New Mexico DEPARTMENT OF TRANSPORTATION
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U.S. Department of Transportation
Federal Highway Administration

NM 4 Alignment Study

Stakeholder Presentation

Wednesday, April 29, 2026

Control Number 5101620

Agenda

1. Study Area
2. Study Purpose
3. Study Needs
4. Preliminary Data Collection & Analysis
5. Schedule and Next Steps
6. Public Input

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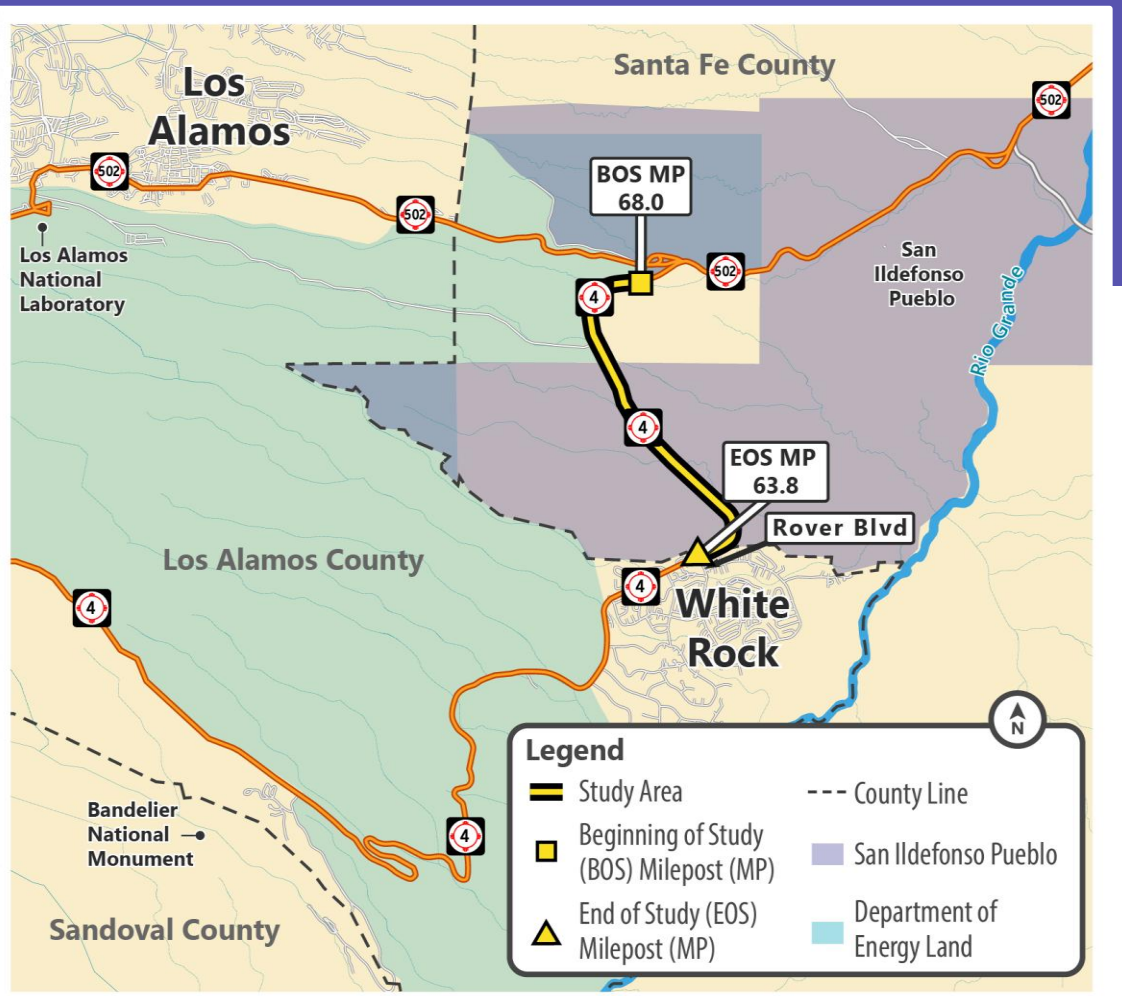
Study Area



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Study Purpose

The purpose of this study is to evaluate safety, traffic operations, roadway conditions and environmental factors along NM 4 between Rover Boulevard and NM 502.

