Proposed 2011 Travis County Bond
Preliminary Bond Projects Presentation

Roadway Improvements, Safety, Bicycle/Pedestrian and Road Reconstruction

Travis County 2011 Citizens Bond Advisory Committee
Public Meetings
June 2011
Mobility Challenges for the Region

- **Population Gains Continue**
  - Travis County to add 500,000 persons by 2035
  - 3 County population doubles to nearly 3 million by 2035
- **Growth Continues in Suburban Fringe and Outside Travis County**
  - Significant Employment Remains in Austin’s Urban Core
- **Congestion Continues to Worsen**
  - Recent Congestion Index shows Increasing Peak Hour Periods
  - Vehicle Miles Travel for region will double by 2035
- **Limited Mobility Options**
  - High Percentage of Single Occupant Vehicle Travel Continues
- **Reductions in Traditional Federal and State Funding Sources**
  - Regional Transportation Solutions/Funding Passed to Local Providers
Travis County Population Change and Projection 1960 - 2030

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
<th>Change</th>
<th>% Change</th>
<th>Avg. Yrly. Growth Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1960</td>
<td>212,136</td>
<td>83,380</td>
<td>39.30%</td>
<td>3.37%</td>
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<tr>
<td>1970</td>
<td>295,516</td>
<td>124,057</td>
<td>41.98%</td>
<td>3.57%</td>
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<td>1980</td>
<td>419,573</td>
<td>156,834</td>
<td>37.38%</td>
<td>3.23%</td>
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<td>1990</td>
<td>576,407</td>
<td>235,873</td>
<td>40.92%</td>
<td>3.49%</td>
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<td>2000</td>
<td>812,280</td>
<td>211,986</td>
<td>26.10%</td>
<td>2.35%</td>
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<td>2010</td>
<td>1,024,266</td>
<td>189,734</td>
<td>18.52%</td>
<td>1.71%</td>
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<tr>
<td>2020</td>
<td>1,214,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2030</td>
<td>1,439,000</td>
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Source: US Census and State Data Center Projections (Growth Scenario 1.0 and .5 Average)
Travel Characteristics In the Region

• Work Trips Continue to Be Made in Single Occupant Vehicles
  • In 2009, 73% of work Trips are SOV compared to 4% in Transit
  • Small percentages in Other Modes Used (carpooling 12%)
  • Long Work Trips (13 mi) made to Urban Employment Center

• Vehicle Miles Traveled (VMT) continues to increase
  • Per Capita VMT about 24 miles
  • VMT doubles to 75 Million miles by 2035

• For the County, trips are occurring on rural 2-lane arterials
  • 2-lane rural design capacity is between 10-15,000 vpd
  • 4-lane arterial capacity up to 35-40,000 vpd
Regional Network Improvements Passed to Local Providers

- TXDoT revenues earned from gas tax have declined:
  - State’s 20 cent tax has not increased since 1991
  - Federal 18.4 cents not increased since 1993
  - Not indexed for inflation
  - Gas mileage on newer cars has increased

- Legislative bills filed to raise gas tax, and vehicle registration and a local option sales tax have not been passed.
- Local jurisdictions becoming responsible for additional capacity and new state projects especially in suburban and rural areas.
- Travis County Commissioners Court applied for Pass-Through Financing funding in January 2011.
  - FM 1626, FM 973 Manor By-Pass, FM 969
  - Received approval by TXDoT to negotiate an agreement (MO) for FM 1626 and FM 969
Past Mobility Funding Sources

- Road and Bridge Fund (License Plate Fees)
- Certificates of Obligation (Reimbursed by Property Tax)
- Road District and Public Improvement Districts
- Build Central Texas
  - (1993-2008)- $6.5 Million (CapMetro refund from ¼ tax, only for Pct. 2)
- STP-4C and STP-MM (Federal Grant)
  - (1995 – Present)- $37.8 Million awarded to Travis County
  - (2012-2014) estimated $100 Million available to Region
  - (1992-2010) approximately $471 Million awarded to Region
- Voter Approved Bond Elections (Roads, Bridges, Right-of-Way, Sidewalks and Trails)
  - 1997  $45.2 Million
  - 2000  $28 Million
  - 2001  $153.2 Million
  - 2005  $62.8 Million
  - Total: $289.2 Million
How are Mobility Needs Identified? Through Various Plans and Actions

• Regional Transportation Plans – CAMPO
  • CAMPO 2035 Regional Transportation Plan
  • Congestion Management Plan

• Localized Plans/Studies
  • High Accident Location Studies
  • Traffic Studies/Recommendations
  • Pavement Management Plan

• Neighborhood Meetings/Requests
  • Congestion Complaints, Cut-Through Traffic, Truck Traffic

• Actions/Requests by Jurisdiction/Agency
  • Regional Projects
  • Advocacy Groups
CAMPO 2035 Plan

• Five County Regional Transportation Plan
  – Travis County adopts the CAMPO Long Range Transportation Plan as its transportation plan.

• Plan is Multi-modal. Included are projects planned for arterials, highways, bike/ped and transit ways.

• The Plan is based upon a 25-year population and travel forecast (previous forecasts have been trends, now Centers based).

• Plan lays out travel corridors and the County determines road alignments for arterial roadways in unincorporated areas of Travis County.

