

City of Prescott

City Council - Study Session



June 24, 2025 | 1:00 PM
201 N Montezuma Street
City Council Chambers
Prescott, AZ 86301

AGENDA

The following Agenda will be considered by the **Prescott City Council** at its **Study Session** pursuant to the Prescott City Charter, Article II, Section 13. Notice of the meeting is given pursuant to Arizona Revised Statutes, Section 38-431.02. One or more members of the Council may be attending the meeting through the use of a technological device.

Viewing & Participation

This meeting may be viewed on Channel 64, Facebook Live or on the City's website: [City of Prescott Live Meeting Feed](#)

Public comments for Council may be submitted through the City website: [Public Comment Form](#)

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **DISCUSSION**
 - A. Presentation & Discussion Regarding the Willis Street Traffic and Warrant Study.
4. **ADJOURNMENT**

Upon a public majority vote of a quorum of the City Council, the Council may hold an executive session, which will not be open to the public, regarding any item listed on the agenda but only for the following purposes:

- (1) Discussion or consideration of personnel matters (A.R.S. §38-431.03(A)(1));
- (2) Discussion or consideration of records exempt by law (A.R.S. §38-431.03(A)(2));
- (3) Discussion or consultation for legal advice with the city's attorneys (A.R.S. §38-431.03(A)(3));
- (4) Discussion or consultation with the city's attorneys regarding the city's position regarding contracts that are the subject of negotiations, in pending or contemplated litigation, or in settlement discussions conducted in order to avoid litigation (A.R.S. § 38-431.03(A)(4));
- (5) Discussion or consultation with designated representatives of the city to consider its position and instruct its representatives regarding negotiations with employee organizations (A.R.S. §38-431.03(A)(5));

- (6) Discussion, consultation or consideration for negotiations by the city or its designated representatives with members of a tribal council, or its designated representatives, of an Indian reservation located within or adjacent to the city (A.R.S. §38-431.03(A)(6));
- (7) Discussion or consultation with designated representatives of the city to consider its position and instruct its representatives regarding negotiations for the purchase, sale or lease of real property (A.R.S. §38-431.03(A)(7)).

CERTIFICATION OF POSTING OF NOTICE

The undersigned hereby certifies that a copy of the foregoing notice was duly posted at Prescott City Hall on 6/19/25 at 12:00 p.m. in accordance with the statement filed by the Prescott City Council with the City Clerk.

Sarah M. Siep

Sarah M. Siep, City Clerk



TO: MAYOR AND CITY COUNCIL
AGENDA: June 24 Study Session
DATE: June 24, 2025
DEPT: Public Works
ITEM #: 3.A
SUBJECT: Presentation & Discussion Regarding the Willis Street Traffic and Warrant Study.

ITEM SUMMARY

This item is for staff to provide a presentation regarding the Willis Street Traffic and Warrant Study finding and recommendations.

BACKGROUND

On November 15, 2024 the city approved Task Order No. 1 of City contract 2024-005 to have Burgess and Niple Inc., a city on-call traffic engineering firm, conduct the Willis Street Traffic and Warrant Study.

This project aimed to evaluate the section of Willis Street between Montezuma and McCormick for vehicle and pedestrian operations and to conduct Multi-Way Stop/Signal Warrant analyses and prepare a final report with recommendations for the corridor. Specifically, the study included the following areas and intersections.

- The roadway segment of Willis Street between Montezuma Street and McCormick Street
- Willis Street @ Granite Street Intersection (signal and multi-way stop)
- Willis Street @ McCormick Street Intersection (multi-way stop only)
- Willis Street @ Granite Creek Greenways Trail at grade crossing

Now that the report is complete, the Study Session presentation by the consultant and staff will include the background and purpose, findings, recommendations and next steps.

FINANCIAL IMPACT

There is no fiscal impact associated with this item at this time.

RECOMMENDED ACTION

This item is for discussion only. No formal action will be taken.

