

2010 Mobility Bond Program



Individual Program Status
Bond Oversight Committee
September 8, 2011

What the Voters Approved

- \$90 million bond program aimed at addressing mobility priorities
- Multi-modal projects:
 - Streets/Roadways
 - Partnership Projects
 - Signals/Intersections
 - Pedestrian/ADA



Strategic Principles Informed Proposal Development



- Focus on **near-term needs** - obligate funds within 2 years where possible
- **Design projects** for next series of funding opportunities
- Promote **multiple forms of travel**, reduce reliance on automobile, seek **cost effective** and **sustainable** solutions
- Respond to **immediate congestion** needs
- Provide **geographic balance**
- Position City to **leverage** State, federal dollars, **coordinate** with regional partners
- **Preserve** and **maintain** existing investments

What Projects/Programs are Included in the 2010 Bond?

- **Highest priority mobility projects specifically named (28 projects)**

	Total	% of 2010 Bond
28 Mobility Priority Projects	\$ 44,245,000	49%

- **Other projects grouped into 7 funding programs to address mobility & transportation infrastructure needs:**

ADA Compliance Program	\$ 10,000,000	11%
General Ped/Bike/Trails Program	\$ 4,355,000	5%
Signals/Mgmt/Improvements Program	\$ 4,200,000	5%
Traffic Calming/Matching/Quiet Zone Program	\$ 2,700,000	3%
Travis County Partnership Program	\$ 4,000,000	4%
Corridor Preservation	\$1,000,000	1%
Roadway Reconstruction Program	\$ 19,500,000	22%

What types of projects are included in the funding programs?

- Groups of smaller or routine projects that work together to address a mobility priority
- Projects important for good transportation infrastructure management and maintenance
- Partnership projects that leverage Travis County resources



ADA Compliance Program Overview

Scope:

- Sidewalk, curb improvements for improved accessibility in compliance with ADA requirements

Project Selection Process:

- Sidewalk Master Plan
 - Matrix developed to evaluate and rank particular sidewalk segments
 - Accounts for proximity to major employers, governmental facilities, schools, etc.
 - Uses safety data, 3-1-1 calls and neighborhood requests
- Staff evaluation
 - Engineering & planning to evaluate the constructability vs. project cost
- Project coordination
 - Staff includes ADA compliance improvements in other capital improvement projects
 - Staff coordinates work with other agencies (TXDOT, CapMetro)



ADA Compliance Program Status

Program Total	Amount Obligated	Percent of Total
\$10,000,000	\$ 3,520,000	35%

- **Procurement:**
 - ADA Sidewalk, Ramp & Bike Imprv. 2011 Group 11
- **Under Design & Construction:**
 - ADA Sidewalk Group 10
 - ADA Sidewalk Group 12

Preliminary (ILA & ROW)

Design

Bid/Award

Construction

General Ped/Bike/Trails Program Overview

Scope:

- Pedestrian and bicycle facilities identified in the City's Bicycle and Sidewalk Master Plans

Project Selection Process:

- Sidewalk & Bicycle Master Plans
 - Safety and Mobility Criteria
 - Matrix developed to evaluate and rank particular sidewalk segments
 - Accounts for proximity to major employers, governmental facilities, schools, etc.
 - Uses safety data, 3-1-1 calls and neighborhood requests
- Staff evaluation
 - Engineering & planning to evaluate the constructability vs. project cost
- Project Coordination
 - Staff includes Bike and Pedestrian improvements in other capital improvement projects
 - Staff coordinates work with other agencies (TXDOT, CapMetro)



General Ped/Bike/Trails Program Status

Program Total	Amount Obligated	% Obligated
\$4,355,000	\$40,644	1%

- **Planned Construction fall 2011:**
 - Robert E. Lee Urban Trail - Rabb to Barton Springs
 - Town Lake Trail - Congress Avenue Connector
- **Grant Applications (\$1.2M Grant Match):**
 - 3 bike/ped projects
 - Grant award decision pending

Preliminary (ILA & ROW)

Design

Bid/Award

Construction

Signals/ Mgmt./ Improvements Program Overview

Scope:

- New Advanced Traffic Management System
- Traffic signal system improvements, upgrades
- New Intersection improvements



Project Selection Process:

- Safety and mobility criteria (3-1-1 calls and Police accident reports)
- High pedestrian and vehicle activity
- Engineering & planning to evaluate the constructability vs. project cost
- Request driven

