



CENTRAL TEXAS
Regional Mobility Authority

Board Meeting

February 25, 2015



Item 5
MoPac Improvement Project
Potential Owner-Directed Change Orders

Repair of Ramps



- Repairs will address existing issues of settlement, movement, and separation occurring at RM 2222 & Westover Road



RM 2222

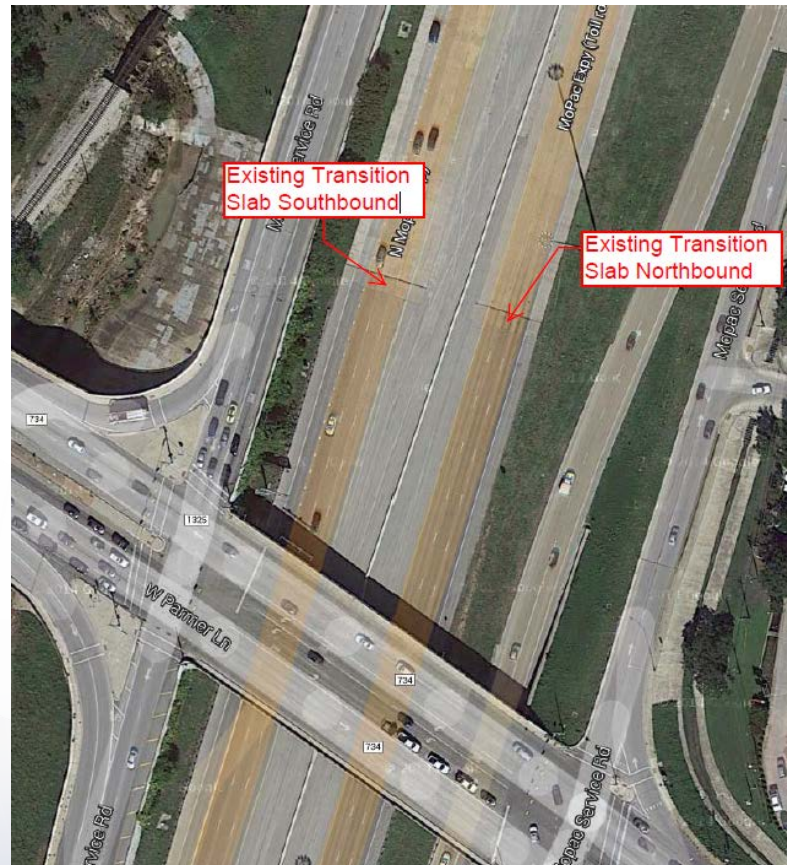


Westover Road

Pavement Repairs at Parmer Lane



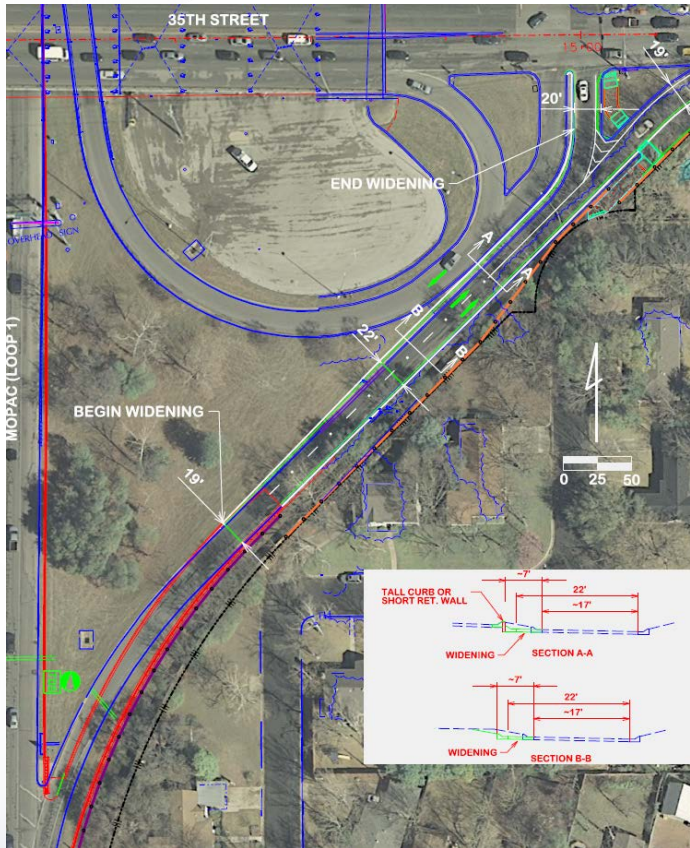
- Repairs will address existing issue of recurrent pavement failure at the north end of the project



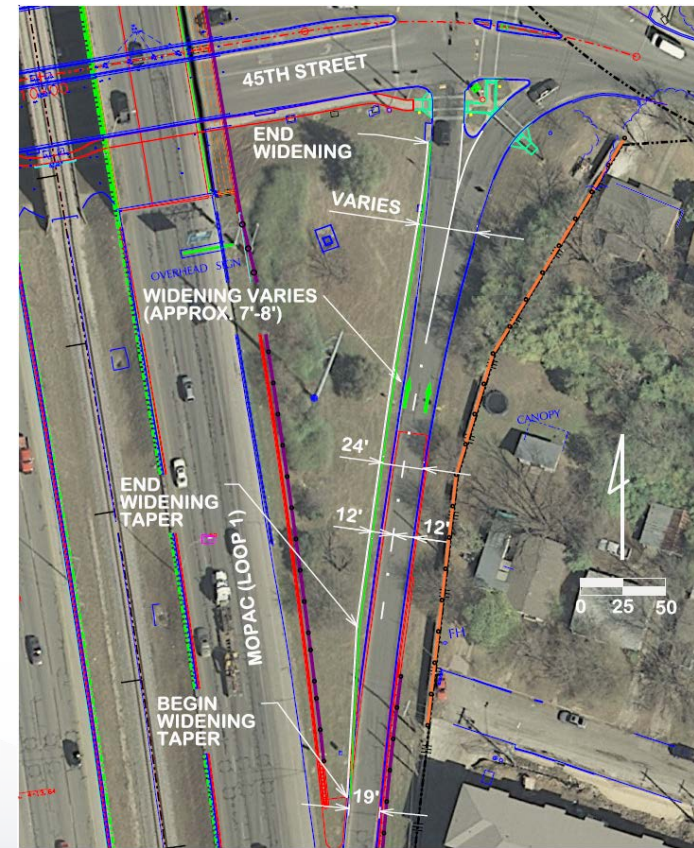
Widening of Northbound Exit Ramps



- Improve operations of intersections by providing additional vehicle storage and facilitating right-turn movements



35th Street



45th Street



- **Improve operations by eliminating merge for Express Lane traffic**
- **Offer option of 5th Street or Cesar Chavez Street exits for Express Lane traffic**



- Provide wider sidewalks under MoPac to enhance connectivity and safety for pedestrians and bicyclists