ATTACHMENTS

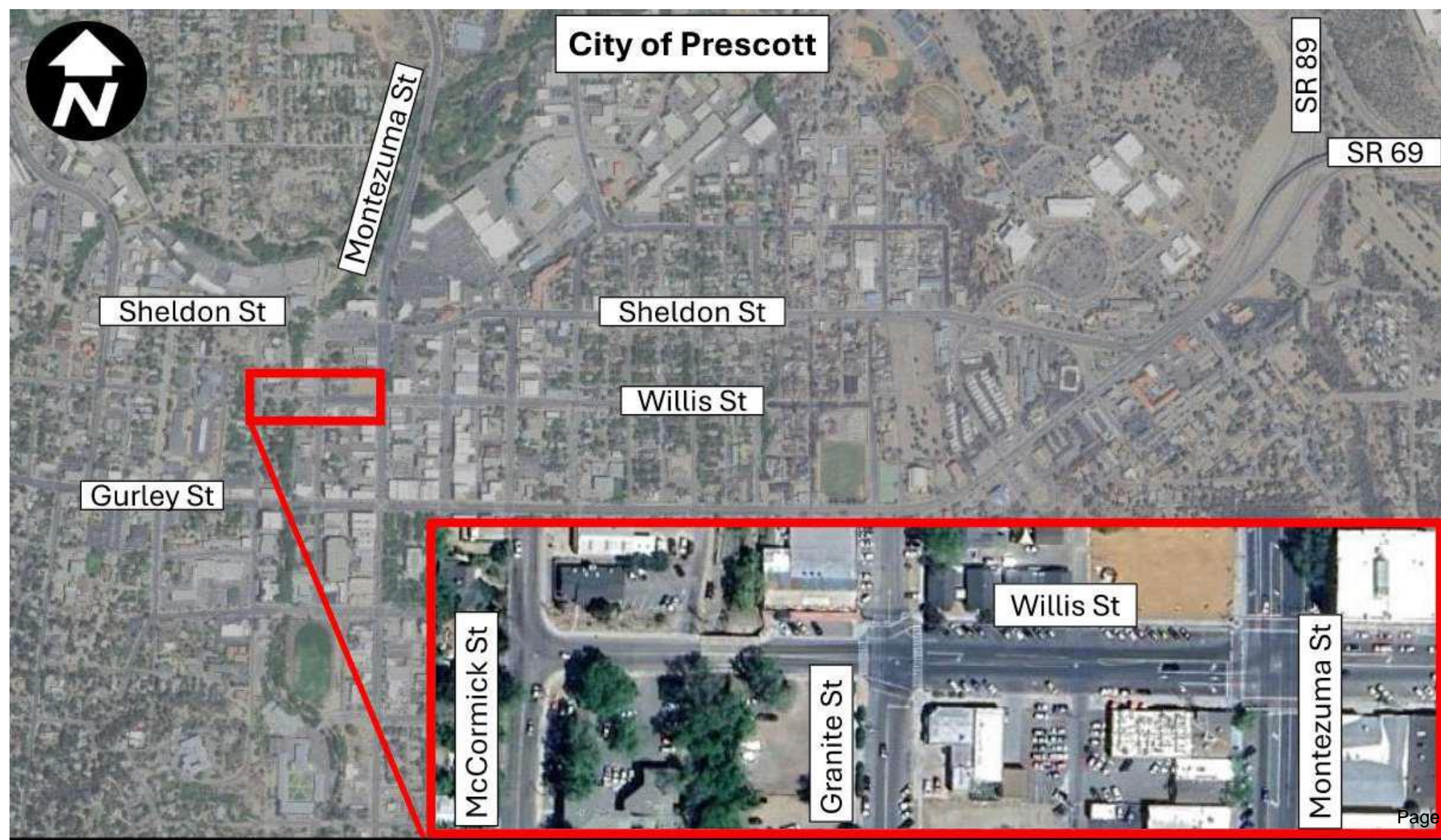
1. Willis Street Traffic and Warrant Study Final Presentation

Willis Street Traffic and Warrant Study

June 24, 2025



Background

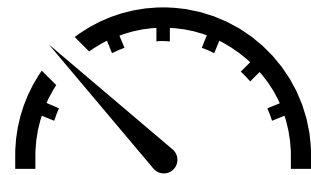


Data Collection

Tuesday, December 17th, 2024



ADT = 7,136



85% = 25mph

1% > 35mph

2019-2023 (5 Years)

- 28 total crashes
 - 80% no injury / 0 Fatal Crashes
 - 57% angle or left-turn



All-Way Stop Control Warrant Analysis

Warrant	Applicable to Study Intersections?	Warrant Met?	
		Willis St & Granite St	Willis St & McCormick St
Warrant A: Crash Experience	Yes	No	No
Warrant B: Sight Distance	Yes	Yes	No
Warrant C: Transition to Signal or Yield Control	Yes	No	No
Warrant D: 8-Hour Volume	Yes	No	No
Warrant E: Other Factors	Yes	Yes	No

