



Bohannan Huston

# Los Alamos County NM4 Crossing & Multi-Use Trail Improvement Project & Pinon School Trail

January 27, 2026  
Council Presentation

# INTRODUCTIONS



LOS ALAMOS

**Keith Wilson, PTP, RSP1**

Deputy Public Works Director  
*Public Works Department*



LOS ALAMOS

**John Stricklan P.E.**

Engineer Project Manager  
*Public Works Department*

**Bohannan Huston**  
Design Engineers



Los Alamos County  
**NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements**

Bohannan Huston





LOS ALAMOS

Bohannan Huston

# AGENDA

- Project History
- Project Overview
- Public Outreach
- HAWK Signal Location & Re-evaluation
- NM4 Lane Reduction & Re-evaluation
- Project Design Elements
- Recommendations/Requested Action
- Next Steps
- Questions/Feedback



# PROJECT HISTORY

- Mirador Subdivision Approved April 2018
- Mirador Mixed Use Development Approved December 2020
- White Rock Town Center Master Plan Adopted October 2021
- Project Scoping (Bridge and Tunnel Options evaluated but deemed not feasible)
- Resolution 21-21 for Grant Application for NM4 Crossing Project Approved by Council September 2021
- Funding Award (\$2,750,000 Design & Construction)
- Design Started August 2024
- Pinon School Trail added February 2025
- Resolution 25-05 for Grant Application for Pinon School Trail Approved by Council March 2025
- Pinon School Trail Easement secured from LAPS May 2025
- Funding Award (\$700,000 Construction)



# PROJECT OVERVIEW

- Carbon Reduction Program and Transportation Alternative Program funds from NMDOT (\$2,750,000 and \$700,000)
- Reconstruction of Multi-use trail along Eastbound NM4 with enhanced mid-block crossing (Pedestrian Hybrid Beacon/HAWK Signal)
- Lane reduction on Westbound NM4 to accommodate new multi-use trail and enhance pedestrian safety
- Reconstruction of existing trails through Pinon Park, including connections to Sherwood Blvd and Sierra Vista Dr
- Construction of new trail along west side of Pinon Park
- Coordination with CSD's Rocket Park Renovation Project
- Drainage Improvements
- Reconstruction of trail from Pinon Park to Grand Canyon Dr. on west side of Pinon Elementary School.





## PIÑON PARK

### Existing Conditions



Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements

Bohannan Huston



# PUBLIC OUTREACH

- Dec 2024 – Initial Project Presentation to Transportation Board
- Jan 2025 – Project Presentation to Parks and Recreation Board
- Feb 2025 – Project Update Presentation to Transportation Board
- Mar 2025 – Project Display at County Open House
- Jun 2025 – Presentation to Arts in Public Places Advisory Board
- Jul 2025 – Meeting with some Sierra Vista Neighborhood Residents
- Nov 2025 – Project Update Presentation to Transportation Board

## ATTENTION

### PUBLIC INPUT MEETING #2 NM4 CROSSING AND MULTI-USE TRAIL IMPROVEMENT PROJECT

When: Thursday, February 6, 2025, at 5:30 p.m.

Where: Municipal Building, 1000 Central Ave, or via Zoom

This project includes the design and construction of both new and reconstructed multi-use trails along NM4 between Sherwood Blvd. and La Vista Dr. and within Pinon Park and a crossing of NM4. The planned improvements will enhance connectivity and safety for pedestrians and cyclists. At this meeting updates will be provided on the design decisions related to the HAWK Signal Crossing, NM4 Lane Reduction and Trail Alignment along the northside of NM4.

