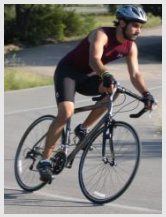
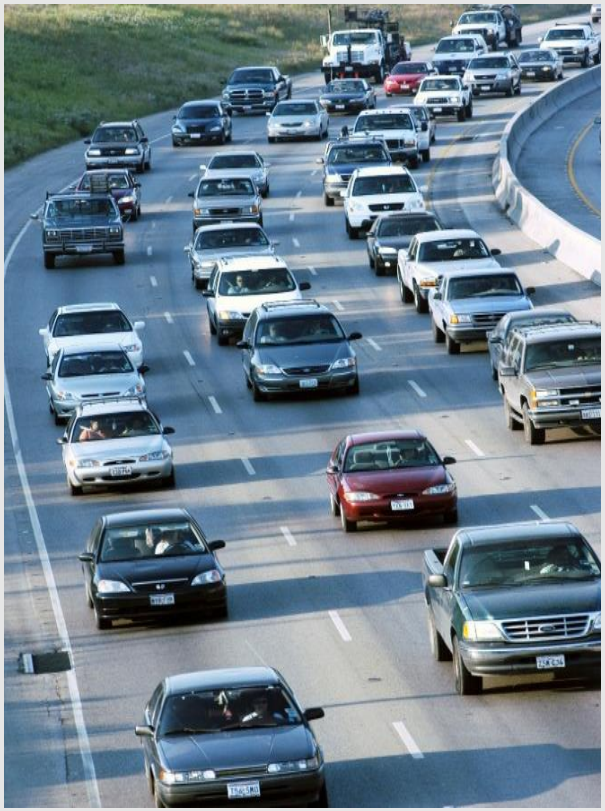


mobility INTERSTATE 35 CAPITAL AREA

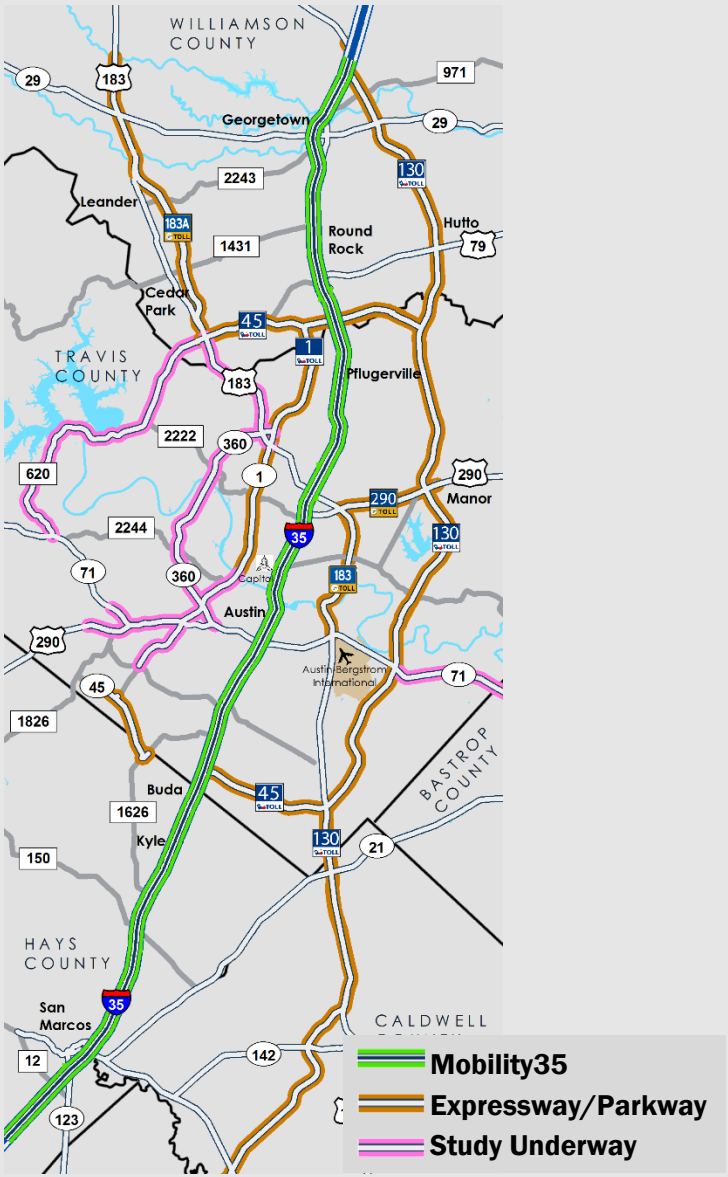


MOBILITY35

Technology Update

May 2017

Mobility35 Program Overview



- A regionwide effort to improve safety and mobility on 79 miles of I-35 in Williamson, Travis, and Hays counties
- I-35 through the heart of Austin is in the Top 5 Most Congested Roadways in Texas
- Constraints to improving I-35 include:
  - Highly constrained urban environment
  - Need to maintain mobility during construction
  - Need for east/west connectivity
  - Diverse interests
  - Funding
- Mobility35 improves safety and mobility within existing constraints and serves as part of the region's on-going transportation system upgrade

