Capital Metro at a Glance

- Established in 1985
- 535 square mile service area
- 1,079,995 population
- 7 Member Cities
  - Austin
  - Leander
  - Manor
  - Lago Vista
  - Jonestown
  - Point Venture
  - Former Travis County Pct. 2
  - Anderson Mill (WilCo)
Capital Metro at a Glance

- 32 million annual ridership
- 14.75 million revenue miles
- 105,000 daily ridership
- 2,800 bus stops
- 43 MetroRapid stations
- 9 MetroRail stations
- 550 revenue vehicles
- 10 MetroRail vehicles
Capital MetroRail – Red Line

- 814,292 ridership (FY16)
- 288,000 revenue miles (FY16)
- 32-miles of revenue track
- 10 Stadler GTW DMU fleet
  - 6 in service
  - 4 in testing
- 9 MetroRail stations
- Operations began in 2010
Capital MetroRapid – Routes 801 & 803

• 43 MetroRapid Stations
  – 15-20 minute headways
  – Real-time arrival data
  – FTA funding

• 40 MetroRapid vehicles
  – 60-foot articulated
  – 40-foot standard
  – 15 vehicles on order

• 347,022 rides in March 2017
  – 20 percent increase
Capital MetroExpress – Commuter Routes

• 7 Express routes
  – Tech Ridge (Rt. 935)
  – Lantana (Rt. 970)
  – Pavillion (Rt. 982)
  – N. 183 (Rt. 983)
  – Leander/Lakeline (Rt. 985)
  – Leander/Lakeline (Rt. 987)
  – Manor/Elgin (Rt. 990)

• MoPac Managed Lane Service
  – New Howard (Rt. 981)
Capital MetroBus – Local Routes

• 50 MetroBus routes
  – 4 Frequent Local Routes
  – 15-minute frequency

• 19 UT Shuttle routes

• 355 MetroBus fleet

• 2,700 local bus stops

• Major changes ahead as part of Connections 2025
Capital MetroAccess – Paratransit Service

- Point-to-Point paratransit service for disabled customers
- 698,896 revenue trips
- 116 paratransit vehicles
- Services operates within ¾ mile of fixed route bus lines
- Eligibility assessment required
Capital Metro RideShare – Carpool Service

• 259,000 trips (FY16)
• 2,241,335 revenue miles (FY16)
• Over 200 vans and SUVs
• 5 to 12 passengers per pool
• Month-to-Month agreement, including insurance, repairs, fuel card, and roadside assist.
• Available for trips in and out of the Capital Metro service area
Capital Metro Freight Operations

- 162 miles of track between Giddings and Llano
- 70,000 revenue car miles
- Operated by Watco Companies
- $5,000,000 +/- annual revenue
- Austin Steam Train Association weekend excursion operations
New Downtown Rail Station

- $50 Million TxDOT Grant
  - $22 million: Station
  - $28 million: Rail Cars (4)

Station Project
- 3 Tracks / 5 Train Capacity
- New Public Plaza
- 60% Design
- City of Austin Interlocal Agreement
New Downtown Rail Station – Station Site

- future ramp by others
- proposed shade trees
- future pedestrian bridge by others
- transit sign (laid)
- canopy
- trash & recycle receptacles
- tactile warning strips
- future ticket vending machine location
- plant bed
- ticket vending machines
- queueing space
- embedded pedestrian warning lights
- future ticket vending machine location
New Downtown Rail Station – Station Site

- Proposed shade trees
- Existing shade trees
- Benches
- Bicycle racks
- Trash receptacles

Temporary shared use, pending future development of dedicated sidewalk by others

Great Streets improvements by others
Existing signal house
Provisional signal house
New Downtown Rail Station – Station Site
New Downtown Rail Station - Plaza
New MetroRail Vehicles

- Brush Square
- Farmer's market tent
- Cafe seating
- Moveable planter

Austin Convention Center
MetroRail Vehicles – Stadler GTW DMU

• 4 new vehicles funded through a portion of TxDOT’s $50 million grant
MetroRail Vehicles – Stadler GTW DMU

• 4 new vehicles funded through a portion of TxDOT’s $50 million grant
MetroRail Vehicles – Stadler GTW DMU

