US 60 Mountainair Alignment Study, Milepost 203.6 to 205
Control No. 5101350
Mountainair, New Mexico

Public Involvement Meeting
November 20, 2019
Agenda

- Introductions
- Corridor Location
- Study Process
- Estimated Project Timing
- Existing Conditions
- Traffic Volumes
- Purpose and Need
- Proposed Typical Sections
- Public Involvement & Next Steps
- NEPA Process
- Questions & Discussion
Introductions

- Community Officials
- Project Study Team
Location Study Procedures

Phase A
Initial Evaluation of Alternatives
- Identify Existing Conditions
- Public Involvement Plan
- Establish Purpose and Need
- Identify Alternatives
- Initial Screening of Alternatives

Phase B
Detailed Evaluation of Alternatives
- Detailed Evaluation of Alternatives
- Engineering Refinements of Alternatives
- Alternatives Analysis Report
- Select Preferred Alternative

Phase C
Environmental Documentation
- Resource Investigations and Analysis
- Resource Reports
- Agency Consultation
- Prepare Environmental Document

Long Range Planning, and Programming

Public Involvement

We are here

Final Design
Study Process

• Phase A/B Study Process
  • Refine the funding and implementation plan
  • Create a prioritized list of projects and target budgets
Existing Conditions

Transportation System

- **Typical Section**
  - 2-12’ Driving Lanes
  - Variable Shoulders
- **Structures**
  - Culverts (size and condition)
- **Driveways and Intersections**
  - Adverse Angles
- **Existing Pavement Condition** (showing distress)
Existing Conditions

Americans with Disabilities Act

- Pedestrian facilities between Sunset Ave and Ross Ave do not meet requirements to be ADA compliant
  - Too steep (cross slope greater than 2%)
  - Lack of curb ramps
  - Obstructions & general condition (cracks and spalling)
Existing Conditions

Drainage

• **Capacity Issues:**
  - Development has modified drainage characteristics.
  - End sections are falling apart or missing.

• **Sedimentation Issues**
  - Most culverts are full of sediment
  - Drainage ditches have been filed over time

• **Substandard End Treatments**
  - Existing culverts have deficient safety improvements.
Traffic Operations

❖ Existing (2019)
  • Corridor Level of Service (LOS) is A.
  • Intersection Approaches LOS A or B.

❖ Design Year (2040)
  • Corridor Level of Service will be LOS A.
  • Intersection Approaches LOS A or B.

❖ Crash Findings
  • 8 Reported Crashes 2015-2017

Level of service (LOS) is a qualitative measure used to relate the quality of motor vehicle traffic service.
Purpose and Need

- The purpose of the US 60 Alignment Study is to evaluate highway deficiencies, drainage issues, parking conflicts, multimodal safety and accessibility in order to determine the need for improvements and upgrades.

- The Need is based on:
  - Deteriorating pavement
  - Lack of bicycle and pedestrian facilities including ADA requirements
  - Drainage issues
  - Skewed intersections
  - Poor access management.
Purpose and Need

• Evaluation Criteria
  • Safety and Geometric Alignments
  • Drainage
  • Aesthetics
  • Public & Business Support
  • Environmental Considerations
  • Cultural Resources
  • Multi-modal opportunities
  • Constructability
  • Costs
  • Right-of-way
Conceptual Typical Sections

Urban Concept with Parallel Parking

Urban Concept with Angled Parking
Conceptual Typical Sections

Rural Concept with Curb & Gutter and Sidewalks

Rural Concept with Tapered Shoulders
Back-in Angled Parking
Back-in Angled Parking
Conceptual Roundabout
NEPA Process

National Environmental Policy Act (NEPA)

- Water Quality & Wetlands
- Historic & Archeologic Resources
- Threatened & Endangered Species
- Traffic Noise
- Visual Impacts
- Right-of-Way & Relocations
- Visual Impacts
- Environmental Justice
- Air Quality
- Community and Land Use

Opportunities & Issues

- Pedestrian and Bicycle Facilities
- Economic Development
- Access and Parking-Impacts on Business
- Hazardous Materials
- Historic Resources (Buildings/Sidewalks)
Public Involvement & Next Steps

- Public Meetings
  - Kick off meeting (Current meeting)
  - After Phase A/B analysis (TBD Est. End Jan.20)
- Stakeholder Communication
  - (Comment sheet and Contact Information)
Thank you!

QUESTIONS????
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Comments are requested by December 5, 2018

NMDOT Web Page
http://dot.state.nm.us/content/nmdot/en/ProjectsD5.html