Mobility35 Goals

- Increase capacity
- Enhance safety
- Optimize existing facility
- Manage traffic better
- Minimize need for additional right of way
- Improve east/west connectivity
- Improve compatibility with neighborhoods
- Enhance bicyclist, pedestrian, and transit-user options

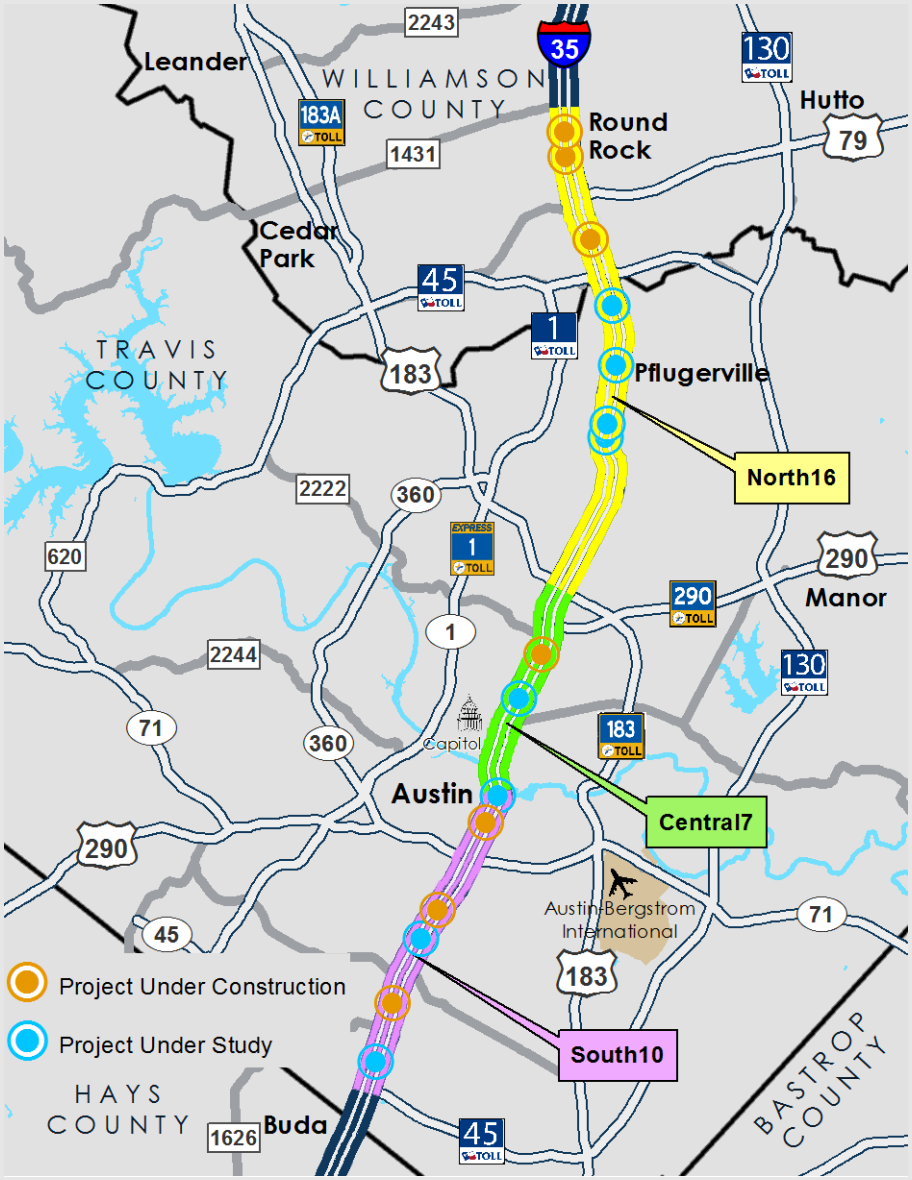
Mobility35 - A Community-Driven Effort

- Since 2011, the Mobility35 team has conducted:
  - More than 350 stakeholder meetings and community events
  - Over 30 public open houses
- Virtual open houses
- Website, Twitter, Facebook
- Location-specific outreach
  - Downtown Stakeholder Working Group
  - Decks Area Neighborhood Workshops
  - Aesthetics Working Group
- Project-specific outreach

