



Sidewalk Program Overview

Presentation to Pedestrian Advisory Council

December 2, 2013

Public Works Department

Neighborhood Connectivity Division



Overview

- Program Background
- Sidewalk Master Plan
- Program Accomplishments
- Relationships
- Urban Trails Program
- Look Ahead





IMAGINEAUSTON

Vibrant. Livable. Connected.

- Sidewalk Program supports Imagine Austin Priority Programs:
 - Invest in a compact and connected Austin
 - Use green infrastructure
 - Create a Healthy Austin Program
- Sidewalk program also helps implement Imagine Austin goals to reduce vehicular trips



Program Background

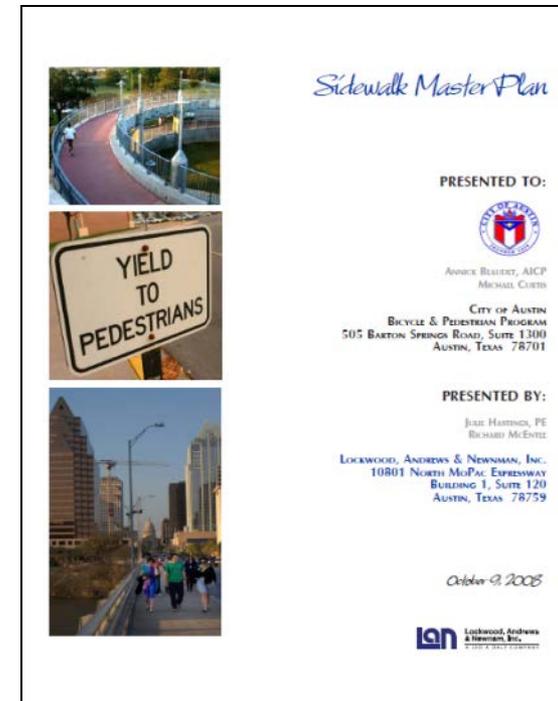
- Sidewalk program initiated in 2005
- No dedicated funding in 2006 Bond
 - Up to 20% of \$90M in street reconstruction per Council ordinance
 - Reallocation of ~\$8.3M in cost savings to sidewalk projects
- Sidewalk Master Plan adopted in 2009
- Increased Bond Funding
 - 2010 Bond: \$15.5M dedicated funding
 - 2012 Bond: \$25.0M dedicated funding
- \$12M in Capital Metro partnership



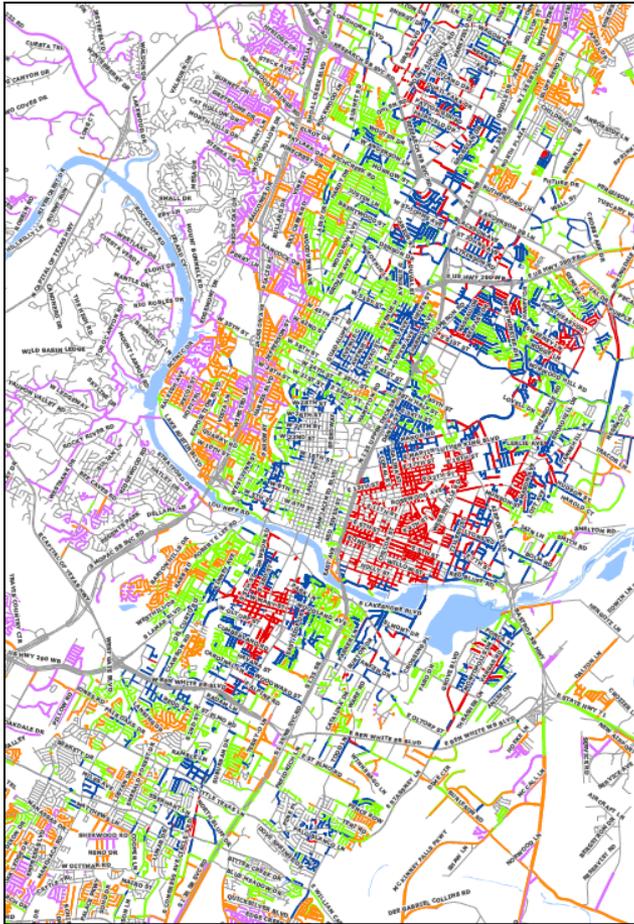
* Assumes 10% of street reconstruction total is used to construct sidewalks