Existing



Proposed

MoPac at Enfield Underpass

Pedestrian Improvements: Windsor Road

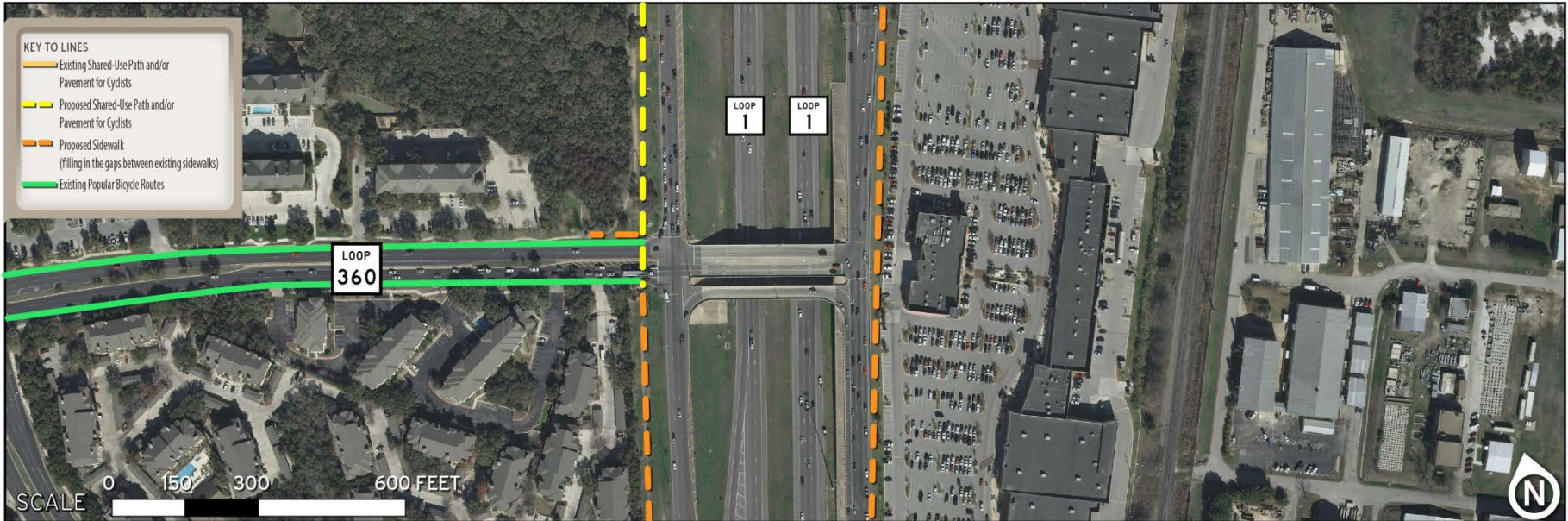


- **Improve safety for pedestrians crossing the northbound entrance ramp to MoPac from westbound traffic on Windsor Road**
- **Improved crosswalk measures may include:**
 - **In-roadway flashing lights**
 - **Pedestrian Crossing sign**
 - **Rapid rectangular flashing beacon**



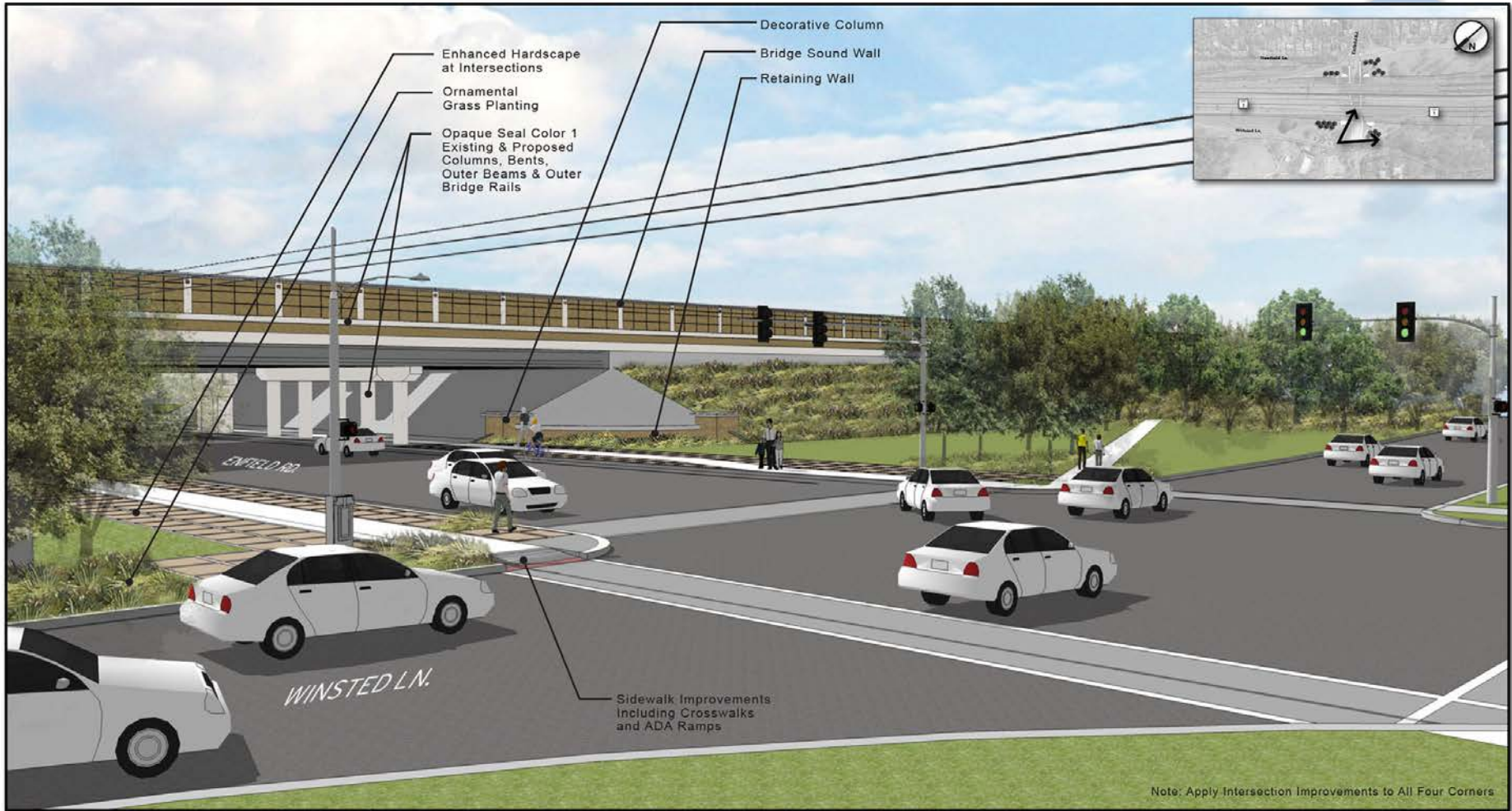


- Improve safety and connectivity for bicyclists and pedestrians through construction of bike lanes and refuge islands to provide separation from vehicular traffic at RM 2222, Far West Blvd., Capital of Texas Highway, and Anderson Lane