Signals/ Mgmt./ Improvements Program Status

Program Total	Amount Obligated	% Obligated
\$4,200,000	\$348,180	8%

- **Procurement:**

- ATMS contract executed in August 2011
- Purchase of control cabinets approved by Council in August 2011
- Purchase of System Detectors approved by Council in August 2011

- **Installation:**

- Pedestrian Hybrid Beacons (HAWKS)
- Traffic Signals

Preliminary (ILA & ROW)

Design

Bid/Award

Construction

Traffic Calming/ Matching/ Quiet Zones Program Overview

Scope:

- To address speeding and cut-through traffic
- To help communities afford geometric street features
- To establish quiet zones at railroad intersections



Project Selection Process:

- Traffic Calming:
 - Developing new program – Local Area Traffic Management (LATM)
 - LATM will have an objective, safety oriented and quality of life approach to project selection
 - LATM program to start in 1st quarter of 2012
- Matching:
 - Through the existing Neighborhood Partnering Program
- Quiet Zones:
 - Request driven

Traffic Calming/ Matching/ Quiet Zones Program Status

Program Total	Amount Obligated	% Obligated
\$2,700,000	\$116,183	4%

- **Traffic Calming:**
 - Developing new program guidelines and procedures
 - Considering seven neighborhood areas
 - **Design & construction:** Rosedale - 3 devices; Perry Lane - 1 device; Galindo 4 devices; Park at Quail Creek - 7 devices; Crestview - 24 devices
 - **Neighborhood Studies:** Old Enfield
- **Matching:**
 - **Design & construction:**
 - South River City Citizens (SRCC) area; Willow Springs at Woodward; construct six landscaped traffic islands (City funds construction and Neighborhood funds landscaping)
- **Quiet Zones:**
 - **Design & construction:**
 - Signed 5 agreements with Union Pacific for preliminary design of intersections at Bannister, Mary, Matthews, Oltorf & Stassney in July 2011

Preliminary (ILA & ROW)

Design

Bid/Award

Construction

Travis County Partnership Program Overview

Scope:

- The Travis County Partnership Program includes transportation facilities to improve connectivity and mobility within the city and the SH 130 corridor



Project Selection Process:

- The Austin Strategic Mobility Plan
 - Roadway extensions within the SH 130 corridor
 - Crossing both City and County jurisdiction
 - Engineering complete; right of way acquisition complete and ready for construction

Travis County Partnership Program Status

Program Total	Amount Obligated	% Obligated
\$4,000,000	\$0	0%

- Interlocal Agreements to Council November 2011:
 - Tuscany Way South, US 290 East to Springdale Road Extension
 - Slaughter Lane, Goodnight Ranch Subdivision to Thaxton Road Extension
- Transferred to Neighborhood Connectivity Division:
 - Austin to Manor Trail, Phase 1
 - Performed by City and involves interlocal agreements with TxDOT, County and CapMetro

Preliminary (ILA & ROW)

Design

Bid/Award

Construction

Corridor Preservation Program Overview

Scope:

- Preemptive right of way (ROW) acquisition
- Acquisition of transportation corridors on private property
- Avoid costly future ROW condemnation

Project Selection Process:

- As required by Texas State Law (20005, HB 1835)
 - The amount of ROW and improvements requested from development must not exceed the transportation demand generated by an individual development, also known as "rough proportionality"
 - A municipality must have an established method to determine "rough proportionality", along with an appeals process

Corridor Preservation Program Status

Program Total	Amount Obligated	% Obligated
\$1,000,000	\$55,000	6%

- Interlocal Agreement with Travis County to develop the rough proportionality assessment method has been executed
- Consultant is under contract to develop the assessment model and provide training for staff
- Staff continues to identify potential candidates for ROW acquisition as development occurs

Preliminary (ILA & ROW)

Design

Bid/Award

Construction

Roadway Reconstruction Program Overview

Scope:

- Reconstruction of various streets, alleys, failing sections of curb & gutter and rehabilitation work on several bridges

Project Selection Process:

- Pavement Management Information System (PMIS)
 - Main criteria: Pavement Quality Index (PQI)
- Visual inspection
- Available funding
- Workflow efficiency
- Utility line condition
- Other project conflicts



Roadway Reconstruction Program Status

Program Total	Amount Obligated	% Obligated
\$19,500,000	\$1,093,640	6%

- All projects currently in design
- Projects to advertise for construction in Fall 2011:
 - Colorado Street, 3rd to 7th
 - Pedernales St, 6th St to Webberville Rd
 - 5th St, I-35 to Onion St
 - Group 19

Preliminary (ILA & ROW)

Design

Bid/Award

Construction