Sidewalk Master Plan

- Pedestrian Infrastructure Management System and Priority Matrix
 - GIS database of existing and absent pedestrian infrastructure
 - \$>\$824M in missing sidewalks
 - ~\$120M to improve existing sidewalks to ADA compliant standards
 - GIS method to score and prioritize projects
- ADA Transition Plan
 - Recommended Spending Strategy
 - \$5M in spending in 2009 and 2010
 - \$10M in spending from 2011 forward



Master Plan - Project Prioritization



- Pedestrian Attractor Score (50%)
- Pedestrian Safety Score (40%)
- Fiscal Availability Score (10%)
- Neighborhood Request Score (up to 10 points)
- Special Consideration Score (up to 10 points at discretion of PWD Director)

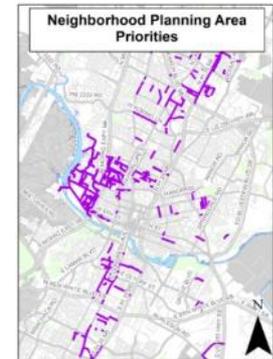
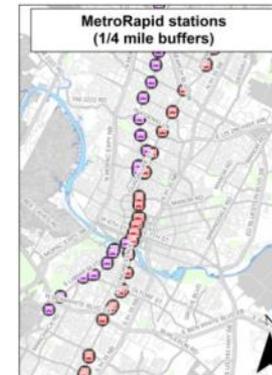
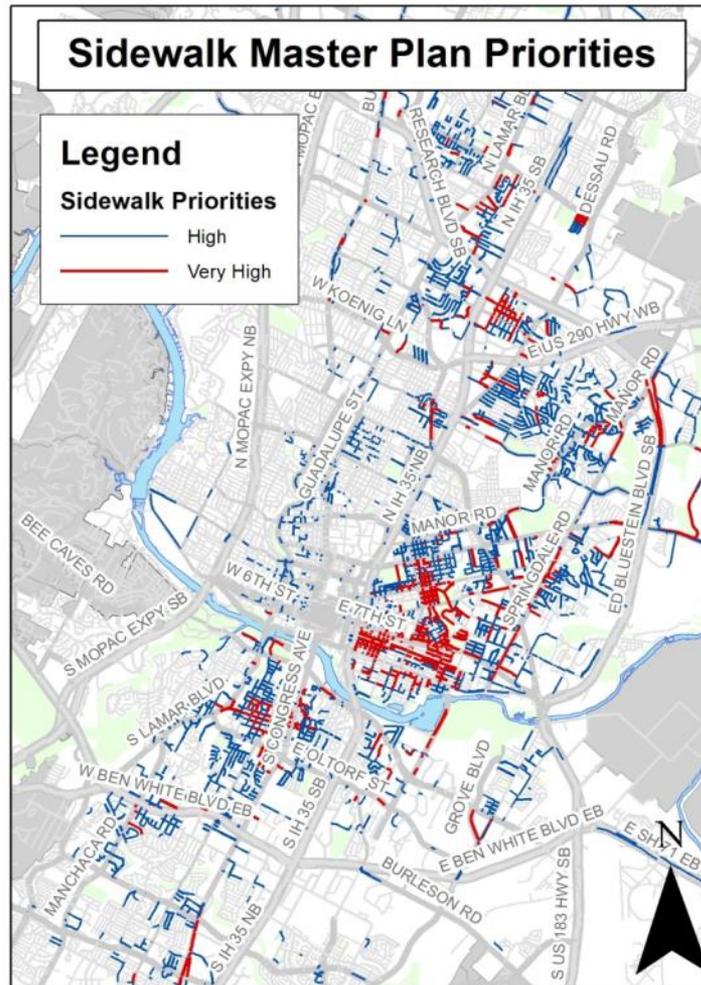
PIMS ABSENT SIDEWALK SCORE	ABSENT SIDEWALK SEGMENT COUNT
< 30.00 (Very Low)	15,072
30.01 - 40.00 (Low)	5,869
40.01 - 50.00 (Medium)	5,669
50.01 - 59.00 (High)	4,091
> 59.01 (Very High)	2,039