Capital of Texas Highway

Intersection Improvements

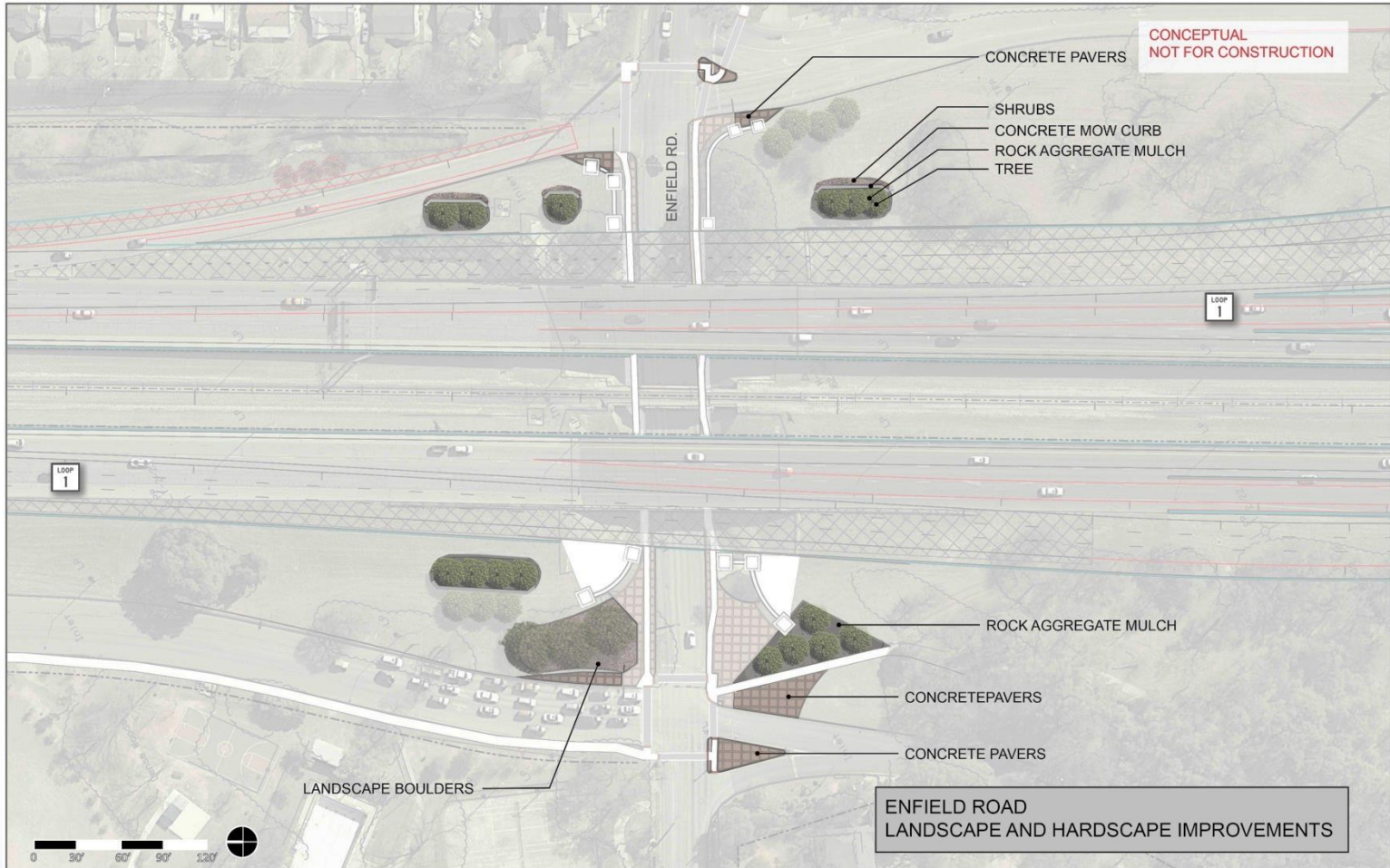


ENFIELD RD. UNDERPASS

September 2012

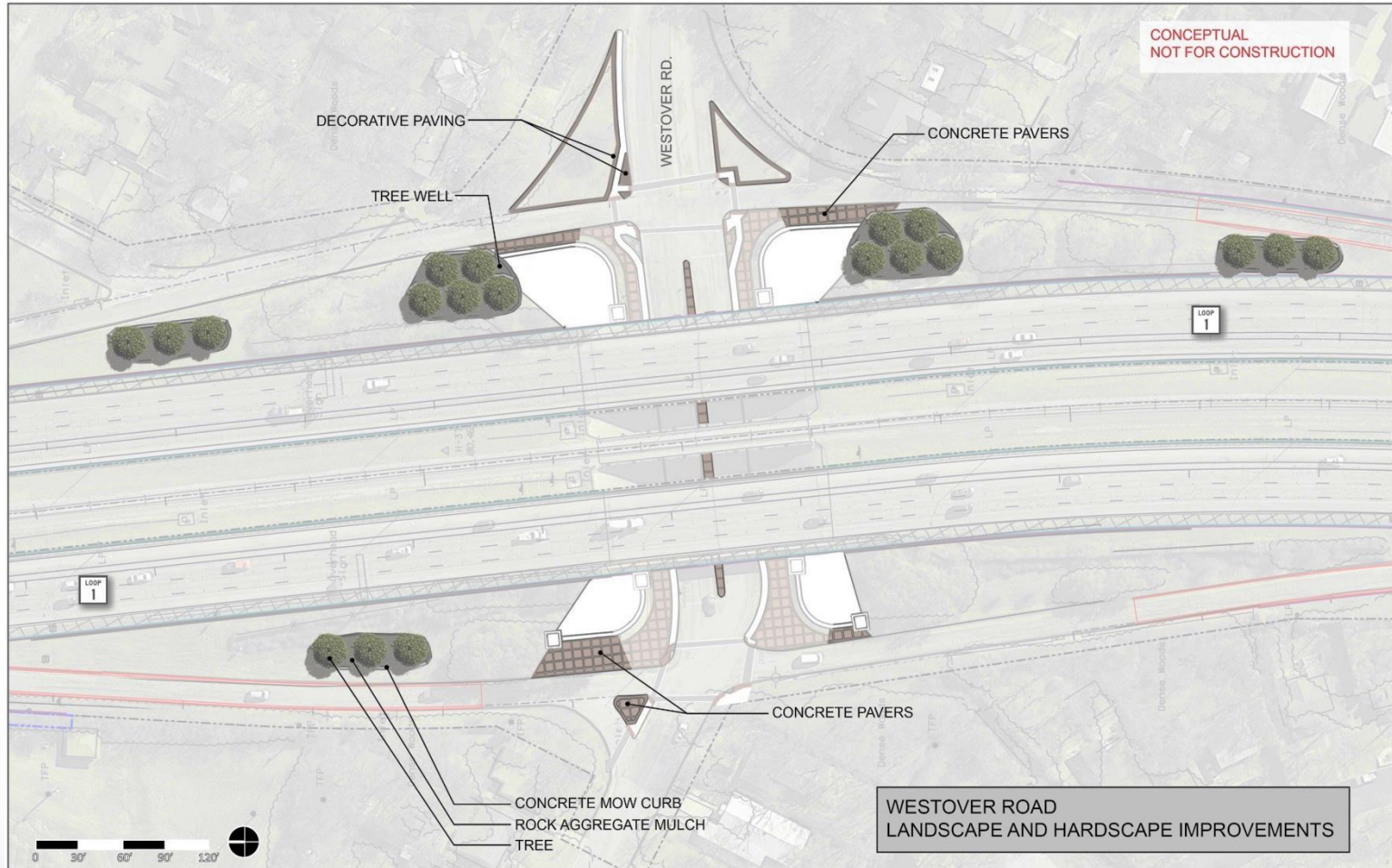


Landscape and Hardscape Improvements: Enfield Rd.



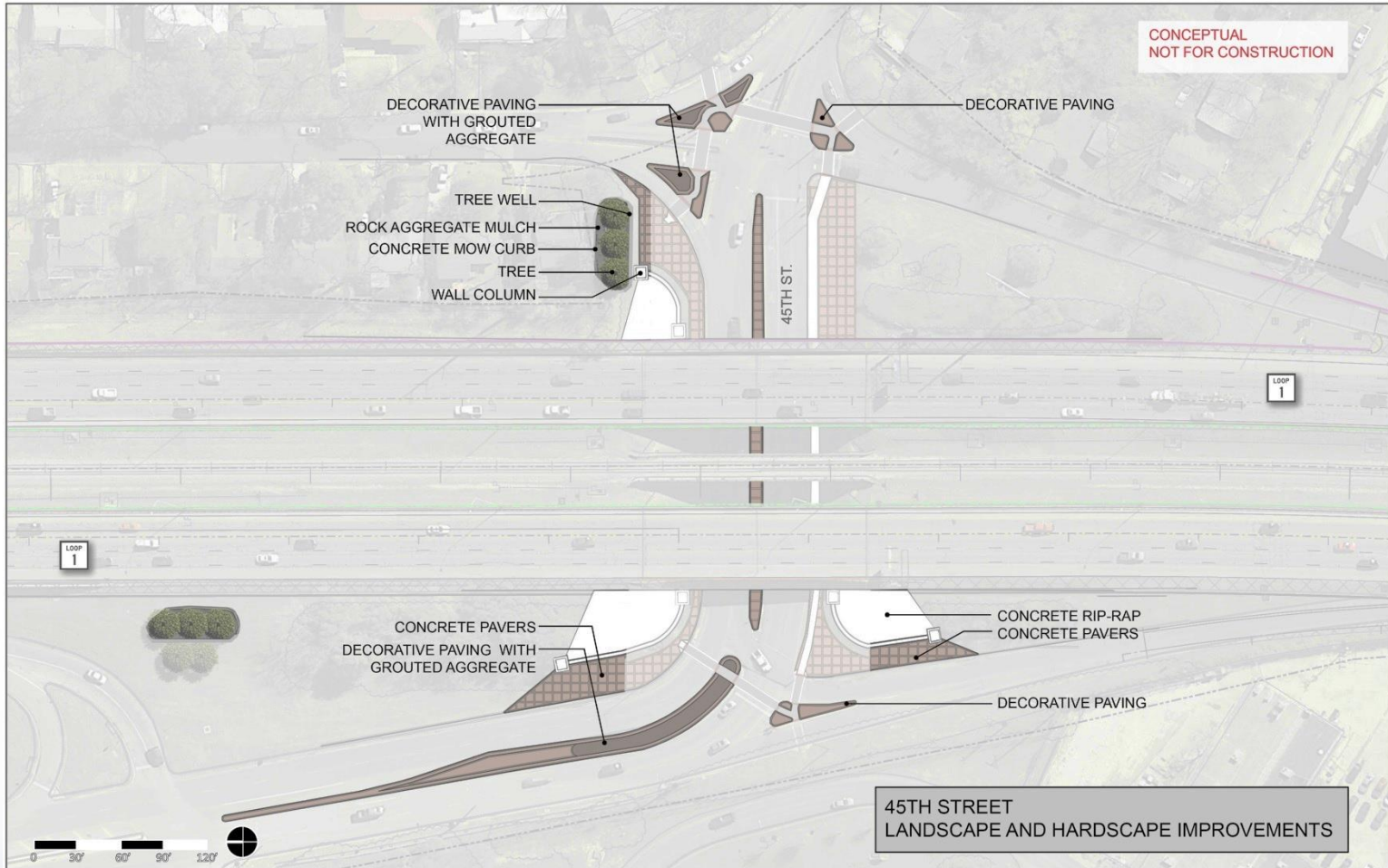
Enfield Road

Landscape and Hardscape Improvements: Westover Rd.



