

City of Prescott

Pedestrian, Bicycle & Traffic Advisory Committee



January 8, 2024 | 9:30 AM
Public Works Conference Room
433 N. Virginia Street
Prescott, AZ 86301

AGENDA

The following Agenda will be considered by the **Pedestrian, Bicycle & Traffic Advisory Committee** at their meeting to be held **January 8, 2024**. Notice of this meeting is given pursuant to Arizona Revised Statutes, Section 38-431.02.

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **OPEN CALL TO THE PUBLIC**
4. **DISCUSSION & ACTION ITEMS**
 - A. Approval of the December 11, 2023 Pedestrian, Bicycle & Traffic Advisory Committee Meeting Minutes.
Recommended Action: MOVE to approve the minutes as presented
 - B. Introduction of New Committee Council Liaison Ted Gambogi.
Recommended Action: This item is for discussion only. No formal action will be taken.
 - C. Presentation & Update From Central Yavapai Metropolitan Planning Organization (CYMPO).
Recommended Action: This item is for discussion only. No formal action will be taken.
 - D. Presentation & Discussion Regarding Traffic Calming in The Crossings.
Recommended Action: MOVE to approve the staff recommendation as presented
 - E. Presentation & Discussion Regarding Speed and Travel Time Study Recommendations.
Recommended Action: MOVE to approve recommendations as presented
 - F. Presentation & Discussion Regarding Willow Creek Road Striping - Green/Pulliam to 4-Points.
Recommended Action: Discussion and possible recommendations related to updates provided by staff
 - G. Presentation & Discussion Regarding Ongoing Project Updates.
Recommended Action: This item is for discussion only. No formal action will be taken.
5. **ADJOURNMENT**

Upon a public majority vote of a quorum of the Board, the Board 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 1/5/24 at 10:00 a.m. in accordance with the statement filed by the Prescott City Council with the City Clerk.



Sarah M. Siep, City Clerk



TO: MAYOR AND CITY COUNCIL
AGENDA: Jan 2024 Pedestrian Bicycle & Traffic Advisory Committee
DATE: January 8, 2024
DEPT: City Clerk
ITEM #: 4.A
SUBJECT: Approval of the December 11, 2023 Pedestrian, Bicycle & Traffic Advisory Committee Meeting Minutes.

ITEM SUMMARY

This item is for the approval of the December 11, 2023 PBTAC Meeting Minutes. Staff recommends approval of minutes as presented.

BACKGROUND

None.

FINANCIAL IMPACT

None.

RECOMMENDED ACTION

MOVE to approve the minutes as presented

ATTACHMENTS

1. 121123 Bicycle Committee Minutes

City of Prescott
**Pedestrian, Bicycle & Traffic Advisory
Committee**



December 11, 2023 | 9:30 AM
Public Works Conference Room
433 N. Virginia Street
Prescott, AZ 86301

MINUTES

1. CALL TO ORDER

Vice Chairwoman Michelle Schaefer called the meeting to order at 9:34 a.m.

2. ROLL CALL

Michelle Schaefer, Vice Chair
Troy Cook, Member
Kent Hart, Member
Bill Fanelli, Chairman*

**Chairman Fanelli attended via phone call to meet quorum*

3. OPEN CALL TO THE PUBLIC

The Pedestrian, Bicycle & Traffic Advisory Committee (PBTAC) welcomes public engagement and residents may comment and address the Committee on matters NOT included on the agenda during the Open Call to the Public.

No public comments.

4. DISCUSSION & ACTION ITEMS

- A. Approval of the November 13, 2023 Pedestrian, Bicycle & Traffic Advisory Committee Meeting Minutes.

**MOTION BY VICE CHAIRWOMEN SCHAEFER TO APPROVE THE
NOVEMBER 13, 2023 MEETING MINUTES; MOTION SECONDED BY
MEMBER HART: PASSED (4-0)**

- B. Presentation & Update From Central Yavapai Metropolitan Planning Organization (CYMPO).

- ACT-UP Update
- Northern Arizona Regional Transportation Safety Plan Conclusion
- CYMPO Long Range Transportation Plan

CYMPO Executive Director, Vinny Gallegos, thanked Public Works Director, Gwen Rowitsch, for her participation with the CYMPO Technical Advisory Committee. He added that CYMPO would like to push forward more grant applications on behalf of the City of Prescott, as well as the region.

Approximately two years ago, there were four projects funded as a result of submitted grant applications, totaling at or above four million in funding. He stated it's a matter of identifying projects and how they tie into the Active Community Transportation-Unified Plan (ACT-UP) Safety Plan.

