



COUNCIL DISTRICT 7 PROJECT
COUNCILOR TAMMY FIEBELKORN

2023

SANDIA HS AREA SAFETY AND TRAFFIC CALMING STUDY



505.338.0988



8220 San Pedro Drive NE, Suite 150
Albuquerque, NM 87113



CONTACT INFORMATION



Stephen Montaña smontano@lee-eng.com

INTRODUCTION



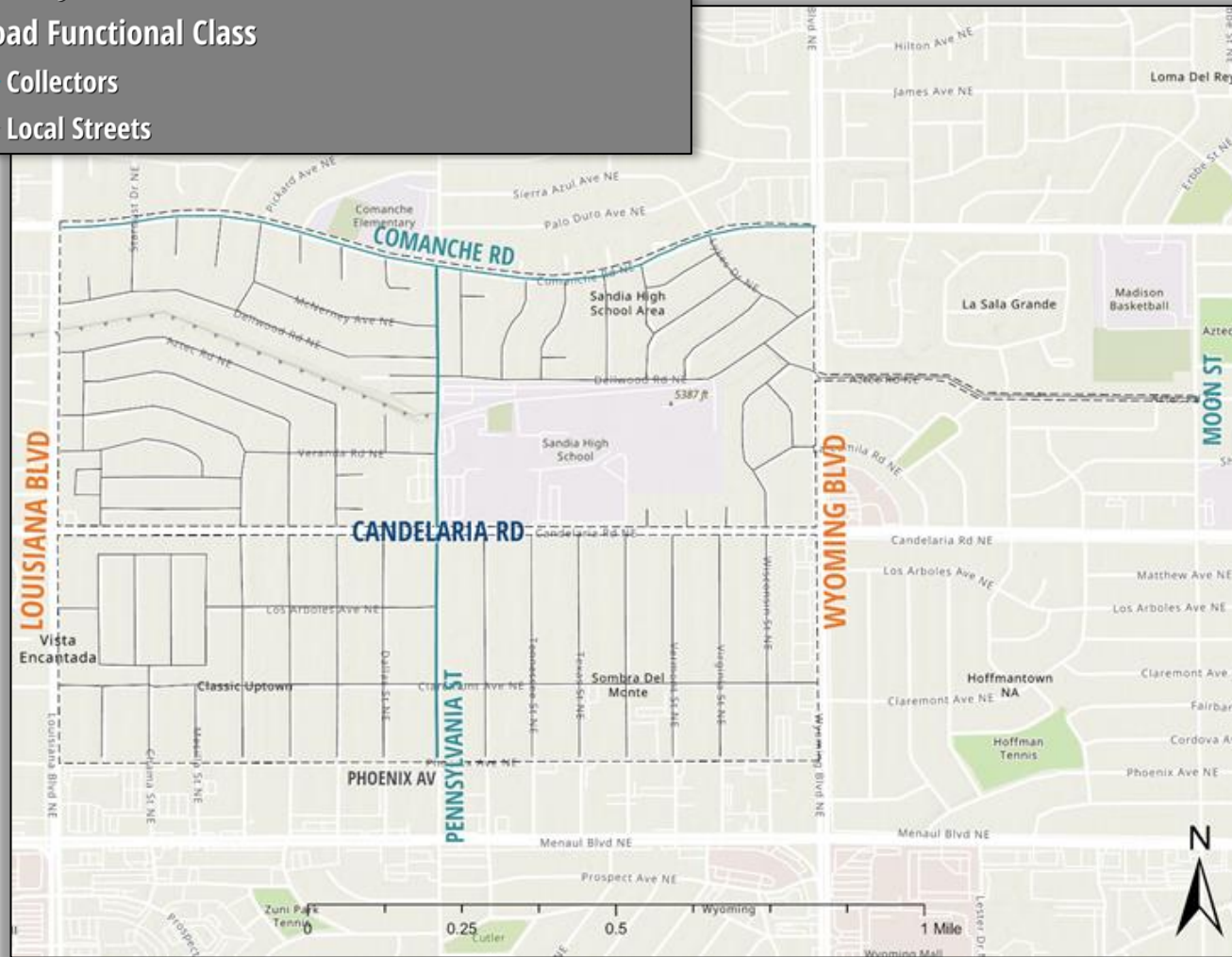
SCHEDULE

Data Collection and Preliminary Analysis	March 2023
Initial Site Visit and Walking Workshop	March 14 th , 2023
Traffic and Safety Analysis	March 15 th – April 14 th , 2023
Public Meeting #1 – Initial Findings	April 20th, 2023
Safety Mitigation Strategies	April 21 st – May 19 th , 2023
Public Meeting #2 - Findings & Recommendations	Week of May 22 nd , 2023
Final Report	July 2023

STUDY AREA

Sandia HS Area Safety and Traffic Calming Study

- Study Area
- Road Functional Class
 - Collectors
 - Local Streets

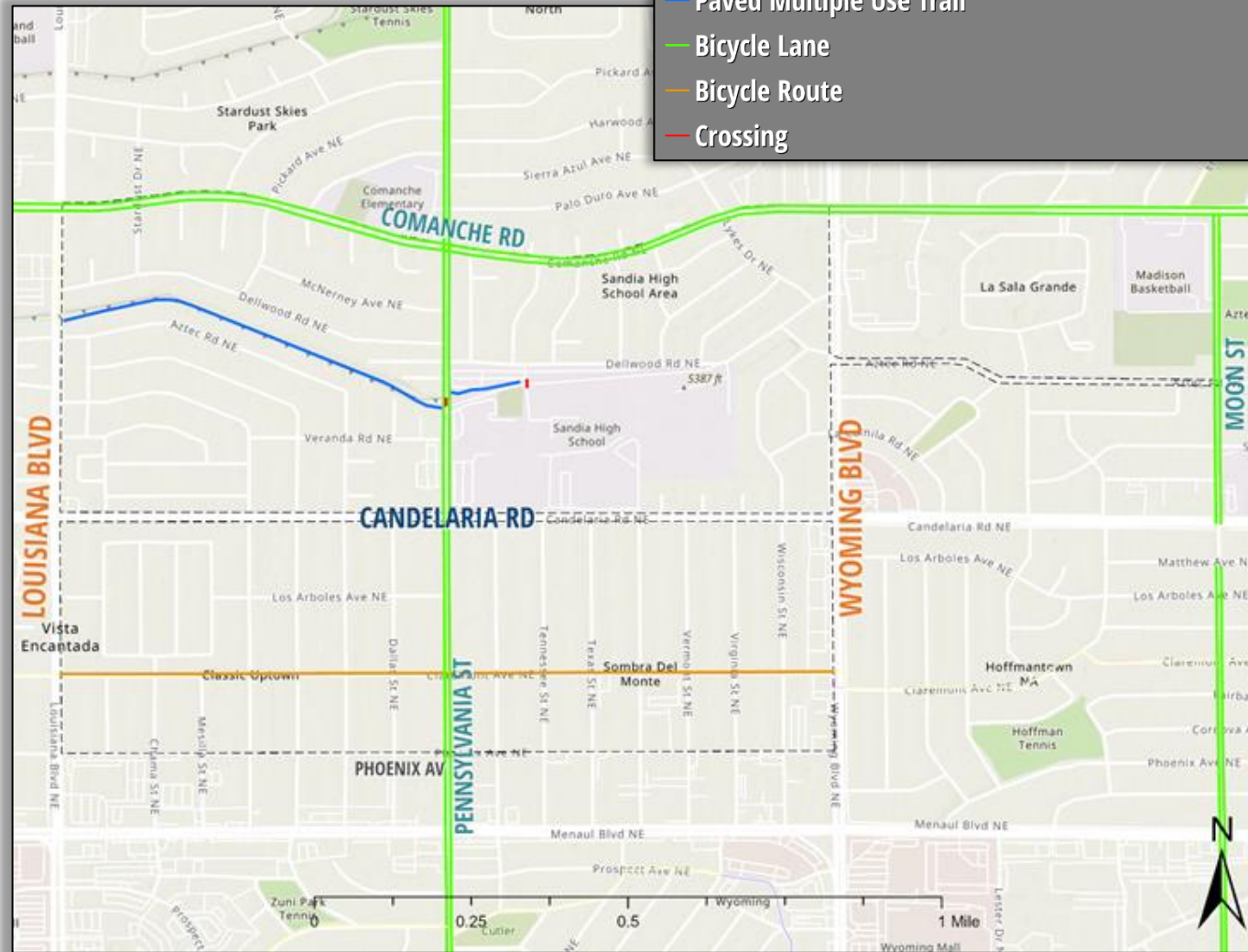


BICYCLE FACILITIES

Sandia HS Area Safety and Traffic Calming Study

Bicycle Facilities

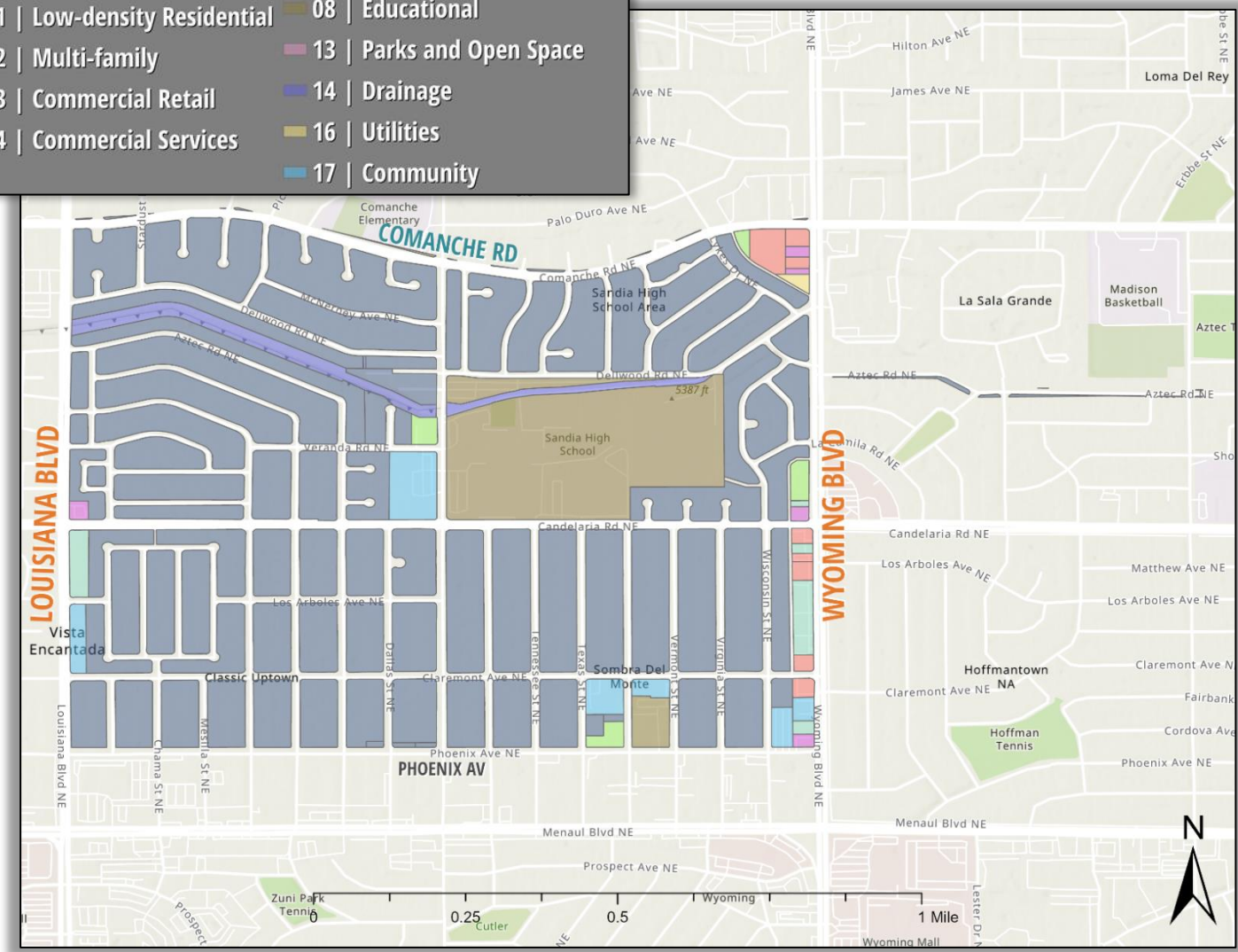
- Paved Multiple Use Trail
- Bicycle Lane
- Bicycle Route
- Crossing



