



Los Alamos County NM4 Crossing & Multi-Use Trail Improvements

January 9, 2025

Parks and Recreation Board





LOS ALAMOS

Bohannon  Huston

AGENDA

- Introductions
- Project Overview
- NM4 Crossing
- Pinon Park
- Piñon Elementary School Trail
- Schedule
- Next Steps



INTRODUCTIONS



LOS ALAMOS

Keith Wilson

Project Manager

Public Works Department



Jared Lee

Engineering Principal



PATHFINDER
Environmental

Bill Dunn

Environmental Lead



LOS ALAMOS

Los Alamos County
NM4 Crossing & Multi-Use Trail Improvements



Bohannon & Huston

PROJECT OVERVIEW



PROJECT OVERVIEW

- Congestion Mitigation and Air Quality Improvement (CMAQ) funds from NMDOT
- Reconstruction of Multi-use trail along Eastbound NM4 with enhanced mid-block crossing (HAWK)
- Lane reduction on Westbound NM4 to accommodate new multi-use trail and enhance pedestrian safety
- Reconstruction of existing trails through Pinon Park, including connection to Sherwood Blvd and Sierra Vista Dr
- Construction of new trail along west side of Pinon Park
- Associated Drainage Improvements
- Possible reconstruction of trail from Pinon Park to Grand Canyon Dr. on west side of Pinon Elementary School.

Benefits

- Safety
- Accessibility/Connectivity:
 - *Mirador Subdivision*
 - *Pinon Elementary*
 - *Pinon Park*
 - *Local businesses*
 - *Existing neighborhoods*
- Park Improvements



VICINITY MAP

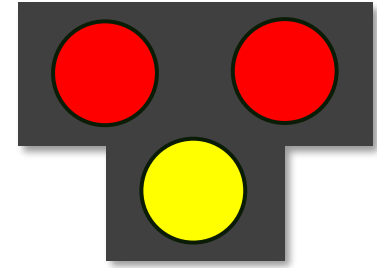
Within the Project Area:

- NM4
- Piñon Park
- Piñon Elementary School



PROJECT DETAILS

NM4 CROSSING IMPROVEMENTS

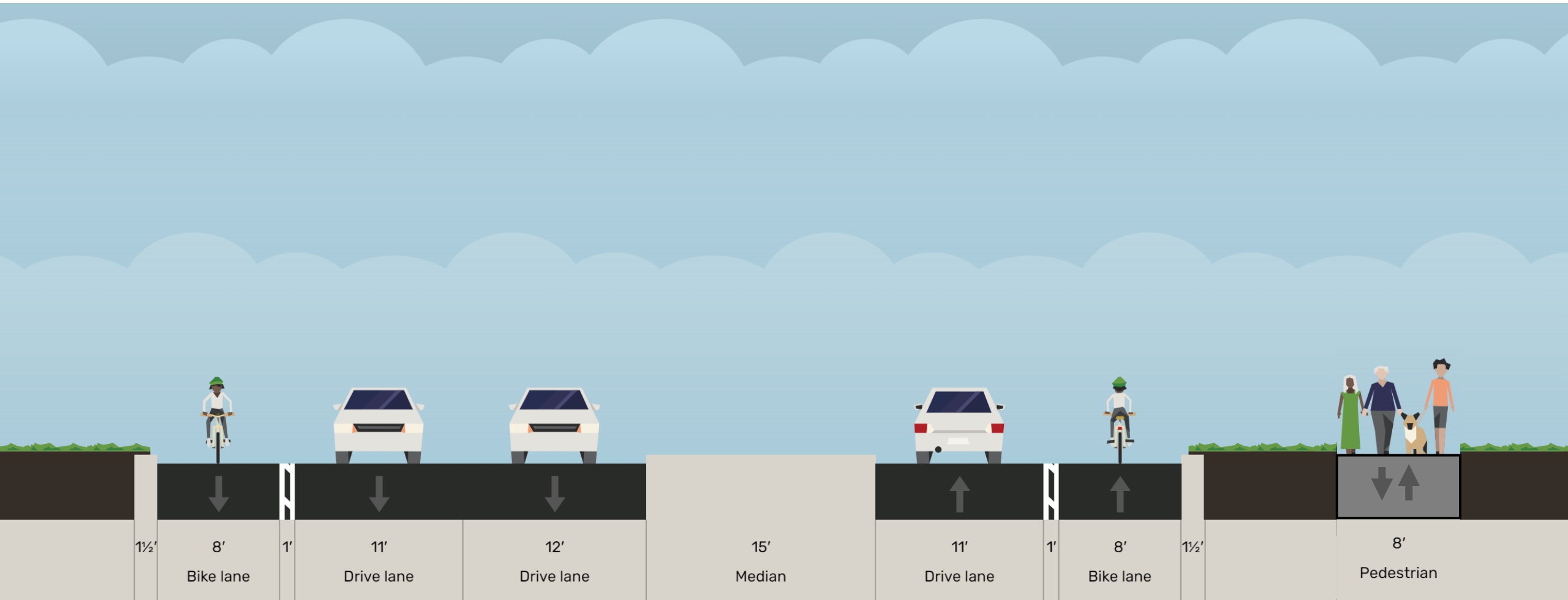


- **Lane reduced from 2 to 1 lane Westbound along NM4** to allow space for a protected walking/shared use space along northside of NM4
- **Turning lane improvements** as needed along NM4
- **Extend 35MPH Speed Limit** along NM4 to the west of La Vista Dr
- **Addition of a mid-block crossing with a Pedestrian Hybrid Beacon (HAWK)** for pedestrians and students to cross NM4