Westover Road

Landscape and Hardscape Improvements: 45th St.



45th Street

Landscape and Hardscape Improvements: Windsor Rd.



Windsor Road



- **Provide uniform visual appearance throughout the corridor, consistent with sound walls and bridge structures**





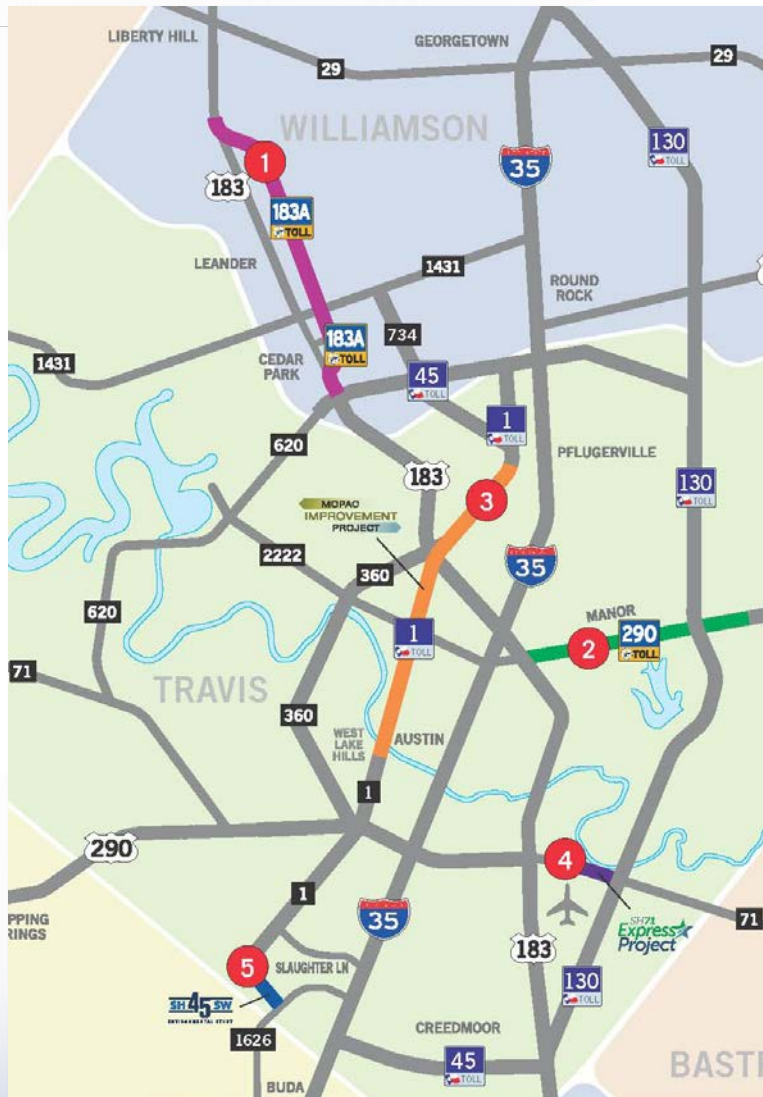
CENTRAL TEXAS
Regional Mobility Authority



Item 8

Authorization to Initiate Procurement for the Performance Based Maintenance Contract

Performance Based Maintenance Contract Limits



- 183A
- Manor Expressway
- MoPac Improvement Project
- 71 Express
- SH 45 SW



- **Accomplished under an ILA with TxDOT (3 years)**
- **TxDOT administers contract**
- **Mobility Authority reimburses TxDOT monthly**
- **Mobility Authority also administers smaller contracts, such as landscape maintenance, traffic services, and emergency generators**

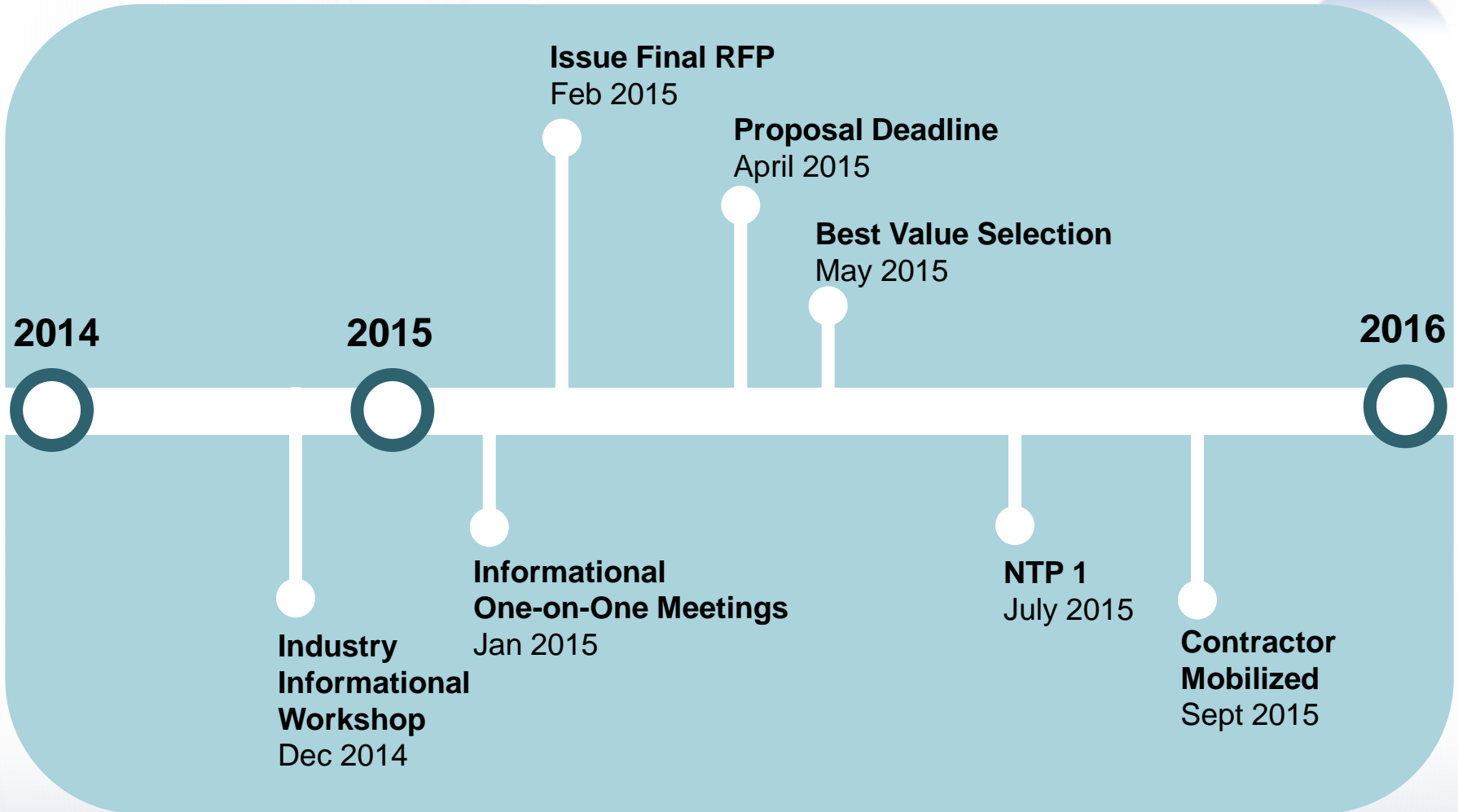


- **Mobility Authority to administer Performance Based Maintenance Contract (5 years)**
- **Include maintenance of adjacent TxDOT frontage roads and general purpose lanes**
- **Will enable the Mobility Authority to advertise a procurement of sufficient scope to allow for cost efficiencies from prospective contractors**
- **Continue strong partnership with TxDOT**
- **More Mobility Authority control**
- **New ILA where TxDOT will reimburse Mobility Authority monthly**