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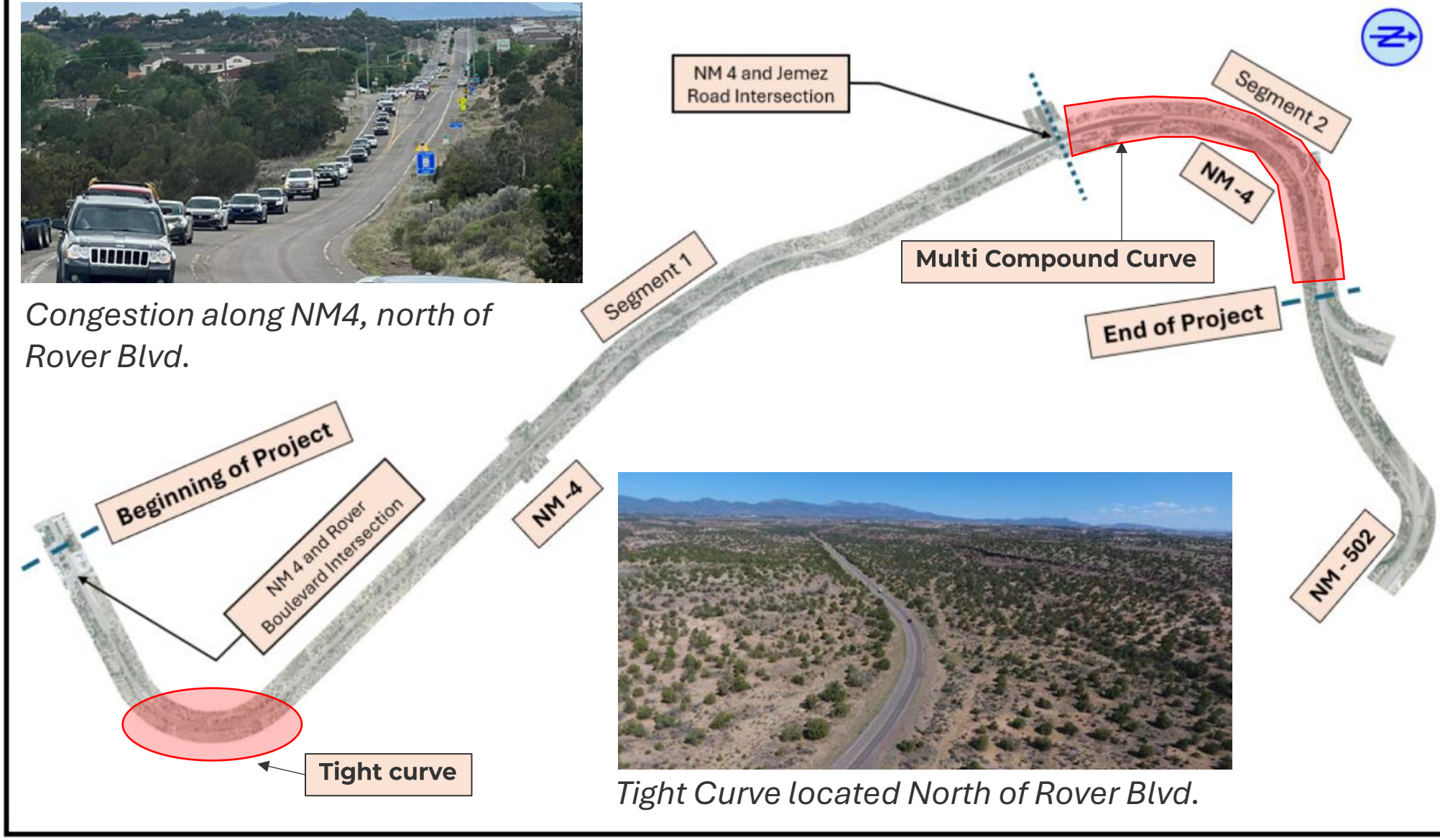
Study Needs

Previous studies and ongoing evaluations identified key concerns, including:

- Traffic congestion (particularly at NM4/Rover Blvd. and NM 4/E. Jemez Rd. intersections)
- Vehicular and bicycle safety concerns
- Road layout problems/limited shoulder widths
- Obstructions adjacent to driving lanes
- Limited options for biking
- Drainage and infrastructure needs

Roadway Limits and Geometry

Congestion along NM4, north of Rover Blvd.



Tight Curve located North of Rover Blvd.