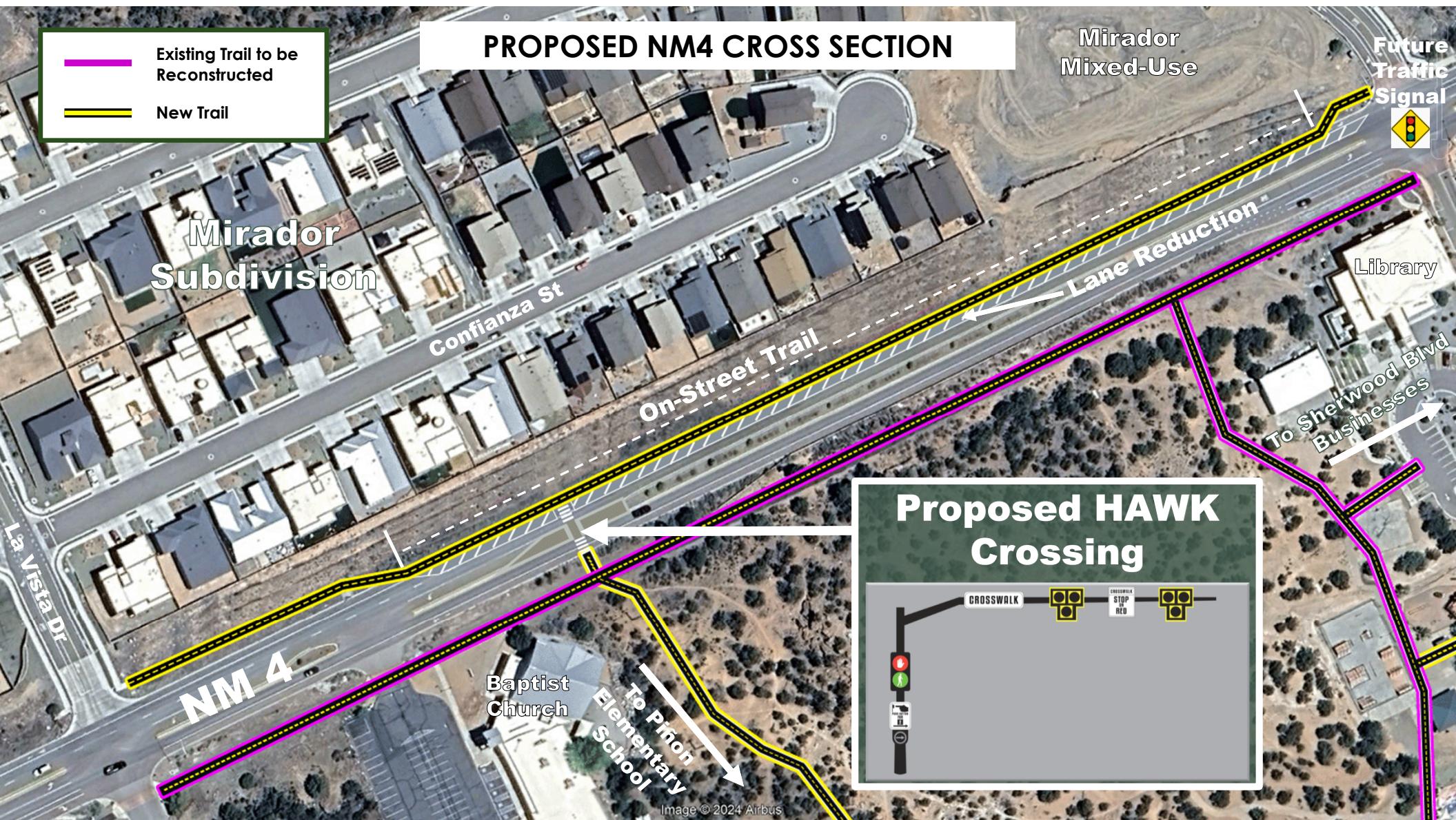


For more information on the project  
Scan the QR Code with Phone or go to  
[www.lacnm.us](http://www.lacnm.us) and Search for "NM4"  
or Call 505-662-8150