WATERBODIES	SCORING DISTRIBUTION
RIVERS	Minimum: 0.00
Roads	Maximum: 81.43
	Mean: 40.01
	Median: 39.26



Master Plan – Project Selection

- Projects evaluated and selected to achieve multiple priorities.
- Priorities include:
 - **Sidewalk Master Plan**
 - ADA Transition Plan
 - Pedestrian Safety issues
 - PWD Annual Work Plan
 - Annual “Crash” Report
 - Neighborhood Plans
 - MetroRapid/High Volume transit stops (1/4 mile radius)
 - ADA Stakeholders
 - Safe Routes to School
- Project connectivity reviewed as QA step.





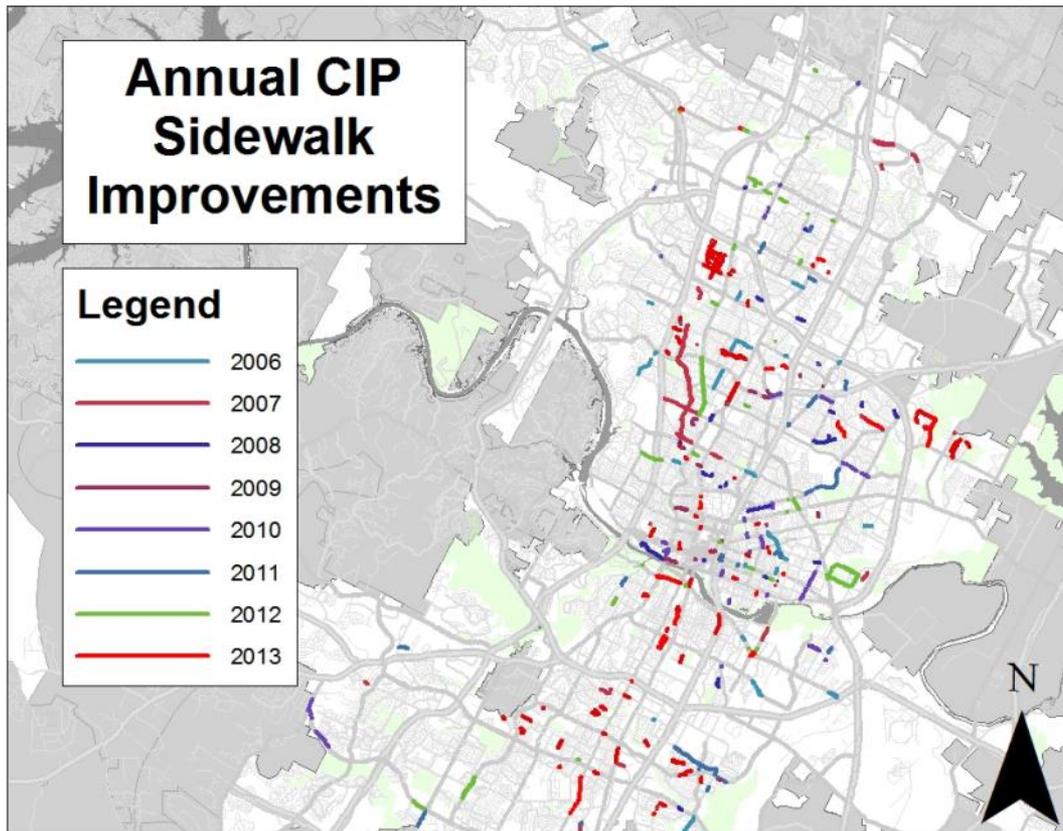
Master Plan – Project Execution

Projects are delivered using an innovative ID/IQ model.

