



**US 36 CORRIDOR**  
**Environmental Impact Statement**

**Final Environmental Impact Statement  
Public Hearing**

**November 2009**

Project No. NH 0361-070(14133)



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# US 36 Final EIS Process

Project No. NH 0361-070(14133)

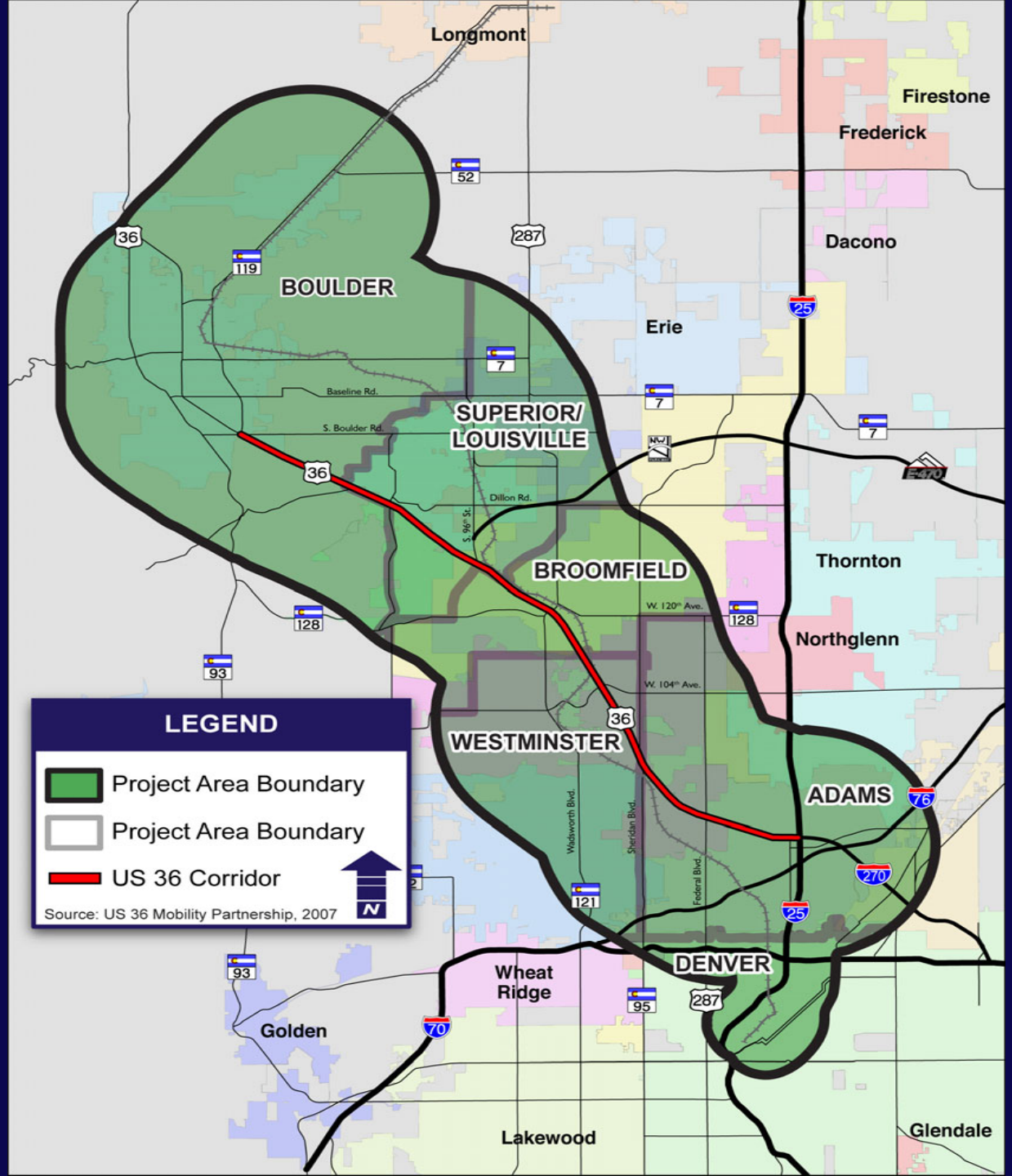
- **Culmination of six-year effort**
- **Partnership between local, state and federal agencies**
- **Extensive involvement with corridor elected officials, staff and public**
- **Public hearing provides opportunity to learn about Final EIS and to gather public input**





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# US 36 Project Area





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# Purpose and Need

Project No. NH 0361-070(14133)

- **Purpose: Improve mobility along US 36 from I-25 in Adams County to Foothills Parkway/Table Mesa Drive in Boulder and among intermediate destinations**



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# Purpose and Need

Project No. NH 0361-070(14133)

- **Needs:**
  - Increase trip capacity
  - Expand access
  - Provide congestion relief
  - Expand mode of travel options
  - Increase efficiency of transit service
  - Update outdated highway facilities