LOS ALAMOS  
where discoveries are made

Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements

Bohannan Huston

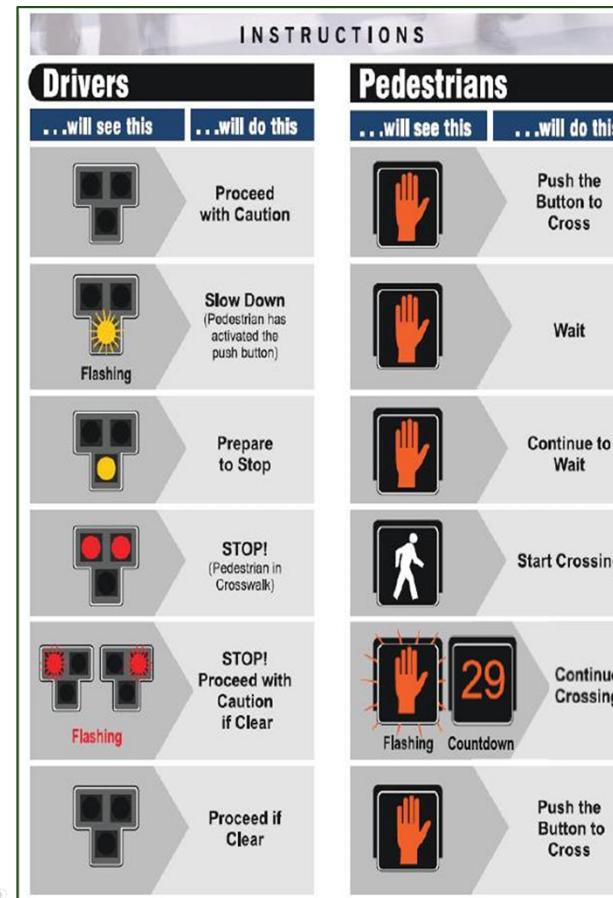


# PEDESTRIAN HYBRID BEACON/HAWK SIGNAL OVERVIEW

## HAWK SIGNALS



Source: *The Land*



Source: City of Albuquerque, NM



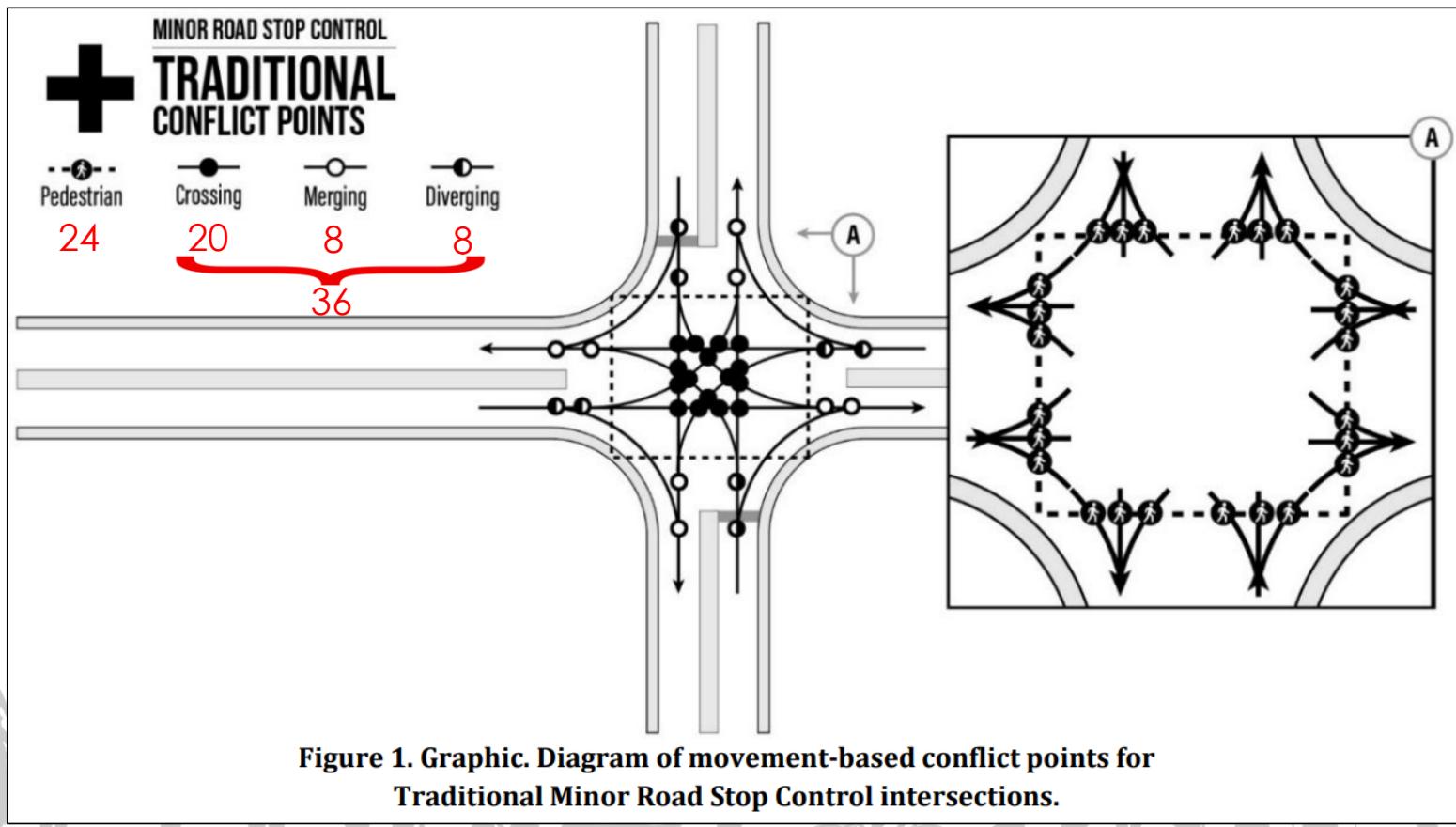
Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements

Bohannan Huston

## PEDESTRIAN HYBRID BEACON (HAWK) CROSSING LOCATION RE-EVALUATION



## PEDESTRIAN HYBRID BEACON (HAWK) CROSSING LOCATION RE-EVALUATION NM4/La Vista Dr Intersection



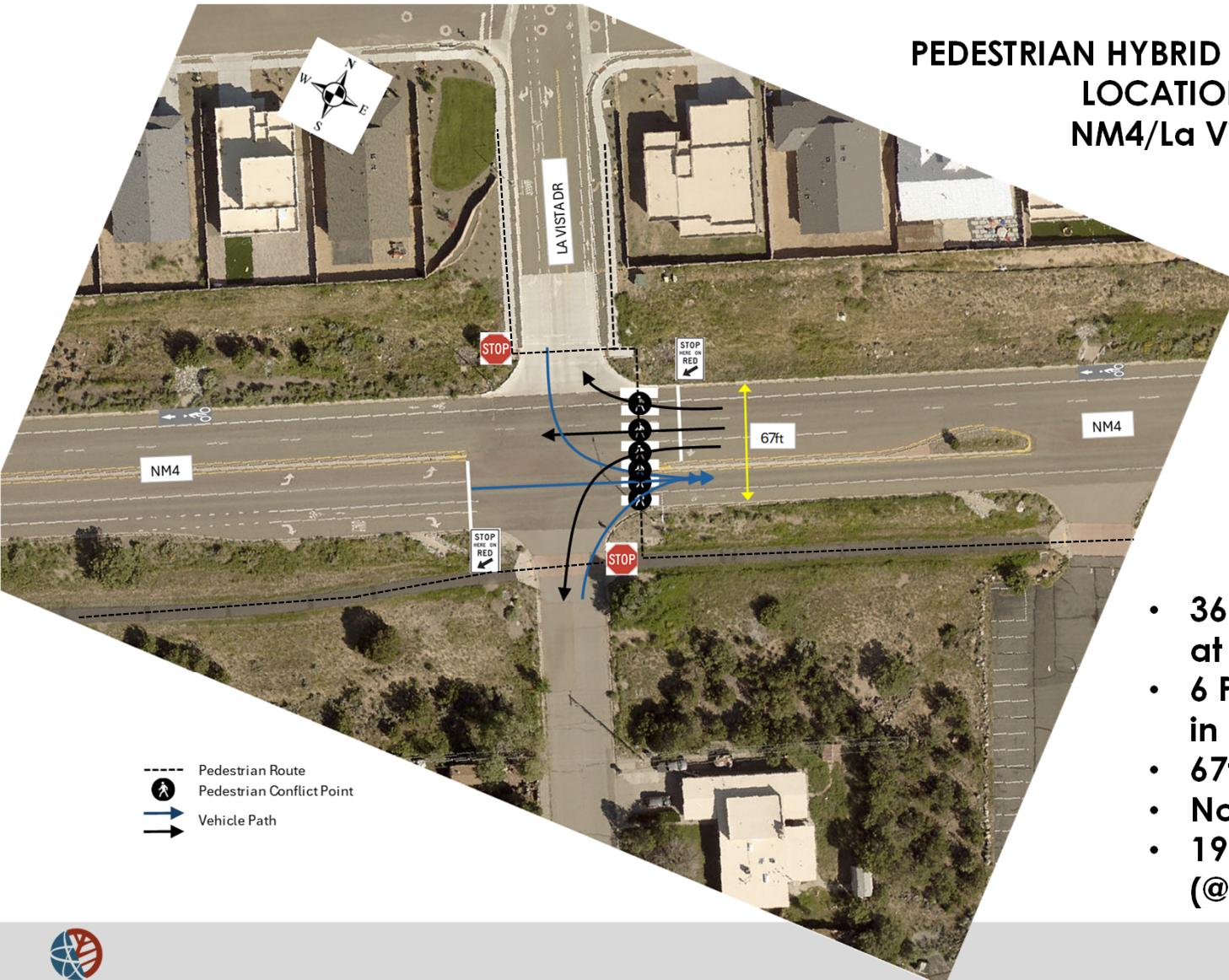
Source: FHWA Publication No.: FHWA-SA-21-013 A Safe System-Based Framework and Analytical Methodology for Assessing Intersections