• 4 new vehicles funded through a portion of TxDOT’s $50 million grant
MetroRail Vehicles – Stadler GTW DMU
TIGER V Railroad Infrastructure Improvements

- $35 Million FTA Grant
- Improvements to
  - Track Sections (complete)
  - Bridges (underway)
  - New Passing Tracks (design complete)
    - Lakeline
    - Howard
    - Crestview Area
- Rail Vehicle Improvements (complete)
- Complete in 2018
TIGER V Railroad Infrastructure Improvements

• Austin Junction (East 6th Street and Pedernales)
TIGER V Railroad Infrastructure Improvements

- Wye, Siding, Super-Elevations, Signals, and Systems at Austin Junction
- Currently in procurement and nearly ready for construction solicitation
TIGER V Railroad Infrastructure Improvements

- Lakeline Station

[Image of a map showing Lakeline Station and surrounding area]
TIGER V Railroad Infrastructure Improvements

- Lakeline Station (looking South)
TIGER V Railroad Infrastructure Improvements

- Crestview Station
TIGER V Railroad Infrastructure Improvements

- Crestview Station
TIGER V Railroad Infrastructure Improvements

- Crestview Station
TIGER V Railroad Bridge Improvements

- **Western Subdivision**
  - Milepost 87-125
  - 18 Bridges

- **Central Subdivision**
  - Milepost 56-87
  - 35 Bridges
  - MetroRail Red Line

- **Eastern Subdivision**
  - Milepost 0-56
  - 19 Bridges
TIGER V Railroad Bridge Improvements
Brushy Creek Trail

• Work to last through June
• Trail closure but minimal disruption to MetroRail commuter service
• Bus bridge from Leander to Lakeline
Rail Maintenance Facility Improvements

- Improvements for four new rail cars delivered in 2017.
  - Adding Fueling Capacity
  - Expanding maintenance building
  - Adding safety improvements
  - Adding track section
  - Complete in early 2018

- Future Leander North maintenance facility
MetroRapid Station Improvements

Additional Stations

Route 803

Rutland/Rundberg

Broken Spoke

Route 801

Parmer Ln

Payton Gin

North Loop

31st Street

St Elmo

Slaughter

Legend

MetroRapid
Proposed New Stations Buffer
Rapid Station Buffer

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MetroRapid Station Improvements

- 8-pairs of stations
- Design of the new stations will be similar to existing stations
- 8 paired stations with amenities and dynamic message signs
- Concrete bus pad in travel lane at stations
- August 2018 expected completion
### Capital Metro Park & Ride Projects

#### Park & Ride/Station Map

![Map of Capital Metro Park & Ride Stations](image)

#### Average Occupancy at Existing Park-and-Rides *

<table>
<thead>
<tr>
<th></th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Tech Ridge</td>
<td>476</td>
<td>53%</td>
<td>53%</td>
<td>54%</td>
<td>66%</td>
<td>55%</td>
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<tr>
<td>North Lamar TC</td>
<td>268</td>
<td>26%</td>
<td>29%</td>
<td>28%</td>
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<td>33%</td>
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<tr>
<td>Leander Station</td>
<td>635</td>
<td>36%</td>
<td>37%</td>
<td>43%</td>
<td>46%</td>
<td>41%</td>
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<tr>
<td>Lakeline Station</td>
<td>485</td>
<td><strong>84%</strong></td>
<td><strong>93%</strong></td>
<td><strong>106%</strong></td>
<td><strong>115%</strong></td>
<td><strong>114%</strong></td>
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<tr>
<td>Pavilion</td>
<td>348</td>
<td>69%</td>
<td>74%</td>
<td>73%</td>
<td>73%</td>
<td>75%</td>
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<tr>
<td>Great Hills</td>
<td>125</td>
<td>70%</td>
<td>74%</td>
<td>78%</td>
<td>68%</td>
<td>61%</td>
</tr>
<tr>
<td>Oak Hill **</td>
<td>82</td>
<td>47%</td>
<td>49%</td>
<td>49%</td>
<td>42%</td>
<td>79%</td>
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<tr>
<td>Howard Station</td>
<td>200</td>
<td><strong>57%</strong></td>
<td><strong>81%</strong></td>
<td><strong>104%</strong></td>
<td><strong>115%</strong></td>
<td><strong>115%</strong></td>
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<tr>
<td>South Congress TC</td>
<td>32</td>
<td>63%</td>
<td>69%</td>
<td><strong>83%</strong></td>
<td><strong>95%</strong></td>
<td><strong>90%</strong></td>
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<tr>
<td>Manor</td>
<td>70</td>
<td>20%</td>
<td>20%</td>
<td>18%</td>
<td>23%</td>
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<tr>
<td>Southpark Meadows</td>
<td>75</td>
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<tr>
<td>Triangle</td>
<td>200</td>
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<tr>
<td>Lago Vista</td>
<td>16</td>
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<tr>
<td>Jonestown</td>
<td>13</td>
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<td></td>
</tr>
</tbody>
</table>
• New Park & Ride (~190 Parking Spaces)
• TxDOT right of way (Ben White (SH 71) near South Lamar)
• Complete in 2018
Lakeline Park & Ride Parking Expansion