- AWSC warranted at Willis St & Granite St
- AWSC not warranted at Willis St & McCormick St

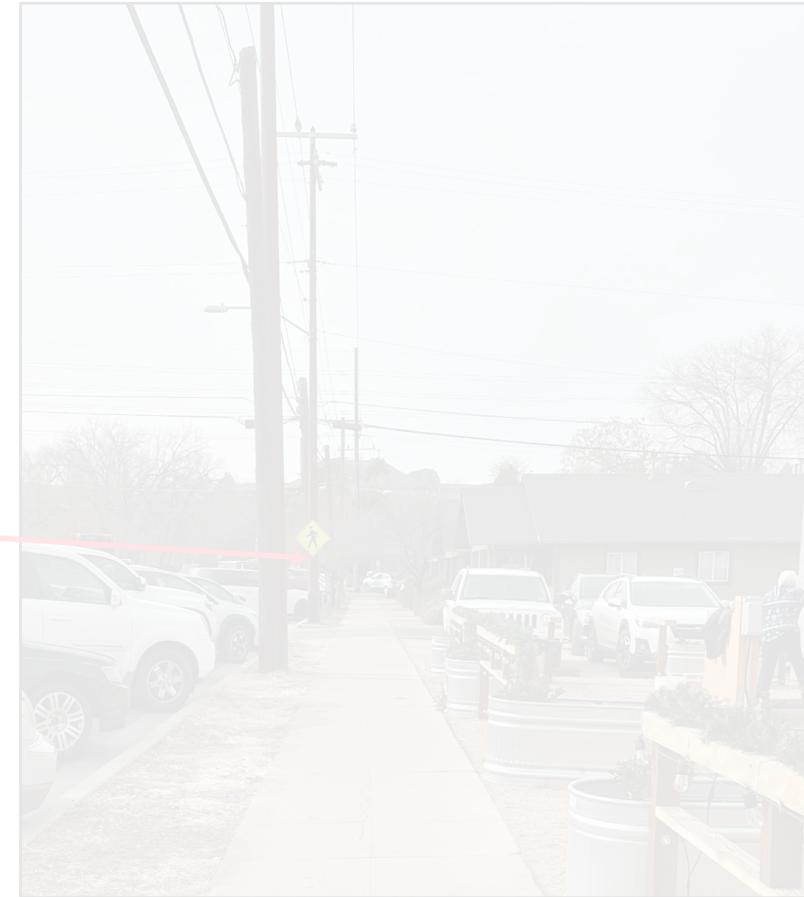
Traffic Signal Warrant Analysis

Warrant	Applicable to Study Intersection?	Warrant Met? (Willis St & Granite St)
Warrant 1, Eight-Hour Vehicular Volume	Yes	No
Warrant 2, Four-Hour Vehicular Volume	Yes	No
Warrant 3, Peak Hour	No	-
Warrant 4, Pedestrian Volume	Yes	No
Warrant 5, School Crossing	No	-
Warrant 6, Coordinated Signal System	No	-
Warrant 7: Crash Experience	Yes	No
Warrant 8: Roadway Network	No	-
Warrant 9: Intersection Near a Grade Crossing	No	-

