

Collin County Outer Loop

Eastern Segment: Rockwall County Line to US 380



Public Meeting Presentation



CH2MHILL

September 17, 2009

Public Meeting Agenda

- Welcome and Introductions
- Outer Loop Facts
- Demonstrate Project need
- Inform Public of progress
- Describe alternative alignment selection process
- Present technically preferred alignment
- Discuss next steps and potential schedule
- Invite Public comments

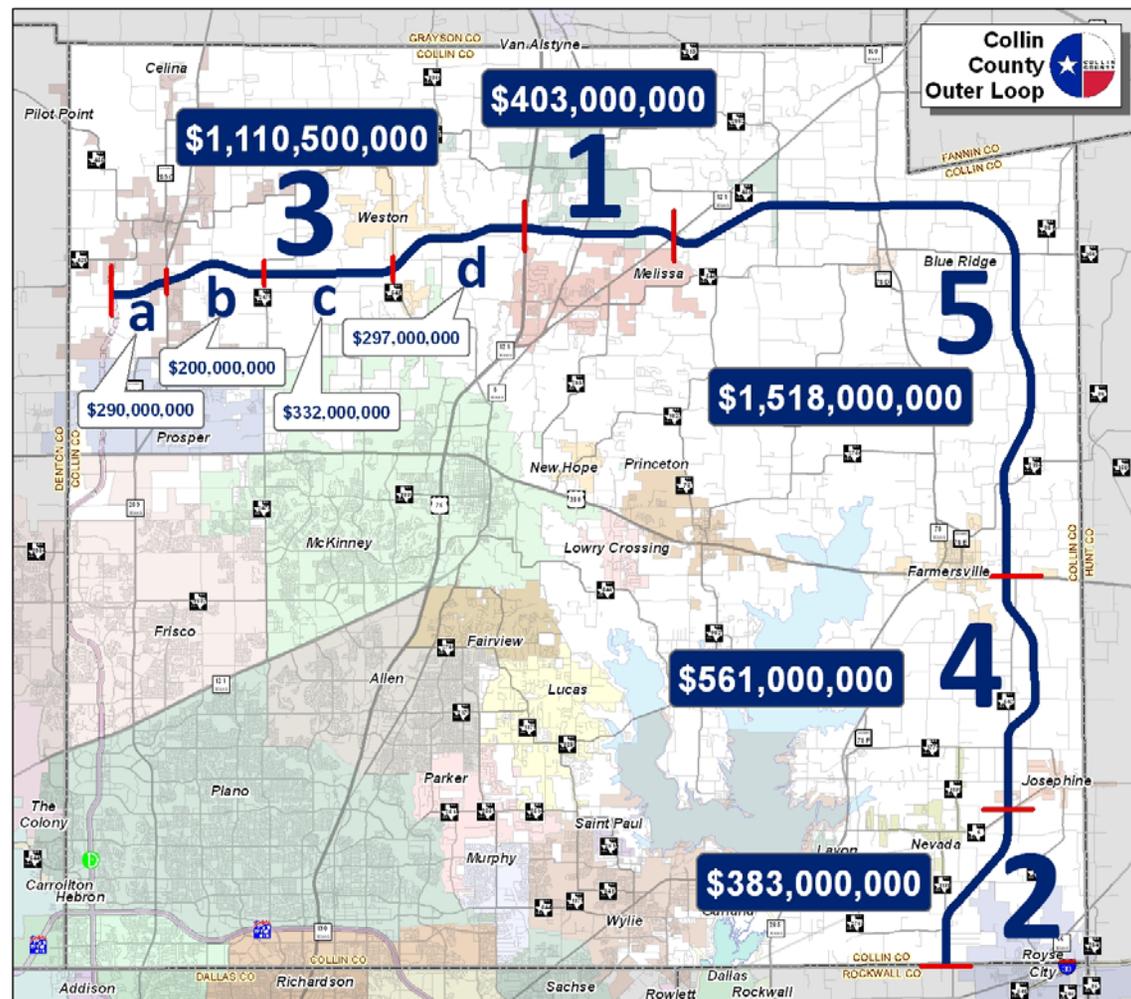


Collin County Outer Loop Facts

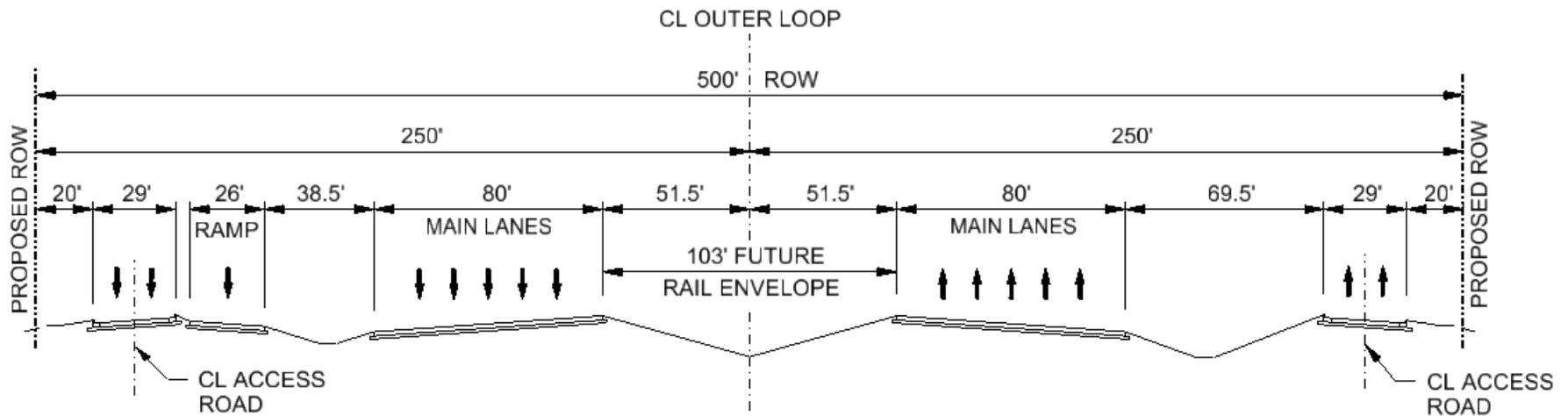
- Collin County Outer Loop (CCOL) is a 55-mile segment of a 240-mile planned loop highway encircling DFW
- Regional planning dates back to the 1960's
- Collin County planning dates back to the 1990's
- Total CCOL cost in today's dollars: \$4 billion
- Highway may include tolled main lanes; non-tolled service roads and a future rail corridor