**Los Alamos County**  
**NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements**

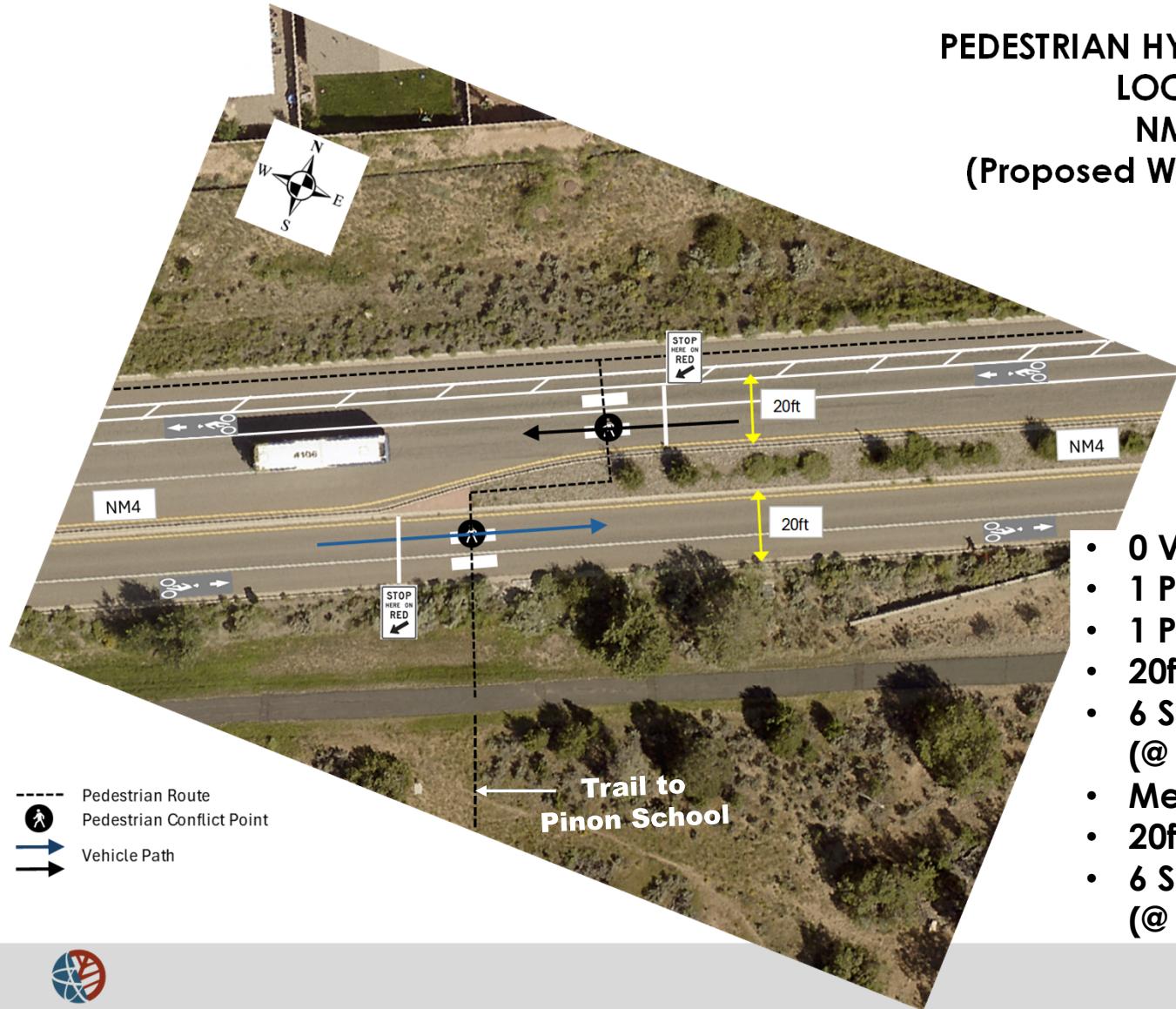
**Bohannan Huston**

## PEDESTRIAN HYBRID BEACON (HAWK) CROSSING LOCATION RE-EVALUATION NM4/La Vista Dr Intersection



- 36 Vehicle/Vehicle Conflict Points at Intersection
- 6 Pedestrian/Vehicle Conflict Points in HAWK Crossing
- 67ft Crossing Distance
- No Median Refuge
- 19 Second Pedestrian Exposure (@ 3.5ft per sec)