- Contracts issued using unit costs and assumed quantities.
- Uses a set of standard details that are adapted in the field under the direct supervision of an engineer.
- Flexible scheduling and accelerated delivery has resulted in numerous inter-agency partnerships which have improved coordination of pedestrian accessibility improvements.
- IDIQ process has saved 25% in design costs and reduced delivery time by 75%.
- Model is being adapted by other governmental entities.



Program Accomplishments

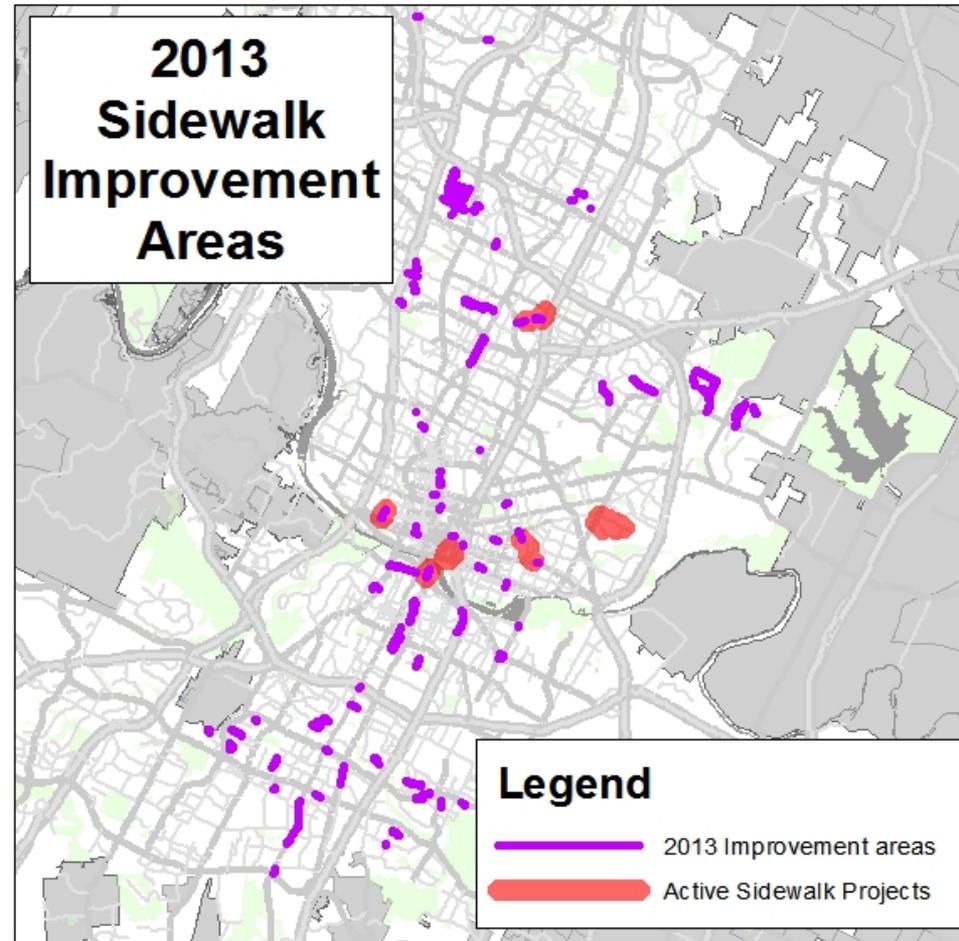


TOTALS	
New Sidewalk (miles)	103
ADA Transition Plan Repairs (miles)	21
Total Sidewalk Improved (miles)	124
Ramp Repairs	2,500
Expenditures	\$55M
NOTE: Figures do not include repairs performed by Street & Bridge crews or work included in Street Reconstruction projects.	