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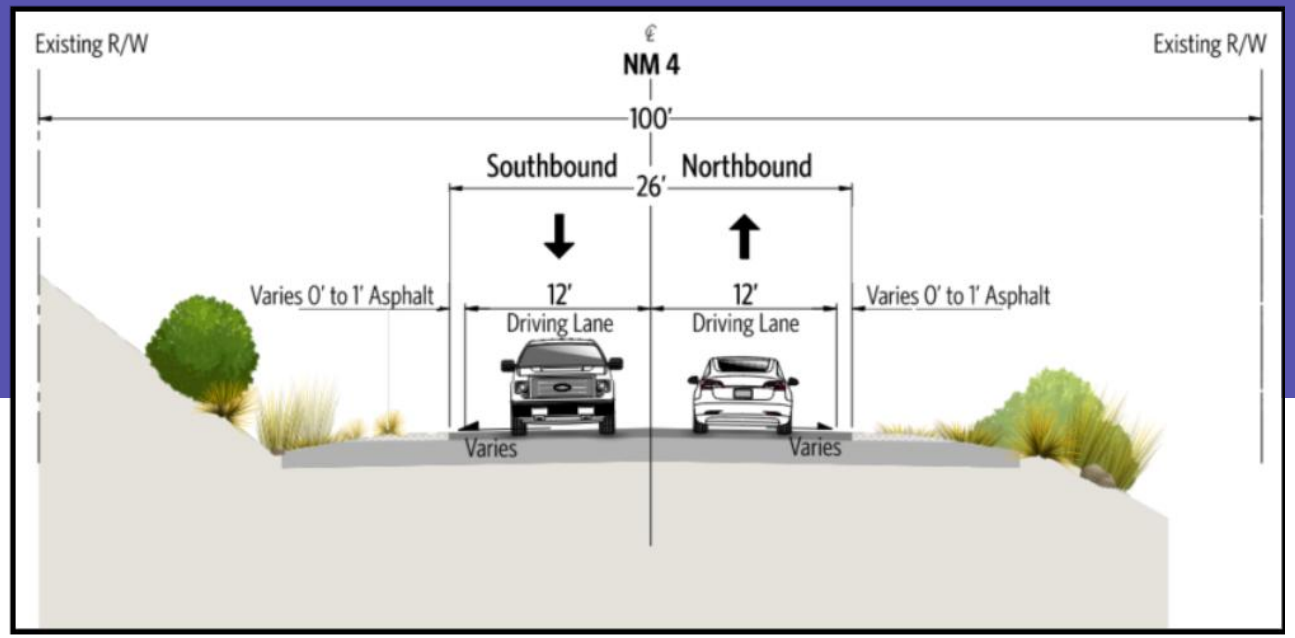
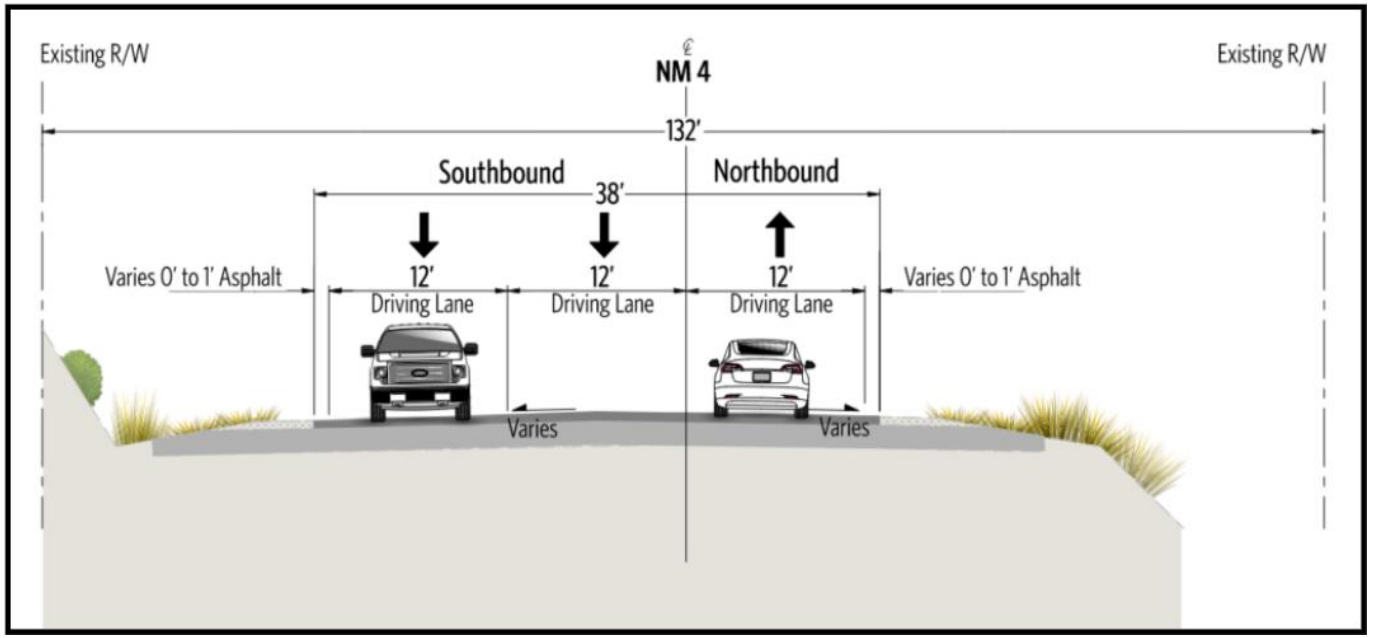
Existing Roadway Cross-Section

- Inadequate shoulder width (0’ to 1’)
- Clear zone hazards
- Safety concerns for multimodal users
- Deteriorating pavement conditions





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Traffic Analysis

- Roadway capacity
- Traffic delay and backups
- Safety analysis based on crash history
- Speed studies and driver behavior
- Transportation needs

Congestion along NM4, north of Rover Blvd.