Traffic signal not warranted at Willis St & Granite St

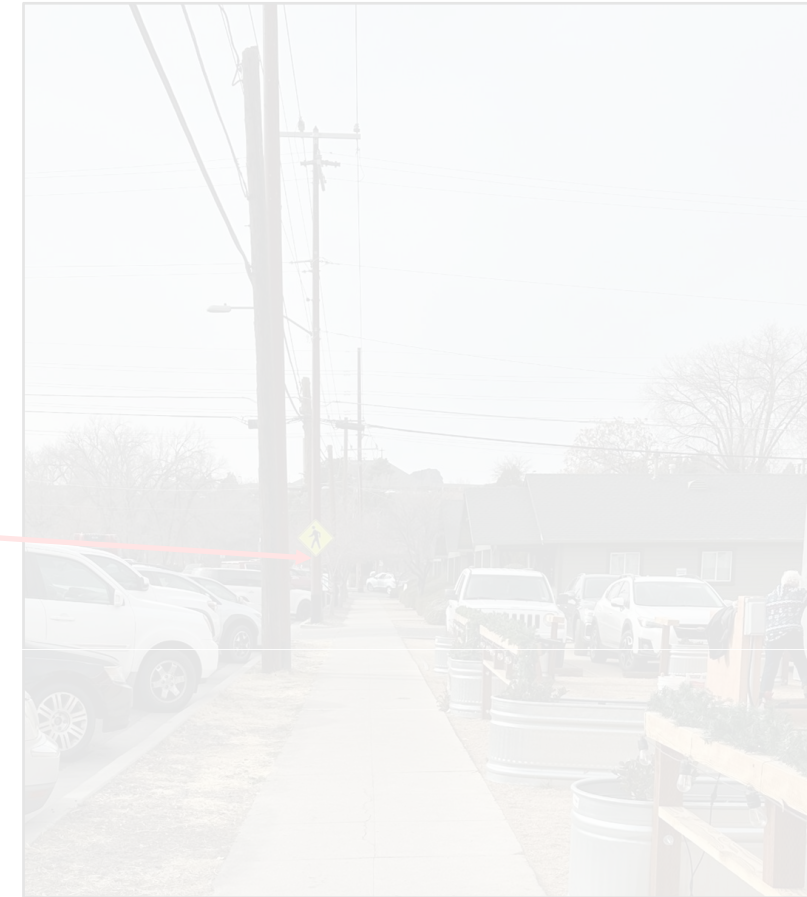
Corridor Observations & Recommendations

- Refresh pavement markings
- Maintain vegetation
- Signage
 - Speed limit
 - Bike route
 - Pedestrian “Ahead” plaque



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McCormick Street Intersection Observations and Recommendations