Overall Project Layout

Collin County
Outer Loop
is Northeast
quadrant of
Regional Outer Loop



Ultimate Potential Transportation Improvements

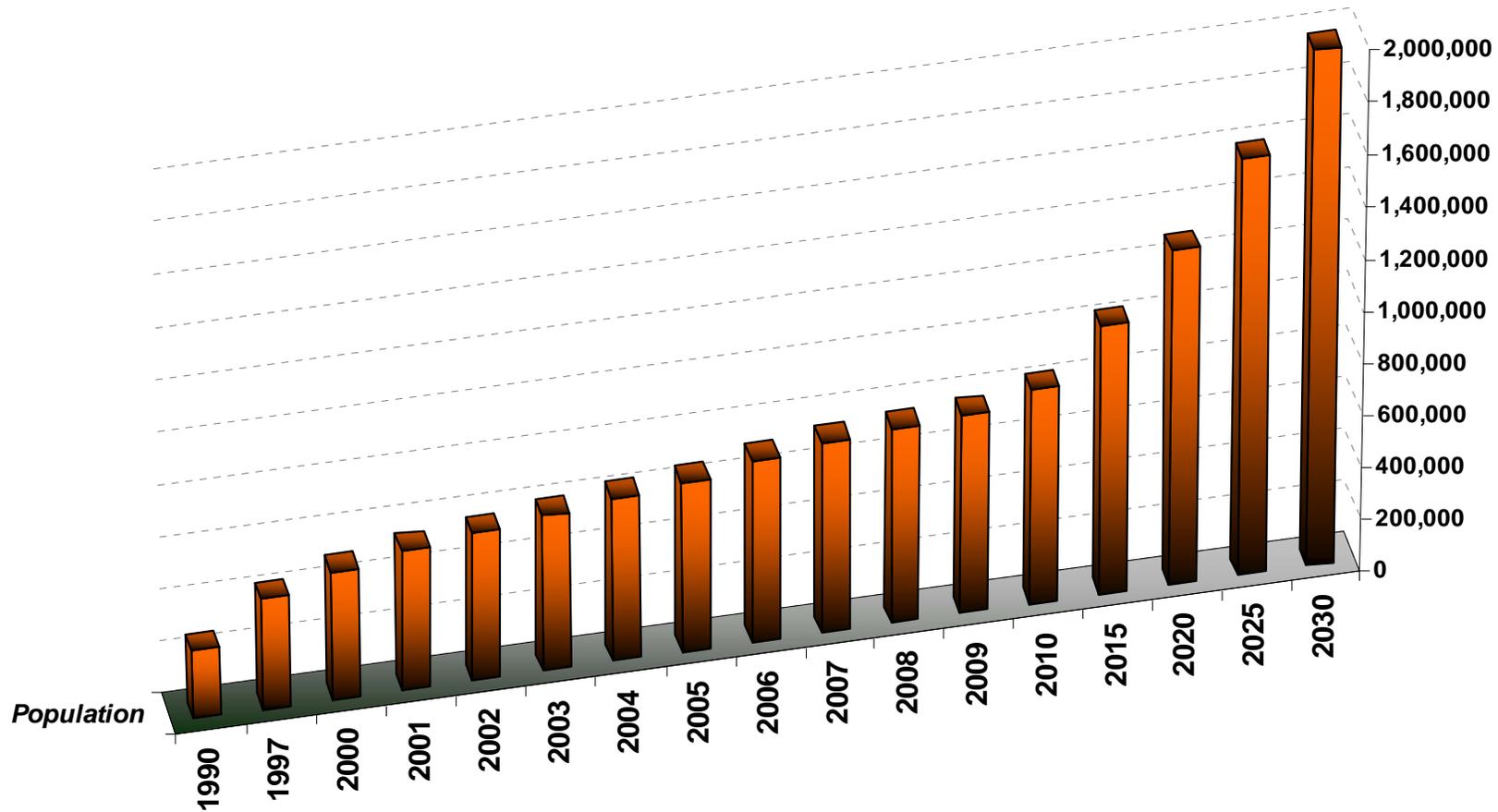


PROPOSED ULTIMATE TYPICAL SECTION

Project Need

- Dramatic population growth over the past 10 years expected to continue
- Proactive planning for future transportation needs
- Invest in infrastructure to accommodate responsible, planned growth
- Plan the project now; build it in phases as traffic grows

County Population to Reach 2 Million by 2030 Exceeding Capacity of Current Roadways



County Growth Requires Planning for the Future

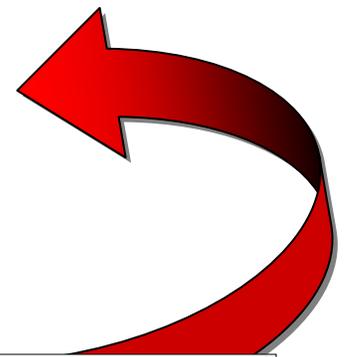
The Attraction ...

- [Forbes Magazine's](#) "America's 25 Best Places to Move"

- **Frisco:** Ranked 7th
- **McKinney:** Ranked 9th
- **Allen:** Ranked 19th
- **Plano:** Ranked 25th

- **McKinney:** The nation's fastest-growing city between 2000 and 2007, with a population that more than doubled to 115,620, according to the [U.S. Census Bureau](#).

