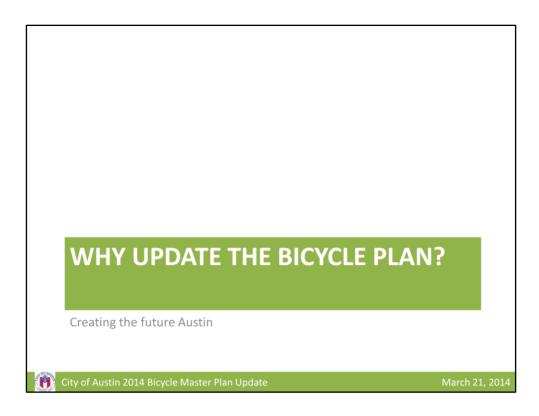
## City of Austin 2014 Bike Plan Update

Maximizing the contribution of bicycling to Austin's quality of life...

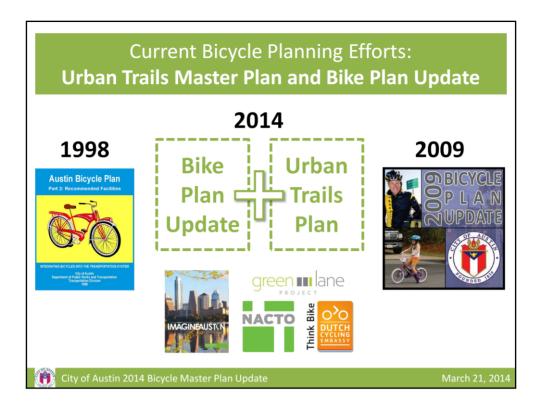


City of Austin 2014 Bicycle Master Plan Update

• The following is an overview of the content that is proposed to be included in the 2014 Bicycle Plan Update



• A brief explanation of why this update is important



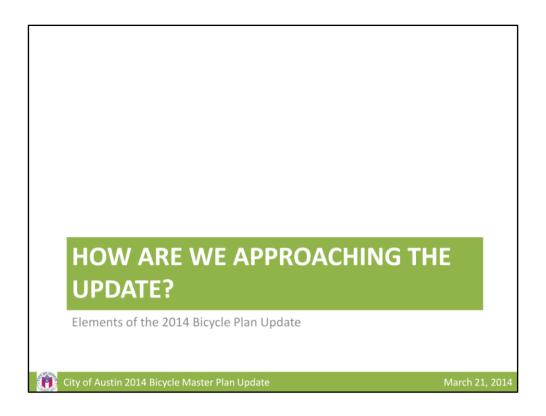
 The Bike plan builds on existing plans with latest influences from Imagine Austin, the NACTO bikeway design guide, Austin's participation in the Green Lane Project, and Austin's Think Bike event



- Integrating Imagine Austin plan into 2014 Bicycle Plan
- · Bicycling is integral in all 8 priority programs



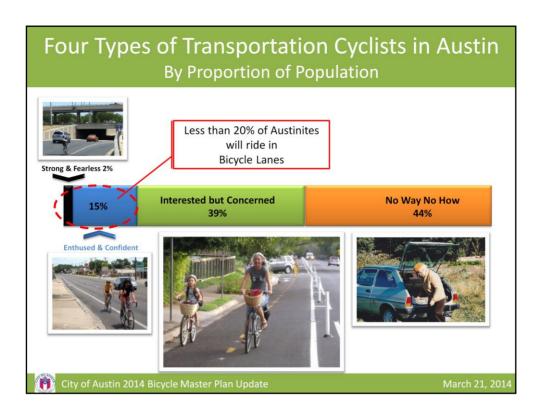
- Update the vision for the bicycle plan
- This is a very important change in focus and is the foundation for our approach to the conversation for the 2014 update



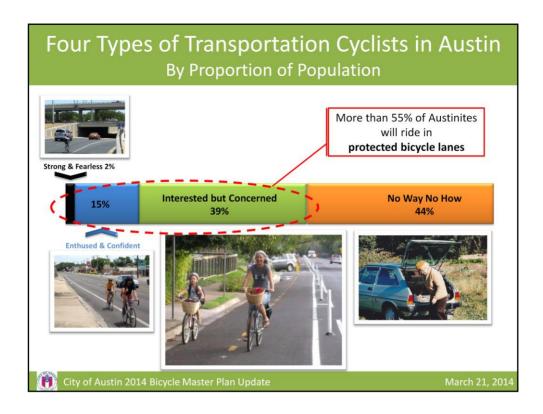
• An overview of our approach and fundamental elements that make the 2014 Bicycle Plan a significant change to the the 2009 plan

## The Bicycle Plan is a 5 E's Approach Updates for all ages • 45,000 children • 1,500 bike light sets · Almost 700 citations • 2% of Austinites use and abilities network educated annually distributed in 2013. given to cyclists a bicycle to get to Includes cycle tracks on bicycle safety. · Policies to annually by APD work; compared to recommendations • 300 + taught in (since 2007) a 1% national encourage Defensive Cycling developers to build • Vulnerable Road average (2011 US annually. showers, locker User Campaign Census). rooms, and secure • 6% in Central City bicycle parking.