Recommendation:
Install truncated domes



Recommendation:
Relocate sign

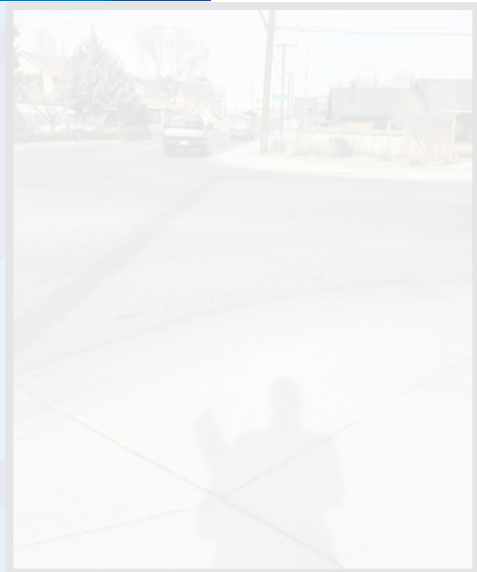


Recommendation:
Relocate sign

McCormick Street Intersection Observations and Recommendations



Recommendation:
Relocate sign

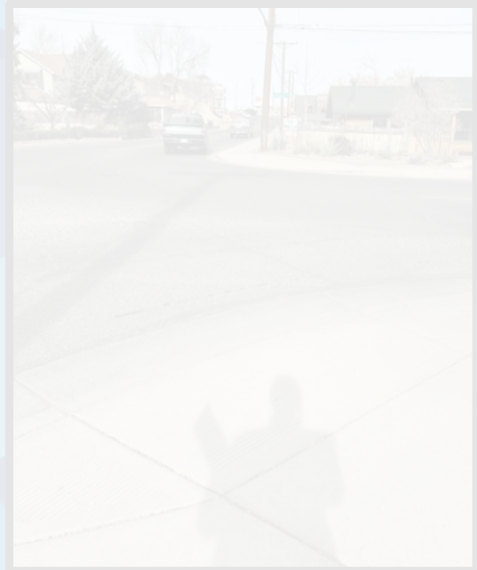


Recommendation:
Install truncated domes



Recommendation:
Relocate sign

McCormick Street Intersection Observations and Recommendations



Recommendation:
Install truncated domes

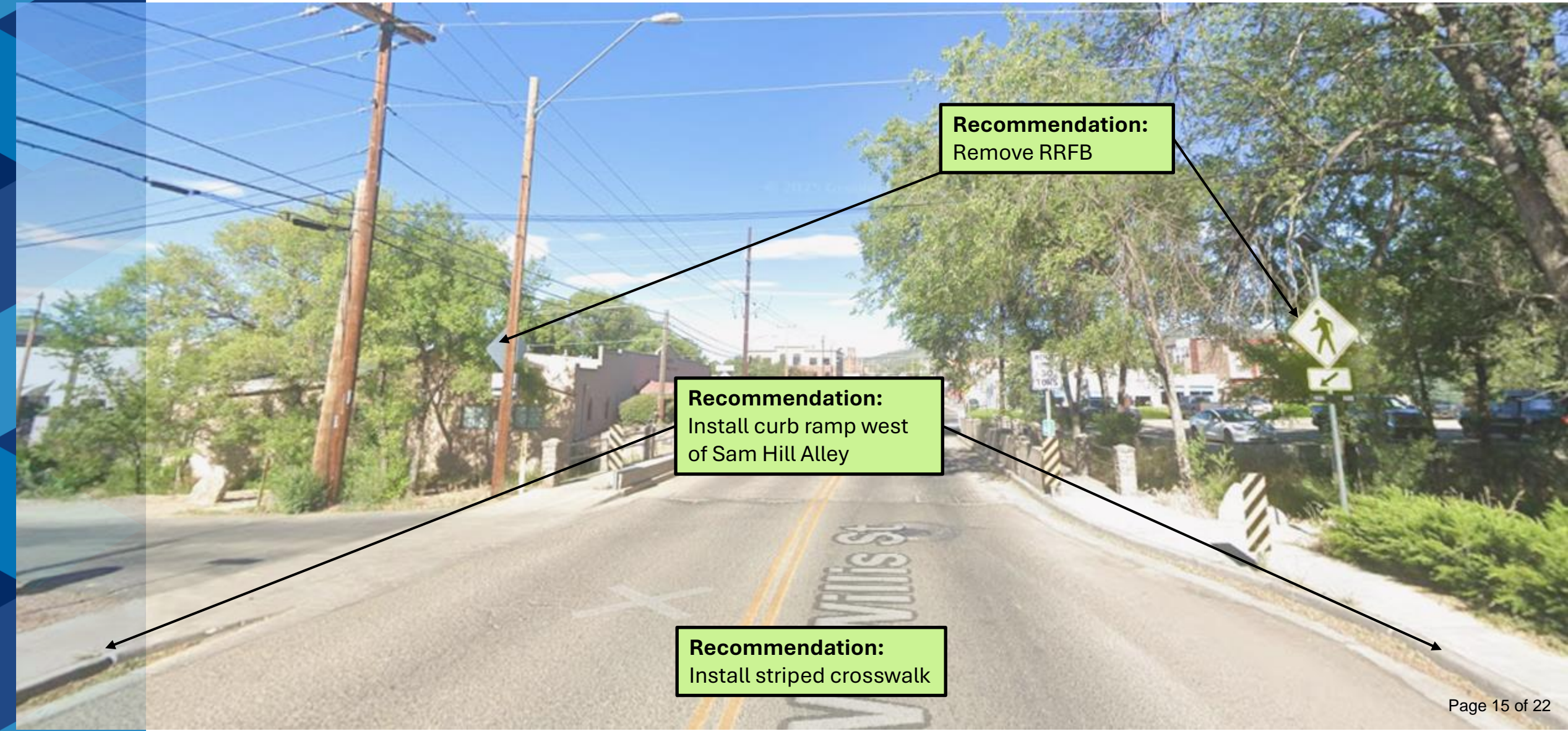


Recommendation:
Relocate sign



Recommendation:
Relocate sign and stop plate

Granite Creek Trail Crossing Observations and Recommendations



Recommendation:
Remove RRFB

Recommendation:
Install curb ramp west
of Sam Hill Alley

Recommendation:
Install striped crosswalk

Granite Creek Trail Crossing Observations and Recommendations

Roadway Configuration	Posted Speed Limit and AADT								
	Vehicle AADT <9,000			Vehicle AADT 9,000–15,000			Vehicle AADT >15,000		
	≤30 mph	35 mph	≥40 mph	≤30 mph	35 mph	≥40 mph	≤30 mph	35 mph	≥40 mph
2 lanes (1 lane in each direction)	1 2 4 5 6	1	1	1	1	1	1	1	1
3 lanes with raised median (1 lane in each direction)	1 2 3 4 5	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6
3 lanes w/o raised median (1 lane in each direction with a two-way left-turn lane)	1 2 3 4 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6
4+ lanes with raised median (2 or more lanes in each direction)	1 3 5	1 3 5	1 3 5	1 3 5	1 3 5	1 3 5	1 3 5	1 3 5	1 3 5
4+ lanes w/o raised median (2 or more lanes in each direction)	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6	1 3 5 6