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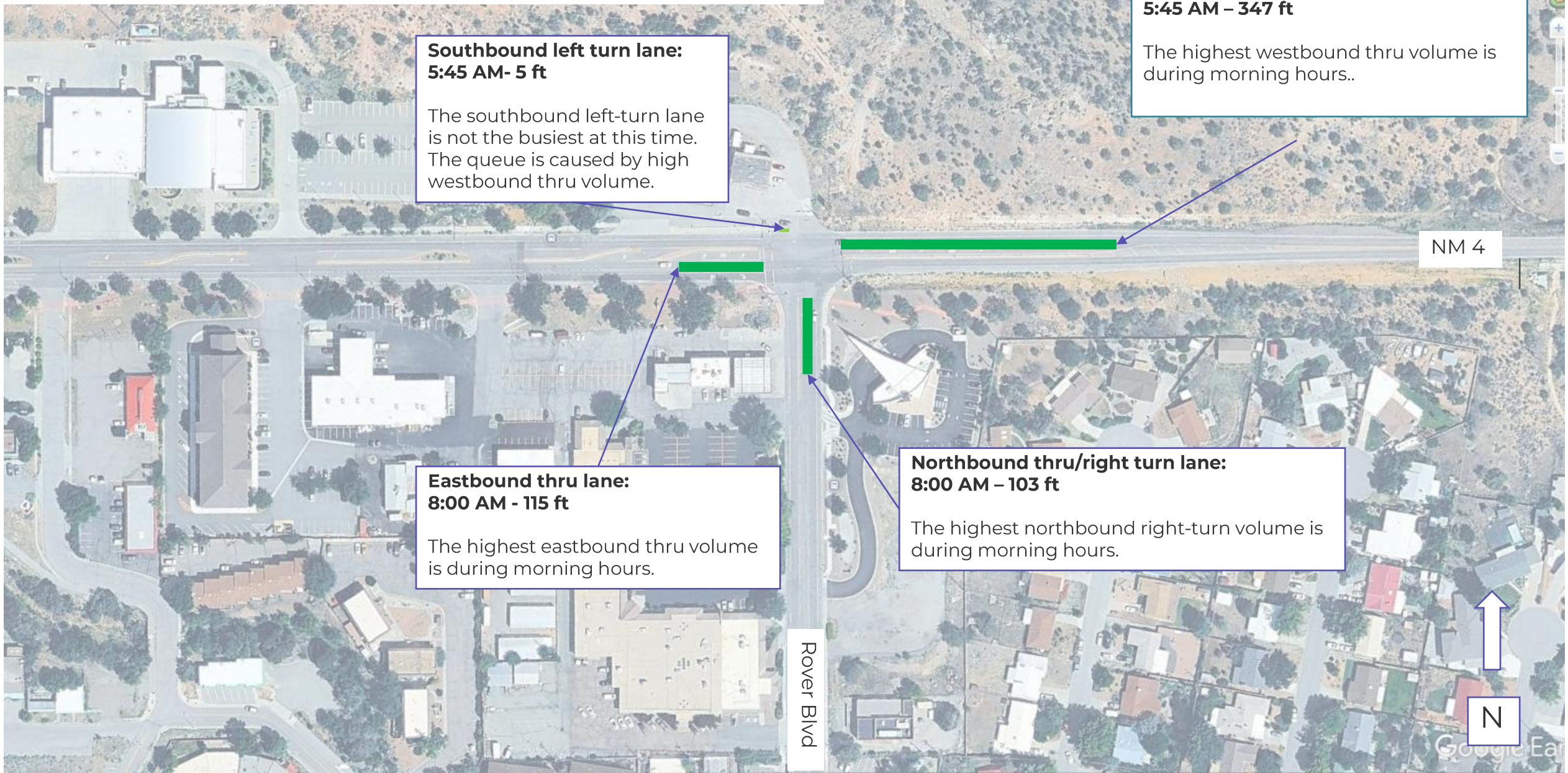
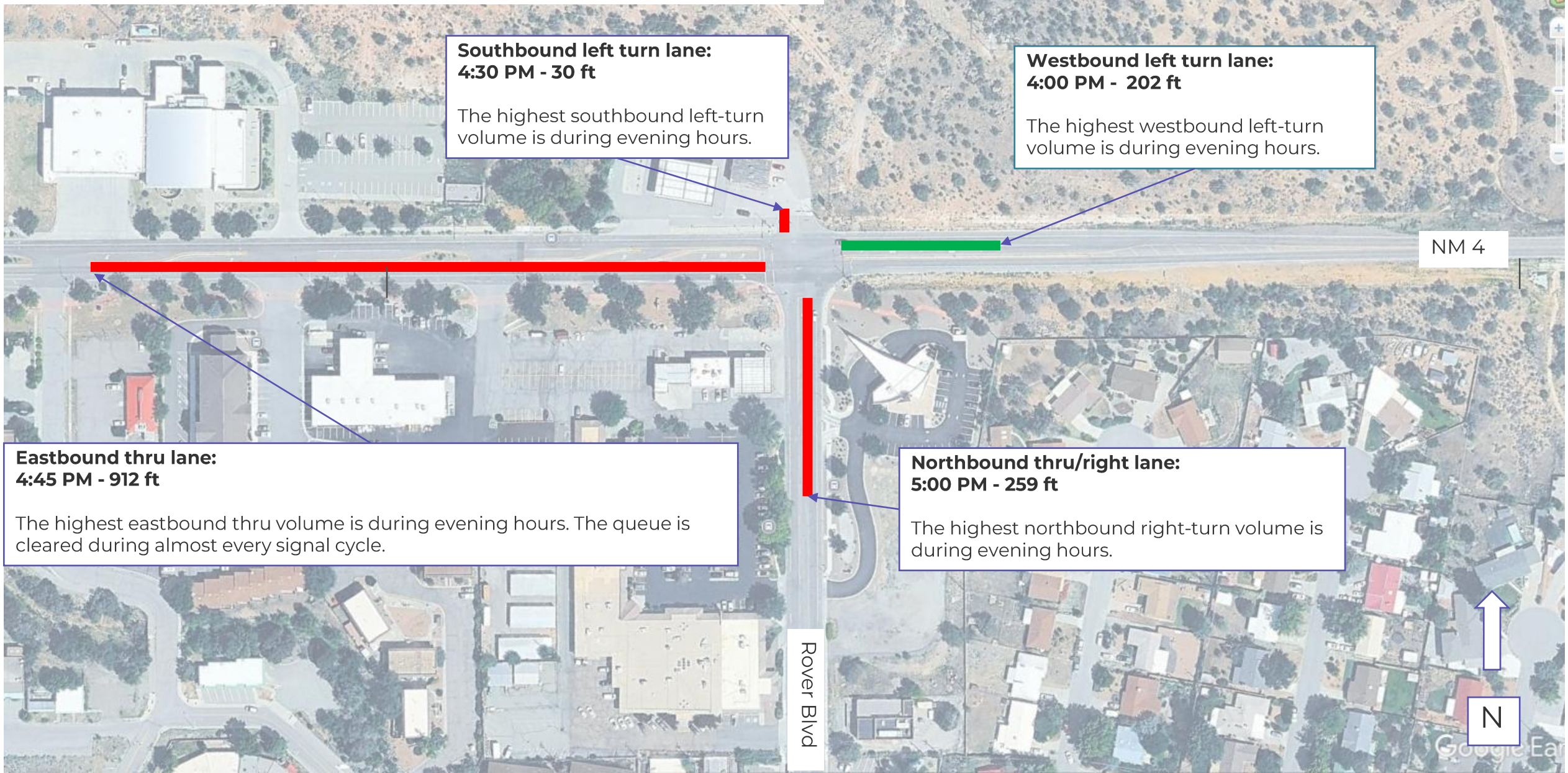