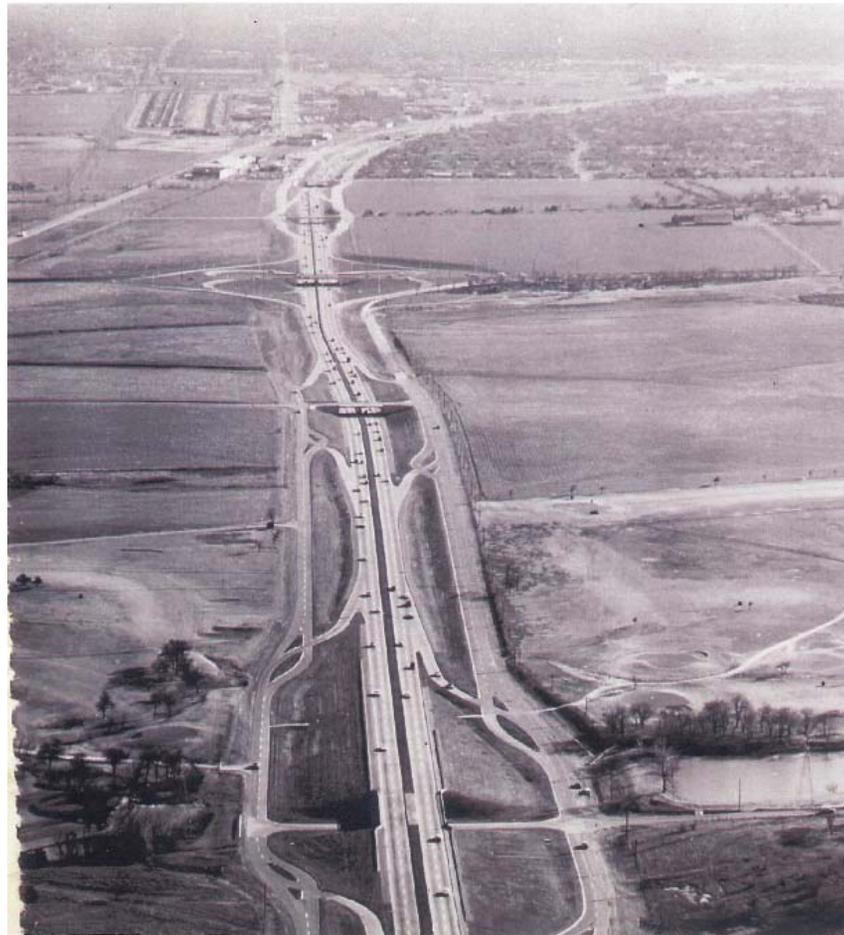
	McKinney
	115,620
Frisco	Allen
100,800	80,400
	Plano
	263,800



• Four of the Top 10 Cities in Growth in this Region from 2000-2009 are in Collin Co.

Central Expressway at Walnut Hill

1959

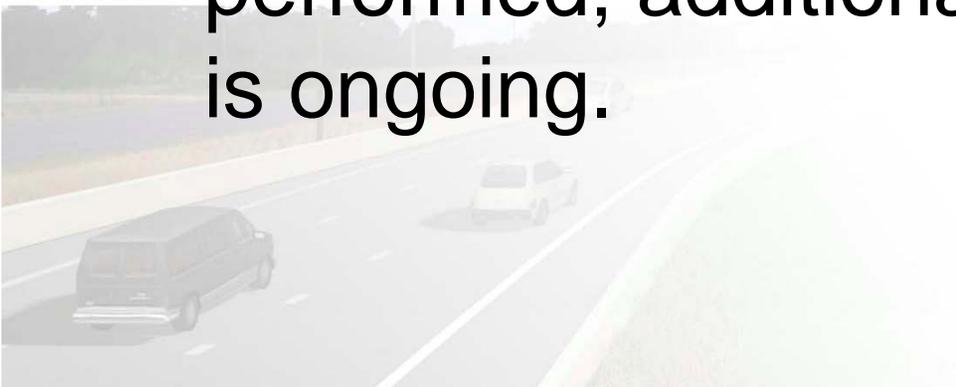


CCOL Overall Progress

- Segment 1
 - Final alignment studies completed
 - Two way, two lane service road under final design
 - ROW acquisition proceeding
 - Construction may begin Spring 2010
- Segments 2 and 4
 - Final alignment studies ongoing
- Segment 3
 - Final alignment studies beginning
- Segment 5
 - Preliminary alignment studies completed

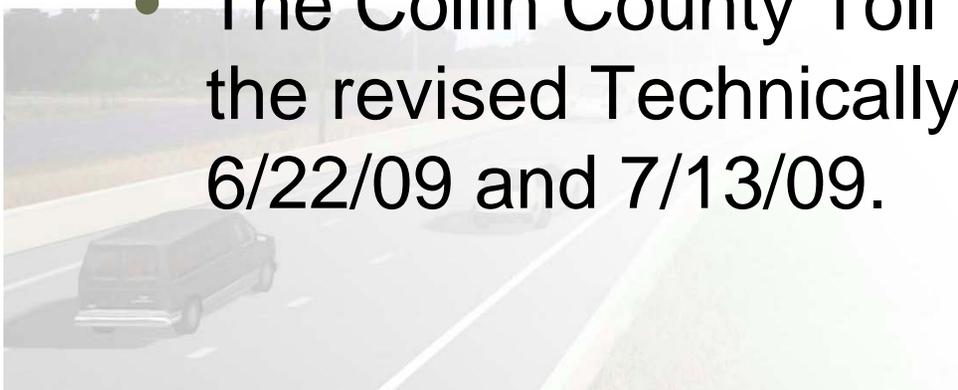
Eastern Segment (Segments 2 & 4) Progress Update

- Commissioners Court authorized final alignment studies on 11/8/08 and 3/9/09
- Right of Entry letters were sent to property owners for survey purposes
- Aerial and ground surveys were performed; additional ground survey work is ongoing.