Given the set of conditions in a cell,

- # Signifies that the countermeasure is a candidate treatment at a marked uncontrolled crossing location.
- Signifies that the countermeasure should always be considered, but not mandated or required, based upon engineering judgment at a marked uncontrolled crossing location.
- Signifies that crosswalk visibility enhancements should always occur in conjunction with other identified countermeasures.*

The absence of a number signifies that the countermeasure is generally not an appropriate treatment, but exceptions may be considered following engineering judgment.

1 High-visibility crosswalk markings, parking restrictions on crosswalk approach, adequate nighttime lighting levels, and crossing warning signs

2 Raised crosswalk

3 Advance Yield Here To (Stop Here For) Pedestrians sign and yield (stop) line

4 In-Street Pedestrian Crossing sign

5 Curb extension

6 Pedestrian refuge island

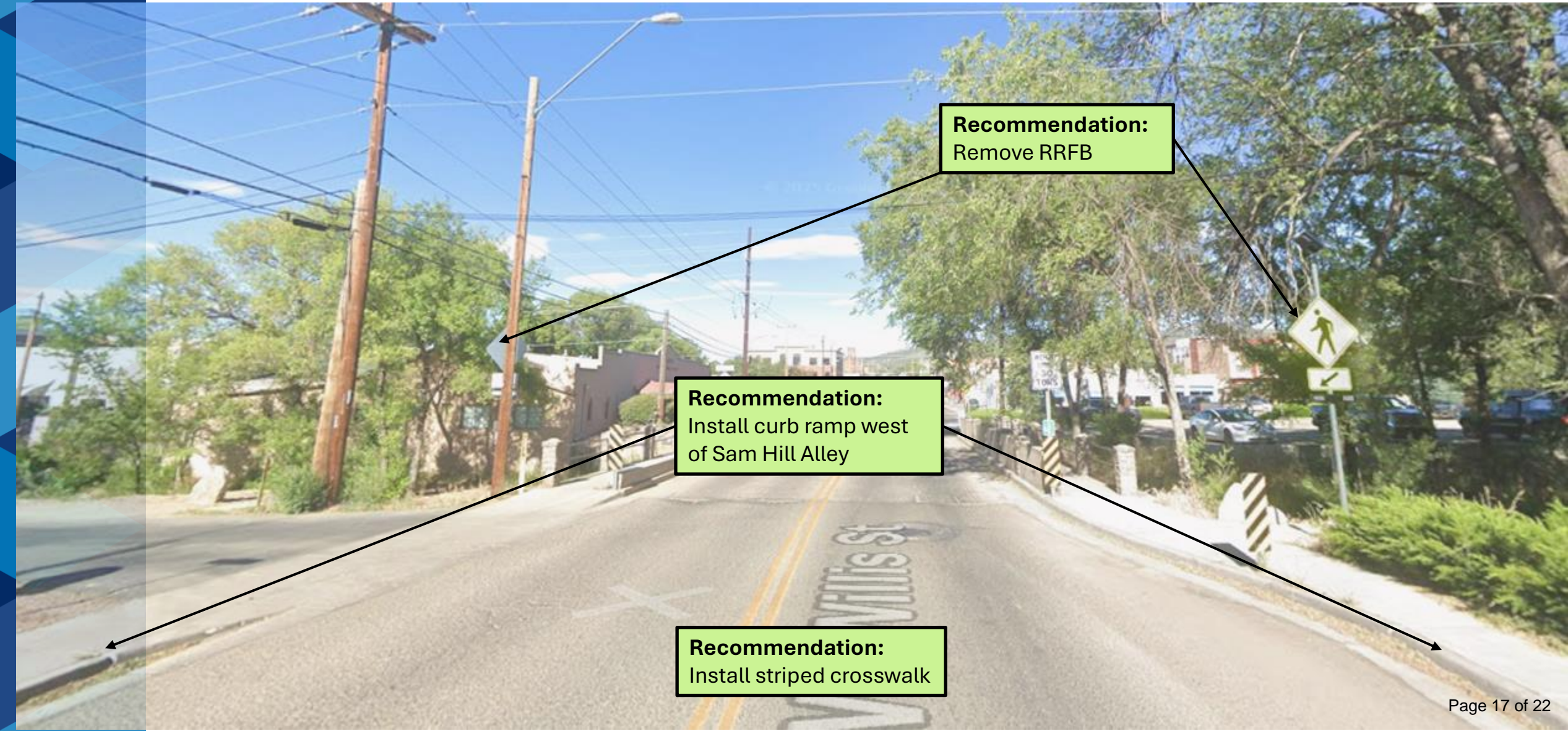
7 Rectangular Rapid-Flashing Beacon (RRFB)**