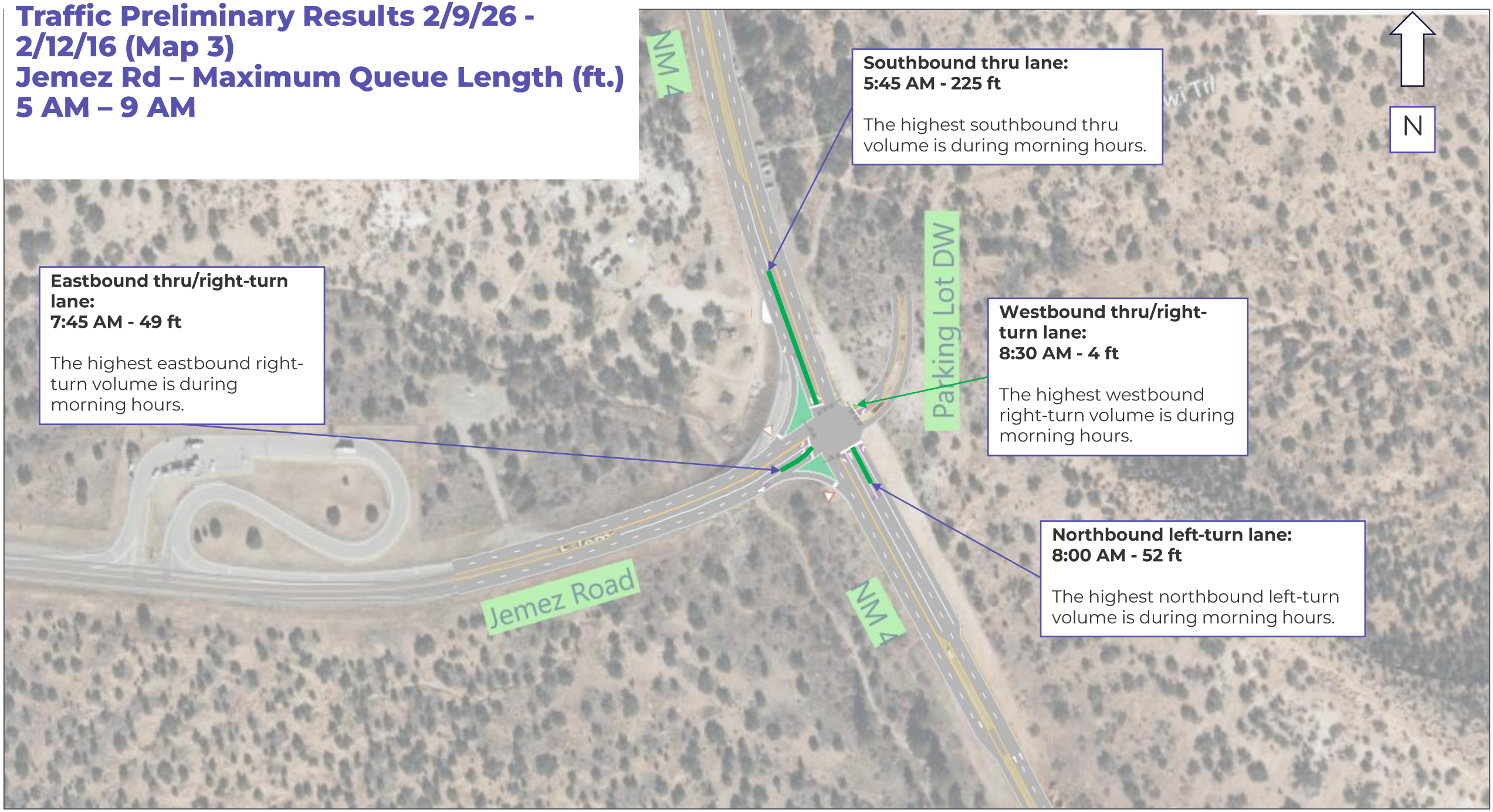
Traffic Preliminary Results 2/9/26 - 2/12/16 (Map 1)
Rover Blvd – Maximum Queue Length (ft.)
5 AM – 9 AM