- Parking lot exceeds capacity daily and during SXSW
  - 115% capacity weekdays
- 485 current spaces
- 451 additional spaces
- Completed in Spring 2017
Lakeline Park & Ride Parking Expansion
Howard Park & Ride Parking Expansion

- Parking lot exceeds capacity during special events
- Current capacity of 200
- Adding 85 Parking Spaces
- Expected completion in Fall 2017 (ACL)
- 150 leased spaces at New Life Church for new Route 981 MetroExpress service
South Congress Transit Center Expansion

- 25 new parking spaces
- New lighting, landscaping, and security infrastructure
- Expected completion Summer 2018

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Bus Stop Accessibility & Connectivity Improvements Program

- Accessible Bus Stop as of November 2016: 96.5%
- FY17-Program goals, less than 70 projects at approximately $1,000,000
- Goal to have 99% Accessible Bus Stops
Bus Stop Accessibility & Connectivity Improvements Program

- Burnet Road & Rutland Improvements on TxDOT ROW
Areas Planned for Work Efforts

- East ML King Blvd
- Barton Springs Road (Zilker Park area)
- Oak Hill
- Central Austin
- New Bus Stops to Accommodate Connections 2025 Service Changes
### CMTA Service Guidelines for Amenities

<table>
<thead>
<tr>
<th>Category</th>
<th>Ridership</th>
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<tbody>
<tr>
<td>Placement of Bench at Bus Stop</td>
<td>15 Boardings / Day</td>
</tr>
<tr>
<td>Placement of Shelter at Bus Stop</td>
<td>50 Boardings / Day</td>
</tr>
<tr>
<td>Placement for Litter Container at Bus Stop</td>
<td>No Minimum</td>
</tr>
</tbody>
</table>

- Shelters and Benches may also be considered based on other factors such as proximity to Social Service Agencies, Medical Facilities, Schools, and Future Development.

- Guided by Capital Metro’s Service Guidelines & Standards (2016)
Bus Stop Amenities Comparison – Service Standards to Actuals

<table>
<thead>
<tr>
<th>Amenity</th>
<th>Stops That Qualify</th>
<th>Stops with Amenity</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bench - (bpd 15)</td>
<td>713</td>
<td>542</td>
<td>76%</td>
</tr>
<tr>
<td>Shelter - (bpd 50)</td>
<td>570</td>
<td>377</td>
<td>66%</td>
</tr>
</tbody>
</table>

- **FY17 Goal** - 25 shelters installed
- **FY18 Goal** - 30 shelters installed
- **FY19 Goal** - 45 shelters installed
- **FY20 Goal** - 50 shelters installed
- **FY21 Goal** - 45 shelters installed
CMTA Service Guidelines for Amenities
Leander Trail – Leander Station to Mel Mathis Boulevard

- Connects Leander Park and Ride to adjacent:
  - City of Leander Parkland
  - Austin Community College San Gabriel Campus
  - Residential and Commercial Developments

- Complete Summer 2018
- 10-feet wide
- ADA Accessible
Questions?

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