NM4 Cross Section

Existing Conditions



ROADWAY SECTION

Existing Trail to be Reconstructed

New Trail

Mirador Subdivision

On-Street Trail

Lane Reduction

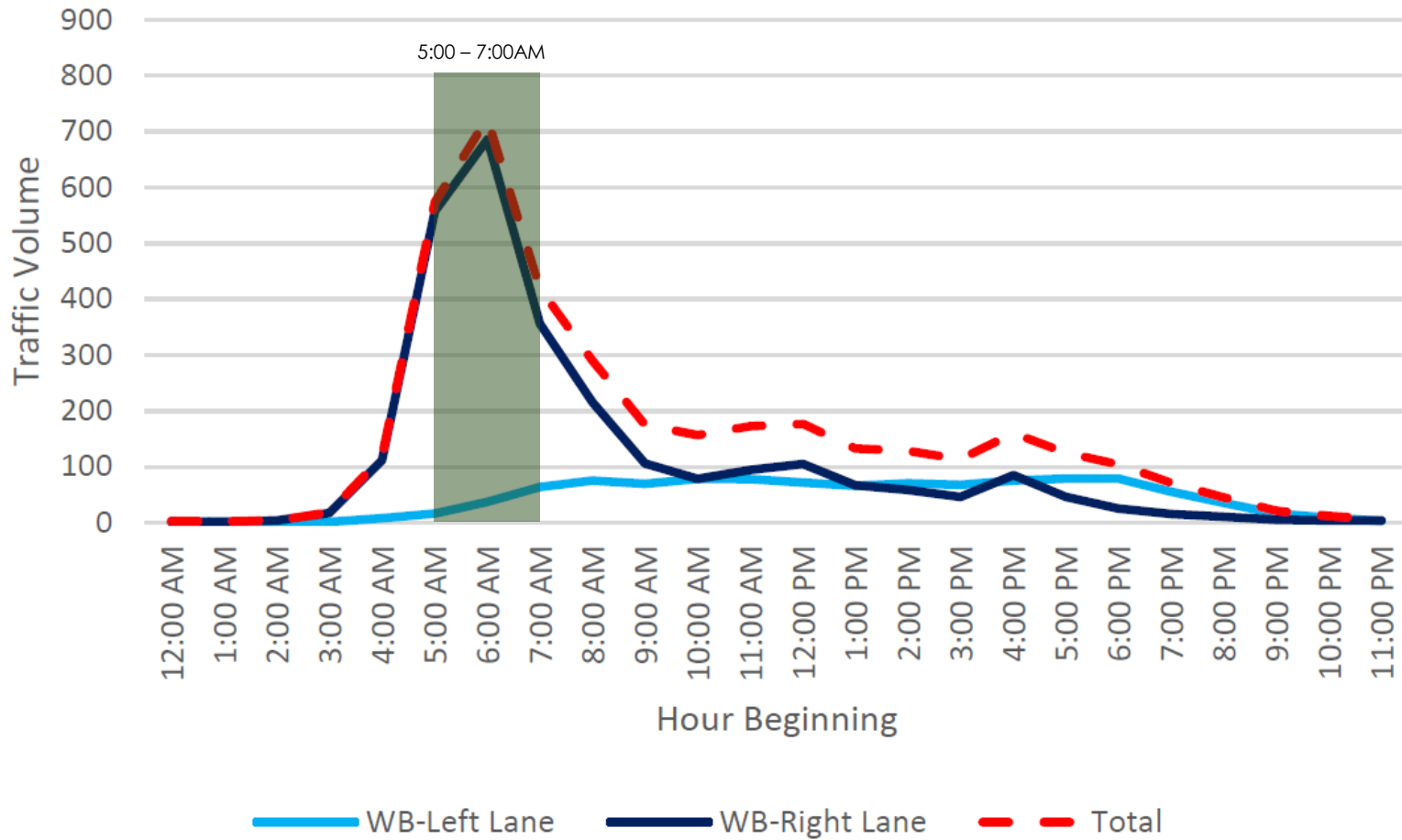
To Sherwood Blvd
Businesses

Right Turn Lane

NM 4

To Piñon
Elementary
School

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



ROADWAY SECTION

Existing Trail to be Reconstructed

New Trail

Mirador Subdivision

On-Street Trail

Lane Reduction

To Sherwood Blvd
Businesses

NM 4

To Piñon
Elementary
School












Proposed HAWK Crossing

The diagram illustrates a HAWK crossing at an intersection. On the left, a vertical road features a traffic light with a red light