Traffic Preliminary Results 2/9/26 - 2/12/16 (Map 2)
Rover Blvd – Maximum Queue Length (ft.)
2 PM – 7 PM



Traffic Preliminary Results 2/9/26 - 2/12/16 (Map 3)
Jemez Rd – Maximum Queue Length (ft.)
5 AM – 9 AM



Southbound thru lane:
5:45 AM - 225 ft

The highest southbound thru volume is during morning hours.

Eastbound thru/right-turn lane:
7:45 AM - 49 ft

The highest eastbound right-turn volume is during morning hours.

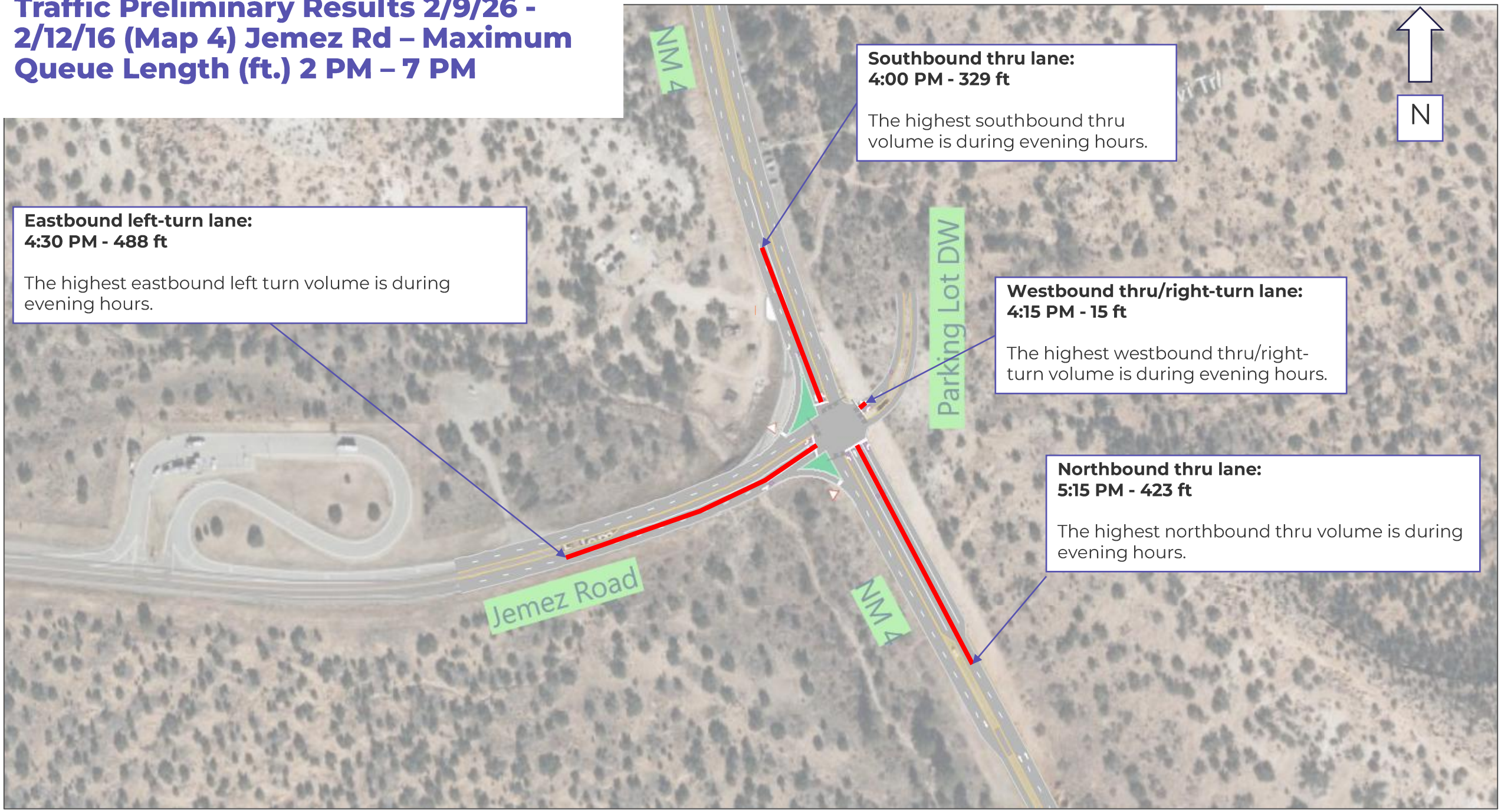
Westbound thru/right-turn lane:
8:30 AM - 4 ft

The highest westbound right-turn volume is during morning hours.

Northbound left-turn lane:
8:00 AM - 52 ft

The highest northbound left-turn volume is during morning hours.

Traffic Preliminary Results 2/9/26 - 2/12/16 (Map 4) Jemez Rd – Maximum Queue Length (ft.) 2 PM – 7 PM



Southbound thru lane:
4:00 PM - 329 ft

The highest southbound thru volume is during evening hours.

Eastbound left-turn lane:
4:30 PM - 488 ft

The highest eastbound left turn volume is during evening hours.