- **Best Value Model considering price and technical qualifications**
- **Technical Proposal Criteria will include:**
 - Value added / Innovative concepts
 - Local Participation – Allocate meaningful work to local businesses

Procurement Schedule





CENTRAL TEXAS
Regional Mobility Authority



Executive Director's Report



Board of Directors and Public Communication



- **Evaluating current processes and website**
 - **Board Meeting Agenda page**
 - Adding audio recordings
 - Improving archives
 - Adding final resolution index
 - **Overall web site**
 - Reviewing overall content, usability & navigation
 - Added Financial Information tab to top navigation bar



- **Evaluating online message board**
 - **SB 1297: Allows governments to create an Internet message board for public officials to deliberate away from public meetings**
 - **Only Board members and staff may post**
 - **Allows for citizens to review all posts**
 - **Currently used by Austin City Council**
 - **Prototype developed**

The screenshot displays the website's navigation menu with categories: TRAVELER INFORMATION, PROJECTS & PROGRAMS, FINANCIAL INFORMATION, BUSINESS OPPORTUNITIES, NEWS & EVENTS, and ABOUT US. The breadcrumb trail shows: mobilityauthority.com > RMA Board Discussions > Board Discussions. A table lists message board entries:

Subject / Started by	Replies / Views	Last post
March 26 Agenda & Board Packet Started by boardmember1	1 Replies 5 Views	March 25, 2014, 01:52:57 PM by boardmember1
This is a sample discussion thread... Started by Administrator	3 Replies 17 Views	March 25, 2014, 03:48:09 PM by boardmember1

Below the table, there are options for topic types: Normal Topic, Locked Topic, Hot Topic (More than 15 replies), Sticky Topic, Very Hot Topic (More than 25 replies), and Poll. A search bar is also visible.

The footer contains a grid of links for various services and contact information for the Central Texas Regional Mobility Authority, including phone and fax numbers and office hours.



- **Studying live online video streaming**
 - **Criteria:**
 - **Live video/audio feed on our web site**
 - **Include live interactive agenda index**
 - **Can be archived and replayed (video clip follows each agenda item)**
 - **Previously solicited a bid from existing vendor (Ford Audio Video) for video streaming options**
 - **Solicited other conference meeting video solutions**



- **Studying live online video streaming**
 - **Demo set for Thursday on video streaming service that provides local government solution for public meetings (swagit.com)**
 - **Current local clients**
 - **City of Austin**
 - **CAMPO**
 - **Texas Transportation Committee**
 - **Capital Metro**

Swagit Example: Sierra Vista, Arizona



sierravistaaz.swagit.com/play/02122015-769

Apps Austin American Sta... TweetDeck ADP ezLaborManag... Registered Login Texas State Director... Tango Health Monkee Wrench Lo... Monkee-Boy Treeho... Other bookmarks

Sierra Vista, Arizona

It's cooler than you think!

February 12, 2015 City Council

Meeting Index Full Agenda Share

Call to Order - Call to Order 5:00 p.m., City Hall Council Chambers, 1011 N. Coronado Drive, Sierra Vista, AZ Roll Call Invocation Pledge of

Call to Order

Call to Order 5:00 p.m., City Hall Council Chambers, 1011 N. Coronado Drive, Sierra Vista, AZ
Roll Call
Invocation
Pledge of Allegiance

Item 1 - Acceptance of the Agenda

Awards and Presentations - Recognition of Darrin Stensby, Solid Waste Supervisor, with the 2014 Solid Waste Professional Achievement Award by the

City Manager's Report - City Manager's Report - Upcoming Meetings - Bid Openings - Bid Awards

Consent Agenda - Item 2 Consent Agenda Item 2.1 Resolution 2015-011, Application for Extension of Premises/Patio Permits for Jerald Jay Reutebuch

Item 3 - Resolution 2015-012, Conditional Use Permit for a 59' Communications Tower located at 2050 E. Wilcox Drive

Items 4 & 5 - Item 4 Resolution 2015-013, Application for an interim permit, person transfer, limited liability corporation Series 7 liquor license for Susan

Item 6 - Resolution 2015-015, Authorization to approve Settlement Agreement regarding civil lawsuit U.S. District Court Case No. 4:13-CV-00178

Item 7 - Resolution 2015-016, Authorization to approve Settlement Agreement regarding civil lawsuit Cochise County Case No. CV2013-00838

Item 8 - Resolution 2015-017, Request to Proceed for an abandonment of a portion of Industry Drive right-of-way and an abandonment of public utility

Item 9 - Resolution 2015-018, Re-appointing Liz York and Sandra Kenny to the Citizens' Advisory Commission, said terms to coincide with the term of

Item 10 - Resolution 2015-019, Appointment of Kristopher Rangel to the Commission on Disability Issues, said term to expire September 22, 2017

Item 11 - Resolution 2015-020, Reappointment of Celeste Atkins, Shaundra McLemore-Saunders, Gail Houston and Sigrid Lintiacio to the Commission

Comments and Requests of the Council - Call to the Public Comments and Requests of the Council Adjournment

Call to Order - Call to Order 5:00 p.m., City Hall Council Chambers, 1011 N. Coronado Drive, Sierra Vista, AZ Roll Call Invocation Pledge of Allegiance

Call to Order

Call to Order 5:00 p.m., City Hall Council Chambers, 1011 N. Coronado Drive, Sierra Vista, AZ Roll Call Invocation Pledge of Allegiance

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- **Considerations for video streaming**
 - **Cost**
 - **Range from ~ \$35K to substantial investment**
 - **Equipment installation**
 - **Subscription services and labor**
 - **Timeline goal: May 2015 Board meeting**



CENTRAL TEXAS
Regional Mobility Authority

MoPac South Environmental Study

Sean Beal, P.E. – Engineering Manager

Melissa Hurst – Community Outreach Manager



CENTRAL TEXAS
Regional Mobility Authority

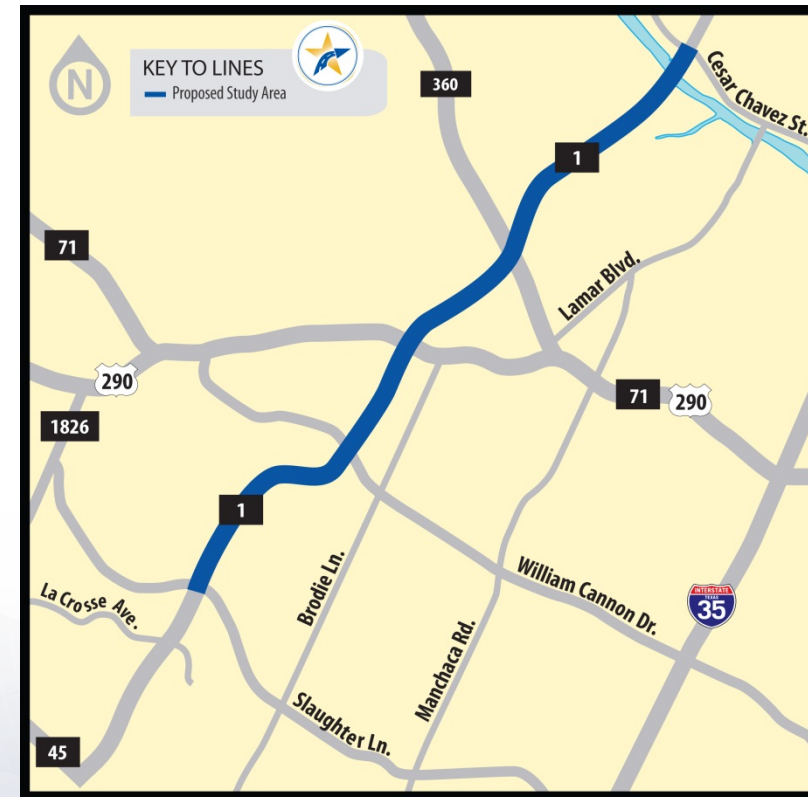
MoPac South Environmental Study



- **MoPac south of Cesar Chavez Street is a vital artery for our area - it attracts up to 130,000 cars and trucks per day**
- **Over time, residential, retail and commercial development in the corridor has led to increased congestion**
- **Environmental Study initiated to determine the best alternatives for improving mobility and safety on approximately eight miles of MoPac from Cesar Chavez Street to Slaughter Lane**