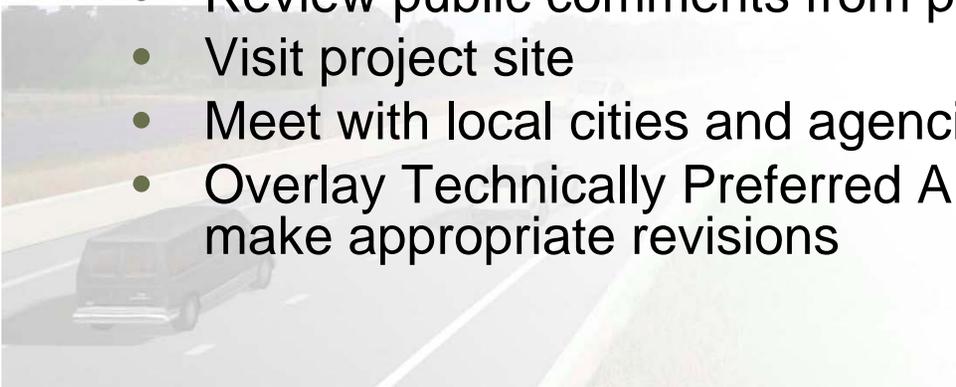
Eastern Segment Progress Update Continued

- Project constraints map was developed detailing environmental, historical, infrastructure and other constraints.
- Prior Technically Preferred Alignment (from 2006) was analyzed and alternative alignments were developed based on project constraints.
- The Collin County Toll Road Authority approved the revised Technically Preferred Alignment on 6/22/09 and 7/13/09.