Westbound thru/right-turn lane:
4:15 PM - 15 ft

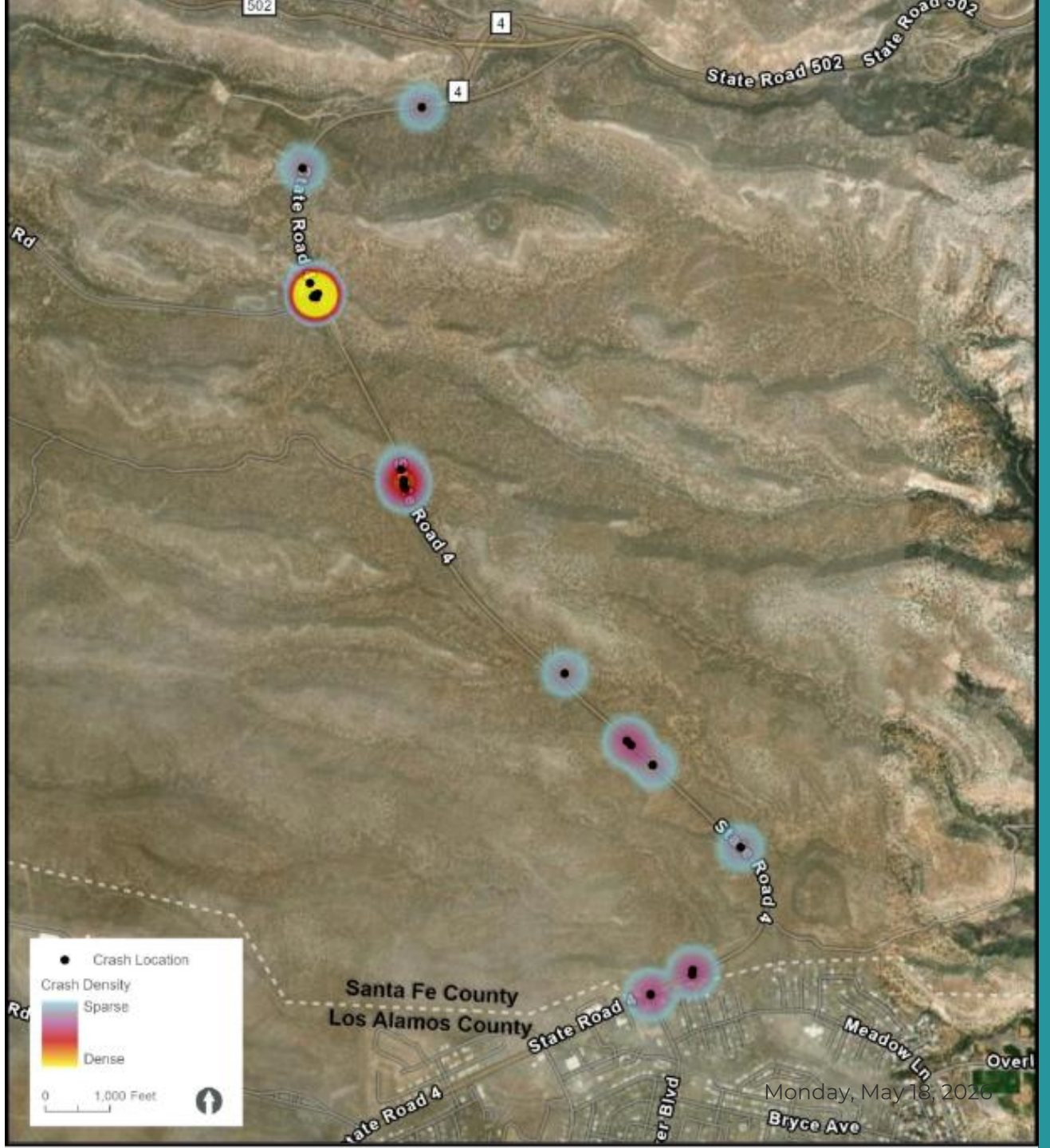
The highest westbound thru/right-turn volume is during evening hours.

Northbound thru lane:
5:15 PM - 423 ft

The highest northbound thru volume is during evening hours.

Crash Heat Map

- 28 crashes recorded from 2020-2022
- Crashes are non-fatal and occur during busy commute times
- Mostly rear-end (36%) and multi-vehicle (53%) crashes
- A significant number of crashes (21%) involve animals
- About 79% of crashes happen in the daytime



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Drainage Overview

- Field assessments and data collection
- Hydrologic and hydraulic modeling
- Analyzed for 50 and 100-year events
- Evaluated culverts, roadside ditches, and contributing watersheds
- FEMA floodplain areas