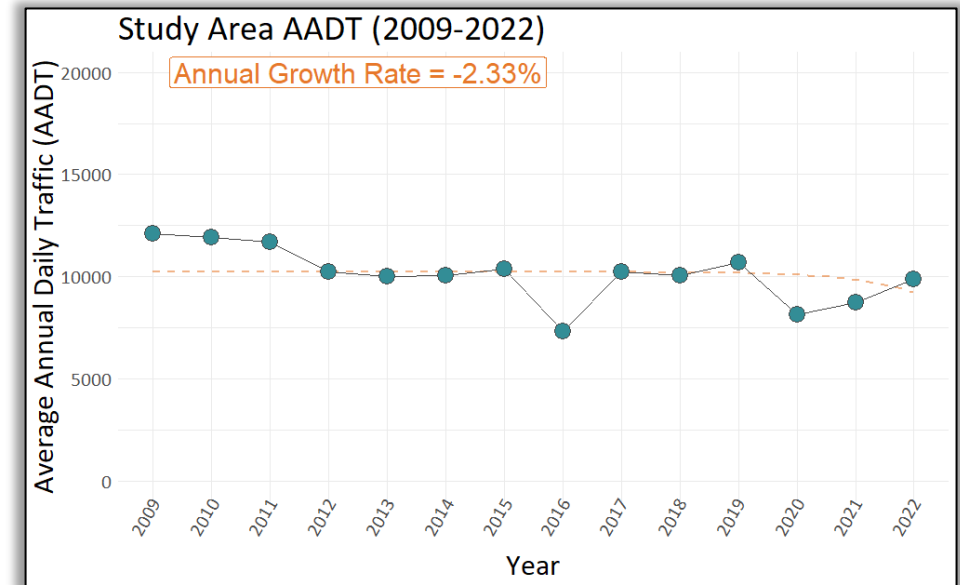
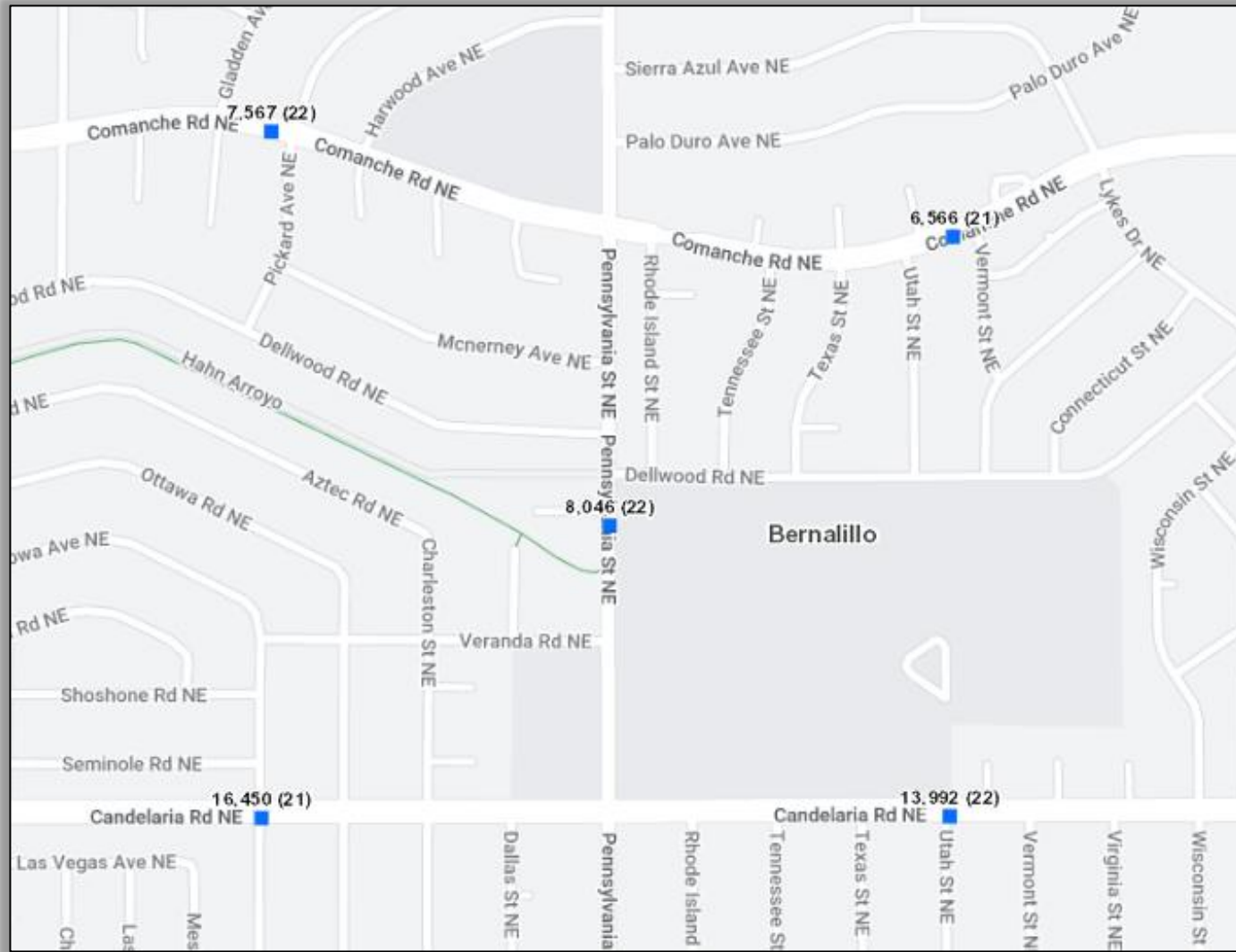
LAND USE

Sandia HS Area Safety and Traffic Calming Study

Land Use	
01 Low-density Residential	05 Office
02 Multi-family	08 Educational
03 Commercial Retail	13 Parks and Open Space
04 Commercial Services	14 Drainage
	16 Utilities
	17 Community