CYMPO Planner Bryn Stotler shared with the committee that all Transportation Alternatives Grant Applications were awarded. The City of Prescott was awarded the State Route 89/Deep Well Ranch Road Multi-Use Path request. The Town of Prescott Valley was awarded preliminary scoping and design for the 26-mile Lasso Loop Trail, and the Town of Chino Valley was awarded a two-mile extension of the Peavine Trail. Another round of funding will be available soon and staff will keep the committee updated.

Mr. Gallegos shared that CYMPO is working closely with the Town of Prescott Valley on developing partnerships with public transit. The Town celebrated one year of public transit, with approximately 19,000 rides; 40% of which were related to employment purposes. The Town is currently implementing Phase 1 of the CYMPO public transit plan. The City of Prescott would be part of Phase 2, and CYMPO is hopeful to expand to that soon. Per Mr. Gallegos, CYMPO hired Prescott's former City Manager, Michael Lamar, to join the CYMPO team. Mr. Lamar will be helping to develop partnerships, and is currently working with colleges and the hospital. All voices are needed, and work is progressing on this item that has been a long time coming.

Vice Chairwoman Schaefer inquired about habitat management statewide, and wildlife overpasses in the Prescott area. Per Ms. Gallegos, those types of projects generally fall under Highway Safety Improvement Program (HSIP) funding, but they must consider the cost versus benefit. As far as safety related concerns such as this or others, that is where CYMPO's Technical Advisory Committee is able to review and discuss presented safety data during upcoming meetings. Projects can stem from potential improvements discussed or recommended.

Public Works Transportation Manager, Ian Mattingly, inquired about CYMPO planning to bring in a consultant again to assist with grant applications. Per Mr. Gallegos, CYMPO will be doing this again this year, to help with the application process and the needed data analysis.

This item was for discussion only; no formal action was taken.

C. Citywide Speed and Travel Time Study Update.

Mr. Mattingly presented an abbreviated version of the Citywide Travel Time and Speed Study Presentation, given by staff and the City's on call traffic engineering consultant, Strand Associates, during the November 14, 2023, Council Study Session.

The study included an objective comparison of the City's traffic conditions with known standards (Level of Service) and collected speed and travel time data on the City's roadways. Roadways with higher speeds were identified and recommendations were provided.

Areas of higher congestion and travel time were also identified, and recommendations were provided.

The study results are able to be used to address resident concerns related to speeding and congestion through planned improvements and data sharing.

Per Mr. Mattingly, the report is approximately 350 pages, and includes valuable information that is separated by roadway type and segment. The following key elements of the Study were discussed:

- Streetlight Data and Data Analysis Screening
 - Roadway speeds
 - Specifics for roadway types Arterial, Collector, and Local
 - Spot speed studies performed at locations flagged by screening analysis; basis provided for roadway speed recommendations
 - Corridor Travel Time and Congestion
 - Evaluation over a wide variety of days and conditions
 - Corridors broken into segments with traffic signals or key intersections, and the end points of the corridors
 - Measured travel time from Streetlight Data was compared against the free flow travel time
 - Streetlight Data congestion metric was also reviewed to provide evaluation for percentage of traffic not able to travel at free flow speed (on average)
- Field Speed Study Data Collection
 - Indication of areas needing additional data
 - Selected locations where speeds were higher or lower than posted
- Recommendations
 - Travel time analysis identified intersections and corridors to evaluate for signal improvements
 - Spot speed analysis identified areas where changes may be desired
 - Potential traffic calming treatments

Per Mr. Mattingly, the Collector roads had speeds more in line with the preferred range. He noted that collector roads do not typically have the same number of signals and intersection friction of Arterial roadways. Speed limits are posted well, and averages are very good. He discussed and explained the bar charts within the presentation, and noted that some of the longer delays seen likely were related to the busier Arterial roadway intersections. Also noted were that some roadways, such as Haisley Road and Solstice, showed speeds that may be lower since traffic calming measures have been completed since the study data was collected.

Free flow was explained as being the average amount of time to travel from one point to another under ideal conditions. The various impacts on free flow were discussed and explained by Mr. Mattingly. The average day peak travel times were reviewed as well, and overall, on average the City is doing well.

Closing the presentation, Mr. Mattingly outlined the next steps. Staff will review and bring recommendations from the study back to the Pedestrian, Bicycle and Traffic Committee (PBTAC) for input. Following committee input, the following steps are to follow:

City Council will be presented with:

- A prioritized project list for speed mitigation implementation.
- A prioritized project list for travel time mitigation implementation.
- A list of speed limit changes for implementation.
- Speed and travel time mitigation projects will be combined as appropriate to aid in implementation and programming improvements into future budget years.
- Staff will develop project details and cost estimates for each project for use in the budget process for City Council consideration.
- Approved projects will be added to the 5-year CIP, budgeted, advertised and implemented.
- Approved speed limit changes will be implemented.

