

# Trails and Transportation

## *Capital Area Trail System – Walk for a Day*

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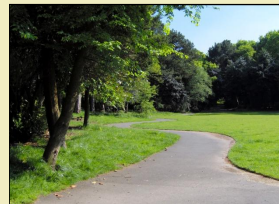
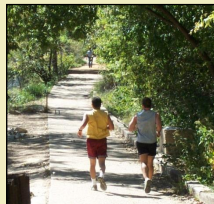
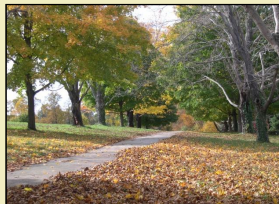


TexITE 2010 Winter Meeting  
January 29, 2010  
Frisco, Texas



### *Purpose*

- Alternative Modes of Transportation and its Relation to Trails
- Design Considerations for Existing Conditions and Future Growth
- Capital Area Trail System – Walk for a Day



## *What is Transportation?*

### **Transportation:**

The movement of people and goods from one location to another.

### **Alternative Modes of Transportation:**

The use of non-conventional, typically fuel-efficient or environmentally friendly method of transportation.



## *Alternative Modes of Transportation Programs*



Texas Safe Routes to School Program – improves childhood health, improves pedestrian safety, and improves environment

- Established through the Federal Transportation Bill in 2005
- All 50 States have this Program.
- Federal Government apportioned \$612 million
- Texas DOT Received \$13,500,000 in 2009



## *Alternative Modes of Transportation Programs*



Prevention and Wellness Programs – federal grant program for communities to enhance bicycle and pedestrian activities

- Established through the Department of Health and Human Services
- \$650 Million Available for Public Health Efforts

## *Alternative Modes of Transportation Programs*

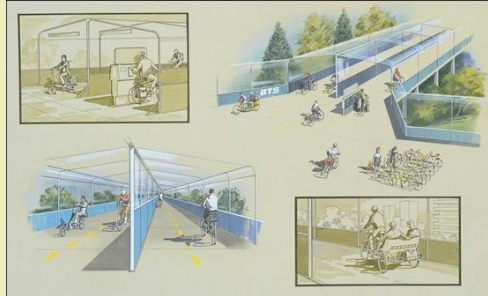


Bike to Work Day – promotes the use of bicycles as the primary method of traveling to and from work

- Greater Dallas Area Logged 4,383 Miles
- Reduced 5,045 lbs of CO<sub>2</sub> Emissions in One Day
- Texas Emitted 203.1 Million Metric Tons in 2007 for Transportation Use Alone.

## *Future Growth*

- Creation of Independent Bikeway/walkway Networks
- Enhancement of Existing Bike Lanes
- Expansion of Regional Trail Systems
- Expansion of Urban Pedestrian Networks
- User Education and the Promotion of Utilizing Alternative Modes of Transportation



BTS TransGlide 2000™  
Bicycle Transportation Systems, Inc.

## *Future Growth (cont.)*

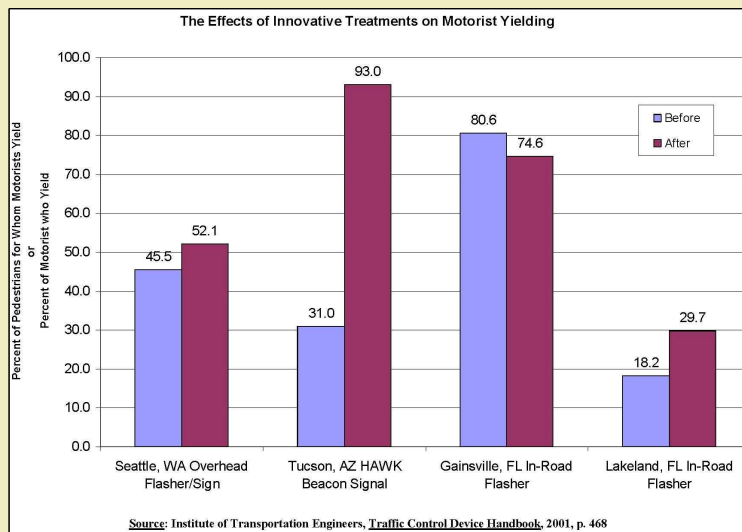


- Incorporation of Bike Lanes on Existing Roadway Networks
- Colored Pavement for Enhanced Way Finding and Safety
- Promoting the Use of Bicycles and Walking at Early Ages and Within the School Systems

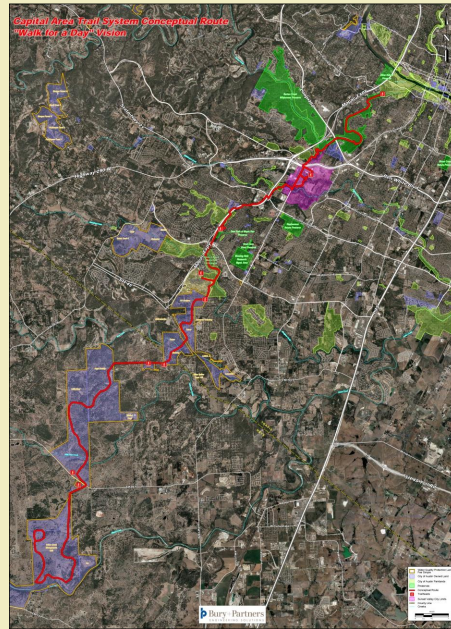
## Pedestrian Safety



## Pedestrian Safety



# *Walk For A Day Trail System Conceptual Plan Austin, Texas*



## *Walk For A Day Trail System*



- Approximately 35 Miles
- Traverses through Urban, Suburban, and Rural Areas
- Collaboration of Public and Private Lands
- Surface Varies Throughout Trail





## Economic Stimulus Project

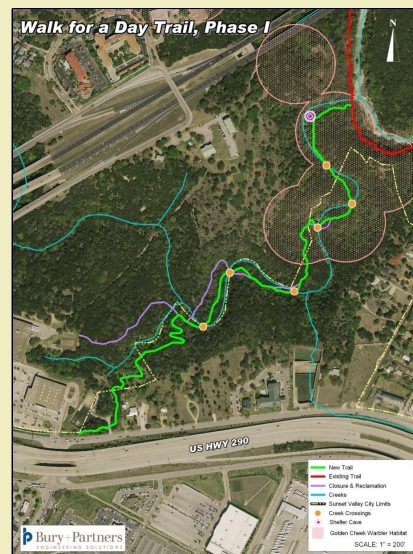


- Awarded \$110,000
- Sidewalk, Pedestrian Signalization, ADA Curb Ramps, Signage and Striping
- CAMPO, TxDOT, COA, COSV, TCEQ



## Phase 1

- Extension of Existing Trail Network
- Challenges of Going through TxDOT Property and R.O.W.
- Connects into Stimulus Project
- Reclamation of Illegal Trails



## Phase 2

- Coordination with TxDOT and City of Austin
- Will Consist of 3 to 4 at-grade Intersection Crossings
- Trail Will be Designed Entirely by AASHTO Bike Facilities Guide



## In Summary

- Various Programs and Funding Available to Promote Alternative Modes of Transportation
- Innovative Design Available to Aid in the Safety and Efficient Integration of Motorist/pedestrian/cyclist Activity
- Trail Systems can Improve Mobility and Be Designed through Various Metropolitan Settings

*“Only those who risk going too far can possibly find out how far one can go.” – T.S. Elliot*



*Questions?*