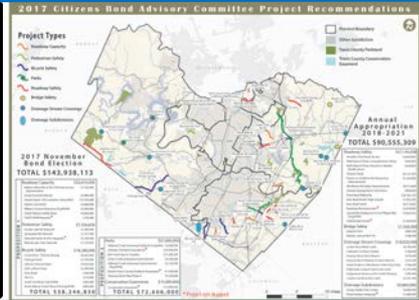


Travis County 2017 Bond

March 1, 2018



Travis County 2017 Bond Election Selection Process

- **The Travis County Commissioners Court appointed a 15 member Citizen Bond Advisory Committee (CBAC) in February of 2017 with each Court member appointing three committee members**
- **The CBAC held 18 Committee Meetings and 6 Public Outreach Meetings over 4 months and presented their final report to Commissioners Court in July of 2017**
- **Travis County Commissioners Court finalized the list of projects in August and adopted an order calling for a bond election for November 7, 2017.**

Bond Proposals by Category

2017 Voter Approved Bond

Prop A – Transportation \$93.4 M

Prop B – Parks/ Conservation Easements \$91.5 M

Certificates of Obligation FY18-FY23

Safety / Drainage / Bridge projects \$94.9 M

TOTAL = \$279.8 M

*** All Projects completed or under construction within 5 years**

DETERMINATION OF NEED FOR PROPOSED BOND TRANSPORTATION PROJECTS



- **Roadway Capacity Projects**
- **Roadway Safety Projects**
- **Sidewalk Projects**
- **Drainage Projects**
- **Bridges**
- **Bicycle Projects**



Travis County Transportation and Natural Resources Department

Sources to Determine Needs

Regional and County Plans

- CAMPO 2040 Regional Transportation Plan (CAMPO 2040)
- Land, Water and Transportation Plan (LWTP)
- Travis County Transportation Plan (Under development)

Localized Plans/Studies

- Colorado River Corridor Plan 2012
- Safety Studies (High Accident Location Study 2016), BRINSAP, Drainage Study 2016
- Bicycle Safety Task Force Recommendations (BSTF)
- Traffic Studies/Recommendations



Neighborhood Meetings/Constituent Requests

- Congestion Complaints, Cut-Through Traffic, Truck Traffic, Safety

Actions/Requests by Another Jurisdiction/Agency

Private Sector/Developer Partnerships

Commissioners Court

- (Constituent and Developer Requests)

CAMPO 2040 Plan

Travis County

- Additional 700,000 in population by 2040 (net 65 persons/day)
- Doubling of employment by 2040
- Travis County population 2016 estimate: 1,166,301
- Unincorporated only 2016 estimate: 215,166 (18.4%)
- 63.4% of Travis County land area is unincorporated

CAMPO 2040 Plan is based upon a 25-year population and employment forecast

- Forecast supports Regional Centers Concept
- Plan and recently adopted LWTP are aligned on Centers Concept and locations

Capacity Projects

$$d_1 = \frac{C * [1 - (g/C)^2]}{2 * [1 - (g/C) * \min(1, X)]}$$



These projects are based on the need to

- 1.) reduce traffic congestion
- 2.) increase roadway capacity
- 3.) create new connections
- 4.) provide additional access

Capacity Projects in presentation

- 1.) Bullick Hollow Rd @ FM2769
- 2.) Grand Avenue Pkwy
- 3.) Harold Green from SH130 to Austin's Colony