• Current Plan - $16.5 billion of roadway and transit projects, Travis County has $1.2 billion in projects.
Staff Criteria Used to Identify and Prioritize Projects

• **Threshold Criteria**
  - County Obligation (MO, Court action)
  - Consistent with CAMPO Plan or safety issue
  - Located in unincorporated area/needs public partner

• **Evaluation Criteria**
  - Over $465 Million of Road Improvements projects evaluated
  - Project Readiness (Status of Project Development)
  - Existing Need (Congestion rating)
  - Future Need (Forecasted Congestion Rating)
  - Cost Effectiveness (Cost/Volume Increase)
  - Proximity to Growth and Forecasted Growth Areas
  - Project Type (Gap Completion and Connectivity)
CBAC Criteria Used to Evaluate Projects

- **Project Need**
  - Address existing and future need as well as protect future options

- **Project Type**
  - Connectivity, Gap Completion
  - Continuation of Previously Funded Projects
  - Safety Projects (Roads, Intersections, Bike/Ped)
  - Operational and Maintenance Improvements

- **Project Location**
  - Connections to SH 130
  - Locations in Growth Area and near Centers

- **Leveraging Funds**
  - Public and Private Partnerships
  - Plan for Future Bonds
Road Improvements, Safety, Bicycle/Pedestrian and Reconstruction Projects

Preliminary Project List Cost Estimates

<table>
<thead>
<tr>
<th>Category</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Road Improvements</td>
<td>$82,982,000</td>
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<tr>
<td>Safety Improvements</td>
<td>$11,307,000</td>
</tr>
<tr>
<td>Bicycle/Pedestrian</td>
<td>$3,793,000</td>
</tr>
<tr>
<td>Reconstruction</td>
<td>$4,000,000</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$102,082,000</strong></td>
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Pass Through Finance (FM 1626, FM 969): $25,907,000
Rowe Lane  
(SH 130 to Martin Lane)  
Upgrade existing 2-lane road with shoulders and culvert widening  
(No cost participation at this time)  
$1,463,000

Weiss Lane  
(Pecan Street to Cele Rd.)  
Upgrade existing 2-lane road with shoulders and turn lanes  
(No cost participation at this time)  
$6,731,000
Wells Branch Parkway
(Immanuel Rd. to Cameron Rd.)
Upgrade existing 2-lane road and construct to 4-lane divided arterial
(Cost share commitment received on Phase III)
$7,009,000

Cameron Road (W of SH 130)
(Howard Ln. to SH 130)
Upgrade existing 2-lane road to 4-lane divided arterial
(Right-of-way donation commitments)
$13,760,000
FM 973-Blake Manor Connector
(FM 973 to Blake-Manor Rd.)
New 4-lane divided arterial
(Cost Share Agreement in Discussion)
$7,871,000

Blake-Manor Rd.
(Wildhorse Connector to East Metro Park entrance)
Upgrade existing 2-lane to 4-lane divided arterial
(Cost Share Agreement in Discussion)
$12,442,000

Wildhorse Connector
(Future Parmer Lane to FM 973)
New 4-lane divided arterial
(Cost Share Commitment Received)
$7,898,000

Wildhorse
5828 Res. Units

Wolf
731 Res. Units

Eastwood
2282 Res. Units

Whisper Valley
6188 Res. Units

East Metro Park

Taylor Ln.

Future Braker Lane

Future Parmer Lane

Austin

Manor

Us 290 E

FM 973

FM 569

Burleson-Manor Rd.
Arterial A 
(US 290 E to Cameron Rd.)
Design and Right-of-Way Acquisition for
4-lane Divided Arterial
(No Cost Participation at this Time)
$1,553,000

Tuscany Way South
(US 290 E to Springdale Rd.)
New 4-lane Arterial
(COA cost participation)
$3,250,000
FM 969
(FM 3177 to Hunters Bend Rd.)
New 4-lane divided arterial
(Pass-Through Finance Agreement)
$13,987,000 (Not Funded in Bond)

Austin Colony Secondary Access
(Westall St. and Sandifer St. to FM 969 at Gilbert Ln.)
New 2-lane collector road
(No cost participation)
$3,730,000

Hunters Bend Road Sidewalk
(Austin Colony Blvd. to Red Tails Dr.)
New sidewalk
(No cost participation)
$293,000
Lost Creek Sidewalks
New Sidewalks within Lost Creek MUD
(Cost Share Commitment Received)
$500,000

US 290 - Circle Drive Intersection Improvements
Realign Circle Drive and Spring Valley Intersection
(TXDoT Cost Share with Traffic Signal)
$810,000

Bicycle Safety Projects
Projects to be Identified by Bicycle Advocacy Group
$3,000,000

Road Reconstruction/Substandard Roads
TNR to Assign Funds
$3,000,000 (Reconstruction)
$1,000,000 (Substandard Roads)

FM 1626
(Brodie Lane to FM 2304 (Manchaca Rd.)
Upgrade 2-lane Road to 4-lane Divided Arterial
(Pass-Through Finance Agreement)
$11,920,000 (Not Funded in Bond)
Lohman Ford Rd.
(Re-align 3,100 feet of 2-lane roadway around Osprey Ridge Loop)
(Cost Share Commitment Received)
$1,589,000

Bee Creek Road
(SH 71 W to middle school - 4-lane divided arterial)
(Middle school to Highlands Blvd. - 2-lane divided arterial)
(Cost Share Commitment Received)
$7,369,000

Flint Rock Road
(New 4-lane road from RM 620 to Wild Cherry Dr., shoulder and safety improvements from Wild Cherry Dr. to Serene Hills Dr.)
(Cost Share Commitment Received)
$3,715,000

Bee Creek Rd
$1,237,000

Highlands Blvd.

Serene Hills Dr.