illuminated and a pedestrian crossing sign. A crosswalk is marked on the road. On the right, a horizontal road has a stop sign and a crosswalk. The crossing is labeled 'CROSSWALK STOP RED'.

HAWK SIGNALS



Source: The Land

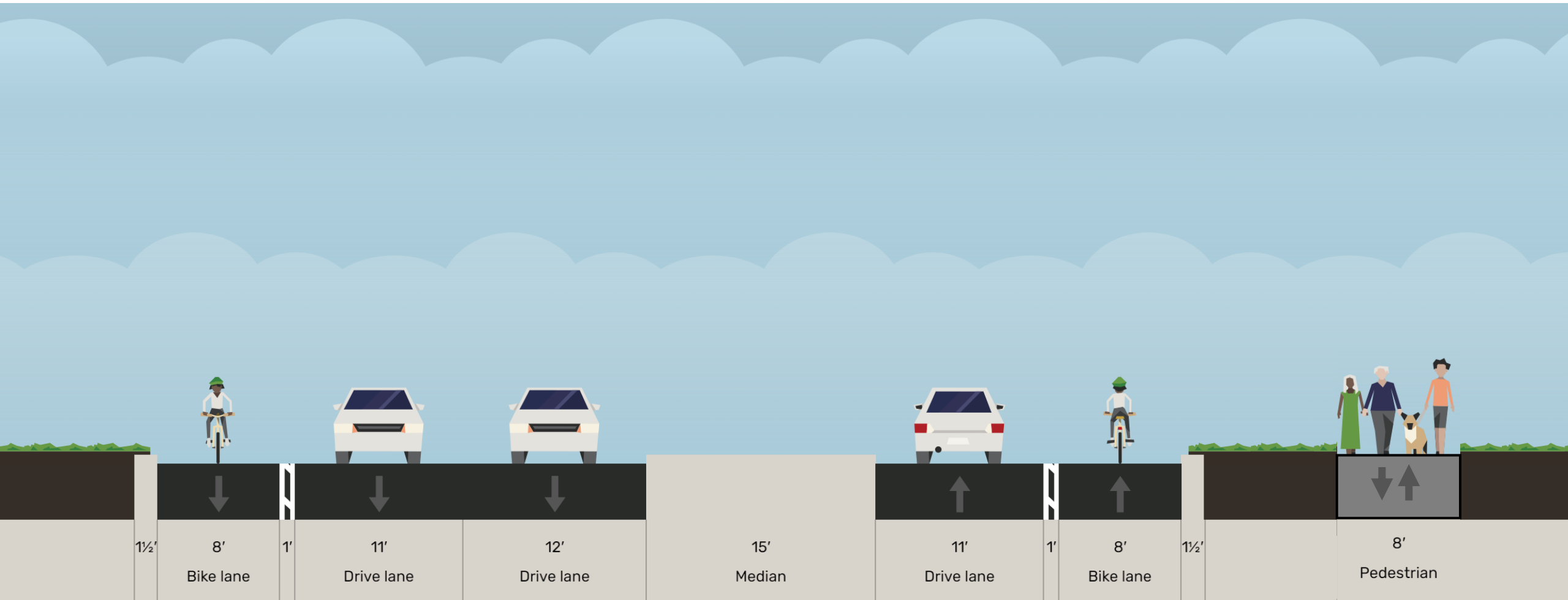
PEDESTRIANS 		DRIVERS 	
SEE THIS	DO THIS	SEE THIS	DO THIS
	PUSH THE BUTTON		DRIVE Always look for people who plan to cross.
	STOP & WAIT for the WALK signal.	 FLASHING	SLOW DOWN A person has activated the push button.
	START CROSSING Always watch for cars.		PREPARE TO STOP
	FINISH CROSSING		STOP for pedestrian. (As with any signal RED means STOP)
		 FLASHING	STOP FIRST Proceed with caution if no people are present.