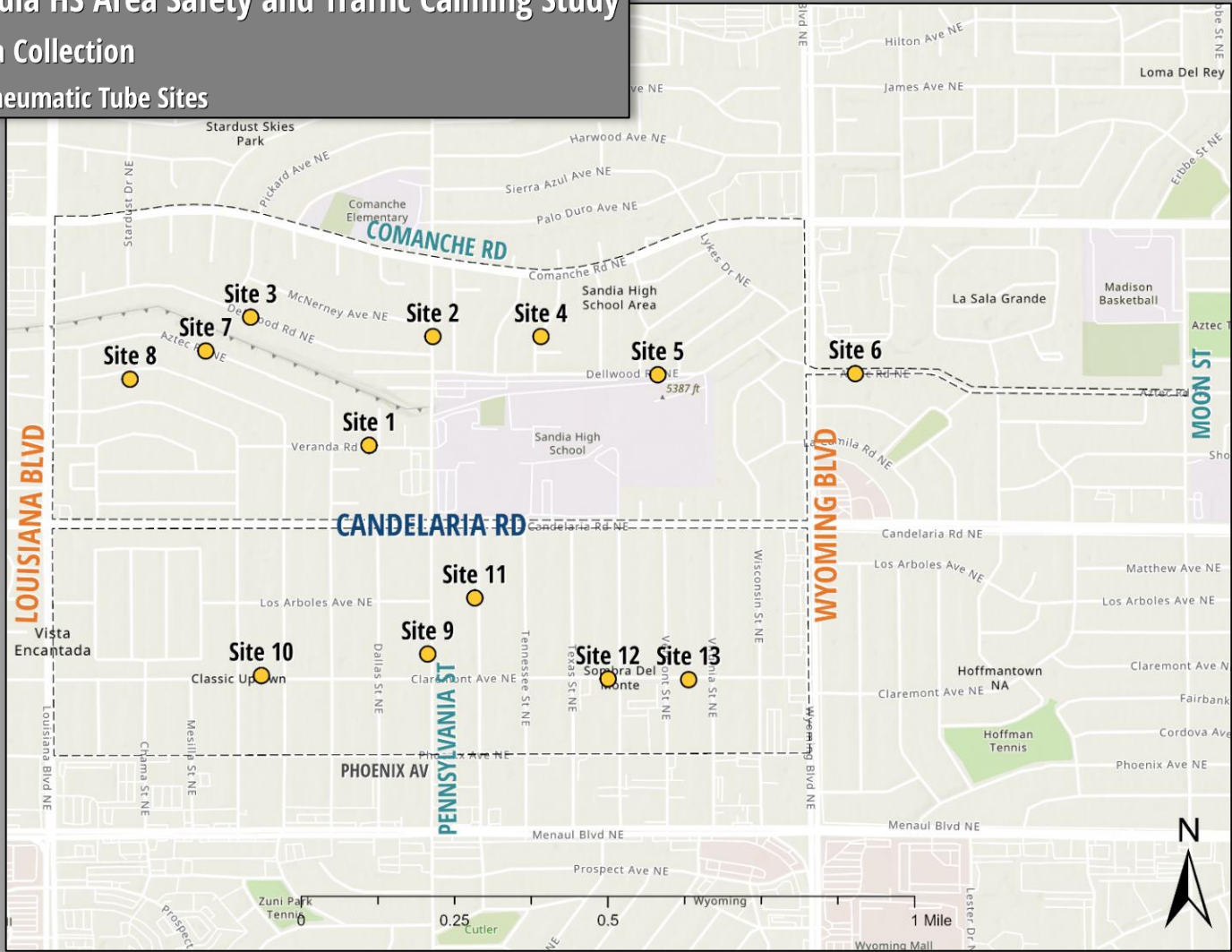


HISTORIC TRAFFIC VOLUMES



DATA COLLECTION

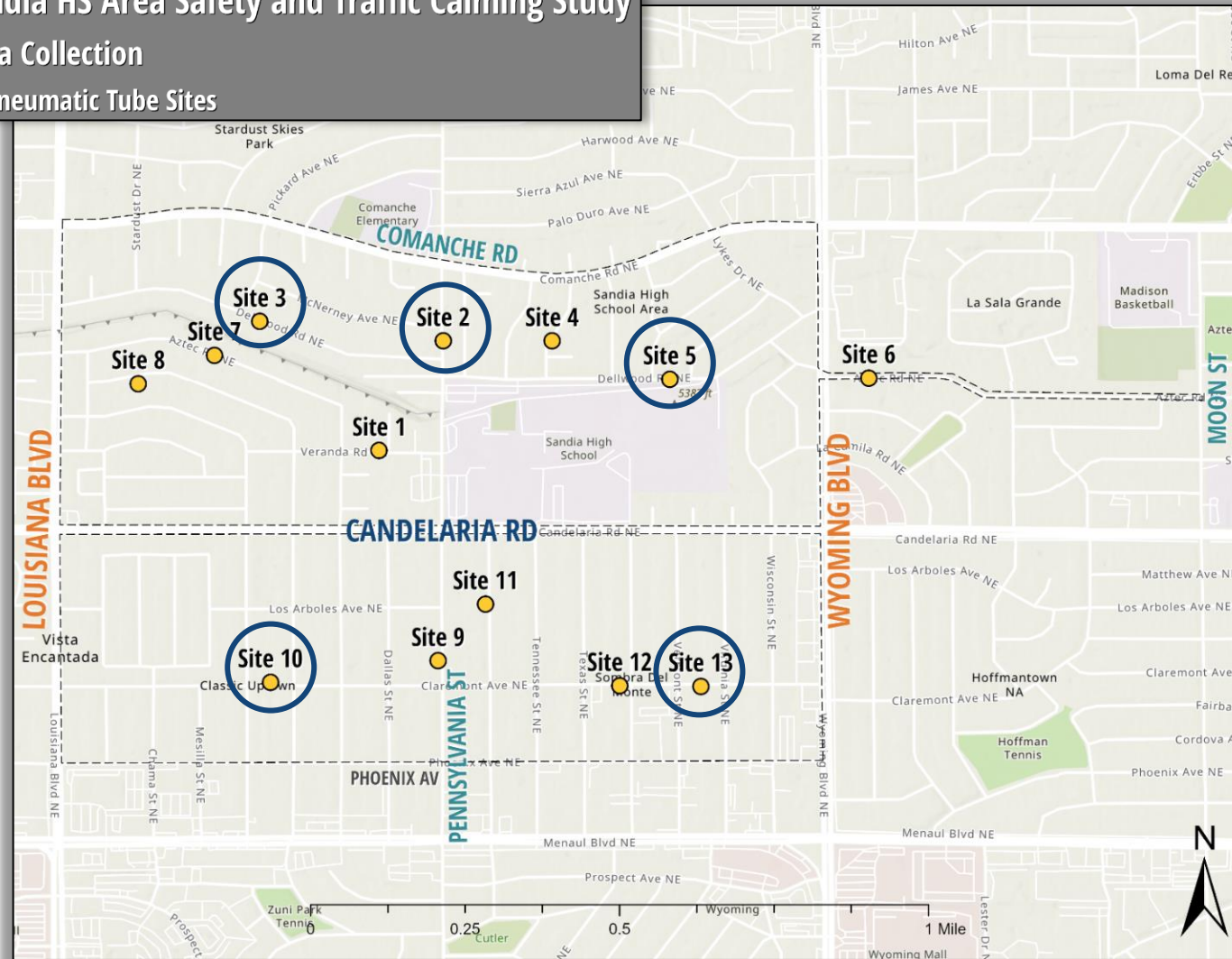
Sandia HS Area Safety and Traffic Calming Study
Data Collection
● Pneumatic Tube Sites



DISCUSSION SITES

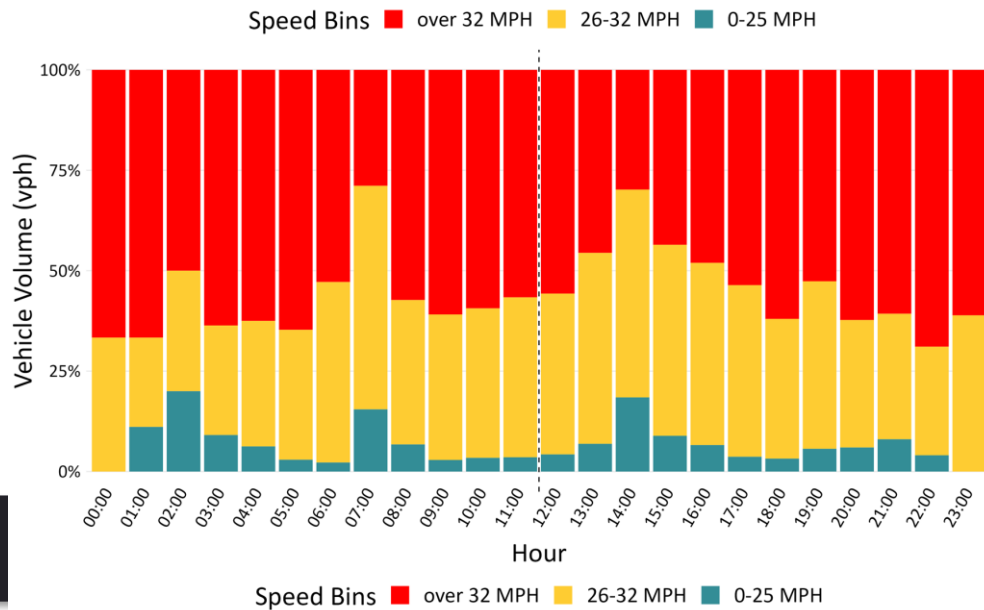
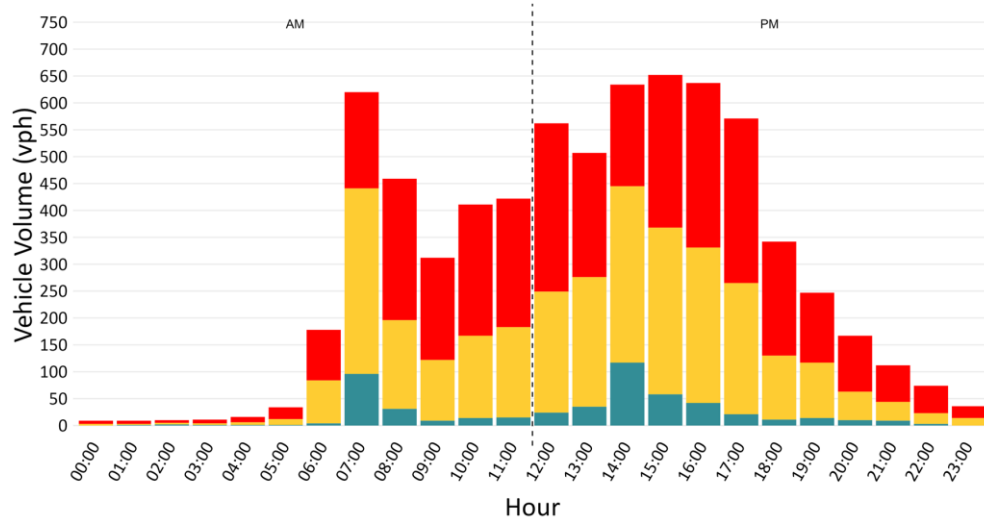
Sandia HS Area Safety and Traffic Calming Study Data Collection

- Pneumatic Tube Sites



VOLUMES AND SPEED COMPLIANCE

Pennsylvania St – North of Dellwood Rd



Sandia HS Area Safety and Traffic Calming Study

Average Daily Traffic

Vehicles Per Day

● 7000 - 7500

● 1000 - 1100

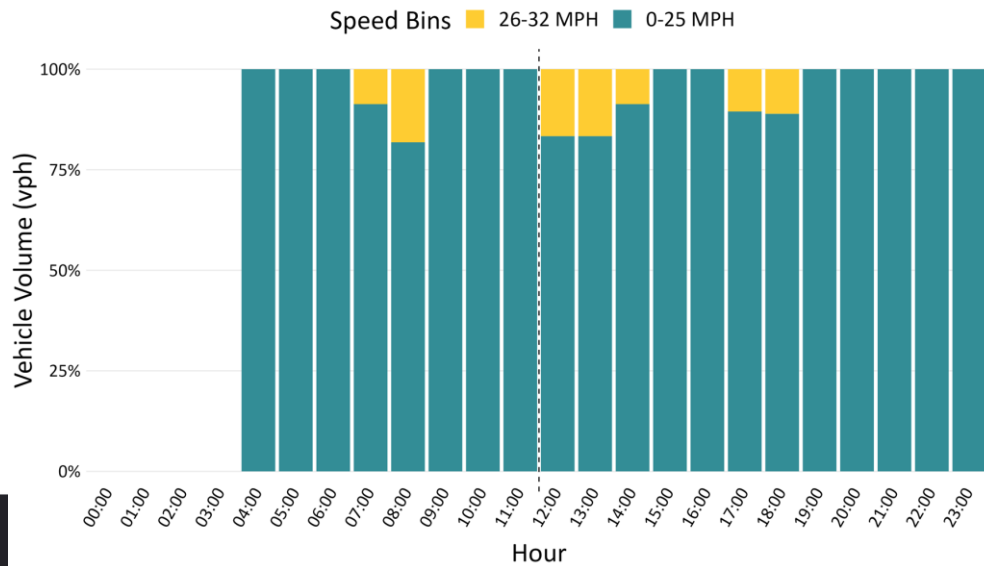
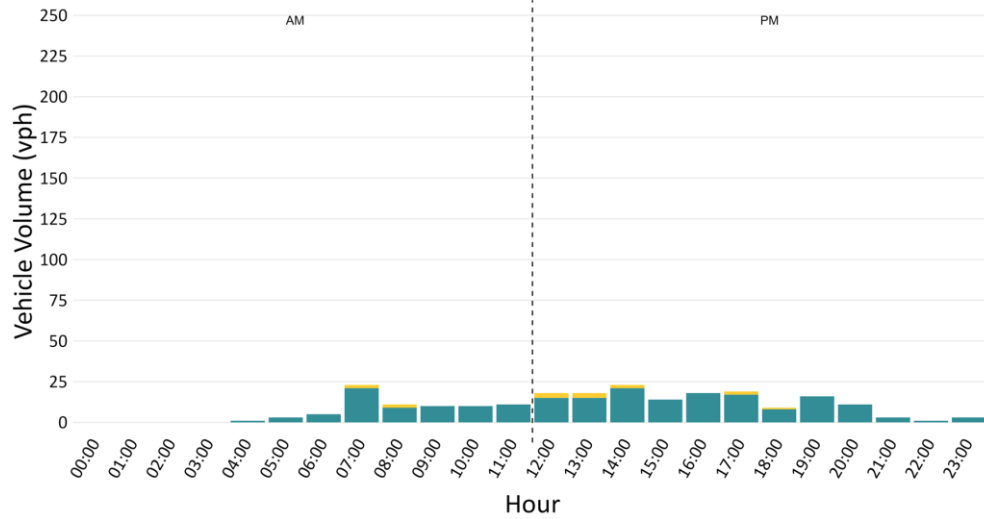
● 400 - 900