Stand-Alone and Comprehensive Projects Strategy

Travis County:

- Stand-alone projects provide location-specific benefits
- Comprehensive Projects add express lanes and improve ramps, frontage roads, and intersections linking stand-alone projects
- Each project provides cumulative benefit to the I-35 corridor



Funded Mobility35 Stand-alone Projects

2015 Construction
Total = $125.3M

- US 79 to SH 45N (northbound)
- Stassney Lane to William Cannon Drive
- Slaughter Creek Overpass
- RM 150 to Blanco River

2016 Construction
Total = $68.4M

- RM 1431 to FM 3406 (southbound)
- 51st Street*
- Oltorf Street

2017 Construction
Total = $218.0M

- FM 3406
- Rundberg Lane to US 290E

2018 Construction
Total = $29.0M

- Posey Road

2019 Construction
Total = $194.8.0M

- Parmer Lane
- S. of Holly to N. of Oltorf (Riverside)

2020 Construction
Total = $81.2M

- Williams Drive
- Wells Branch Parkway

* 51st Street is partially funded by local contributions and Congestion Relief Initiative.

Mobility35 Stand-Alone Projects for 2018–2021

2018 Candidate Projects

- N. of River Ridge Parkway to S. of Loop 82

Total: $11.9 million

2019 Candidate Projects

- CR 305
- Corn Hill (Bud Stockton Loop) to FM 972
- Theon Road (Ronald Reagan Boulevard)
- RM 1431 to FM 3406 (northbound)
- SH 45N to Grand Avenue Parkway
- Onion Creek Parkway to SH 45SE
- Kyle Crossing to RM 150

Total: $89.5 million

2020 Candidate Projects

- S. of Lakeway to S. of Williams Drive
- RM 2243 to SE Inner Loop
- North 16-mile Comprehensive Project
- US 79 to SH45N (SB)
- South 10-mile Comprehensive Project
- S. of SH 80 to N. of RM 12 (SH 123)

Total: $870.3 million

2021 Candidate Projects

- Central 7-mile Comprehensive Project

Total: $786.2 million

Mobility35 Comprehensive Projects

- **North16 Project**
  - RM 1431 to US 183
  - $300 - $400 million
- **Central7 Project**
  - US 183 to Riverside Drive
  - Raised: $550 - $650 million
  - Lowered: $750 - $850 million
- **South10 Project**
  - Riverside Drive to SH 45SE
  - $300 - $350 million
- **Total Estimated Cost: $1.2 - $1.6 billion**