8 Road Diet

9 Pedestrian Hybrid Beacon (PHB)**



Granite Creek Trail Crossing Observations and Recommendations



Recommendation:
Remove RRFB

Recommendation:
Install curb ramp west
of Sam Hill Alley

Recommendation:
Install striped crosswalk

Granite Creek Intersection Observations and Recommendations



**Recommendation:
Reconstruct ramp**



Willis St

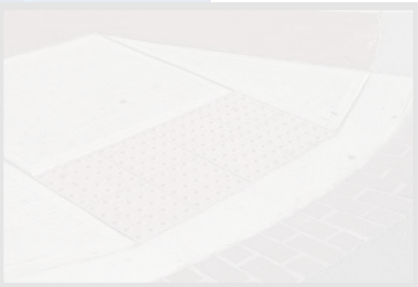
Granite St



**Recommendation:
Reconstruct ramp**



**Recommendation:
Install stop signs**



**Recommendation:
Install truncated domes
(all corners)**



**Recommendation:
Install hi-vis crosswalk (all legs)**

Granite Creek Intersection Observations and Recommendations



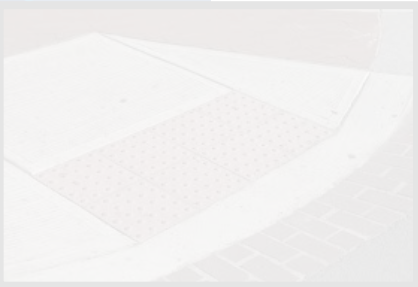
Recommendation:
Reconstruct ramp



Recommendation:
Reconstruct ramp



Recommendation:
Install stop signs



Recommendation:
Install truncated domes
(all corners)



Recommendation:
Install hi-vis crosswalk (all legs)