#1 Bullick Hollow Rd @
FM2769



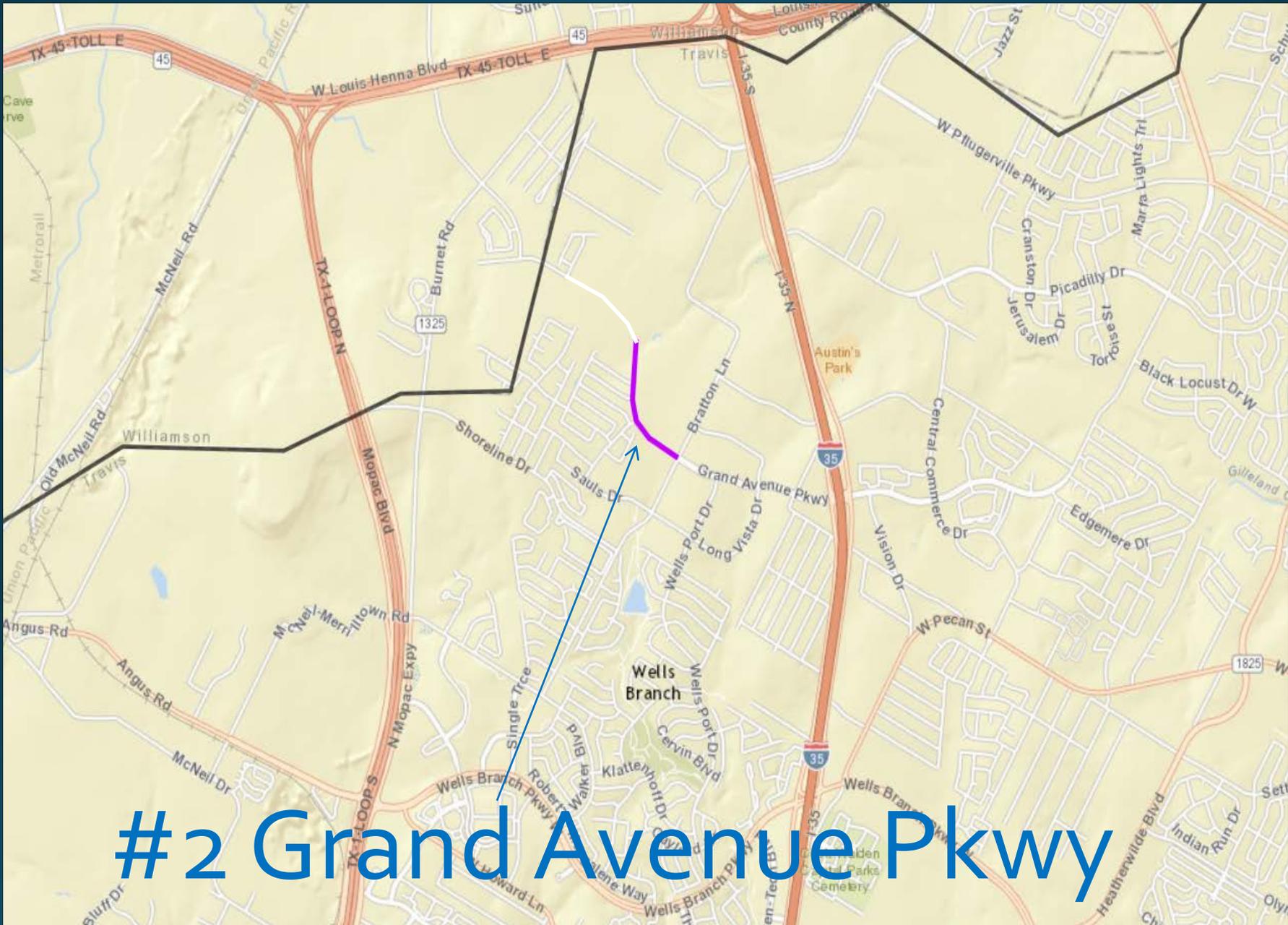
Bullick Hollow Rd @ FM 2769

400 feet \$1.1M

Description: Add 400' of right turn lane on northbound Bullick Hollow at FM2769

Statement: Traffic backs up on Bullick Hollow Road up to 1.0 mile during PM peak traffic periods. The majority of the traffic turns from northbound Bullick Hollow onto eastbound FM2769 (90%). When a vehicle tries to turn left, there are significant delays waiting for a gap in traffic and this vehicle blocks the heavy load of right turning traffic, thus creating the back-up.