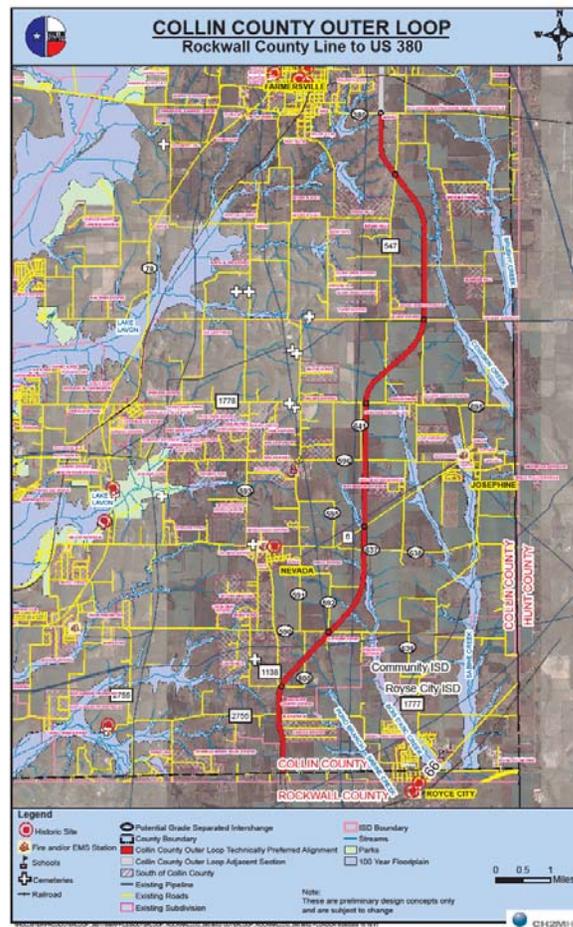


Alternative Alignment Selection Process

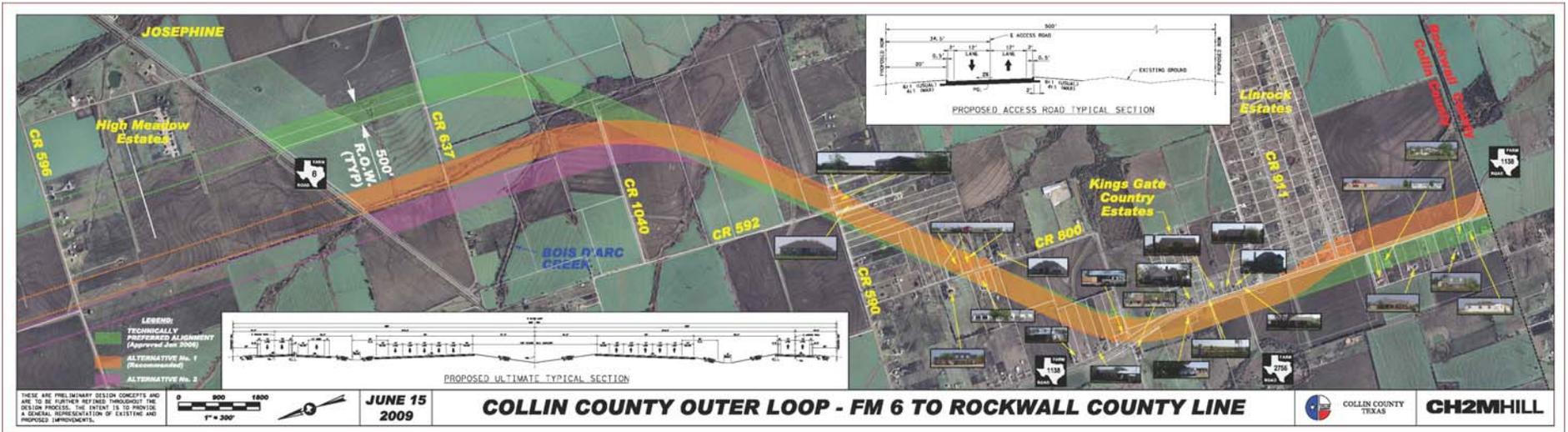
- Develop constraints map of the project area to identify potential adverse impacts of alignment.
 - Gather available data from the County and other sources to include:
 - environmental features, flood plain limits, parks
 - structures, homes, police/fire stations, schools
 - burial grounds
 - neighborhood communities
 - historical landmarks
 - public and private utilities
- Review public comments from prior public meetings
- Visit project site
- Meet with local cities and agencies
- Overlay Technically Preferred Alignment onto the constraints map; make appropriate revisions