Source: City of Phoenix, AZ



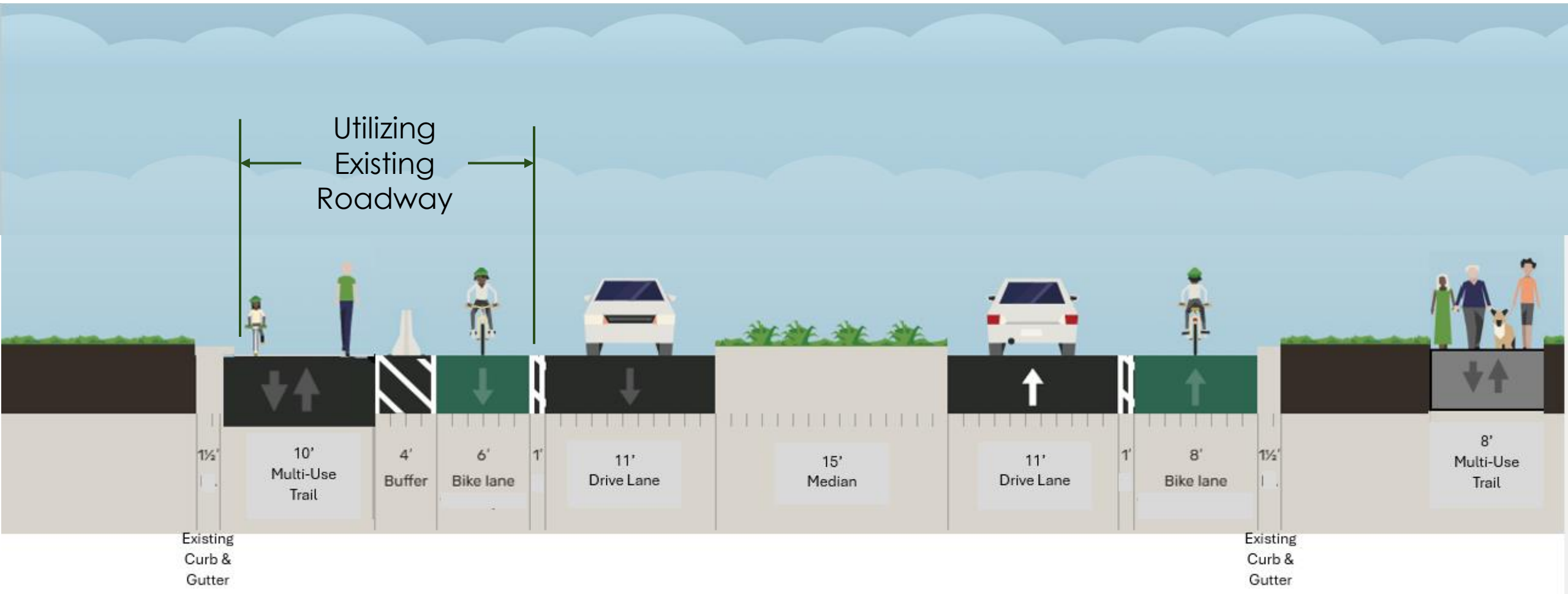
POTENTIAL CROSS SECTIONS

Existing Conditions



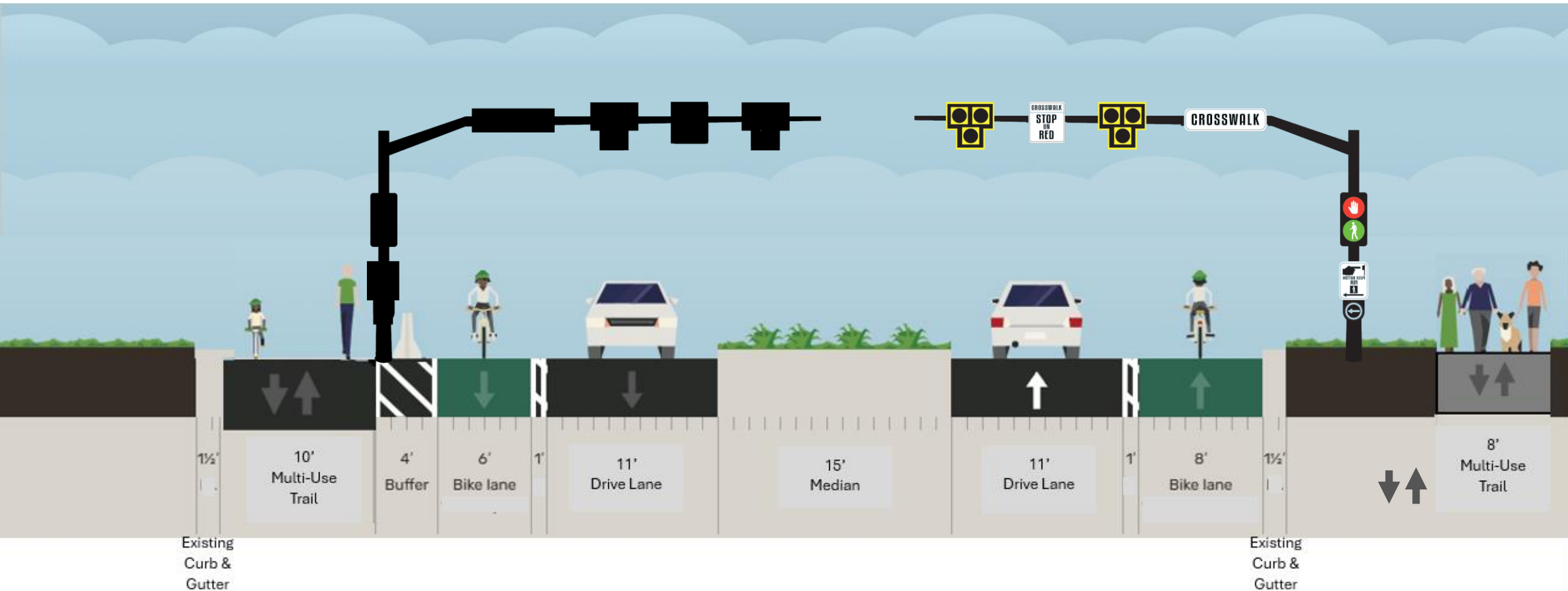
POTENTIAL CROSS SECTIONS

Proposed



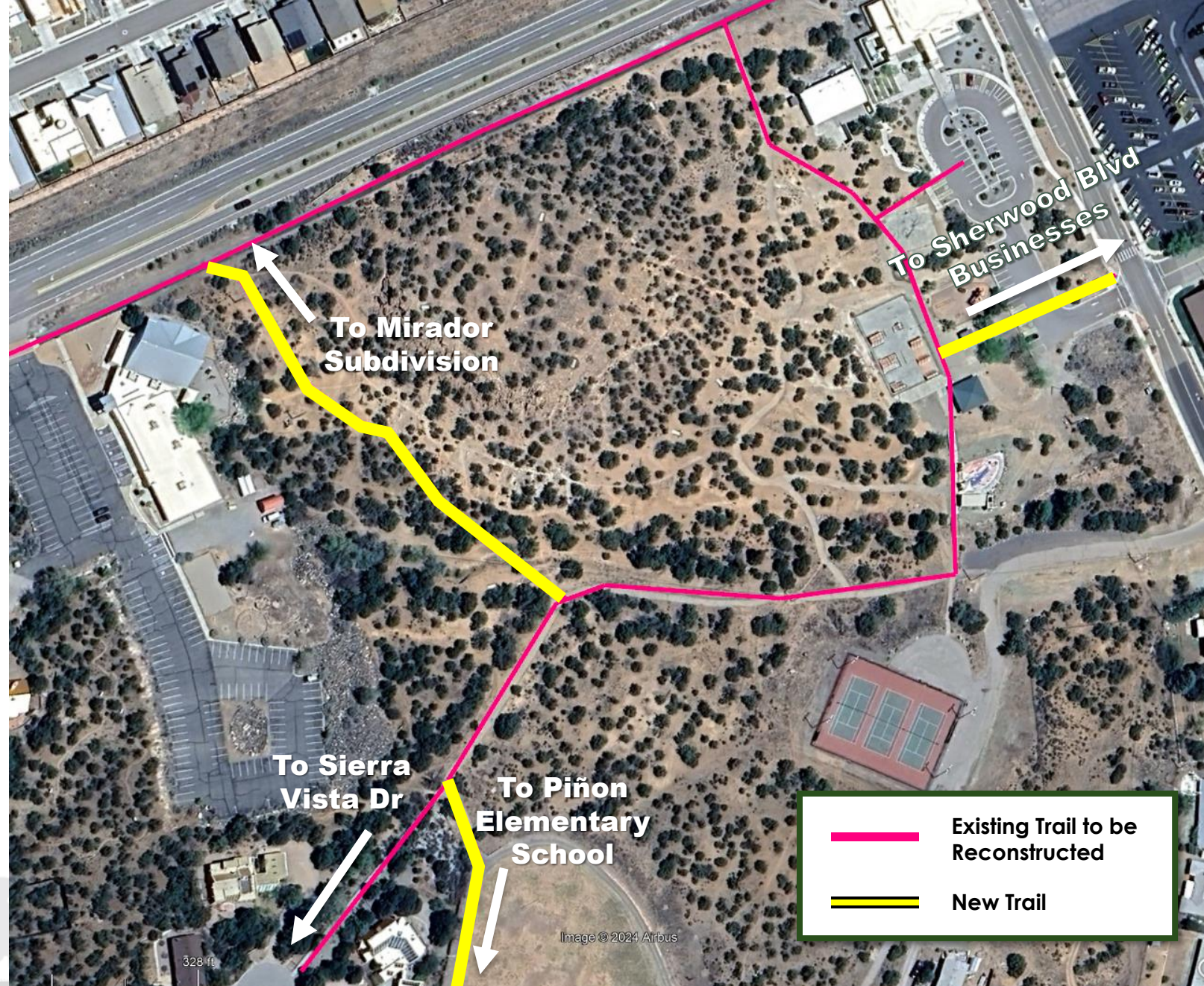
POTENTIAL CROSS SECTIONS

Proposed



PROJECT DETAILS PINON PARK

- ~3000 linear feet of **existing trail reconstruction** to improve the existing trails conditions and accessibility
- ~750 linear feet of **new trail** to connect NM4 through the park along the west side
- **Sidewalk connection to Sherwood Blvd** crossing from the skatepark/playground area
- **Sidewalk connection to Sierra Vista Dr**
- **Replacing the existing timber bridge** crossing with an improved solution
- **Drainage improvements** to key locations within the park and along the Pinon Park trails