Solution: Adding a right turn lane will allow any left turners to queue in their own lane and not block the heavy load of right turning traffic. This improvement would also add a yield right turn movement that would further improve the capacity of the right turning volumes.



#2 Grand Avenue Pkwy

Grand Avenue Pkwy

0.7 miles \$4.4M

Description: Add 2 lanes where there are existing lanes, then Add 4 lanes to complete the gap over to Bratton

Statement: Grand Avenue Pkwy is in the CAMPO plan to connect as a MAD₄ from IH₃₅ to FM₁₃₂₅, but there is a gap of about 900' that is missing as well as 1,700' that is only two lanes.

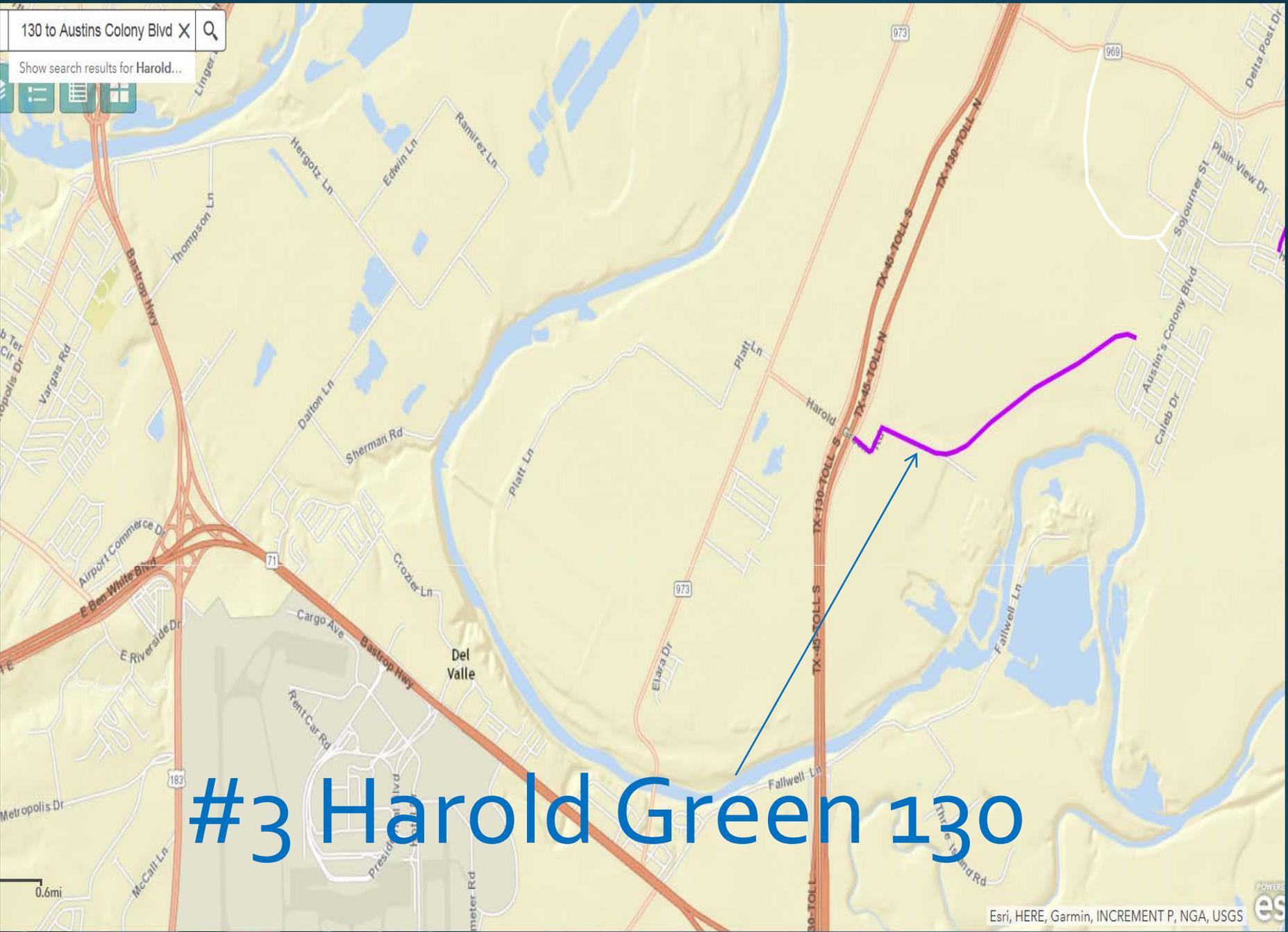
Solution: Travis County is currently working with the property owner (shaded in orange) on an agreement that would have him construct two lanes to complete the gap, if the County agrees not to ask for any addition traffic improvements when he develops his property. This project has the opportunity to leverage a private agreement and would allow the County to possibly construct a four lane divided arterial that would provide a continuous MAD₄ from IH₃₅ to FM₁₃₂₅.