Mr. Mattingly invited City resident, Ms. Raskin, who was present at the meeting to speak. Per Ms. Raskin, she attended today's meeting specifically for this item, and expressed appreciation for traffic calming completed for Rosser Street. She explained that she has since moved, and is seeing a lot of speeding within her neighborhood off of Hassayampa Village Lane (HVL). While she agrees with raising the speed limit of 30mph, she is concerned with vehicles travelling 40-50mph on HVL and inquired about what may be done to mitigate these types of speeding issues.

Police enforcement is an option, per Mr. Mattingly. He added that if the City can collectively agree on a package of options for similar situations, that may help as well. For example, speed humps, bumps, or tables would give staff the option to treat those instances. Currently, there aren't a lot of options other than signing and striping. Measures are taking place to balance the residential needs with those of the travelling public. However, there are limits based on visibility and geometry. For example, speed tables cannot be placed in certain areas. Ms. Raskin inquired about signs that show "your speed". Per Mattingly, studies show they can affect speeding for some time, however, eventually they will become less effective. Currently the most aggressive measure to address speeding is the use of speed humps (vertical measures).

Member Troy Cook recommended contacting the Police Department regarding speed tables. He added that the speed feedback signs that affect him the most personally are the type that have red and blue flashing lights around them.

Member Kent Hart commented that full time Police enforcement is currently limited. Mr. Mattingly agreed, however, Citizens on Patrol are linked with the Police traffic group and can place portable radar signs in the meantime.

Mr. Gallegos commented that if some of the concerns are tied to safety, there may be an option for federal funding.

Councilmember Ted Gambogi commented that he was favorably impressed with the presentation.

This item was for discussion only; no formal action was taken.

D. Garden & Western Traffic Calming.

The City of Prescott is considering adding two speed humps on Garden Street between Gurley Street and Western Avenue, per Mr. Mattingly. The speed humps are being considered based on a neighborhood request to discourage cut-through traffic and speeding on the block, as vehicles use the residential street to avoid the signalized intersection at Gurley Street & Park Avenue and Grove Avenue & Western Avenue. The ongoing City Utility upgrade project has provided an opportunity for the city to add these speed humps (if approved) to the paving work included in the project.

Mr. Mattingly added that a survey letter was sent to direct fronting property owners/residents letting them know of this proposal and requesting they provide feedback supporting or opposing the speed hump installation. The survey deadline was Thursday, December 7th so the data could be available for today's meeting. So far 12 responses of the 20 have been received, and all were in support. Although it is not required, staff gathered the survey data in an effort to include neighborhood feedback.

MOTION BY MEMBER TROY COOK FOR COMMITTEE SUPPORT OF THE SPEED HUMP INSTALLATION; MOTION SECONDED BY VICE CHAIRWOMAN SCHAEFER: PASSED (4-0)

E. Presentation & Discussion Regarding Ongoing Project Updates.

- HSIP Grant - Fair Street & Gail Gardner Way

Additional time has been allowed to collect more data and hold a study session in March 2024 or later. Staff is developing a plan for this work and what will be provided in the study session presentation. An update on the grant timeline from ADOT will also be provided.

Councilmember Gambogi inquired about a letter he received, regarding warrants suggesting a signal implementation and if that puts the City in a liability situation by not installing one.

Per Mr. Mattingly, the location did not meet an intersection signalization warrant based on safety, but rather was identified through a consultant hired for the warrant study. The signal implementation suggestion was based on volume of traffic rather than safety.

Chairman Bill Fanelli inquired about any correlation with this project to the Rodeo Grounds project. Mr. Mattingly explained that projects are independent of each other, however, they may affect each other.

- Ongoing/Upcoming Traffic studies and Analysis
 - Rodeo Grounds Master Plan Traffic Study

A traffic study will be conducted, then be shared with the City and the public. The traffic study will then inform the staff on how to best handle the traffic in and out of the rodeo grounds utilizing all four ingress and egress points.

This study will be beneficial in parking needs and impacts and may highlight a desire by the Rodeo Association to provide shuttle service during high attendance events.

- Willis Street Intersection/Corridor Analysis

A consultant will be hired to analyze Willis Street between Montezuma and McCormick Street and look at various intersection control options.