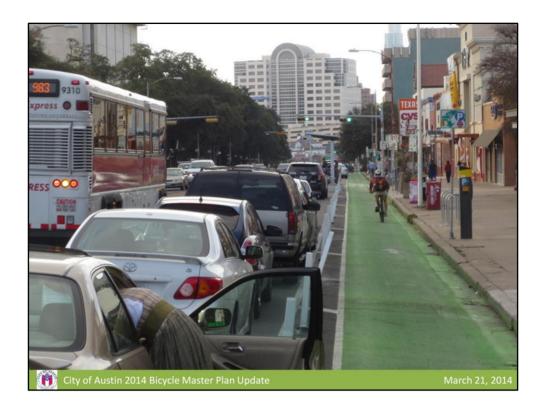
- The bicycle plan is a 5 E's plan.
- The most significant update from the 2009 Plan, and the content of this presentation, will be in the Engineering / Infrastructure recommendations and approach, the other sections will get minor updates



• Existing bicycle lanes based infrastructure attracts less than 20% of Austin's population



• A network of protected bicycle lanes will attract 55+% of the population. If we want a significant increase in bicycling and the benefits it brings to the City and its citizens, we will have to pursue protected networks.



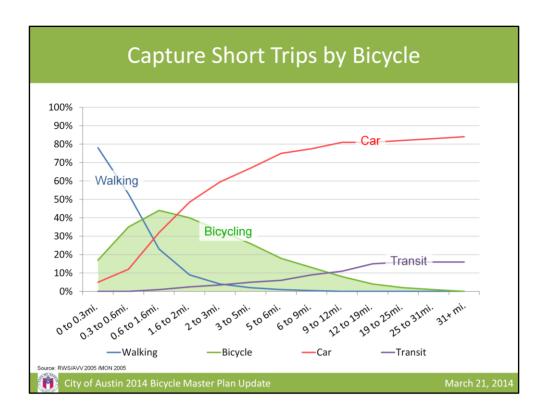
• Guadalupe next to Campus



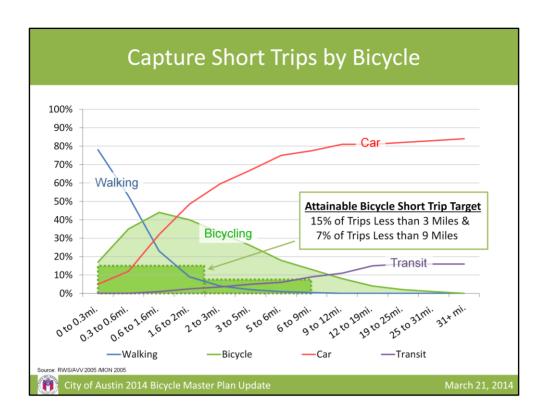
• Bluebonnet Lane Cycle Track in south Austin adjacent to Zilker Elementary



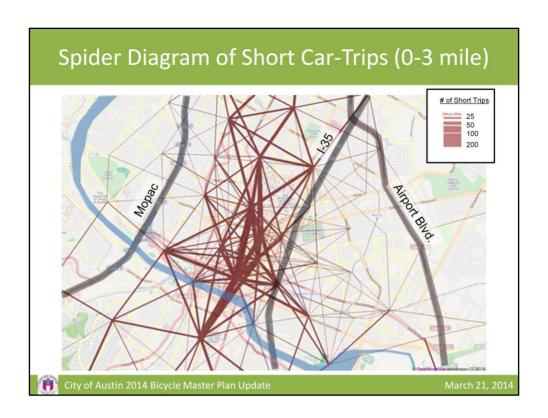
• Barton Springs Road



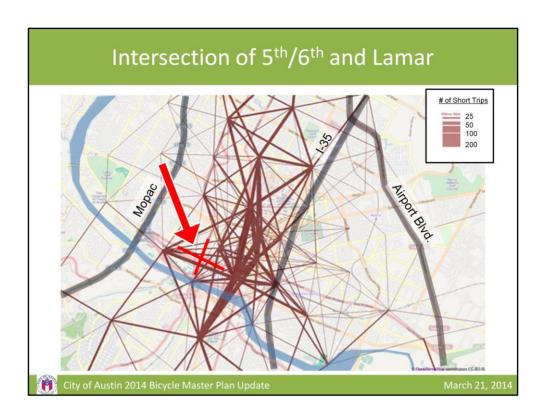
- Each mode is more and less useful at different trip lengths. For short distances walking and bicycling are best, for longer distances cars and transit are better
- Given a safe bicycle network, trips in the 1-3 mile range can be the mode with the largest mode share.
- Targeting infrastructure investments to capture short trips is critical



• The green shaded boxes show the Bicycle Plan updates trip capture targets. The plan will capture the impact of achieving these targets.