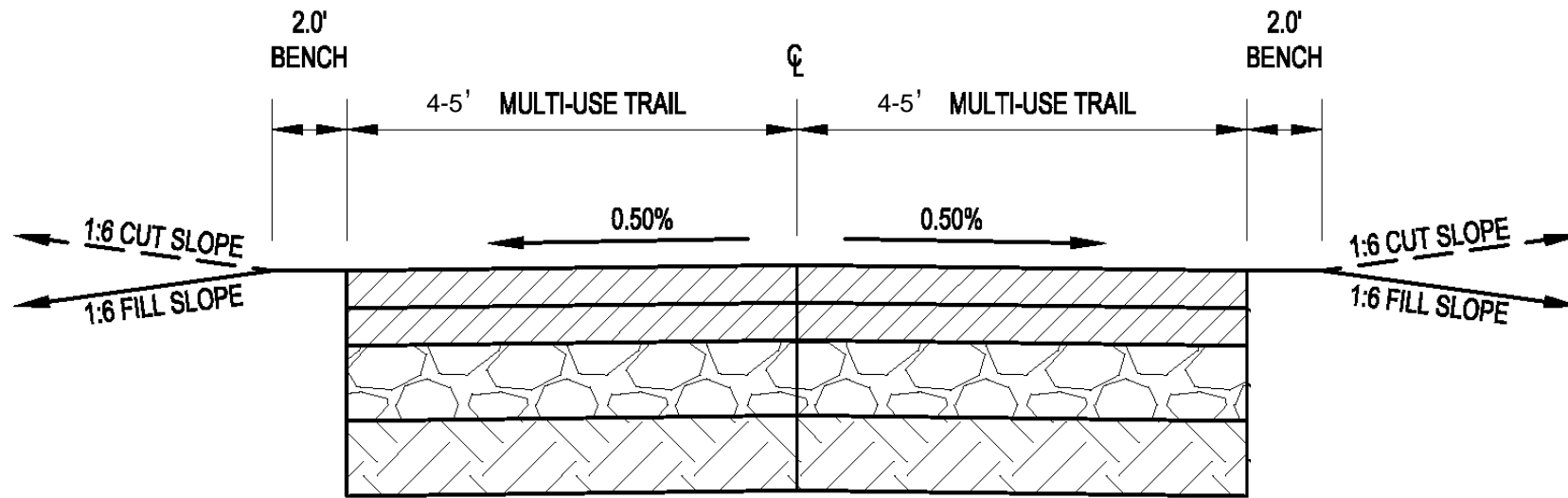
PIÑON PARK

Existing Conditions



PIÑON PARK

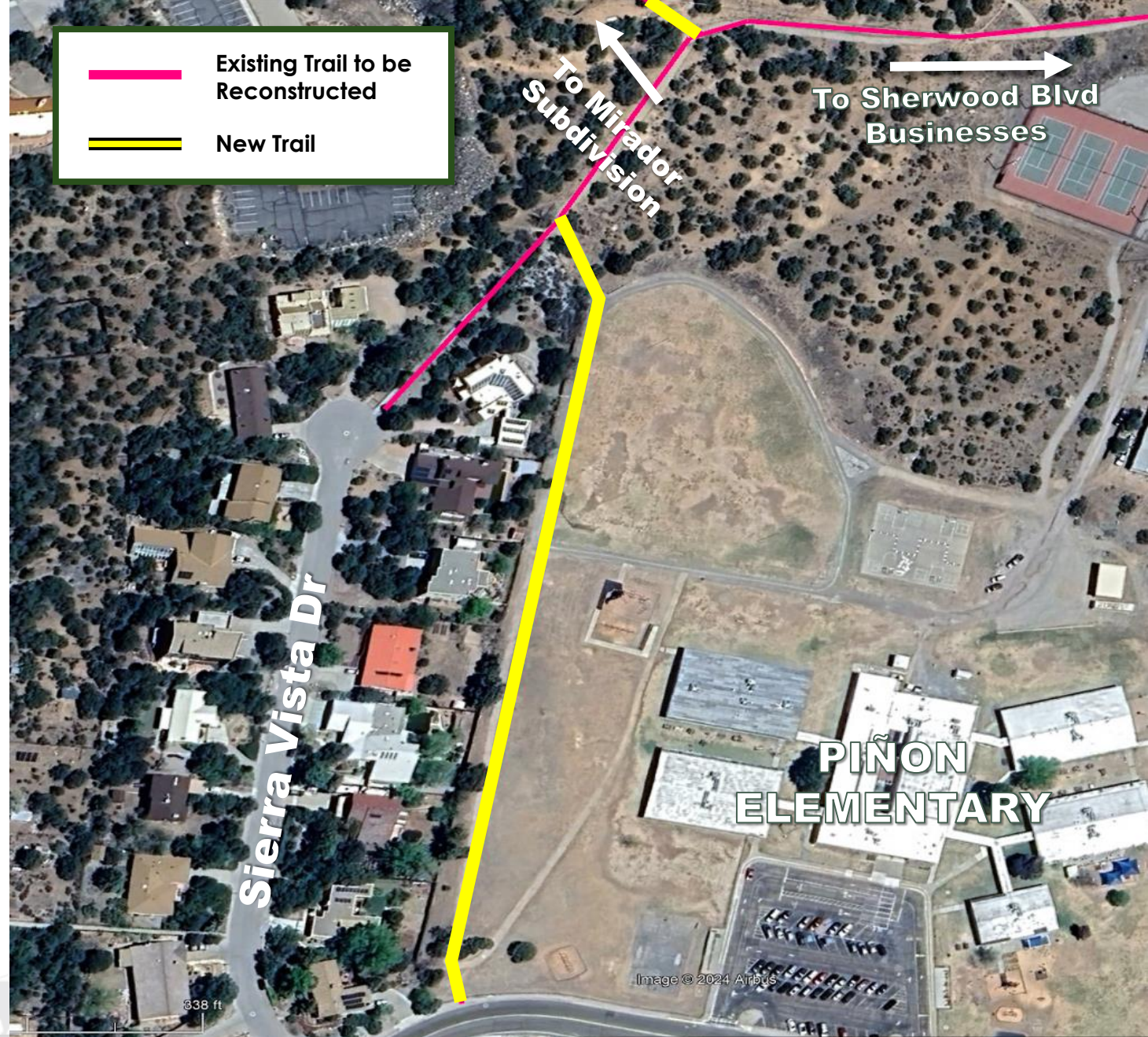
8-10' Trail Dimensions



PROJECT DETAILS

PIÑON ELEMENTARY TRAIL

- In **discussions with Los Alamos Public Schools to obtain an easement** to allow this trail section to be incorporated into the project.
- **~850 linear feet of existing trail reconstruction** along the west side of the school campus to improve the existing trail condition and accessibility. Proposed to be dedicated as a public access easement.
- **Extending the existing trail** to connect with the sidewalk on the northside of Grand Canyon Drive



