Director, Public Works Director, Corridor Program

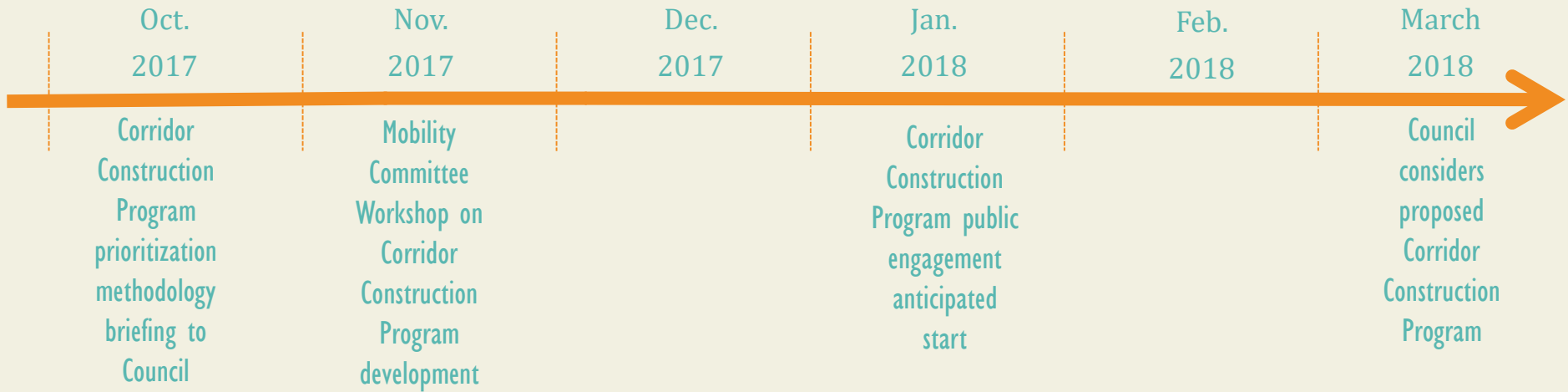


Overview

Agenda

- Corridor Implementation Update
- Sidewalk Program Funding and Prioritization

KEY CORRIDOR CONSTRUCTION PROGRAM MILESTONES



Sidewalk Program: Sidewalk Work and Funding

- Sidewalk work performed
- Sidewalk work performed by funding source
- Current Funding allocation



Overview



Sidewalk Work Performed

Construction / Rehabilitation

- New Sidewalks
- Complete Sidewalk Replacement
- Bus Stops

Repair

- Lifting and Grinding

Maintenance

- Vegetation Clearing
- Cleaning

ADA Transition Plan

- Rehabilitation
- Ramps
- Bus Stops
- Vegetation Clearing



Overview



Sidewalk Work Performed by Funding Source

New Construction / Rehabilitation (Capital Budget)

- General Obligation Bonds
- Sidewalk Fee In Lieu
- Grant Funding
- Other funding: CapMetro, TX-DOT

Maintenance / Repair (Operating Budget)

- Transportation User Fee (TUF)

ADA Transition Plan (Capital & Operating Budget)

- Rehabilitation (Capital)
- Ramps (Capital and Operating)
- Bus Stops (Capital)
- Vegetation Clearing (Operating)



Current Funding Allocation



Work Performed	City of Austin Sources					CapMetro			Grants
	2012 Bond	2016 Bond	Street Recon / Rehab ²	TUF	SW In-Lieu	1/4 Cent	Build Greater Austin	Bus Stop	N. Lamar Sidewalk Grant
New Sidewalks	\$600k	\$37.5M	\$0		\$1.8M	\$8M	\$1M		\$1M
Rehabilitation						\$560K	\$1M	2M	
Maintenance / Repair				\$1M			\$500k		

¹ ADA Transition Plan activities include rehabilitation, ramps, bus stops, and vegetation clearing. New sidewalks add and provide new ADA compliant accessibility throughout the City's network.

² All Street Reconstruction & Rehabilitation projects are completed and no funding remains. Awaiting possible 2018 Bond to address capital renewal projects for both Streets & Sidewalks.