MoPac South
ENVIRONMENTAL STUDY





- **Launched Environmental Study in April 2013**
 - Collected travel time, crash and safety, population and employment growth and environmental constraints data
 - Developed Purpose and Need
- **Held First Open House/Scoping Meeting in November 2013**
 - Developed and refined concepts that may meet Purpose and Need using data collected and community feedback
- **Held Second Open House in April 2014**
 - Refined evaluation criteria and measurements based on Purpose and Need and community feedback
 - Evaluated concepts



- **Third Open House Scheduled for Thursday, February 26, 2015 at Hill Country Middle School from 4:30 pm to 7:30 pm**
 - Presenting preliminary results and requesting feedback on evaluation criteria and measurements
 - Presenting recommended reasonable alternative – Express Lanes
 - Launching our Context Sensitive Solutions process





- **What We are Trying to do:**

- Provide reliable travel times
- Improve efficiency
- Create dependable and consistent route for transit
- Facilitate reliable emergency response

- **What Problems We're Addressing:**

- Unreliable travel times*
 - If we don't address the problem, conservative estimates result in an additional half hour to travel between Cesar Chavez Street and Slaughter Lane in 2035
- Increased congestion due to population and employment growth**
 - 61% population growth in Travis and Hays counties by 2035
 - 74% employment growth in Travis and Hays counties by 2035

**Travel Time Sources: CDM-Smith 2014 using INRIX speed data, CAMPO 2035 Travel Demand Model, observed congestion speeds, bluetooth data*

***Population Sources: U.S. Census Bureau: 1990 Census & 2008-2011 American Community Survey, CAMPO 2035 Forecast*

Which Alternatives Were Evaluated?



- **General Purpose Lanes**
- **High Occupancy Vehicle Lanes**
- **Transit Only Lanes**
- **Express Lanes**
- **Transportation System Management/Transportation Demand Management**
- **No Build**

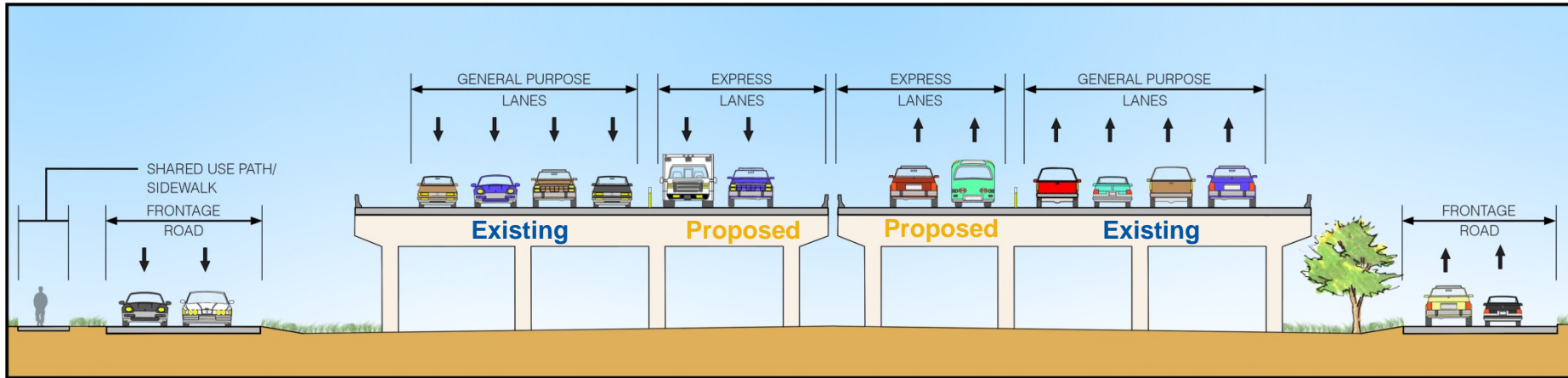


- **Express Lanes Alternative is recommended because:**
 - Offers reliable toll-free travel times for vanpools, buses and emergency vehicles
 - Additional capacity will be actively managed through the use of variable toll pricing for other users to realize a similar reliable travel time
 - Provides shortest peak period travel time for all vehicles, including those in general purpose lanes
 - Saves over 3 million hours of travel time compared to No Build Alternative (*1.7 x more than HOV lanes and 13 x more than Transit Only Lanes*)
 - Increases opportunities for transit and ridesharing
 - Includes new and better connectivity for bicyclists and pedestrians
 - Avoids impacts to the natural and human environment and minimizes impacts to water quality



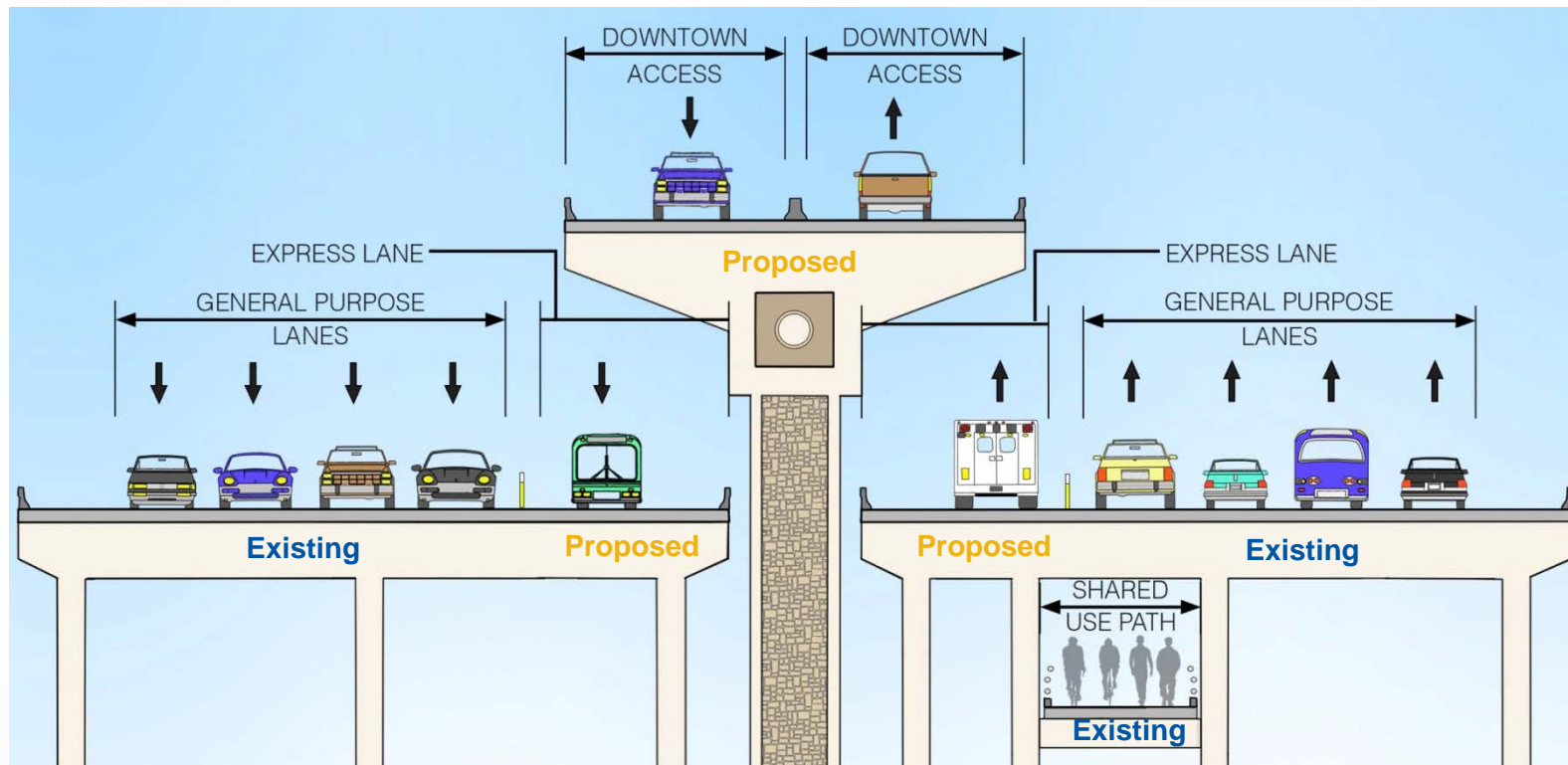
- **Addition of two Express Lanes in each direction**
 - Entrance and exits proposed near Cesar Chavez Street, Loop 360, William Cannon and Slaughter Lane
- **Concepts being evaluated as part of this alternative:**
 - Direct connection to Cesar Chavez Street
 - Operational improvements at the FM 2244 Southbound General Purpose Exit
 - Operational improvements and direct connections at William Cannon Drive
 - Addition of bike and pedestrian facilities to create continuous facility from Lady Bird Lake to Slaughter Lane