Project Constraints Map



Segment 2: FM 6 to Rockwall County Alternative Alignments

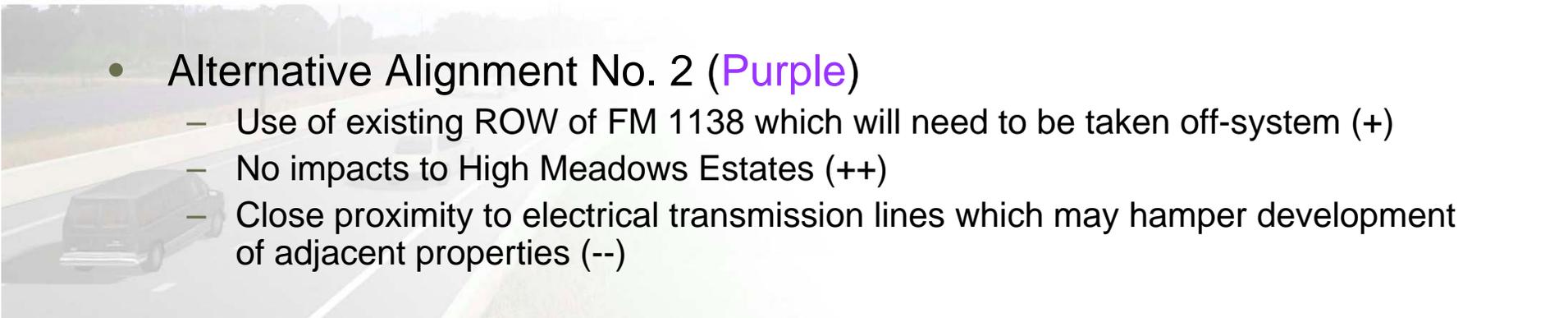


Segment 2 Alternative Alignment Analysis

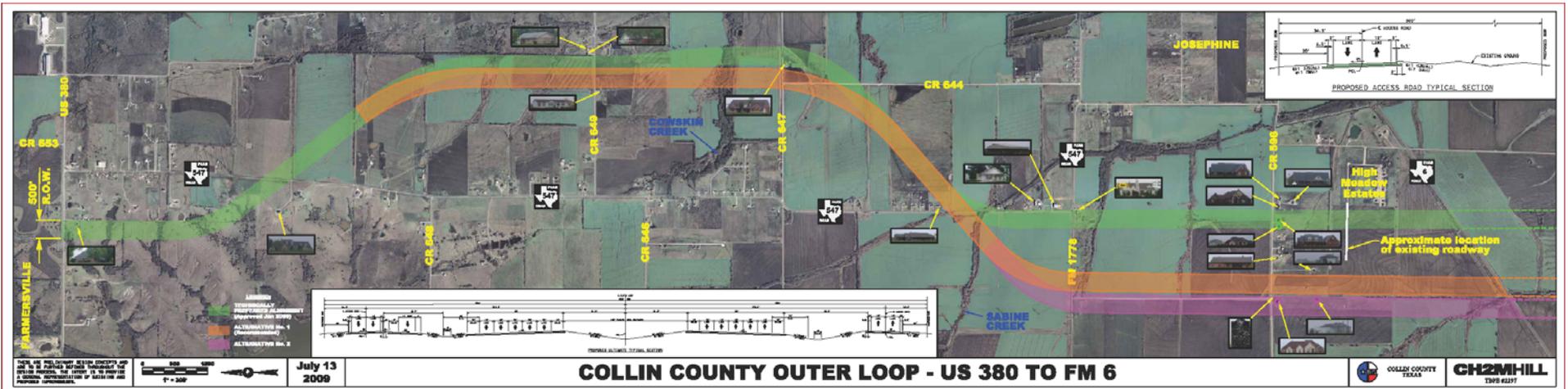
- Existing Technically Preferred Alignment (**Green**)
 - Documented and already presented to public (+)
 - Use of existing ROW of FM 1138 which will need to be taken off-system (+)
 - Impacts to several homes at Rockwall County Line (-)
 - Impacts to High Meadow Estates in Josephine (-)

- Alternative Alignment No. 1 (**Orange**) **CCTRA Approved** 
 - Lessened impacts at Rockwall County Line (+)
 - Use of existing ROW of FM 1138 which will need to be taken off-system (+)
 - Lessened impacts to High Meadows Estates and further north of FM 6 (+)

- Alternative Alignment No. 2 (**Purple**)
 - Use of existing ROW of FM 1138 which will need to be taken off-system (+)
 - No impacts to High Meadows Estates (++)
 - Close proximity to electrical transmission lines which may hamper development of adjacent properties (--)



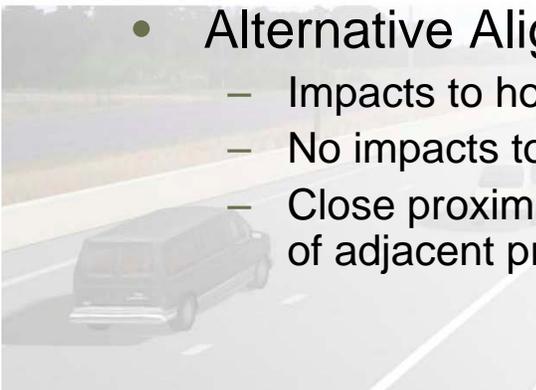
Segment 4: US 380 to FM 6 Alternative Alignments



Segment 4 Alternative Alignment Analysis

- Existing Technically Preferred Alignment (**Green**)
 - Documented and already presented to public (+)
 - Impacts to several homes at CR 596 & CR 647 (-)
 - Impacts to High Meadow Estates in Josephine (-)
- Alternative Alignment No. 1 (**Orange**) **CCRTA Approved** 
 - No impacts to homes at CR 596 & CR 647 (++)
 - Very close to existing technically preferred alignment (+)
 - Lessened impacts to High Meadows Estates and further north of FM 6 (+)

- Alternative Alignment No. 2 (**Purple**)
 - Impacts to homes at CR 596 (-)
 - No impacts to High Meadows Estates (++)
 - Close proximity to electrical transmission lines which may hamper development of adjacent properties (--)



Next Steps

1. Develop schematic design for approved alignment: *completion by December 2009*
2. Upon completion and approval of schematic design, begin final design and ROW acquisition: *completion 3 years after authorization to proceed and funding secured*
3. Upon completion of ROW acquisition and final design, begin construction of service roads: *construction to take 18-24 months*



For More Information....

- Contact:
 - Ruben Delgado
Collin County Director of Engineering
972-548-3727
- Visit County's web site:

<http://www.co.collin.tx.us/engineering/>

Questions/Comments