Program Accomplishments – FY13

- 66,270 LF sidewalks (12.5 miles)
- 355 ramps
- >1,800 repairs to non-compliant sidewalks





Program Accomplishments – E 6th Street



BEFORE



AFTER



Program Accomplishments – S Congress

(at Mockingbird Lane)



BEFORE



AFTER





Program Accomplishments – Northgate

(Colony to Rundberg)



BEFORE



AFTER





Program Accomplishments – Euclid Ave

(Euclid Avenue near Oltorf)



BEFORE



AFTER



Relationships - Examples

- **Cap Metro:** PWD has completed 200+ bus stop improvements to date. CapMetro funding an additional \$10 million in improvements over 4 – 6 years as part of amended Interlocal Agreement.
- **Parks and Recreation Dept. (PARD):** Eilers Park picnic area access, Armadillo Park
- **Austin Energy:** Annual sidewalk compliance program
- **Libraries:** Manchaca Library bus stop access, Faulk Central Library
- **Transportation:** Coordinated installation of sidewalks/ramps with new Pedestrian Hybrid Beacons (PHB's)
- **Planning and Development Review:** Fee in Lieu funding and Neighborhood Plan Implementation
- **Child Safety Program:** Coordinated improvements among AISD (Zilker Elementary), ATD, and PARD.
- **Safe Routes to School:** Wellington Avenue, Northeast Drive, Duval, recently completed
- **Convention Center:** \$1M in exterior walkway improvements scheduled over the next year
- **Travis County/TxDOT/AISD:** FM1826 Sidewalks in vicinity of Gorzycki Middle School