Conceptual Typical Section – 2244 Area



This artist rendering shown is conceptual in nature and are for discussion purposes only.

Conceptual Typical Section – Lady Bird Lake



This artist rendering shown is conceptual in nature and are for discussion purposes only.

View from Zilker Clubhouse



View From Zilker Park



DOWNTOWN ACCESS

GENERAL PURPOSE & EXPRESS LANES



- **Continue to study environmental issues in greater detail**
- **These social, economic and environmental issues are being considered**
 - *Land use*
 - *Social impacts including environmental justice*
 - *Relocation impacts*
 - *Economic impacts*
 - *Pedestrian and bicycle facilitates*
 - *Air quality*
 - *Traffic noise*
 - *Geology/soils*
 - *Water quality*
 - *Wetlands*
 - *Water body modifications*
 - *Floodplains*
 - *Vegetation*
 - *Wildlife*
 - *Threatened or endangered species*
 - *Historic and archeological resources*
 - *Hazardous materials*
 - *Visual impacts*
 - *Construction impacts*
 - *Cumulative impacts*
 - *Mitigation and permit requirements*



- **Collect and analyze data regarding potential environmental impacts and constructability**
- **Refine schematics and design concepts to address environmental issues and community feedback**
- **Develop draft environmental assessment**
- **Hold additional Open House Meetings**
- **Continue to engage and meet with stakeholders**



CENTRAL TEXAS
Regional Mobility Authority



Carma & Metropia Updates



carmacarpool.com/austin

2.3 million empty car seats

Let's put them to good use, Austin!

Carma Carpooling is Austin's own crowdsourced transportation network. We pair people with similar commute routes and schedules to be able to share the ride, all through our real-time smart phone app.



Carma Carpooling Expansion

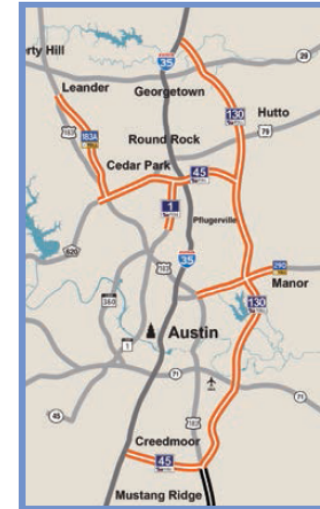


Go toll-free!

Carma carpoolers get exclusive toll reimbursements on Austin-area toll roads until June 30th 2015! 2-person carpools get 50% of the toll back, and 3+ person carpools get the full toll reimbursed!

Available on 183A Toll, 290 Toll (Manor Expressway), SH 130, SH 45N, Loop 1, and 45SE. Excludes segments 5 & 6 of SH 130, south of 45 SE.

Just register with Carma, track your carpool trips with our app and you'll automatically get reimbursed to your TxTag account at the end of each month. Carma is the only program in Austin that gets you toll refunds – a benefit for carpools who help fight traffic!



Download today and get \$5 free Carma Credit



Contact us



@CarmaATX

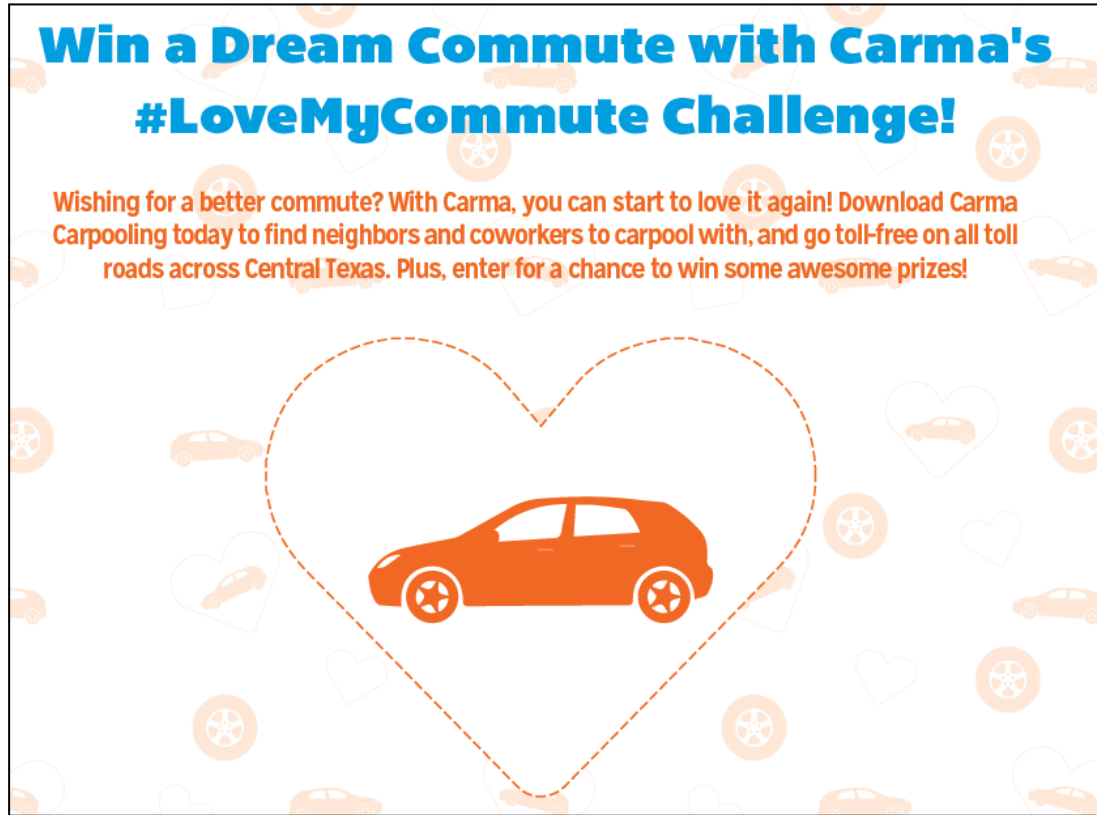


austin@car.ma

Carmacarpool.com/love

Win a Dream Commute with Carma's #LoveMyCommute Challenge!

Wishing for a better commute? With Carma, you can start to love it again! Download Carma Carpooling today to find neighbors and coworkers to carpool with, and go toll-free on all toll roads across Central Texas. Plus, enter for a chance to win some awesome prizes!



The top submission will receive a Dream Commute for A Month!

- Exclusive use of Carma's Tesla Model S for 30 days
- Brand new iPhone 6 (Ready to download the Carma App)
- A Coffee a Day (\$150 gift card to Starbucks)
- \$100 in TxTag credit.

Win a Dream Commute with Carma's #LoveMyCommute Challenge

#LoveMyCommute

Share your best video, photo, song, or poetic work on Twitter or Facebook to WIN our
Tesla Free for 30 days!

 Tweet Post Add Image/Video

#lovemycommute



Search for people, places and things

Central Texas Regional Mob...