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# Draft EIS

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- **Comment period held from August 3 – September 17, 2007**
  - **Minimize community and environmental impacts**
  - **Property acquisition, noise, access**
  - **Minimize project costs**
  - **Increase mobility improvements**

# Preferred Alternative Committee Process

Project No. NH 0361-070(14133)

- **Twenty-one member group of agencies and jurisdictions**
- **Purpose was to identify a preferred alternative and phasing strategies for the US 36 Final EIS**
- **Addressed public comments and outstanding issues from Draft EIS**







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# Final EIS Alternatives

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- **Final EIS Alternatives**
  - **Package 1**
  - **Package 2**
  - **Package 4**
  - **Combined Alternative Package (Preferred Alternative)**





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# Final EIS Alternatives

Project No. NH 0361-070(14133)

- **Package 1: No Action**
  - FasTracks improvements
  - 120<sup>th</sup> Avenue Connection
  - 80<sup>th</sup> Avenue Bridge
  - Queue jumps at McCaslin, Interlocken and Church Ranch



# Final EIS Alternatives

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## Package 2

- **Two barrier-separated managed lanes**
- **Median Bus Rapid Transit (BRT) stations**
- **Cost = \$1.8 billion**

## Package 4

- **One general-purpose lane**
- **One buffer-separated BRT/HOV lane**
- **Median BRT stations**
- **Cost = \$1.6 billion**



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# Final EIS Alternatives

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- **Preferred Alternative**
  - Add one buffer-separated managed lane in each direction
  - Auxiliary lanes between most interchanges
  - Ramp and side loading BRT stations
  - Improvements to all interchanges
  - Transportation Demand Management
  - Bikeway from Westminster to Boulder
  - Cost = \$1.3 billion

# Preferred Alternative Transit Elements

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- **Ramp Stations with HOV Bypass Lanes**
- **BRT Service; Express and Local**
- **Corridor BRT Stations**
  - **Westminster Center**
  - **Church Ranch/104th Avenue**
  - **116th Avenue**
  - **Flatiron**
  - **McCaslin**
  - **Table Mesa**





# Preferred Alternative Highway Elements

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- Managed lane access points between each interchange
- Auxiliary lanes between most interchanges
- Interchange improvements at nine locations
- Replace aging infrastructure



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# Resolution of Broadway Access

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- **Comments at April 2009 public meetings**
- **Follow-up discussion with Adams County and Save Your Neighborhood Access (SYNA)**
- **Process and Final EIS language approved by Adams County and SYNA**
  - **No changes to access in Phase 1**
  - **Separate study to evaluate local access will be done before any action occurs regarding this interchange**

# Preferred Alternative Bikeway Elements

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- Continuous commuter bikeway from Boulder to Westminister
- Grade separations at major crossings
- Facilitates local connections





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# Preferred Alternative Benefits

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- **Multi-modal travel options**
- **Improve travel times**
- **Offer expanded transit services (BRT)**
- **Provide added person-trip capacity**
- **Reduce the number of highly congested general-purpose lane segments**
- **Make improvements to US 36 interchanges**
- **Have lower number of congested intersections at the grade-separated interchanges**



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# Preferred Alternative Impact Comparison

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- **Right-of-way impacts reduced 70%**
- **Similar noise impacts and mitigation strategies**
- **Fewer parks and open spaces impacted**
- **Wetland and wildlife impacts reduced**
- **Local street improvements at specific locations**
- **Other resources have similar impacts**



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# Environmental Impacts Right-of-Way

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- **Right-of-Way (ROW) Impacts (full and partial)**
  - ROW impacts to business properties:
    - P2: 138 relocations
    - P4: 135 relocations
    - PA: 24 relocations
  - ROW impacts to residential areas:
    - P2: 201 residences
    - P4: 202 residences
    - PA: 65 residences





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# Environmental Impacts Right-of-Way

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- **ROW Acquisition Process used by CDOT and RTD**
  - Follows Uniform Relocation Act
  - Provides for fair market appraisal and purchase price negotiation
  - Assistance with relocation provided
  - Assistance to renters as well as owner-occupied
- **ROW Agent is here to answer questions**



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# Environmental Impacts Noise

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- **Impacts**

- No Action impacts 114 residences
- Preferred Alternative impacts 135 residences
- No commercial uses impacted

- **Mitigation**

- Replace existing sound mitigation where disturbed
- Provide new sound mitigation where reasonable and feasible
  - Madison Hills Homes
  - Tuscany Trail
  - Wadsworth Boulevard
  - Rock Creek Apartments
  - Apache Court/Pima Court
  - Moorhead Avenue to Bear Canyon Creek



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# Preferred Alternative Phasing

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- **Preferred Alternative cost is \$1.3 billion**
- **Regional plan has \$711 million for US 36 through 2035**
- **Due to funding limitations project will be phased**
- **Phase 1 implementation will be focus of federal agency decision**
- **Other phases to be implemented later**



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# Preferred Alternative Phase 1