● 0 - 300



VOLUMES AND SPEED COMPLIANCE

Dellwood Rd - East of Pickard Ave



Sandia HS Area Safety and Traffic Calming Study

Average Daily Traffic

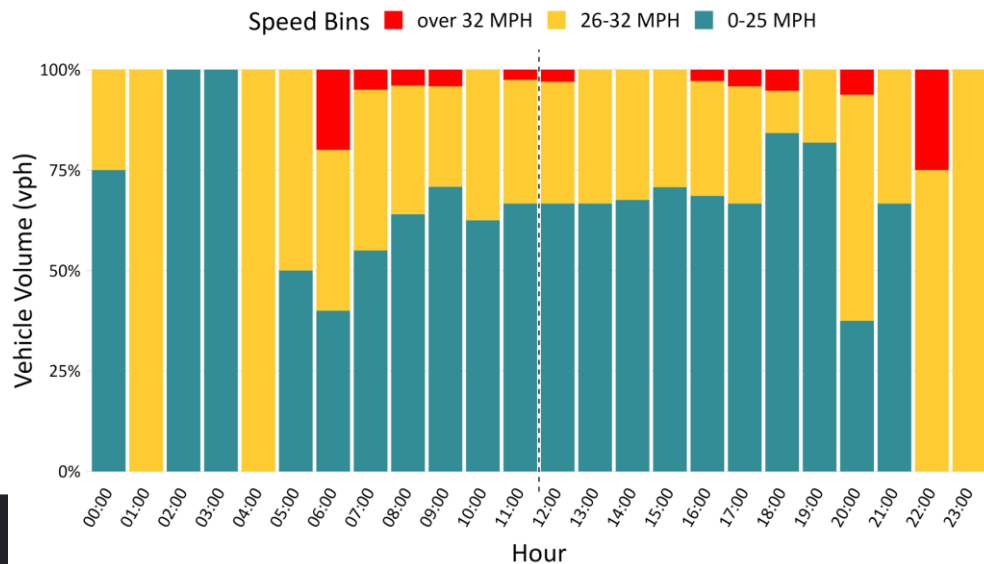
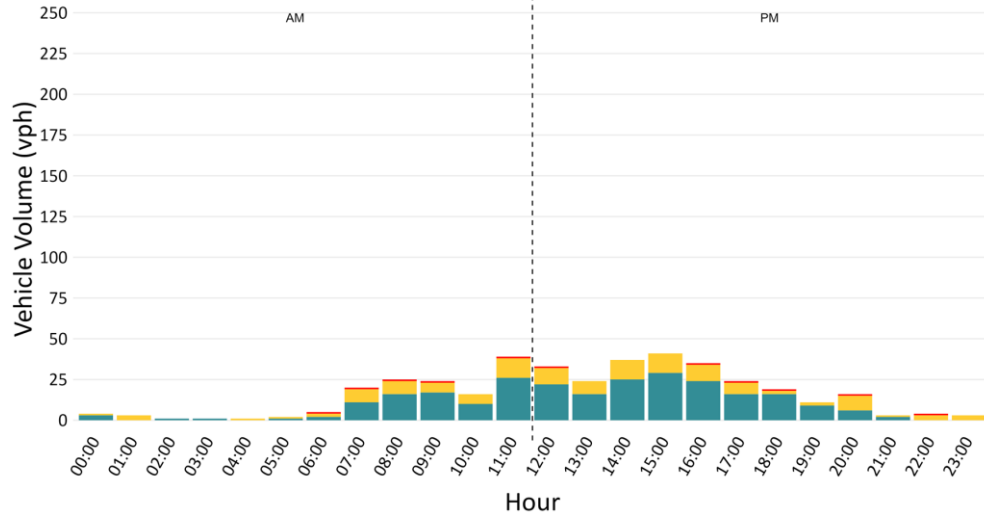
Vehicles Per Day

- 7000 - 7500
- 1000 - 1100
- 400 - 900
- 0 - 300



VOLUMES AND SPEED COMPLIANCE

Claremont Ave - East of Española St



Sandia HS Area Safety and Traffic Calming Study

Average Daily Traffic

Vehicles Per Day

● 7000 - 7500

● 1000 - 1100

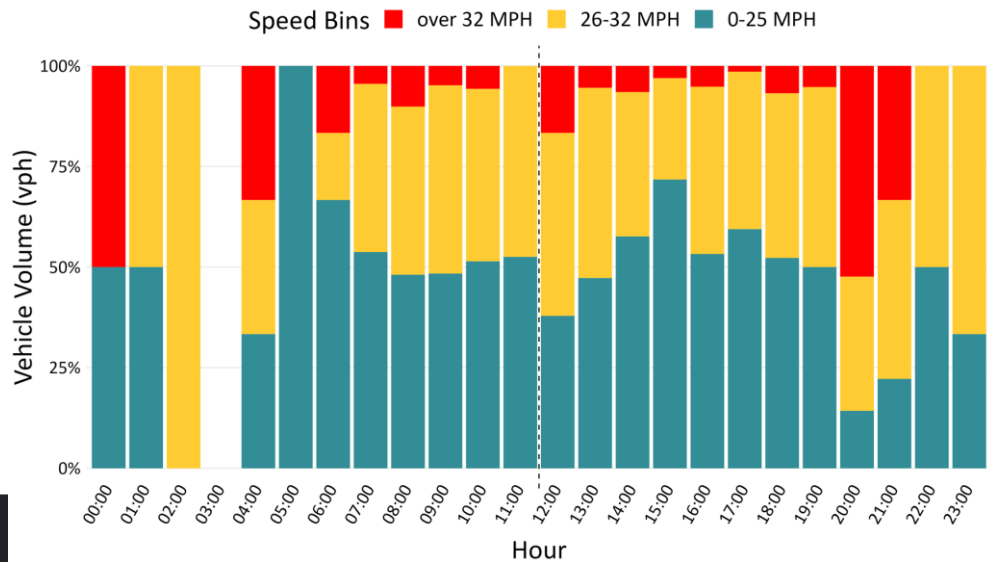
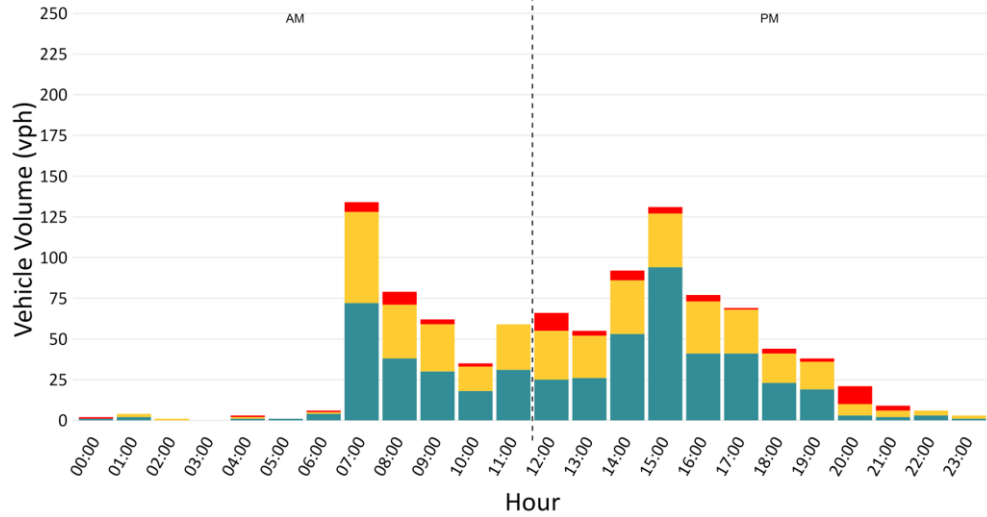
● 400 - 900