- You can see most of the short trips occur in the central city.
- They occur in every direction but you can see a north-south patterns as you would expect in our city.



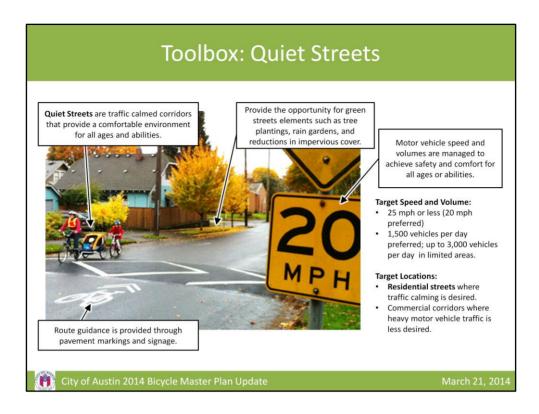
• This notoriously congested intersection has 50% of short trips going through it, a portion of which are perfect candidates to be converted to bicycle trips.



• An overview of the detailed recommendations of the 2014 Plan Update



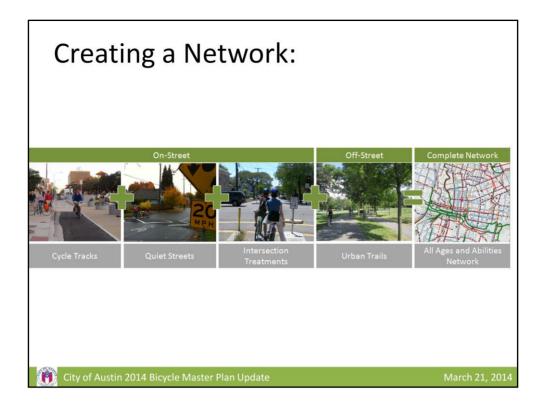
Visual guide of the principal tools used in the plan



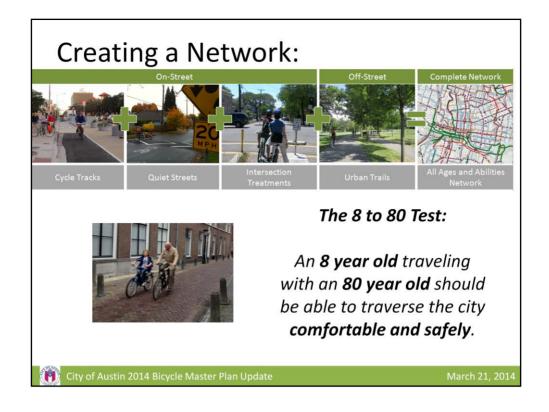
· Visual guide of the principal tools used in the plan



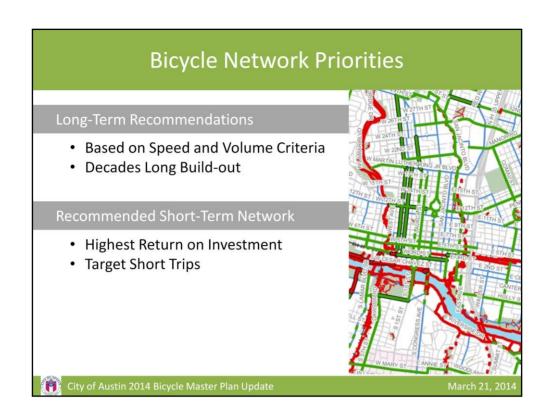
· Visual guide of the principal tools used in the plan



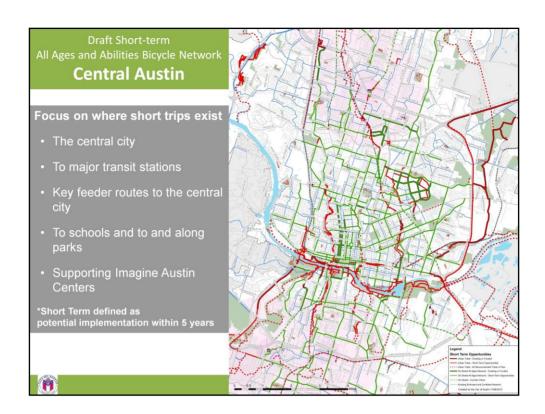
- Austin's approach will involve all of these facility types to form one all ages and abilities network
- Our street network does not support reliance on only one of these facility types