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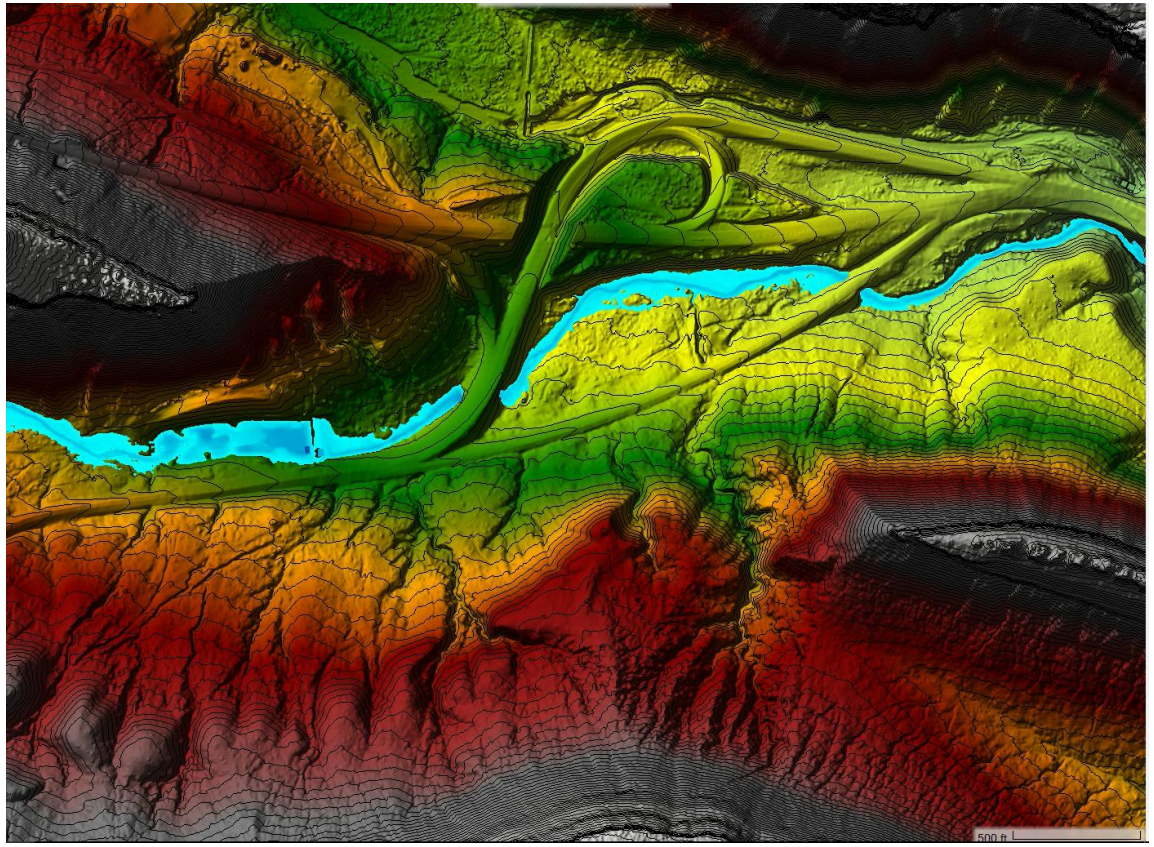
Preliminary Drainage Conditions

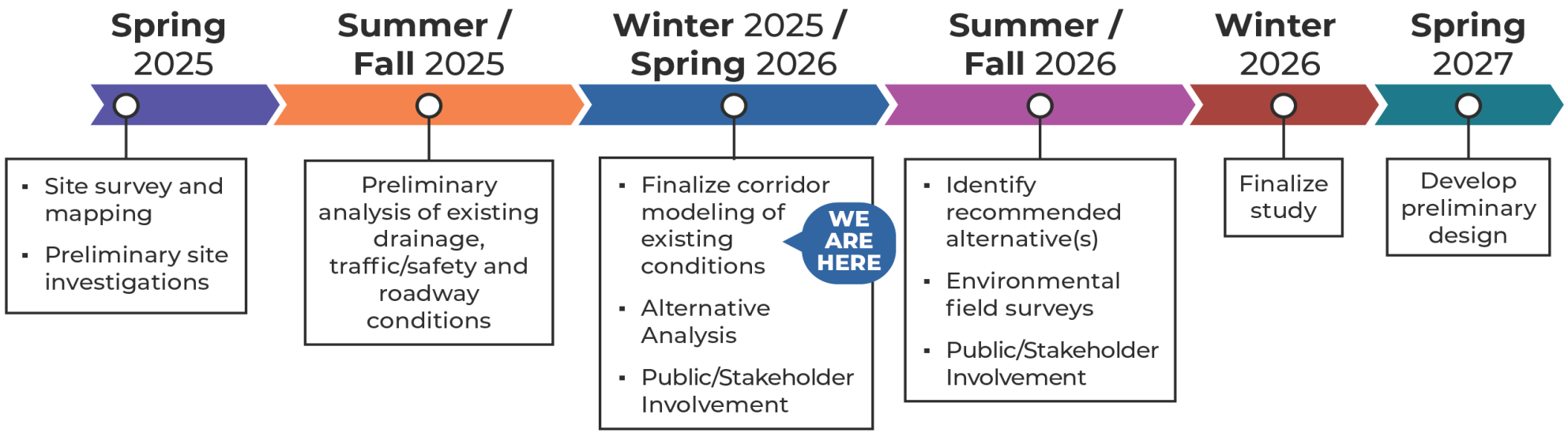


Flows along NM 4 from Basin 1

- Drainage infrastructure is in fair to poor condition
- Reduced culvert capacity due to sediment and debris
- Scour and erosion damage
- Localized roadway flooding
- Future system performance is highly dependent on active sediment management

*Drainage improvements will be further evaluated in conjunction with roadway alternatives development.

Schedule and Next Steps



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Please help us get the word out

IN-PERSON PUBLIC MEETING

Wednesday, May 13, 2026
Starting at 5:30 PM

White Rock Fire Station #3
129 State Road 4
White Rock, NM 87547

***Presentation begins at 6:00 PM**

https://bit.ly/nm4-study

2155 Louisiana Blvd NE, Suite 3000
Albuquerque, NM 87110

connect@NM4Study.com

505.273.7989

We are asking the community to share comments and questions with our team by June 12, 2026.

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