● 0 - 300



VOLUMES AND SPEED COMPLIANCE

Claremont Ave - West of Utah St



Sandia HS Area Safety and Traffic Calming Study

Average Daily Traffic

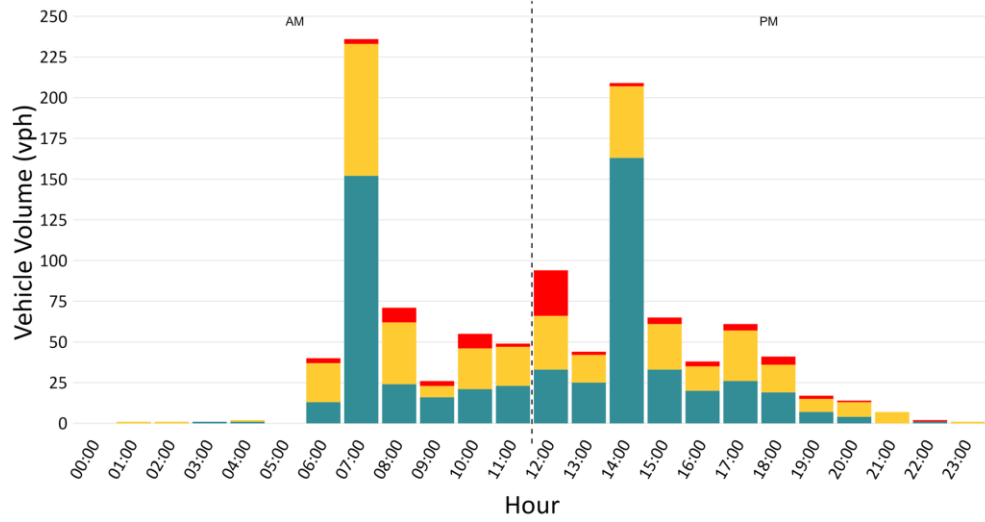
Vehicles Per Day

- 7000 - 7500
- 1000 - 1100
- 400 - 900
- 0 - 300

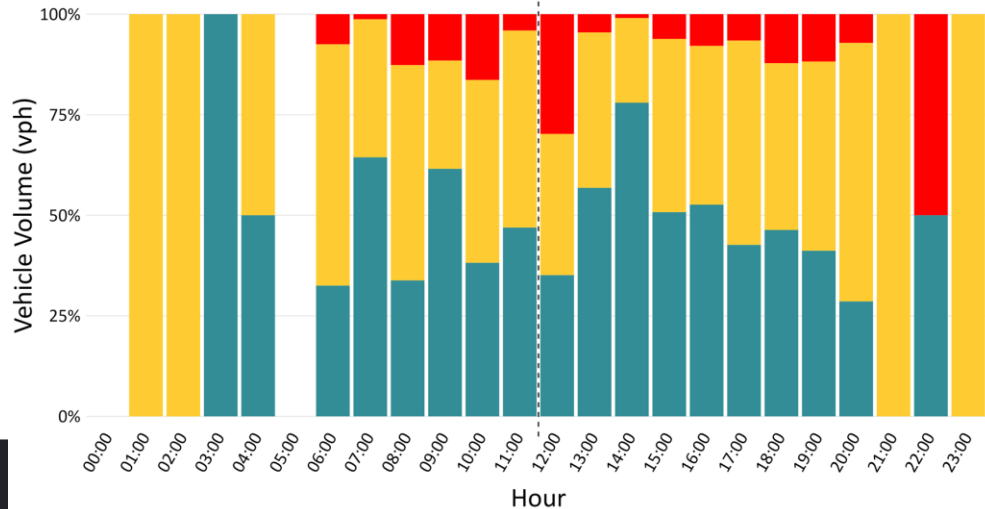


VOLUMES AND SPEED COMPLIANCE

Dellwood Rd - East of Vermont St



Speed Bins ■ over 32 MPH ■ 26-32 MPH ■ 0-25 MPH



Speed Bins ■ over 32 MPH ■ 26-32 MPH ■ 0-25 MPH

Sandia HS Area Safety and Traffic Calming Study

Average Daily Traffic

Vehicles Per Day

● 7000 - 7500

● 1000 - 1100

● 400 - 900

● 0 - 300



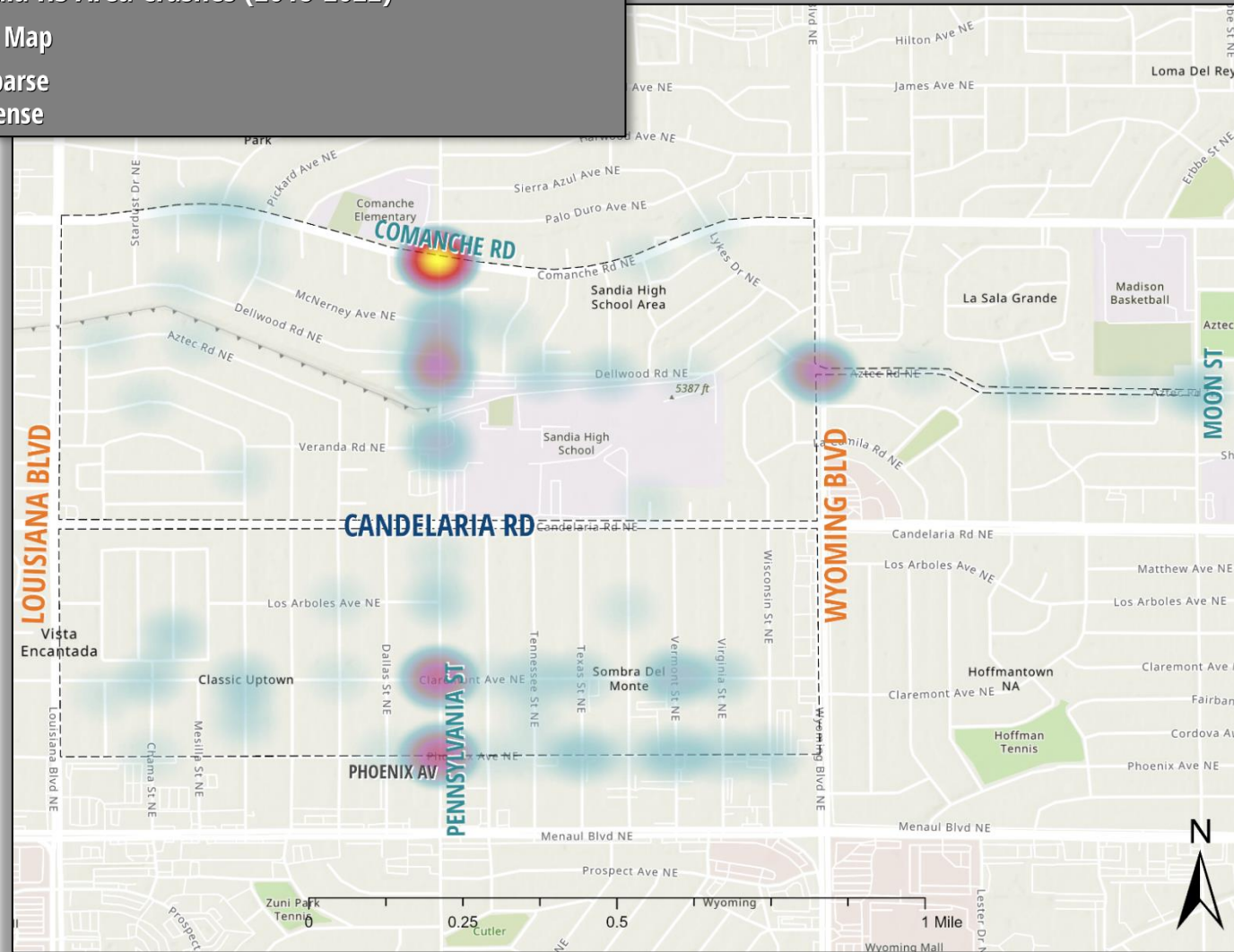
Sandia HS Area Safety and Traffic Calming Study

Sandia HS Area Crashes (2018-2022)

Heat Map



CRASH HEAT MAP (2018-2022)



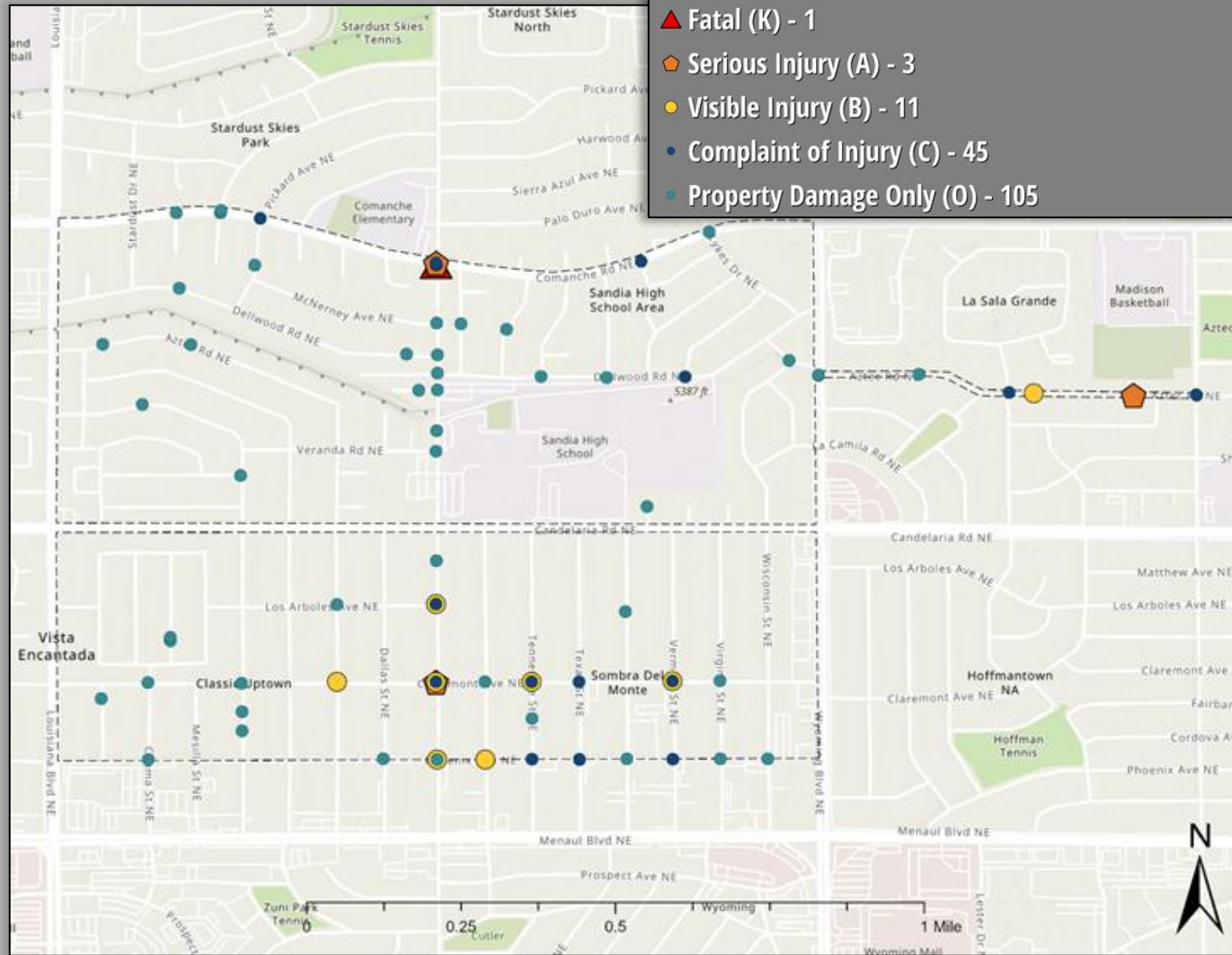
CRASH SEVERITY (2018-2022)

Sandia HS Area Safety and Traffic Calming Study

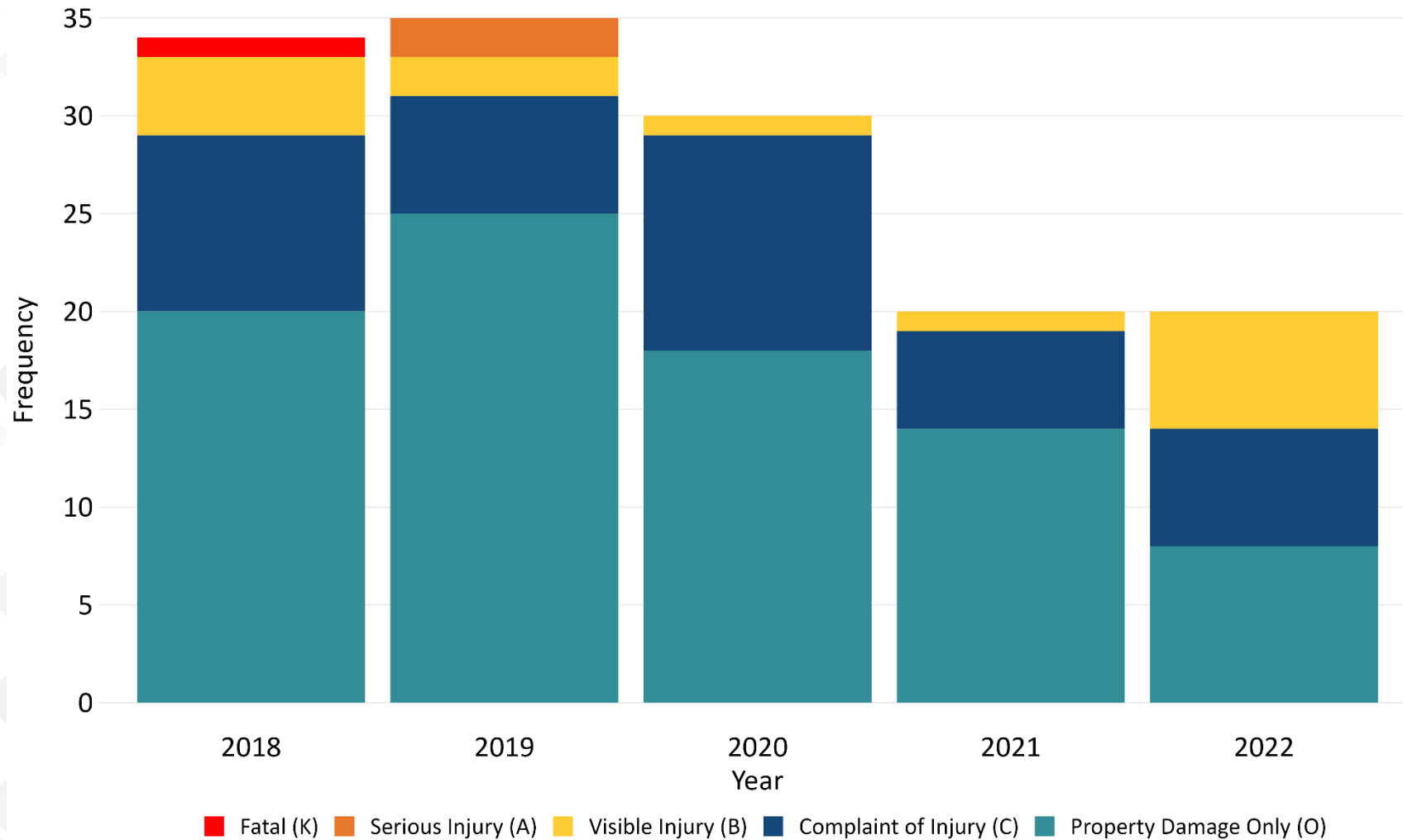
Sandia HS Area Crashes (2018-2022)