Shawn Mon ▸ Carma
February 18 at 3:00pm · Post powered by Mass Relevance

Living an active lifestyle (to me) means doing things a bit differently than what technology or advanced manufacturing was set out to improve for us. In other words, improvements in the habitual products we use every day aren't always better for our health!

Take "automobiles" for example. They have developed over the past 100 years to be more comfortable, more sound proof, and more efficient than ever. So much, in fact, that our habits have grown incredibly dependent on driving our own cars everywhere we go. This dependence however has grown to be a real problem, especially for daily commuters as traffic congestion and parking issues continue to drive our stress levels through the roof, starting AND ending our days "on the wrong foot."

Since I discovered that 80% of health issues are in fact stress-related, and my #1 stress was sitting in traffic all day while watching gas prices fluctuate out of my control, I decided to take a step forward in seeking out a solution to this problem. I found carpooling.

I'm less likely to boil over into a road rage and set my day off on the wrong foot if I'm riding and socializing with others during my commutes. It's worth the extra few minutes of preparation to feel the liberation. I even go a step further to living my active life by using my fold-up bike to pedal a few blocks to catch my carpooler. I just fold my bike and put it in the trunk.

And, by riding together, we reduce all demand on gas prices and less likely to rise as more people join.

Finally, I can #LoveMyCom...
Thanks Carma

#LoveMyCommute
Carma Carpooling
SHARE YOUR BEST VIDEO, P...

Like · Comment · Share · Buffe...

Carma likes this.

Write a comment...

@NClayborne17

ODE TO CARPOOLING

As we ride to work each day,

we gain much more than saving pay.

We share the best car insurance,

the best vacation spots, the best advice

for apps that work with our device.

It's not all play and no work on this "bus".

Checking email, conference calls;

these are done by all of us.

We're efficient and cost-conscious,

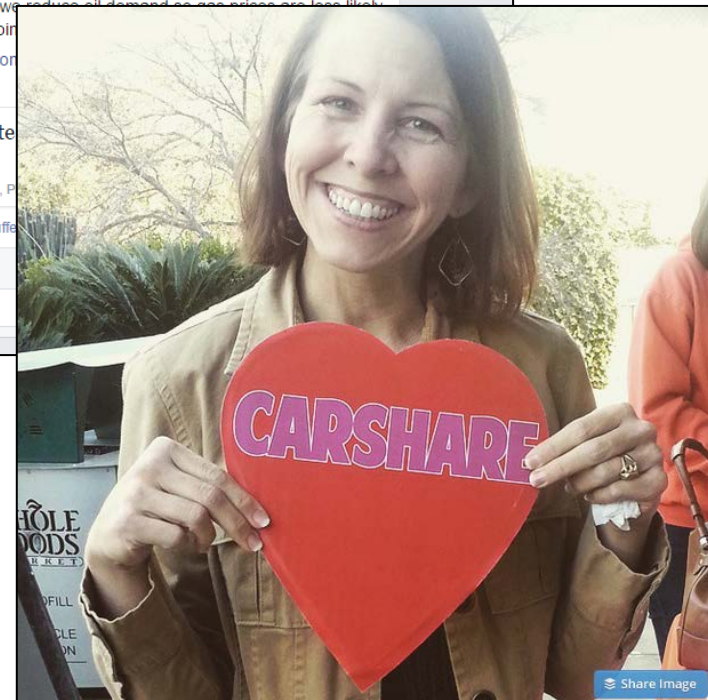
so we'd like to say,

Thank you Carma! You made our day!

1d

Nancy Clayborne @NClayborne17

carmacarpooling.com/love #LoveMyCommute pic.twitter.com/KjYxtG0J5a





CENTRAL TEXAS
Regional Mobility Authority

New app rewards drivers for avoiding congestion

By Amanda Dugan

Published: September 17, 2014, 3:01 pm | Updated: September 17, 2014, 7:44 pm



AUSTIN (KXAN) — The Central Texas Regional Mobility is sponsoring Metropia, an app that will help you find better ways around the delays.

Metropia Austin / Mobility Authority Partnership

Cooperate

Reduce Traffic

Plant a Tree

Arrive on Time

Metropia – Mobility Authority Partnership

- Sponsor Metropia traffic management and navigation app
 - Fight congestion through a technology approach, an incentive-based mobility management system by rewarding better commuting decisions and through community collaboration.
 - Build a mobility ecosystem that inspires businesses, employers, agencies and drivers to work together to reduce congestion.
 - Elevate communications with users during MoPac construction activities.
- Schedule
 - Beta Test: Sept – Dec 2015
 - Full launch: Spring, 2015

Metropia: Driving a Better City



- Plan Ahead & Save Time
- Reduce Congestion
- Reduce CO2 and GHG
- Reward Behavior Change
- Safe (Teen) Drivers and Safer Roads
- Inspire Cooperation

The Metropia Mobility Ecosystem



The Austin Mobility Ecosystem

Leveraging Relationships, Press, and Social Media

Agencies

- Mobility Authority, Supporter
- TxDOT
- City of Austin
- CAMPO
- CAPCOG

Employers

3 FLEX



SHIFT 46,000
COMMUTERS OUT
OF RUSH HOUR

- 20-20 Mobility targeting flex commuters
- Austin Chamber of Commerce
- AMD
- ABC Home and Commercial
- Commute Solutions (CAMPO)
- CAF/Clean Air Partners

Merchants

- Go Local—500 local merchant customer loyalty program
- Luke's Locker
- Fit Foods, Tacodeli
- Music downloads
- Charity program

Commuters

- Commute Solutions (CAMPO)
- Partnerships with CARMA, Car2Go, Transportation Meet Up (Capital Factory), and RideScout
- Neighborhood Associations
- Press, news, social media, pop-ups
- Brand Ambassador/Elite Users



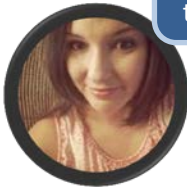
Building Brand Ambassadors in Austin



My hat is off to your app!
Ron P.



"I never thought about taking
this new route home and it
makes perfect sense!"



"I was impressed to arrive
the exact minute the app
thought I would" Kelley G.



"I love that Metropia syncs
with my calendar and
alerts me to use the app.
Thank you!" April H.

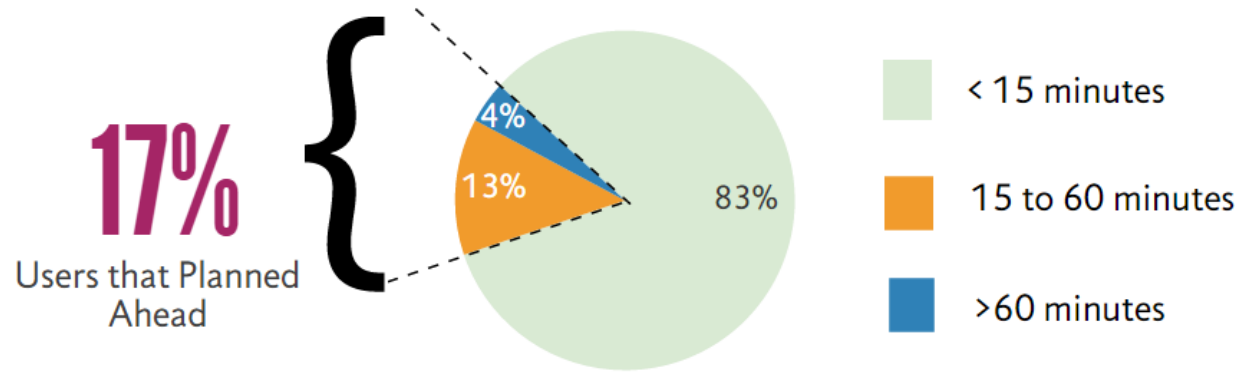


I finally realized how
much time I am
really saving!
Laura M.



Thank you! You took me a
new route and I made it to
my appt - early! Scott W.

The Beta test goal of 400 users was exceeded. Those that plan ahead using Metropia are more likely to save travel time.



From the users that planned ahead:

65% Actual Savings

43% Reported/ Perceived Savings

People are more likely to save time by changing their departure times!



Download Metropia 

Rewards Get Points
to help your **City**

Trees for All



Metropia plants a tree for your city

Thank you!