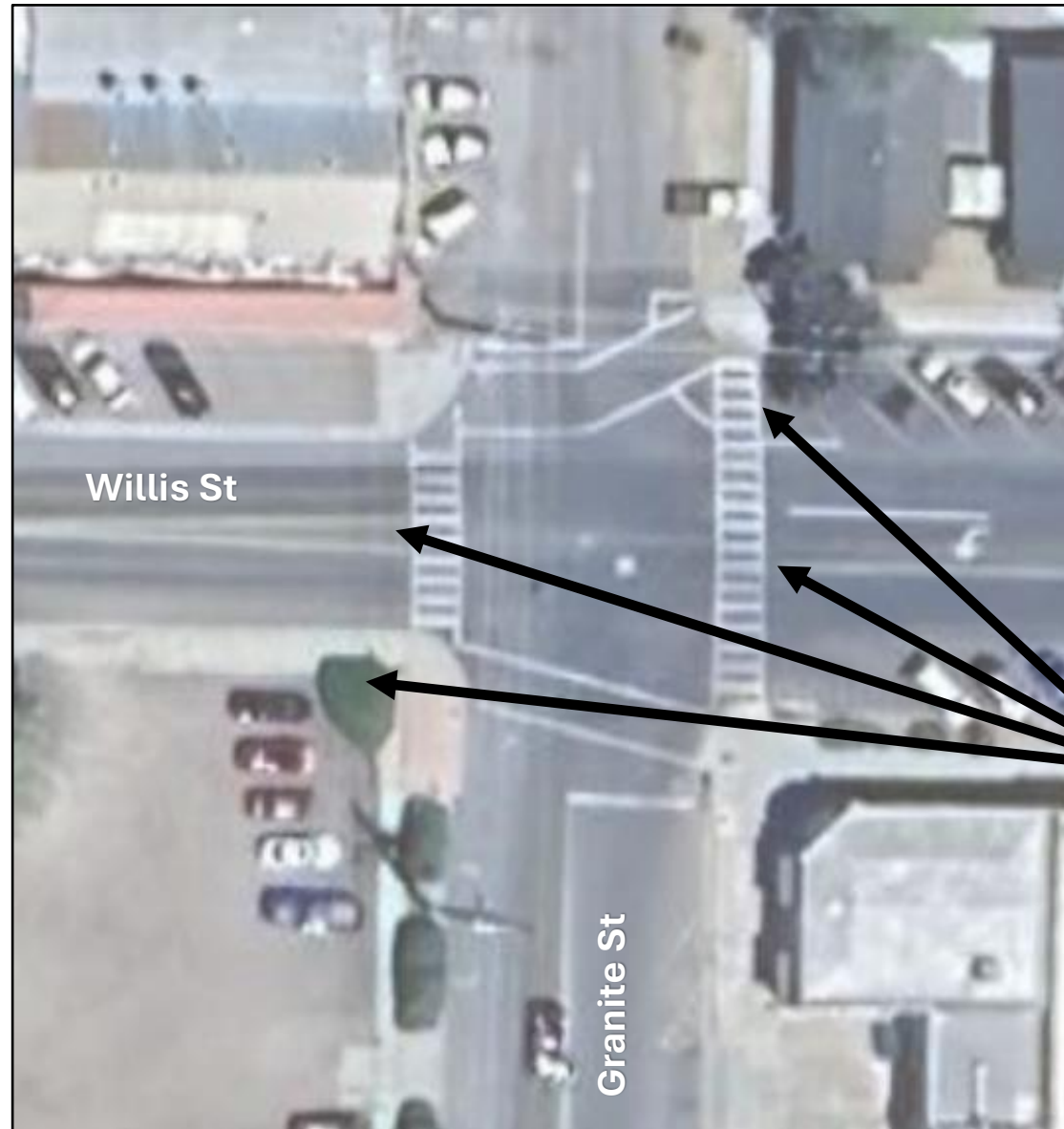
Granite Creek Intersection Observations and Recommendations



Recommendation:
Reconstruct ramp

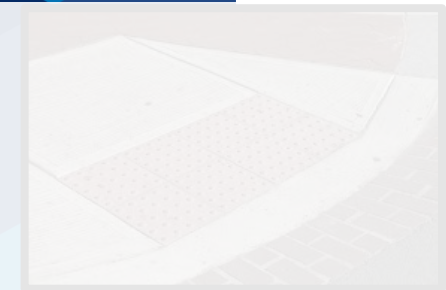


Recommendation:
Reconstruct ramp

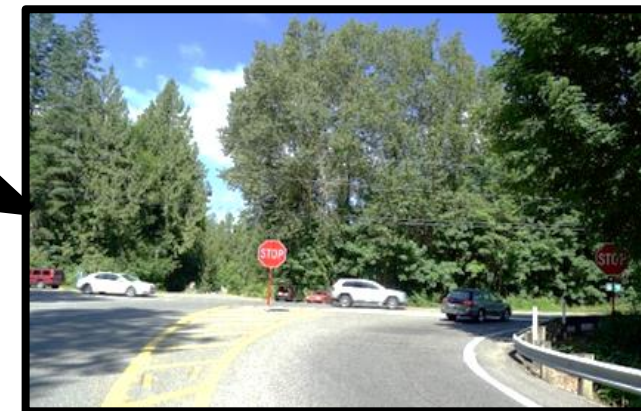


Willis St

Granite St



Recommendation:
Install truncated domes
(all corners)



Recommendation:
Install stop signs



Recommendation:
Install hi-vis crosswalk (all legs)

Granite Creek Intersection Observations and Recommendations



Recommendation:
Reconstruct ramp



Recommendation:
Reconstruct ramp



Recommendation:
Install stop signs



Willis St

Granite St



Recommendation:
Install truncated domes
(all corners)



Recommendation:
Install hi-vis crosswalk (all legs)

Willis Street Study - Next Steps

- **Short Term Implementation (Timeframe 2-3 months)**

- Install 4-Way stop at Granite St.
- Modify Striping
- Signing changes
- Landscape Trimming, etc.

- **Longer Term Items (1-2 years)**

- ADA Curb ramp construction
- Truncated domes added
- Median Bulb-Out Construction