Severity

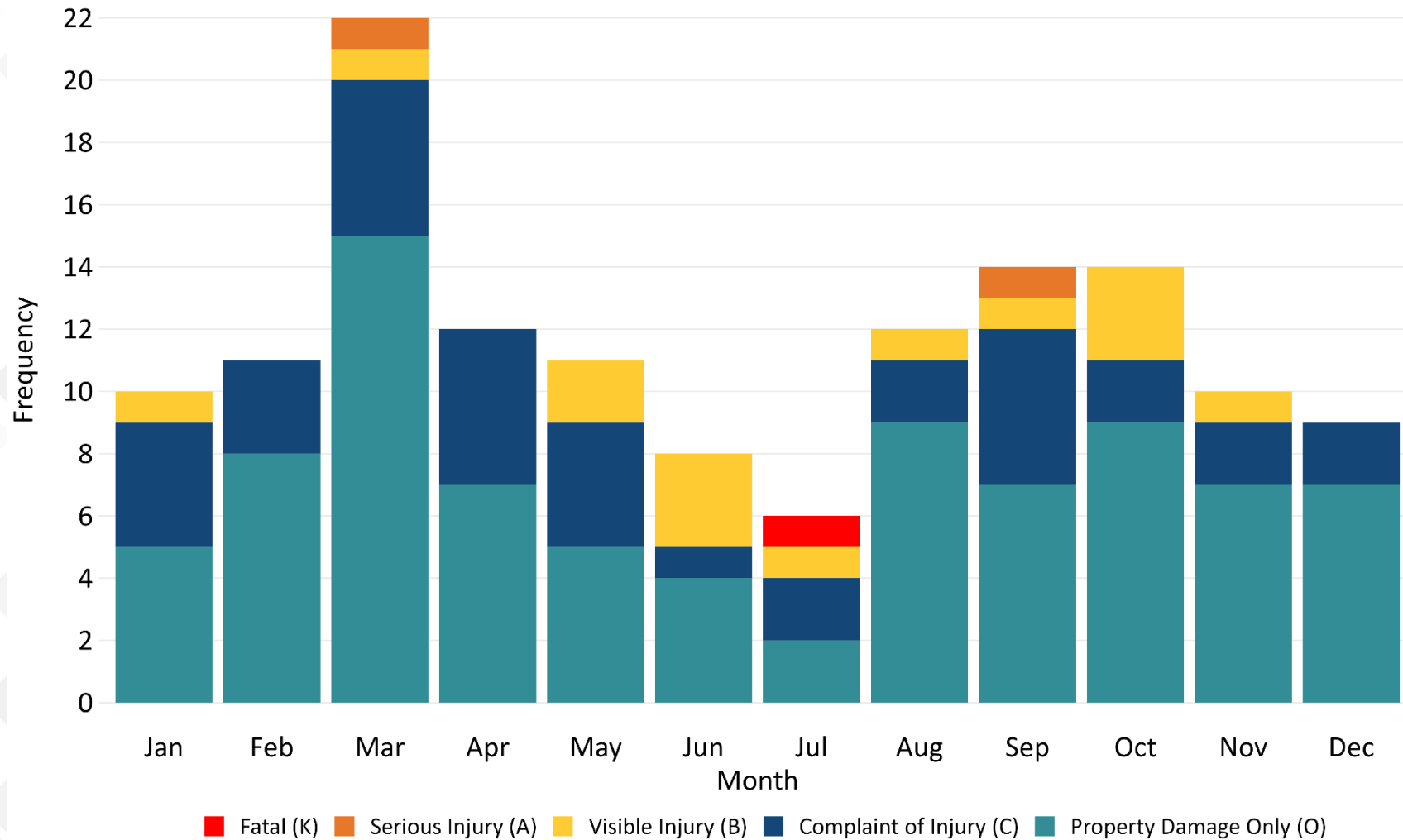
- ▲ Fatal (K) - 1
- ⬠ Serious Injury (A) - 3
- Visible Injury (B) - 11
- Complaint of Injury (C) - 45
- Property Damage Only (O) - 105



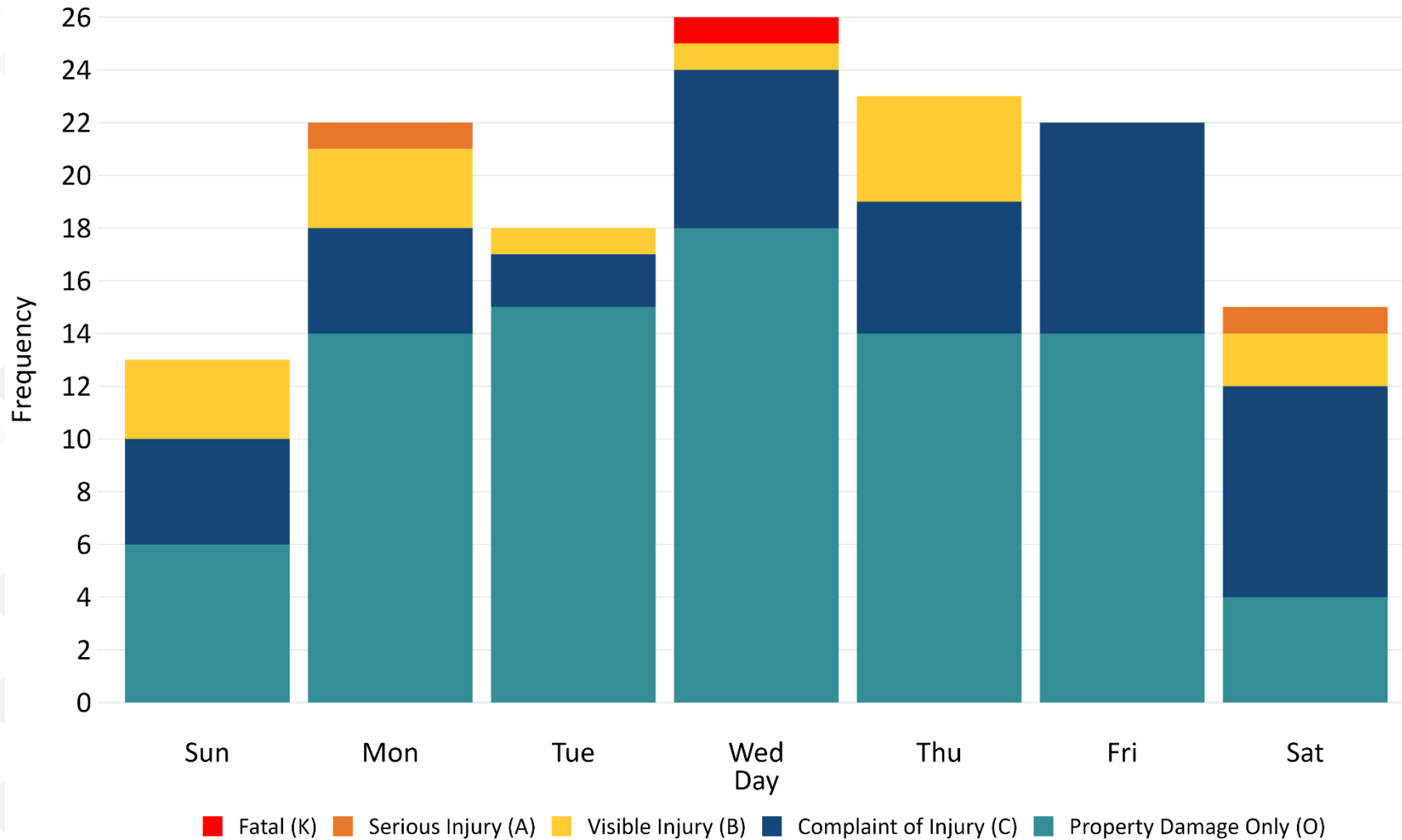
CRASH SEVERITY BY YEAR (2018-2022)



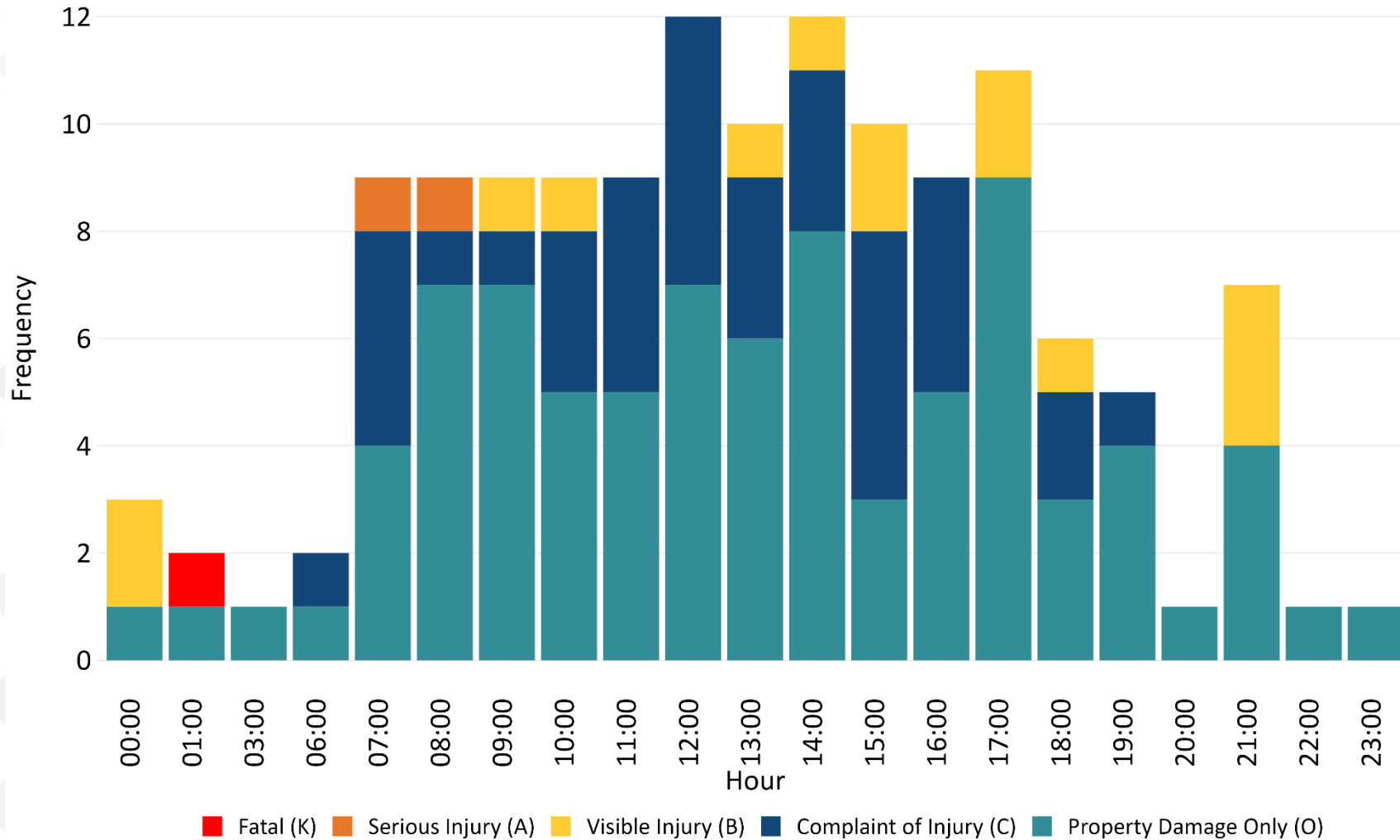
CRASH SEVERITY BY MONTH (2018-2022)