## PEDESTRIAN HYBRID BEACON (HAWK) CROSSING LOCATION RE-EVALUATION NM4 Mid-Block Location (Proposed WB Lane Reduction Cross Section)



- 0 Vehicle/Vehicle Conflict points
- 1 Pedestrian/Vehicle Conflict Points [WB]
- 1 Pedestrian/Vehicle Conflict Points [EB]
- 20ft Crossing Distance [WB]
- 6 Second Pedestrian Exposure (@ 3.5ft per sec [WB])
- Median Refuge
- 20ft Crossing Distance [EB]
- 6 Second Pedestrian Exposure (@ 3.5ft per sec [EB])

# PEDESTRIAN HYBRID BEACON (HAWK) CROSSING LOCATION RE-EVALUATION SUMMARY



## NM4/La Vista Intersection

### Pros

- Convenient Route for All Destinations

### Cons

- Increased Pedestrian Exposure
- Complex Decision Making for all Users
- More Conflicts/Less Safe
- Longer Delays

## Mid-Block Crossing

### Pros

- Minimal Pedestrian Exposure
- Simplified Decision Making for all Users
- Less Conflicts/Safer
- Shorter Delays
- Convenient Route for Major Destinations

### Cons

- Less Convenient Route for Some Destinations

**RECOMMEND Mid-Block Crossing**

Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements

Bohannan Huston



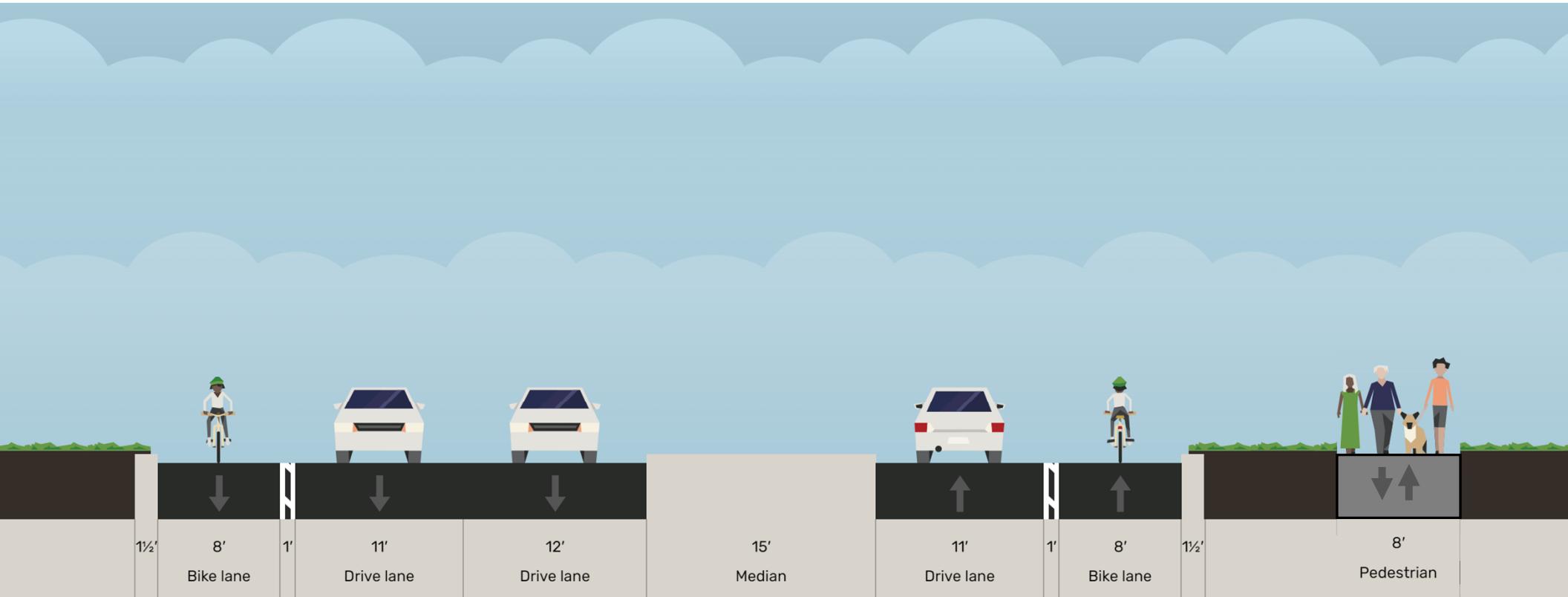
## NM4 WESTBOUND LANE REDUCTION RE-EVALUATION



# NM4 WESTBOUND LANE REDUCTION RE-EVALUATION

## Existing Cross-Section

Sherwood Blvd to La Vista Dr



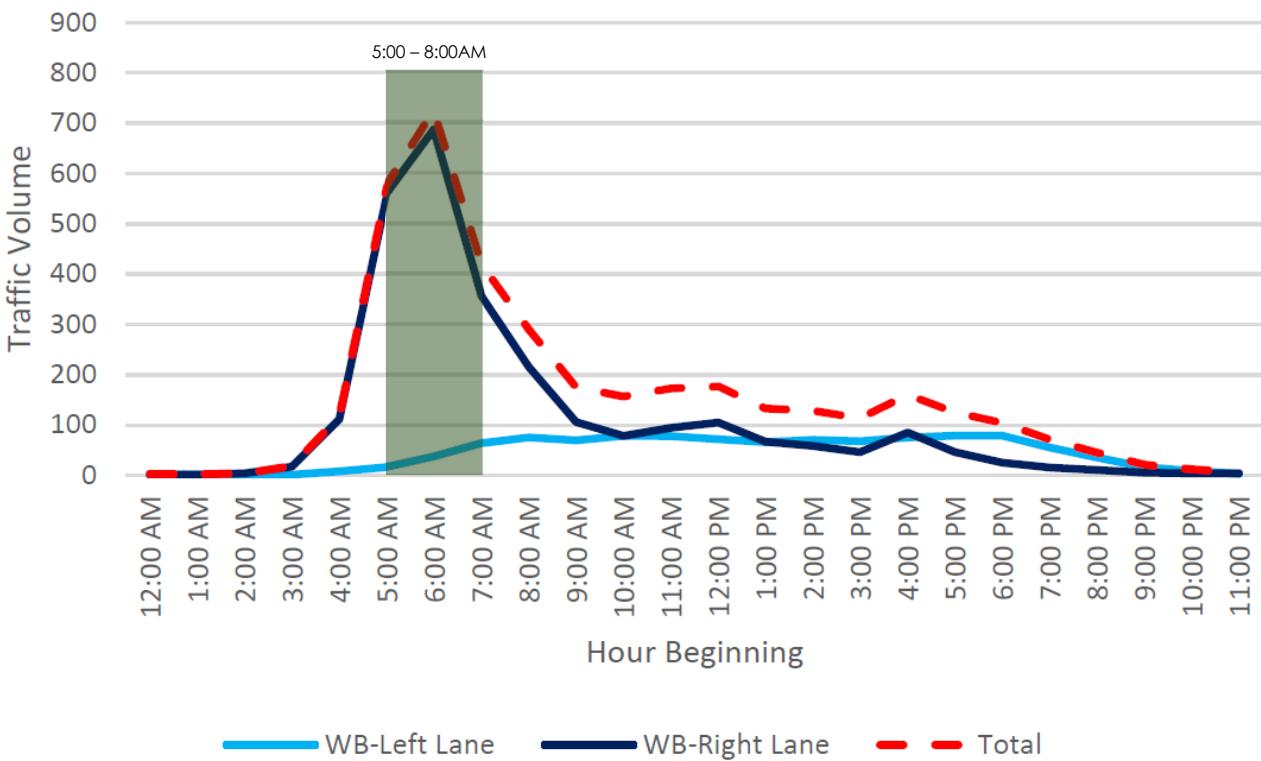
**Los Alamos County**  
**NM4 Crossing & Multi-Use Trail Improvements**

**Bohannan Huston**



## NM4 WESTBOUND LANE REDUCTION RE-EVALUATION

NM4 - Btwn Sherwood Blvd & La Vista Dr  
Westbound Lanes - Weekday Average  
Sept 16- Sept 19, 2024



Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements

Bohannan Huston



## NM4 WESTBOUND LANE REDUCTION RE-EVALUATION



NM4 Westbound Approaching La Vista Dr.

Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements

Bohannan Huston



## NORTHSIDE TRAIL LOCATION RE-EVALUATION

### New Trail in Buffer Area



- Trail Alignment cannot be placed at the back of curb due to requiring significant drainage work.
- Corridor with minimal utility conflicts is available.
- Requires cut in some areas and fill in others to meet ADA slope requirements and connection to mid-block crossing.
- Basalt Rock is near surface in some areas.
- Estimated cost approximately 5 Times more than the cost to place the trail in NM4 Roadway



**Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements**

**Bohannan Huston**

# NM4 WESTBOUND LANE REDUCTION RE-EVALUATION NORTHSIDE TRAIL LOCATION RE-EVALUATION SUMMARY

## NM4 Westbound Lane Reduction

### Pros

- Allows Trail to Utilize Roadway reducing construction costs
- Help Moderate Speeds to new 35 MPH Speed Limit
- Improved safety at mid-block crossing
- Reviewed by Police and Fire Departments with no concerns