Sidewalk Program: Prioritization Models

- New / Rehabilitation
- Repair
- Maintenance



Overview



Sidewalk Prioritization Models

Three Prioritization Models

- New Sidewalks and Rehabilitation
- Repair
- Maintenance

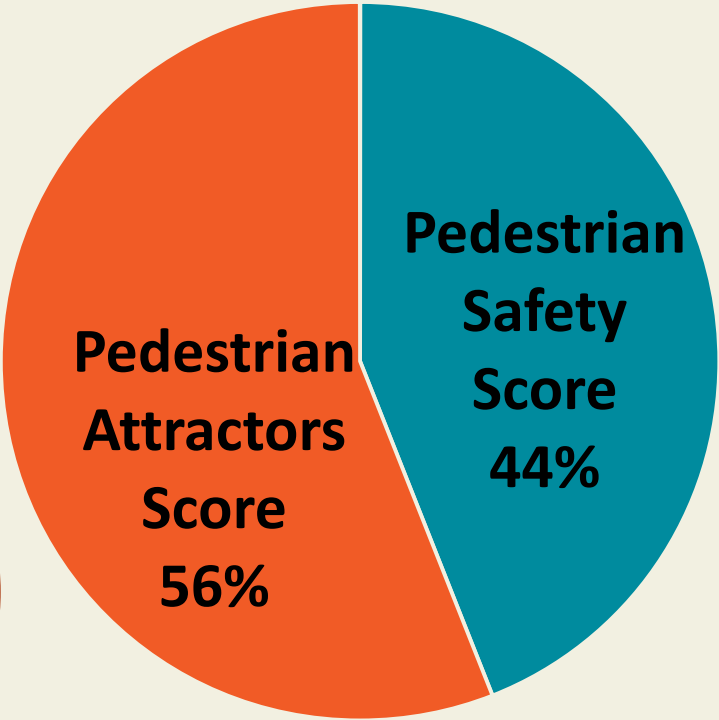
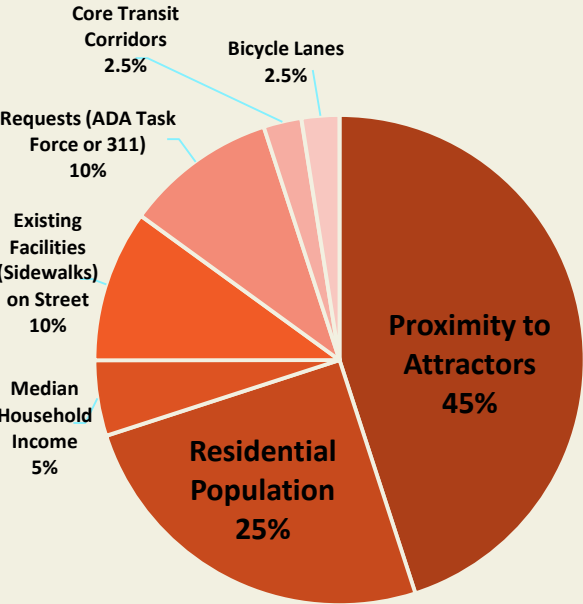
New Sidewalk and Rehabilitation Criteria outlined in Sidewalk Masterplan



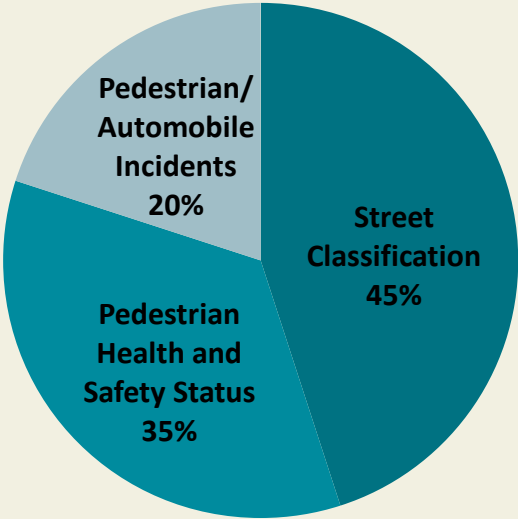
Prioritization – New & Rehabilitation



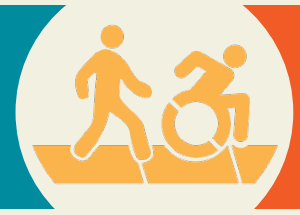
Pedestrian Attractors Score



Pedestrian Safety Score



New & Rehabilitation (Capital)



Sidewalk Prioritization - Rehabilitation

- Consistent w/ 2016 SWMP & ADA Transition Plan
- Address nonfunctional, higher priority sidewalks
- Focus on sidewalks near Street Alteration Projects, Transit, Schools
- Address reasonable modifications as requested by persons w/ disabilities
- Distribution throughout Council Districts based on:
 - Priorities in SWMP coupled with needs/condition
 - Coordination Opportunities (e.g., Street Alterations Projects)

Prioritization Example – New & Rehabilitation



Scoring Comparison			
	Street	E 21st	Goodrich
Pedestrian Attractors Score	Proximity to Attractors	25.20	7.81
	Median Household Income	2.80	0.00
	Residential Population density	10.50	10.50
	Existing Facilities on Street	5.60	5.60
	Core Transit Corridors	1.40	1.40
Safety Score	Street Classification	9.90	14.85
	Pedestrian Health and Safety Status	15.40	3.85
Total		70.80	44.01

“Very High” Priority (East 21st)



District 1 Example

“Medium” Priority (Goodrich)



District 5 Example

Summary: The two locations have similar population densities, proximity to schools and are both within a ¼ mile of a core transit corridor. The location on East 21st is a “very high” priority as a result of lower median income, proximity to more affordable housing units, and a location with greater pedestrian health and safety issues.

A 10%

B 10%



20% Functionally Acceptable

C 25%



80% Functionally Deficient

D 50%

F 5%

Sidewalk Condition Assessment Results



CITY OF AUSTIN
PUBLIC WORKS DEPARTMENT
CONNECTING YOU ALL AROUND AUSTIN

QUESTIONS + ANSWERS

Richard Mendoza, PE
Director, Public Works

Mike Trimble
Director, Corridor Program