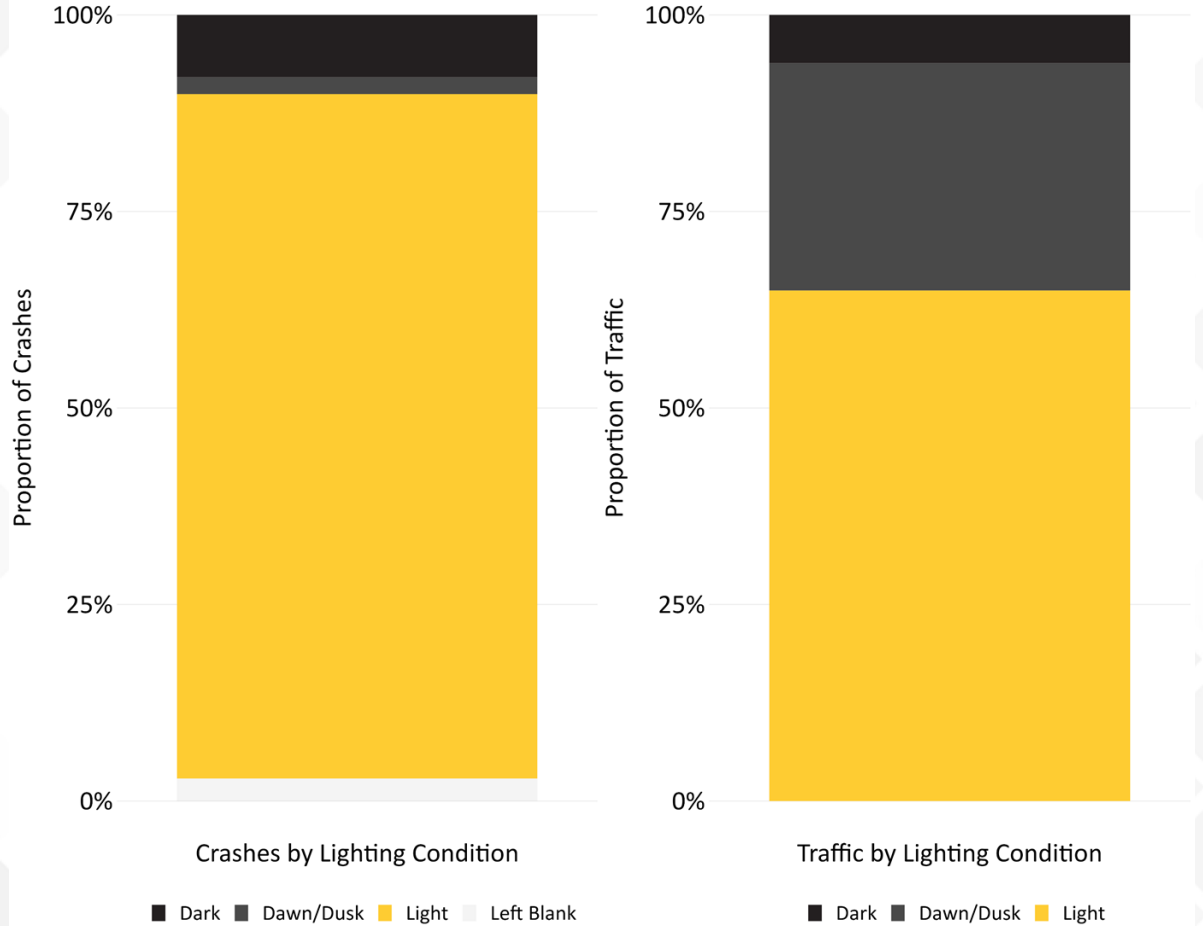
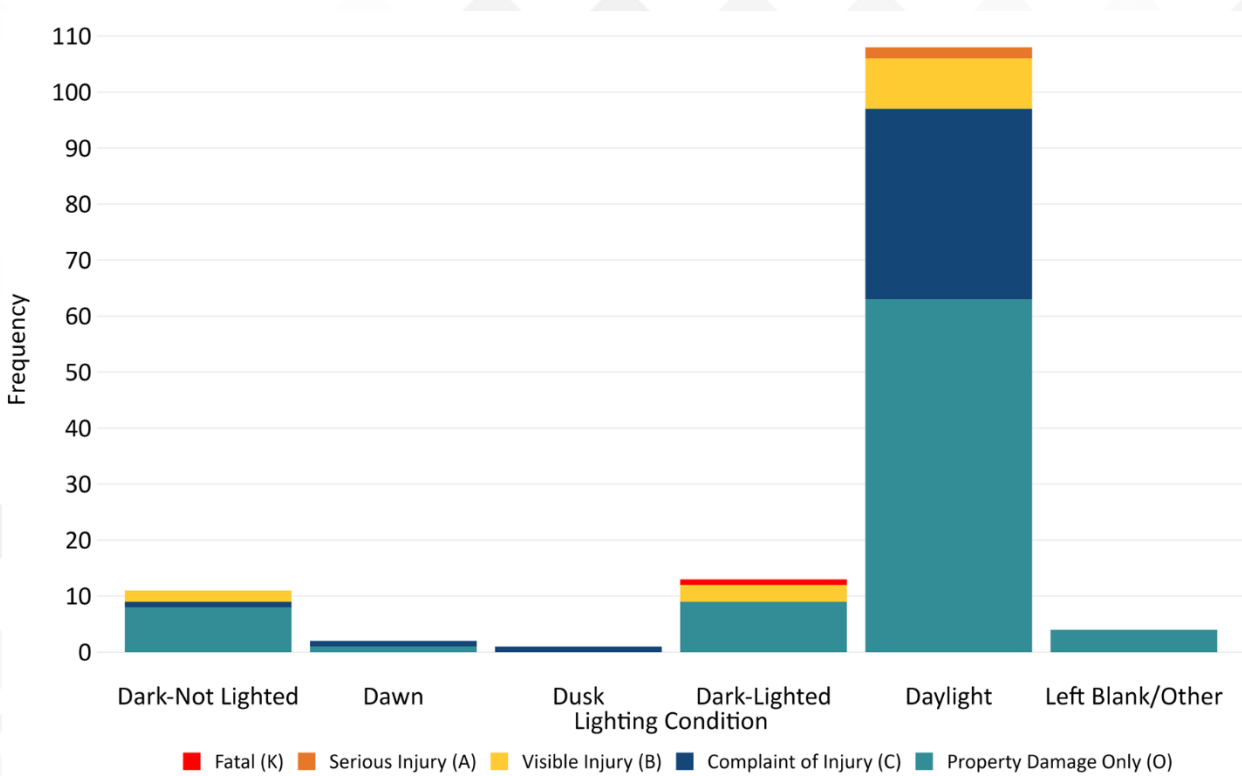
CRASH SEVERITY BY DAY (2018-2022)



CRASH SEVERITY BY HOUR (2018-2022)



CRASH SEVERITY BY LIGHT (2018-2022)



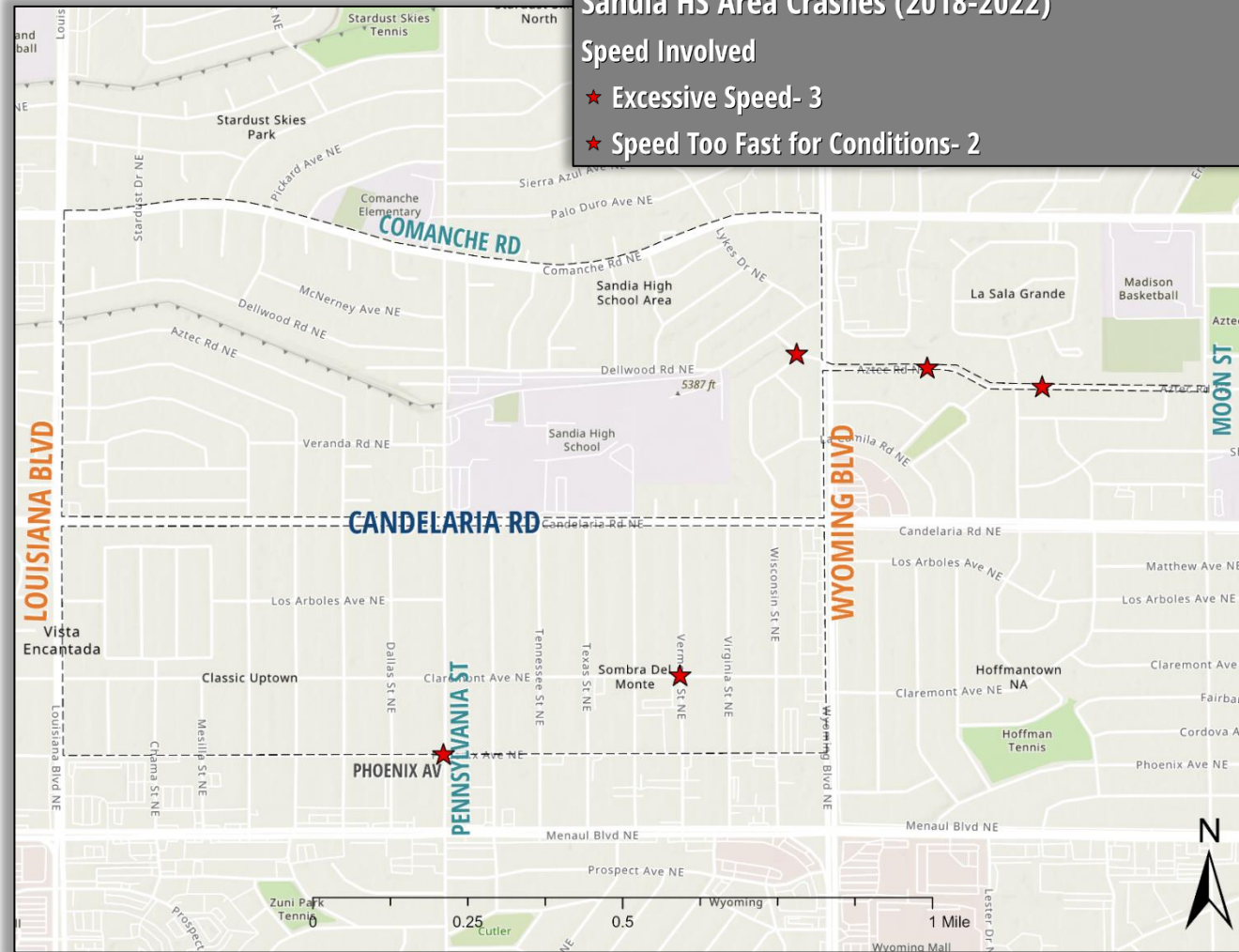
SPEED INVOLVEMENT

Sandia HS Area Safety and Traffic Calming Study

Sandia HS Area Crashes (2018-2022)