NEXT STEPS

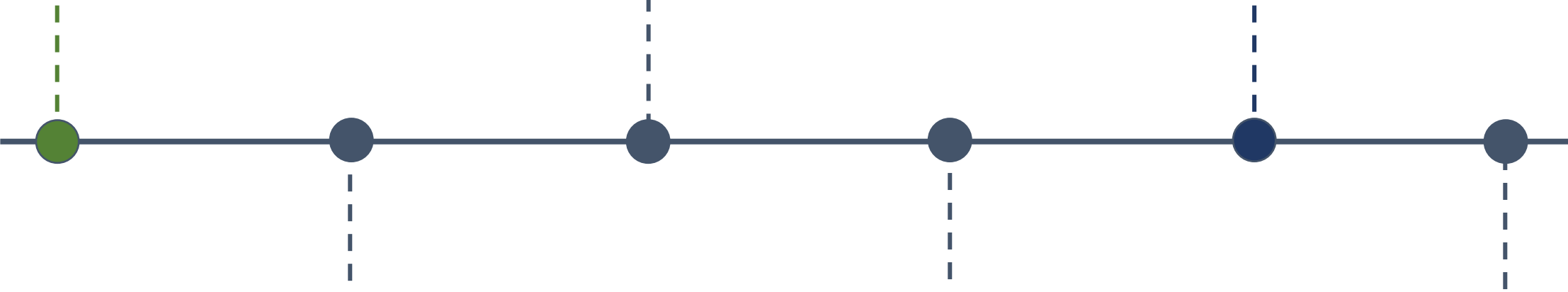


PROJECT SCHEDULE

Public Meeting 1:
November 7, 2024

Final Design (90%):
Early May 2025

Approved Design (100%):
Summer 2025



Public Meeting 2:
Spring 2025

Public Meeting 3:
Mid-May 2025

Construction:
Summer 2025 – Fall 2026



QUESTIONS?



Comments/Contacts

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Thank You!

The Public Works Department staff thanks you for taking time out of your busy schedule to participate in the design and construction of this important public project!