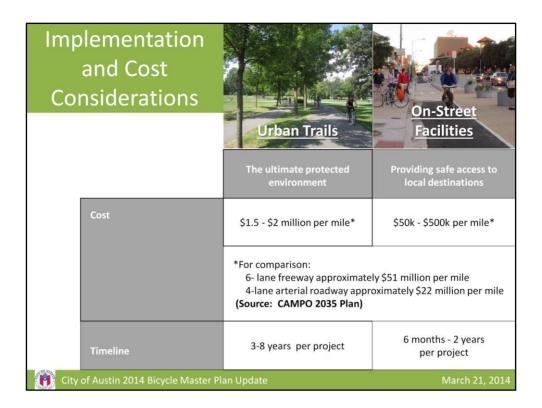
The plan proposes to hold our network to the 8 to 80 test



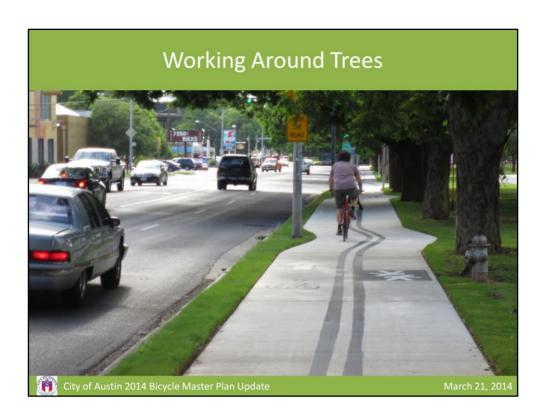
• In addition to long term recommendations based on speed and volumes of motor vehicle traffic, a feasible short term all ages and abilities network is recommended



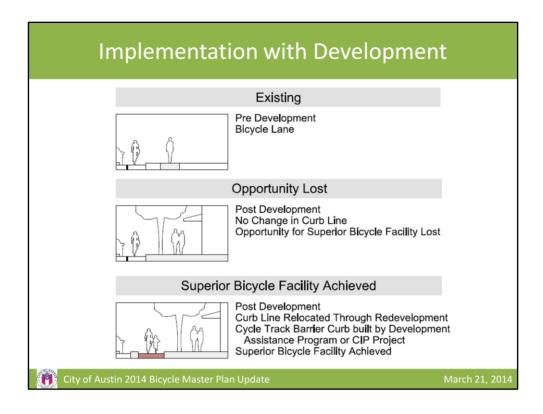
• This is a view of the short term network in the central city composed of on-street facilities and Urban Trails



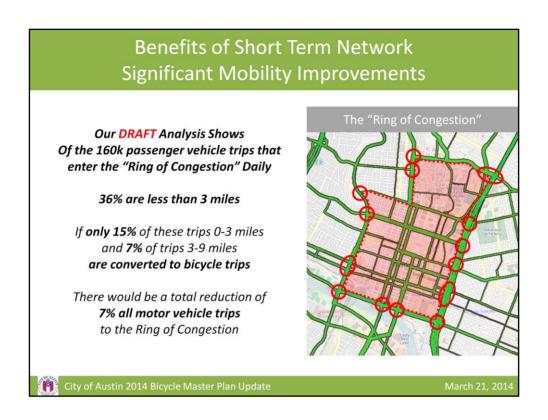
• On-street facilities are much less expensive and can be implement much faster than urban trails.



• Barton Springs Road



- It is important to ensure that corridors are shaped at time of development to provide safe bicycle facilities.
- This opportunity will not come again for many decades or more.



 Meeting our trip capture targets will the proposed short term all ages and abilities network will result in significant mobility improvements

## Reduced CO2 Levels due to Reduction in Ring of Congestion Trips Single Direction Miles Daily 63,591 BiDirectional Miles Daily 127,182 Lbs of Co2 Daily 145,351 Lbs of Co2/day Stored per Day for Healthy 7ree Number of Trees required to Achieve CO2 4,000,000 Reduction City of Austin 2014 Bicycle Master Plan Update March 21, 2014

• The previously estimated reduction in trips can be converted into less miles traveled to calculate benefits. Benefit in reduction of CO2 is shown.



## **CITY OF AUSTIN 2014 BIKE PLAN UPDATE**

For more information: <a href="http://austintexas.gov/yourpath">http://austintexas.gov/yourpath</a> For comments contact: Nathan Wilkes, <a href="mailto:nathan.wilkes@austintexas.gov">nathan.wilkes@austintexas.gov</a>

City of Austin Bicycle Program

City of Austin 2014 Bicycle Master Plan Update

• And thus concludes an overview of the content that is proposed to be included in the 2014 Bicycle Plan Update