Speed Involved




- ★ Excessive Speed- 3
- ★ Speed Too Fast for Conditions- 2

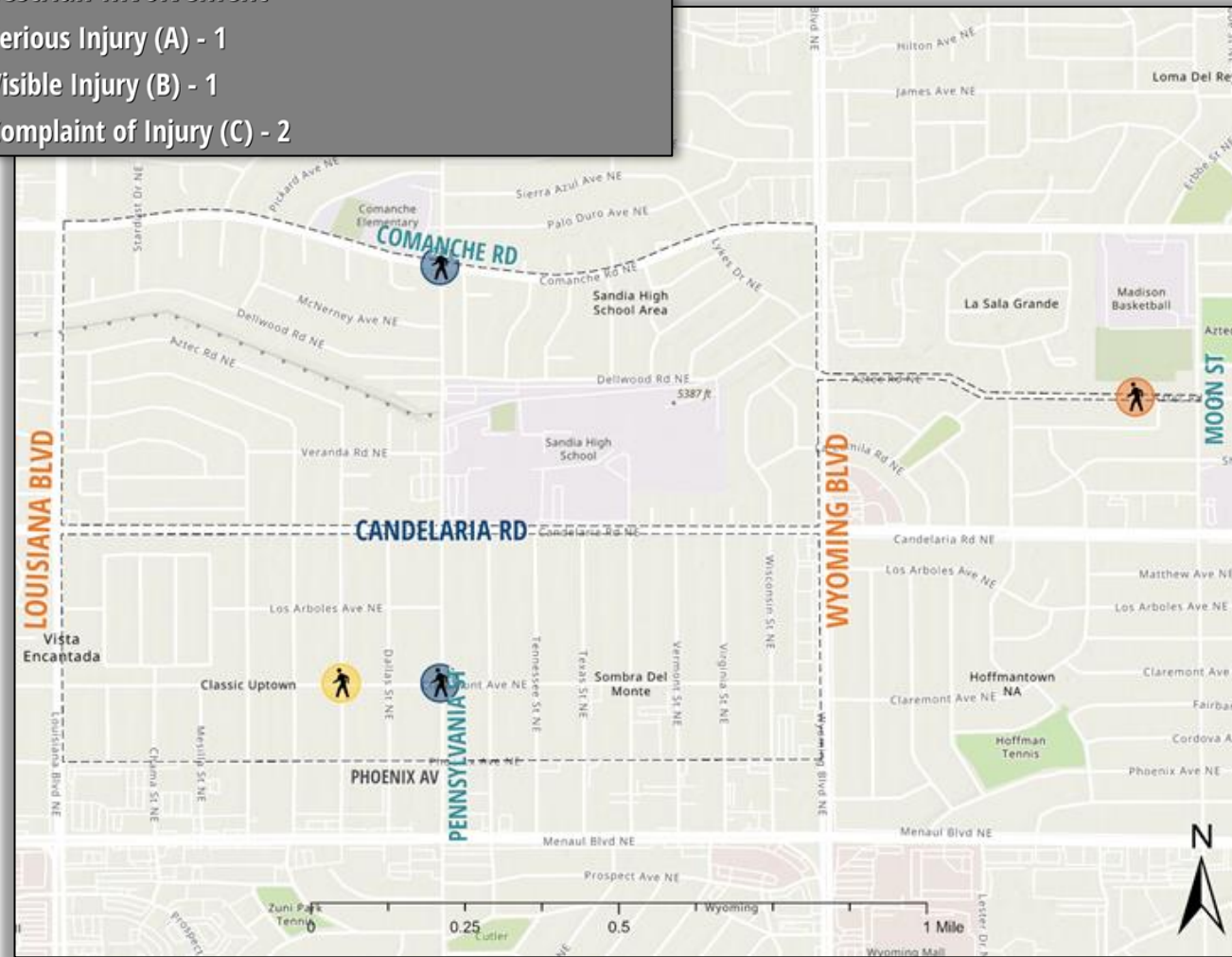


PEDESTRIAN INVOLVEMENT

Sandia HS Area Safety and Traffic Calming Study


Pedestrian Involvement

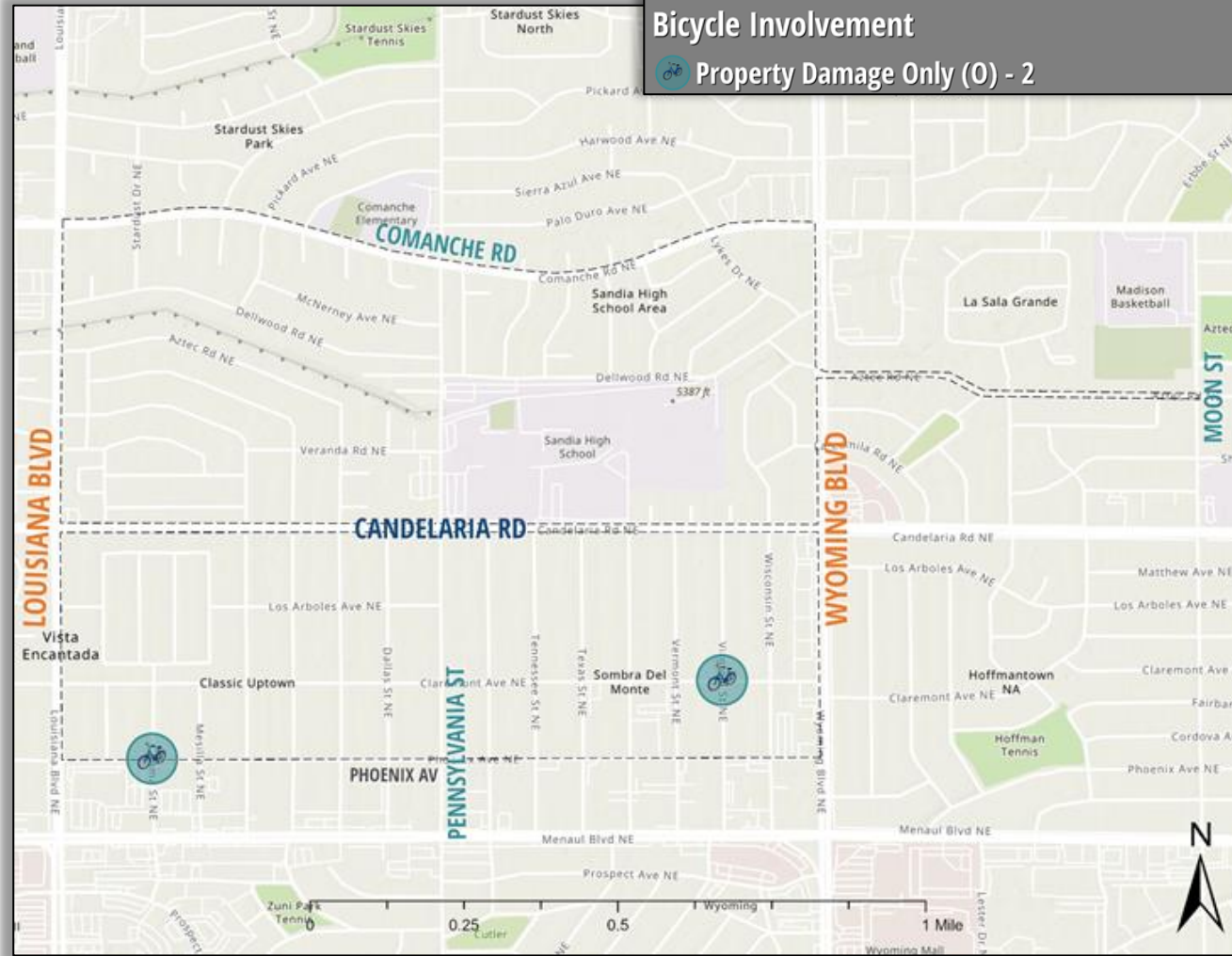
-  Serious Injury (A) - 1
-  Visible Injury (B) - 1
-  Complaint of Injury (C) - 2



BICYCLE INVOLVEMENT

Sandia HS Area Safety and Traffic Calming Study Bicycle Involvement

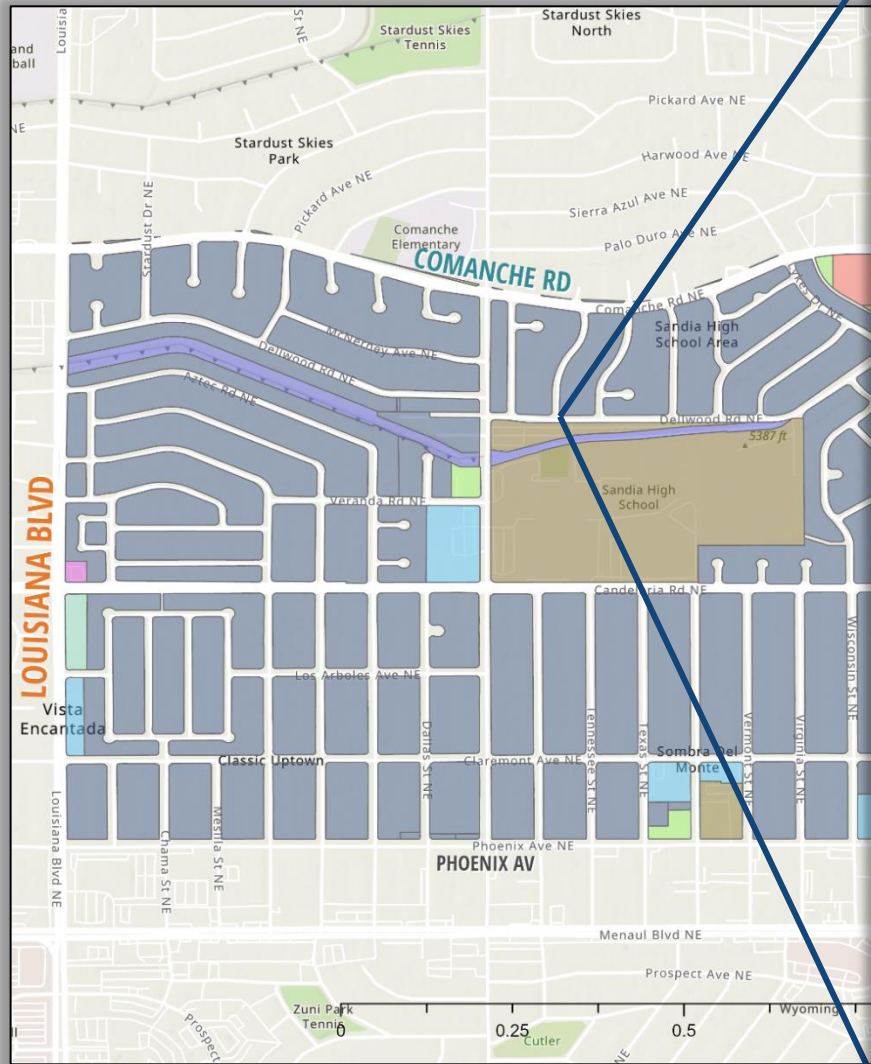
 Property Damage Only (0) - 2



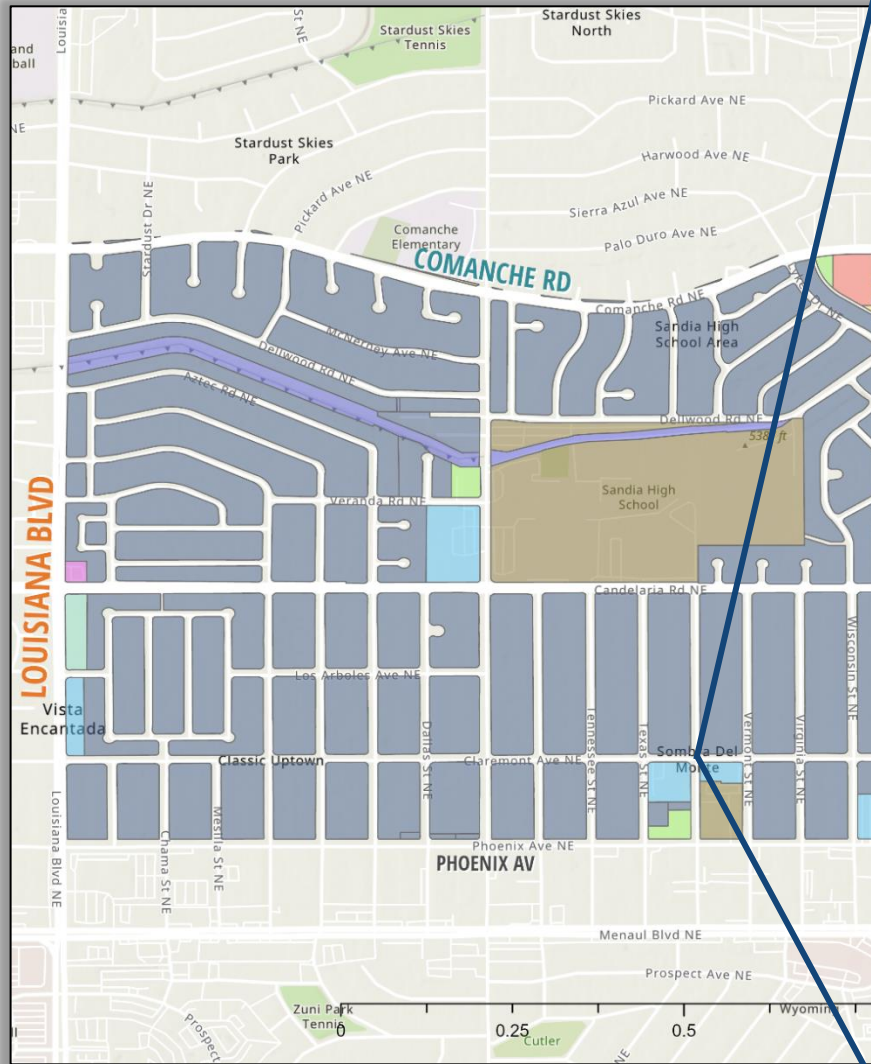
On-Street Parking



On-Street Parking



On-Street Parking



Community Provided Photo

THANK YOU

QUESTIONS?



Stephen Montaña smontano@lee-eng.com