Relationships – Austin Energy



BEFORE



AFTER

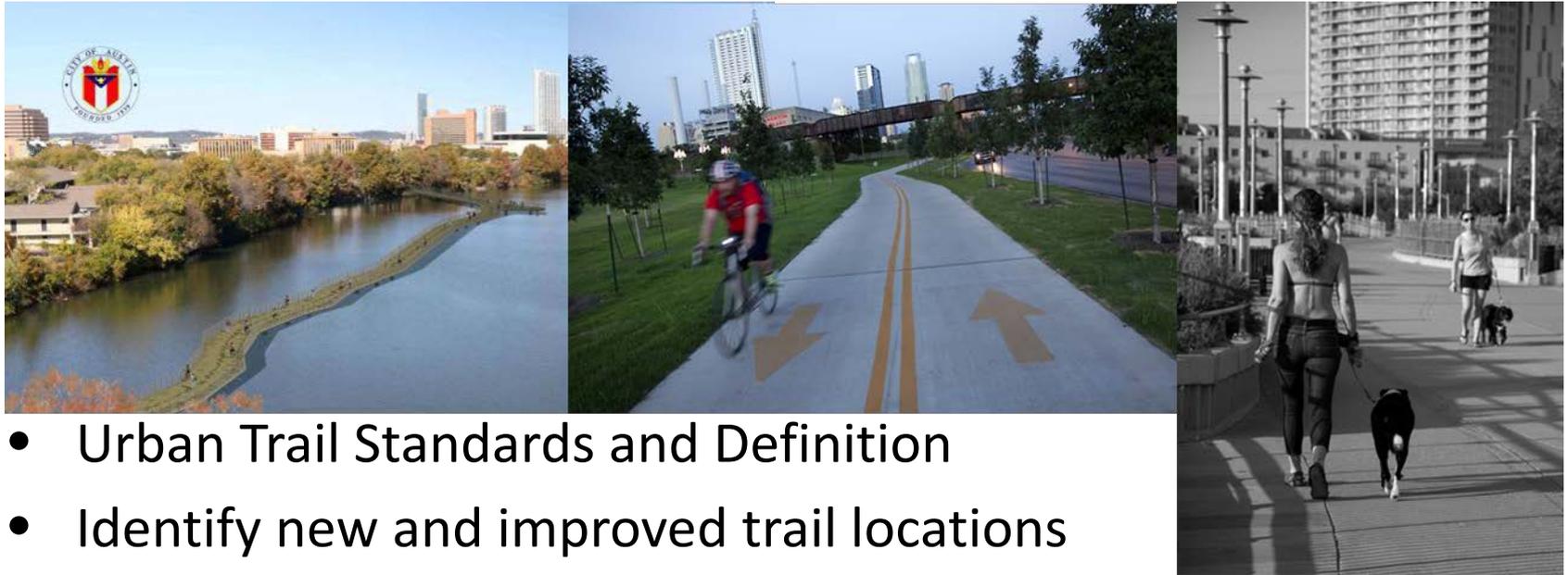
NCD - Urban Trails Program



Urban Trails Master Plan

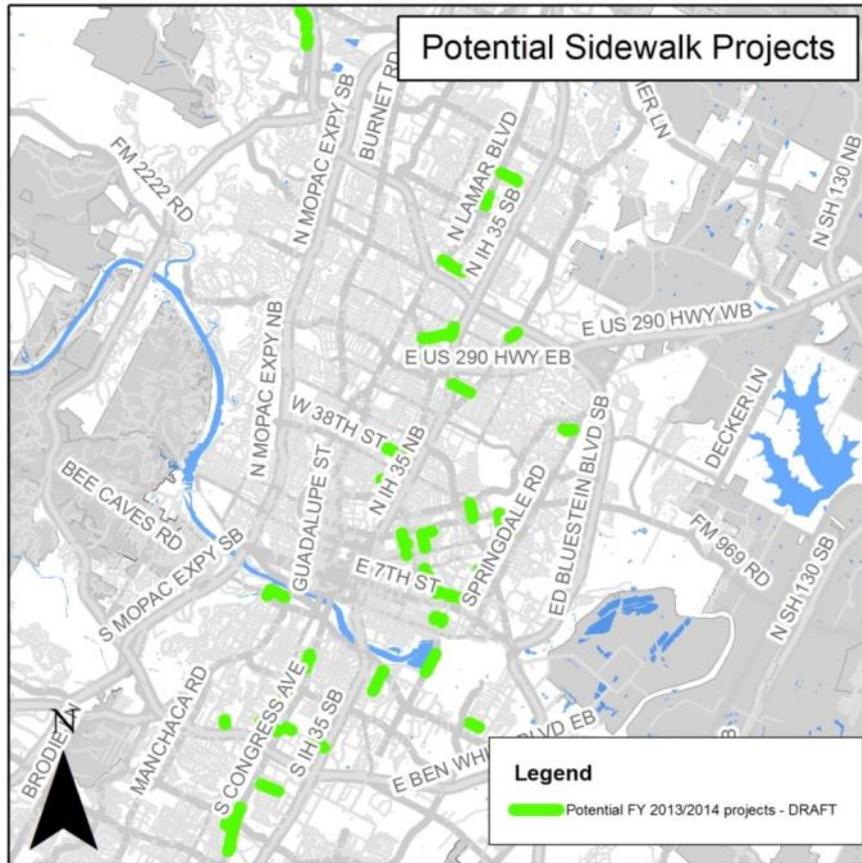
& Bicycle Plan update

www.austintexas.gov/departments/your-path-austin



- Urban Trail Standards and Definition
- Identify new and improved trail locations
Costs, prioritization and maintenance requirements
- Recommended policy changes

Look Ahead – FY14



- \$25M in 2012 Bond Funding for Sidewalk Master Plan/ADA Transition Plan
 - Sidewalk only projects independent of “named” corridor projects
- FY 2014 Project Evaluation
 - \$8 – 10M in FY 2014
 - Coordinated project analysis to achieve multiple priorities
- Initiate Sidewalk Master Plan Update



Questions

Mike Curtis

Division Manager

Neighborhood Connectivity Division

Public Works Department

michael.curtis@austintexas.gov

