Idalia Road Culvert Crossing
PW2143 (CN: A300202)

Public Meeting
May 25, 2022
Meeting Instructions

• This meeting will be recorded and available by request.
• Presentation slides will be available on the project website (www.rrnm.gov/idaliaculvert).
• Microphones are muted and chat is disabled.
• We will take comments and questions at the end of the meeting.
• Please types your question into the Q&A box at any time, and we will answer them after the presentation.
• If you are calling in on your phone, you will have the opportunity to ask verbal questions after the presentation, by raising your hand (use*9).
Meeting Agenda

• Introduce project team
• Describe project area, existing conditions, and project scope
• Report on environmental review and resource assessments
• Review schedule
• Opportunity for questions and comments from the public
Project Team

City of Rio Rancho
  • Craig Hardy – Project Engineer
  • BJ Gottlieb – City Engineer/Public Works Director
  • Annemarie Garcia – Public Affairs Division Manager
  • Jamie Marrufo – Deputy Director of Public Works

Weston Solutions
  • David “Sonny” Cooper – Project Manager
  • Angie Bacigalupa – Project Engineer
  • Andrew Brenner – Engineering Associate

SWCA Environmental Consultants
  • Coleman Burnett – Environmental Compliance Lead
  • Randa Horton – Public Involvement Specialist
  • Jen Wynn – Virtual Meeting Facilitator
Project Team (cont’d)

Government Entities

• Federal Highways Administration (FHWA)
• New Mexico Department of Transportation (NMDOT)
• Southern Sandoval County Arroyo Flood Control Authority (SSCAFCA)
Project Area

- Idalia Road at the Arroyo de la Barranca in Rio Rancho, NM
Project Scope

• Remove the existing crossing and replace with a new crossing
  • To provide room for stormwater to pass
  • Address erosion issues

• Proposed design
  • 5-barrel, 8-foot height x 12-foot width
  • Scooped inlet
  • Concrete drop structure outlet with energy dissipator

• Construction will include
  • Rebuilding Idalia Road
  • Relocating utilities
  • Obtaining ROW on both sides of the arroyo crossing
Purpose and Need

• The purpose of the project is to:
  • Design and construct a replacement crossing beneath Idalia Road to improve safety.

• The project is needed because:
  • The existing crossing is compromised due to erosion damage.
  • The existing crossing is experiencing substantial erosion.
  • The existing crossing does not have sufficient room for stormwater.
Existing Conditions

• 4-barrel, 5.5 feet X 8 feet corrugated metal pipes
• 7.5 feet of erosion at outlet
• Currently undersized for 100-year storm event
  • Would flood Idalia Road with 2.5 feet of water
  • Most restricted facility on the arroyo
Environmental Review

What will be assessed?

- Land ownership
- Important archeological and historic sites or properties of known cultural importance
- Biological resources, such as wildlife, protected species
- Water resources, such as wetlands, floodplains, drainages
- Consistency with community plans, and land use and development patterns
- Minority, low income or other under-represented populations

- Access to schools, parks, churches and other community facilities
- Air quality
- Visual resources
- Properties contaminated by hazardous materials
- Noise
- Multi-modal transportation
- Important farmlands
Resource Assessments

• Natural resource survey (completed on October 14, 2021):
  • Arroyo de la Barranca is considered *Waters of the U.S.*, requiring Clean Water Act permits.
  • One State of New Mexico-listed noxious weed (Salt cedar) was identified.
  • Two bird species, four inactive passerine nest cavities, and three mammals were observed during the field survey.
  • The project area likely provides migratory habitat for the Monarch butterfly, but isn’t suitable breeding habitat because of the lack of milkweed in the area.

• Cultural resource survey (October 14, 2021):
  • No historic properties were identified in the survey area.
  • The proposed project will have no effect on any cultural resources listed or eligible for listing in the New Mexico State Register of Cultural Properties or the National Register of Historic Places.
Schedule

• 60% Design – June 2022
• 90% Design – July 2022
• Final Design – August 2022
• Property Acquisitions – Fall 2022 through Spring 2023
• Construction Bidding – Summer 2023
• Start of Construction – Summer/Fall 2023
Construction Phasing

1. Close Idalia Road at project site and setup detour
2. Setup construction staging area
3. Remove existing crossing and 200 feet of Idalia Road
4. Construct new crossing and erosion protection
5. Build Idalia Road to pre-construction grades
6. Install guardrails and barriers
7. Pave road, paint striping, and replace signage
8. Reseed and project closeout
Anticipated Detour

• Maintain local access through traffic detour to the south
Questions or Comments?

HOW TO PARTICIPATE
To ask a VERBAL question:
1. Raise hand (online) or *9 (phone)
2. Moderator will call your name
3. Unmute your microphone by clicking the unmute button (online) or *6 (phone).

To ask a WRITTEN question:
1. Click the Q&A box
2. A box will pop up
3. Type out your question
4. Hit send

Visit Our Website
www.rrnm.gov/idaliaculvert

Call Us
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Public comments are requested by June 24.