### Cons

- Potential delays from slow moving trucks

### Pros

- Trail Buffered from NM4

### Northside Trail in Buffer Area

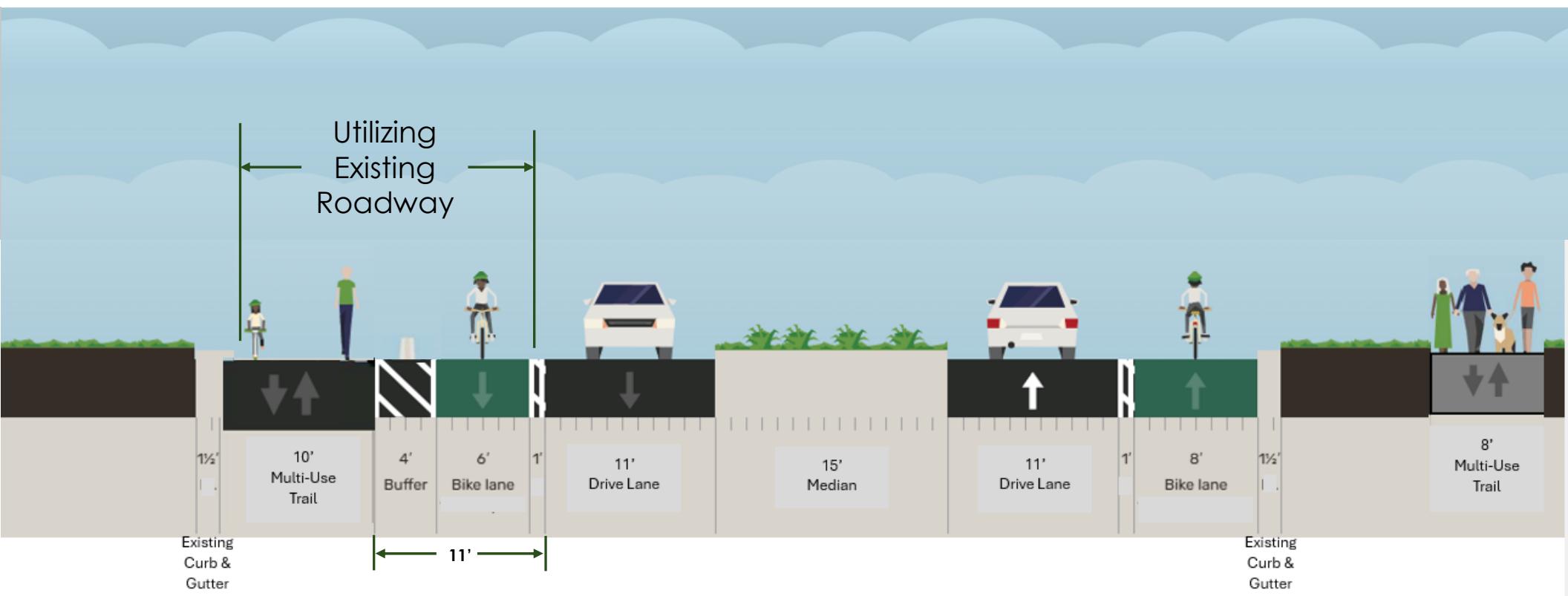
### Cons

- 5 Times more Cost
- Some Construction Unknowns (Basalt)