130 to Austins Colony Blvd X



Show search results for Harold...



#3 Harold Green 130

0.6mi





Harold Green 130

1.5 miles \$10.7M

Description: Construct a new 2-lane road with bike lanes and sidewalks from the back side of Austin's Colony neighborhood over to SH130

Statement: FM969 in front of Austin's Colony is heavily congested and is causing significant delays for residents in Austin's Colony and other nearby neighborhoods. Neighborhood needs secondary access to another road besides FM969

Solution: The Harold Green connection to SH130 would provide an alternative access point to the Austin's Colony neighborhood and relieve congestion on FM969.

Safety Projects



These roadway projects are based on the need to

- 1.) reduce accidents
- 2.) provide safe alternatives
- 3.) protect the public
- 4.) provide additional ingress/egress

Safety Projects in presentation

- 1.) Wells Branch Pkwy Comprehensive Study
- 2.) Pearce Ln @ Kellam Rd intersection improvements
- 3.) Littig Road Bridge # 161 replacement

Sidewalk Projects



These projects are based on the need to

- 1.) provide separation between traffic and pedestrians
- 2.) close gaps in existing sidewalk infrastructure
- 3.) comply with Americans with Disabilities Act
- 4.) provide sidewalks near high pedestrian generators such as schools, bus routes, community centers, etc.

Pedestrian Projects

- 1.) Decker Lane Road sidewalk
- 2.) Westminster Glen sidewalk

Decker Lake Road sidewalk

1.2 miles of new sidewalk

\$1,900,000



Drainage Projects



These projects are based on the need to

- 1.) raise existing low water crossings to reduce frequency of overtopping
- 2.) increase accessibility to neighborhoods that could be cut off during a flooding event.
- 3.) reduce the probability of a low water crossing being damaged or washed out during overtopping events
- 4.) reduce the probability of vehicles being swept off the the roadway during flood events

Bicycle Projects

Bicycle Safety Task Force Recommendations

- Projects for Future County and City Bond Elections
- Proposed Freeway and Spoke System for County



Off-Road Trail and Shared Use Path's

- CAMPO Regional Active Transportation Plan (under development)
- Travis County Multi-modal Transportation Plan (under development)
- TNR's Park's Division
 - County Parks Master Plan
 - Onion Creek Greenway Plan



How do we complete \$250M of Projects within a 5 year timeframe?

- **We will 1-2 General Engineering Consultant firms (GECs) to help facilitate and manage Design and Construction Projects.**
- **We are in the process of negotiating with our first GEC and should have them on board by April of this year. We will evaluate the need of a second GEC in the fall.**
- **We will also utilize a Program Manager Consultant (PMC) to help organize the schedule and budget as well as help us track performance measures on all the projects.**