Mobility35 - Estimated Program Cost

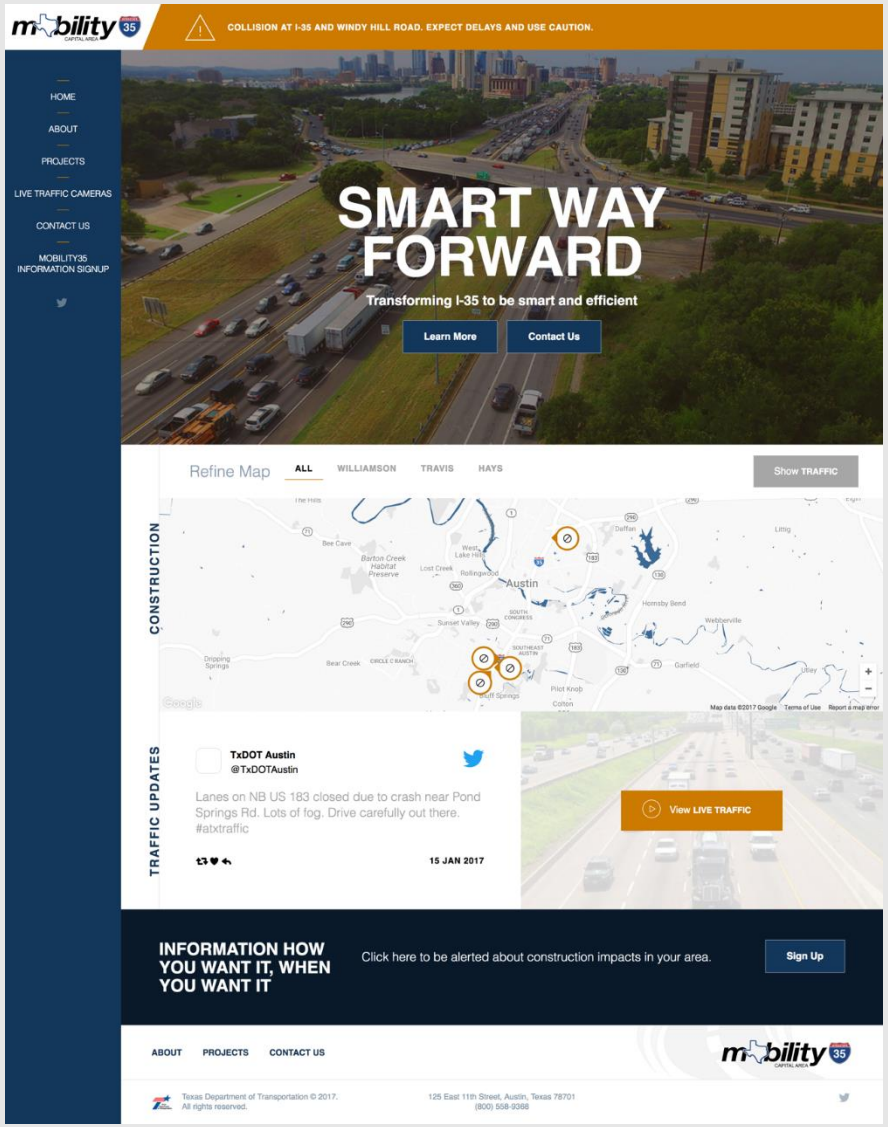
	Williamson	Travis*	Hays	Total
Estimated construction cost — Comprehensive Projects:	$0.3B	$1.2B - $1.6B	$0.9B	$2.4B – 2.8B
Estimated construction cost — Stand-alone Projects:	$0.3B	$0.6B	$0.4B	$1.3B
Other costs (ROW, utilities, development, etc.)	$0.2B	$0.3B	$0.3B	$0.7B
Total Program Cost:	**0.8B**	**$2.1B – $2.5B***	**$1.6B**	**$4.4B - $4.8B***
Funded to date — Construction	$101M	$650M	$38M	$789M
Funded to date — Other costs (ROW, utilities, development, etc.)	$18M	$71M	$8M	$97M
Remaining to be funded in three counties:	**$0.7B**	**$1.4B - $1.8B***	**$1.6B**	**$3.6B - $4.0B***

**Range is partially dependent on Raised or Lowered options between 8th Street and Cesar Chavez. TxDOT is currently studying financial options for funding express lanes in Travis County.*

Mobility35 Leverages Technology

- My35Construction.org
- Traveler Information Systems
- Smart Work Zone
- Integrated Corridor Management
  - Improving travel choice information
  - Improving emergency services notification
  - Improving inter-agency collaboration for planned events
  - Real-time operations adjustments by various agencies for incident response

My35Construction.org



- Visitors to My35Construction.org can get up-to-date information about lane closures, crashes and delays on any device including desktops, laptops, smart phones, and tablets
- Users can also sign up for updates and notifications customized to their specific I-35 trips and sent via email
- New online tools include:
  - Travel and construction interactive map
  - Travel and crash alerts
  - Social media notifications
  - Detailed project information
  - Live-streaming traffic video

Traveler Information System

- Goals
  - Provide accurate information to travelers
  - Reduce impacts related to construction
  - Inform our community partners

Traveler Information System

- Challenge
  - Significant impacts from multiple (sequential) and major activity type closures
- Purpose
  - Effectively plan, communicate and manage all closures

Traveler Information System Team

- Director of Construction, Area Engineers, Project Managers, Construction Engineering Inspection consultant (CEI), and General Engineering Consultant (GEC)
- Contractors
- City Staff (San Marcos, Kyle, Buda, Austin, Pflugerville, Round Rock, Georgetown)
- Regional Mobility Authority (RMA) and Toll Operations Division (TOD)
- Emergency Services
- Combined Transportation, Emergency & Communications Center (CTECC)/Traffic Management Center (TMC)/Highway Emergency Response Operator (HERO) Program
- Public Information Officer (PIO)
- Texas Transportation Institute (TTI) / Center for Transportation Research (CTR)
- Metropia/Google/Waze

Stay involved:

Web: www.My35.org/Capital, www.My35Construction.org
Facebook: www.facebook.com/TxDOT
Twitter: @TxDOTAustin
Email: info@mobility35.org