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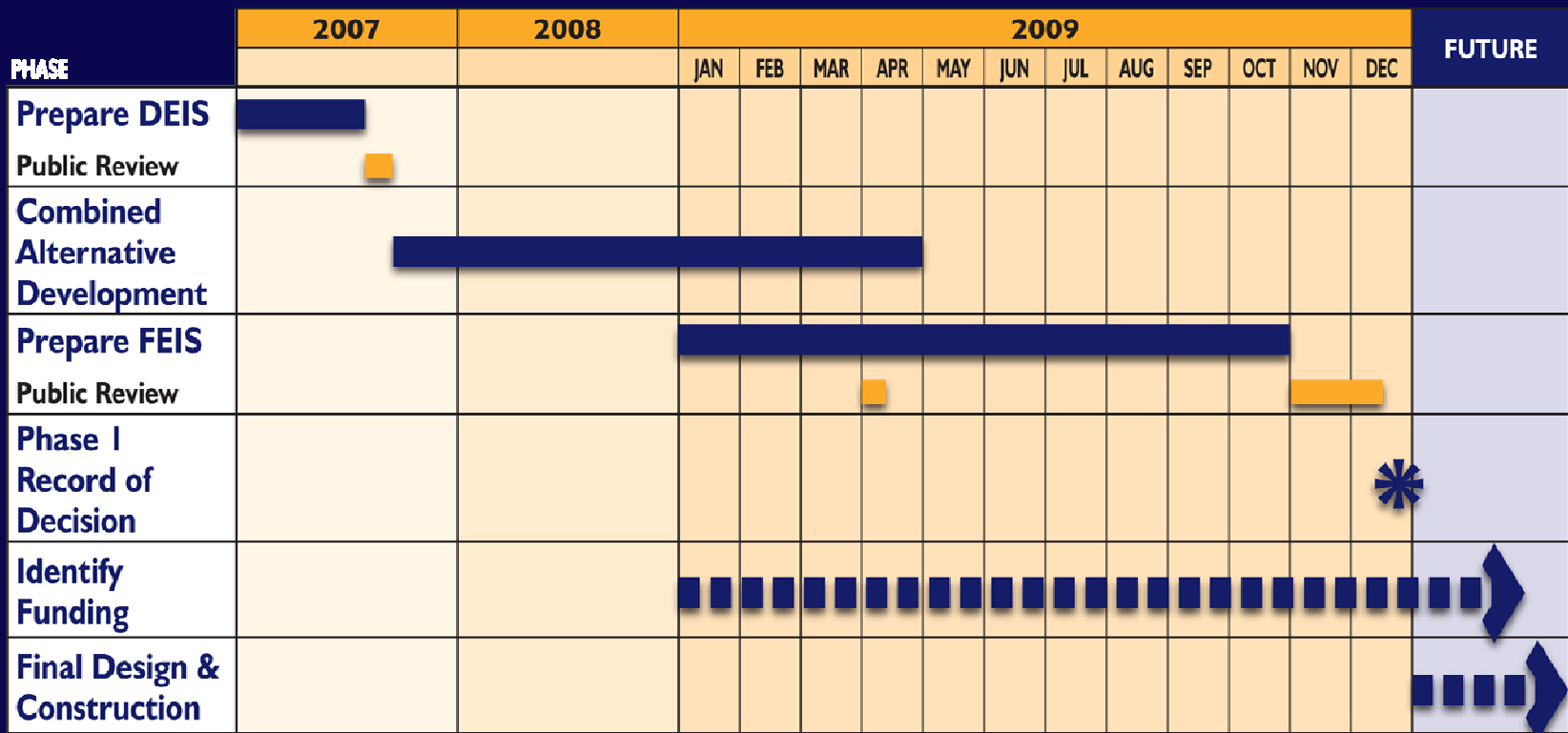
- **Build managed lane from Federal Blvd. to Boulder**
- **Enhance BRT stations and service**
- **Reconstruct Sheridan and Wadsworth Parkway interchanges**
- **Replace Lowell and 112<sup>th</sup> Avenue bridges**
- **Rehabilitate and widen pavement**
- **Construct bikeway between Boulder and Westminster**





# Project Schedule

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# Project Schedule

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- **Comment Period ends December 14<sup>th</sup>**
- **Public hearings:**
  - November 16 – City and County of Broomfield
  - November 18 – Boulder County
  - November 19 – Adams County
- **For more information and to submit comments after tonight, go to [www.US36EIS.com](http://www.US36EIS.com) or by mail**



# How to Stay Informed

Project No. NH 0361-070(14133)

- **CDOT and RTD will work with stakeholders and local governments during design and construction**
- **For more information or questions contact [info@dot.state.co.us](mailto:info@dot.state.co.us)  
(303) 757-9228**





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# FEIS Comments Request

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- **What are your comments about the Preferred Alternative?**
- **What are your comments about the elements of Phase 1?**
- **What are your comments about the proposed mitigation measures of the Preferred Alternative?**
- **What are your comments about the Final Section 4(f) Evaluation?**



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