**RECOMMEND WB Lane Reduction and Trail Placement on NM4**

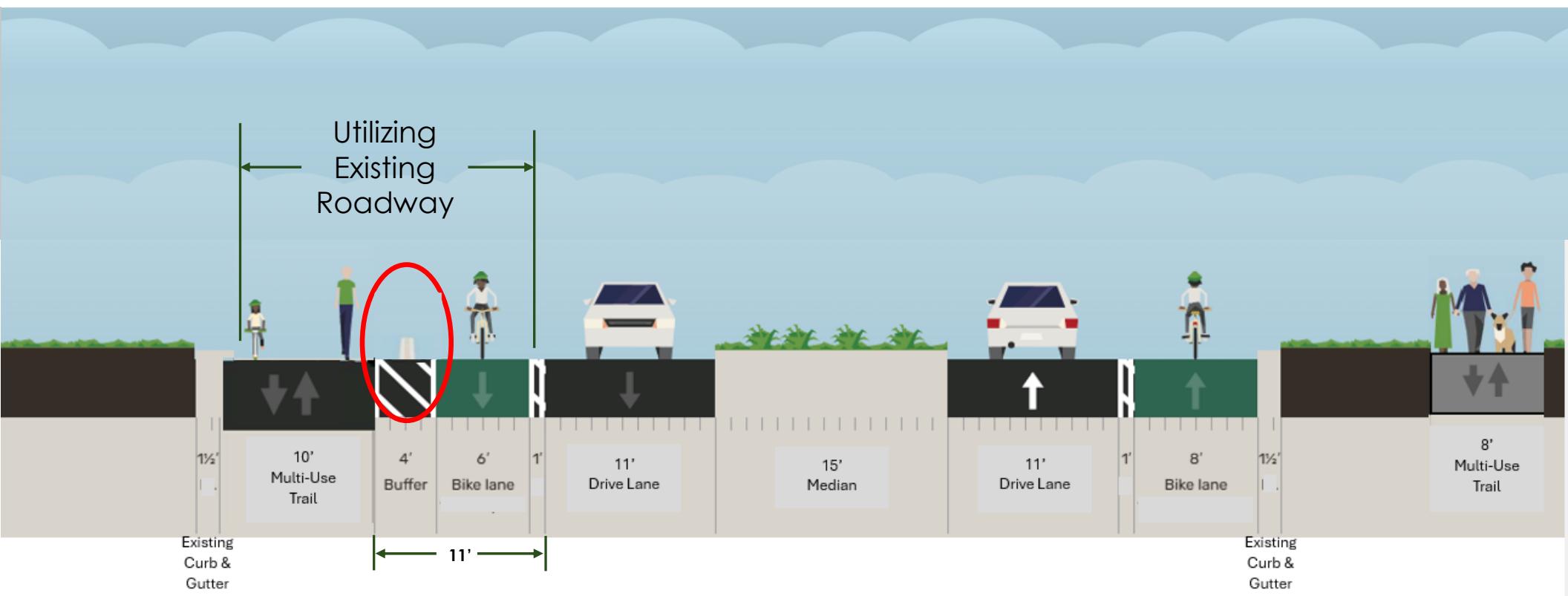
# NM4 PROPOSED CROSS SECTIONS



Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements

Bohannan Huston

# NM4 PROPOSED CROSS SECTIONS



Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements

Bohannan Huston

# PROPOSED TRAIL BUFFER BARRIER

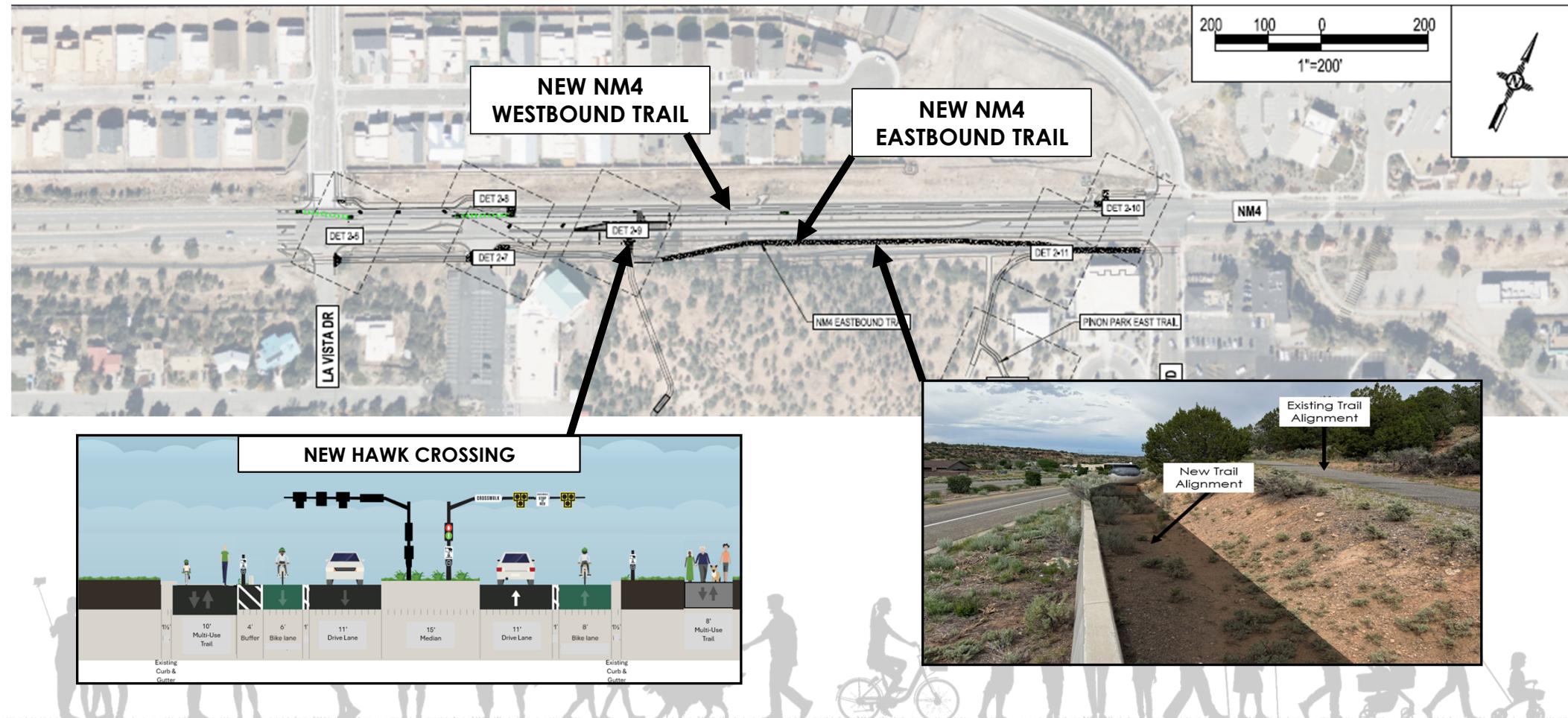
## SAFE-T LANE Bike Lane Divider



Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements

Bohannan Huston

# NM4 DESIGN ELEMENTS



Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements

Bohannan Huston

# Pinon School Trail



# RECOMMENDATIONS

## **On February 6, 2025, the Transportation Board recommended:**

The NM4 Crossing and Multi-use Trail Improvements Project as presented to the Los Alamos County Council and the County work with Los Alamos Public Schools on an auxiliary trail connection from Piñon Park to Grand Canyon Drive and further recommended that county staff continue to pursue the traffic signal at Sherwood and NM4

## **Requested Council Action:**

Approve the installation of a High-Intensity Activated Crosswalk (HAWK) Signal on NM4 approximately 550 feet west of La Vista Drive

Sec. 38-191. - Authority to install traffic-control devices.

- (a) The traffic engineer shall place and maintain such traffic-control devices as necessary to carry out the provisions of this chapter and to regulate, warn or guide traffic.
- (b) **The county council shall review and approve the installation of traffic-control signals prior to the traffic engineer installing the signaling devices.**

(Ord. No. 85-218, § 2, 1995; Code 1985, § 10.05.001)



**Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements**

**Bohannan Huston**



# **NEXT STEPS**

## **February 2026**

- Council Approval of NMDOT Maintenance Agreement
- Federal Funding Obligation & Execution of Funding Agreements

## **March – May 2026**

- Advertise for Construction Bids
- Council Approval of Bid Award

## **June 2026**

- Construction Start

## **Spring/Summer 2027**

- Construction Completion



# QUESTIONS?



Los Alamos County  
NM4 Crossing & Multi-Use & Pinon Elementary Trail Improvements

Bohannan Huston