- Prescott Lakes Parkway/Sundog Ranch Road Signal Update

The project will be going before City Council in January for award of the construction contract. The goal is to construct a new traffic signal at the intersection and provide new and extended auxiliary turn pockets to improve traffic flow and safety into the Transfer Station and park trailhead. There will be a deceleration lane for trucks coming off Prescott Lakes Parkway, along with dedicated left turn lanes, crosswalks, and new sidewalk sections.

Vice Chairwoman Schaefer inquired about a possible cycling lane. Staff can review the option or modify as the project progresses per Mr. Mattingly.

This item was for discussion only; no formal action was taken.

F. Approval of the 2024 Pedestrian, Bicycle & Traffic Advisory Committee Meeting Schedule

Annually, staff reviews the list of Pedestrian, Bicycle, & Traffic Advisory Committee meetings dates for the upcoming calendar year. The adoption of a schedule similar to that of other boards, commissions, and committees is being considered. The proposed 2024 meeting schedule is as follows:

January 8, 2024	July 8, 2024
February 12, 2024	August - No Meeting
March 11, 2024	September 9, 2024
April 8, 2024	October 14, 2024
May 13, 2024	November - No Meeting
June 10, 2024	December 9, 2024

MOTION BY MEMBER COOK TO APPROVE THE 2024 MEETING SCHEDULE AS PRESENTED; MOTION SECONDED BY VICE CHAIRWOMEN SCHAEFER: PASSED (4-0)

5. ADJOURNMENT

There being no further business to discuss, the meeting was adjourned at 11:14 a.m.

MICHELLE SCHAEFER, Vice Chairwoman

ATTEST:

MARIKAY WHISENAND, Administrative Specialist

Date



TO: MAYOR AND CITY COUNCIL
AGENDA: Jan 2024 Pedestrian Bicycle & Traffic Advisory Committee
DATE: January 8, 2024
DEPT: Public Works
ITEM #: 4.B
SUBJECT: Introduction of New Committee Council Liaison Ted Gambogi.

ITEM SUMMARY

Staff will introduce new Council Liaison, Ted Gambogi to the Committee.

BACKGROUND

None.

FINANCIAL IMPACT

None.

RECOMMENDED ACTION

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

ATTACHMENTS

None



TO: MAYOR AND CITY COUNCIL
AGENDA: Jan 2024 Pedestrian Bicycle & Traffic Advisory Committee
DATE: January 8, 2024
DEPT: Public Works
ITEM #: 4.C
SUBJECT: Presentation & Update From Central Yavapai Metropolitan Planning Organization (CYMPO).

ITEM SUMMARY

CYMPO staff will provide the Committee with updates regarding the following:

- Current HSIP application cycle
- Draft Final RTSP – regional safety plan
- Addition of anecdotal/resident info to the ACT-UP mapping tool (Nathan Lane)

BACKGROUND

CYMPO is the designated Metropolitan Planning Organization (MPO) for the City of Prescott, Town of Prescott Valley, Town of Chino Valley, Town of Dewey-Humboldt, Yavapai County and the Arizona Department of Transportation. As the regional MPO, CYMPO provides the forum for local elected officials and transportation experts to plan multimodal infrastructure within the CYMPO Planning Boundary area.

FINANCIAL IMPACT

N/A

RECOMMENDED ACTION

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

ATTACHMENTS

None



TO: MAYOR AND CITY COUNCIL
AGENDA: Jan 2024 Pedestrian Bicycle & Traffic Advisory Committee
DATE: January 8, 2024
DEPT: Public Works
ITEM #: 4.D
SUBJECT: Presentation & Discussion Regarding Traffic Calming in The Crossings.

ITEM SUMMARY

Staff will provide background and recommendations regarding a citizen request for traffic-calming within the Crossings residential area.

BACKGROUND

Following the October 9, 2023 PBTAC meeting, staff collected additional speed and volume data and developed a traffic-calming plan for consideration. The plan which provides two new multi-way stop locations, and a roadway narrowing and delineation through centerline striping, edgelines, and improved signing and striping, will be discussed with the neighborhood representative(s) and Committee for input and approval. The purpose of the plan is to improve driver compliance with existing traffic control devices and eliminate passing and other undesirable driver behavior on the residential street. If the plan is approved, it will be installed in the spring of 2024 during the spring striping period.

FINANCIAL IMPACT

If approved, the improvements will be made through the existing FY24 Pavement Marking Contract and city crews with equipment and supplies purchases from the operating budget of Transportation Services. The anticipated total cost is \$12,000 to \$15,000.

RECOMMENDED ACTION

MOVE to approve the staff recommendation as presented

ATTACHMENTS

1. Crossings Subdivision Traffic Calming Plans- 1-08-23 PBTAC



Legend

- abc Street Name Labels
- Address
- Building

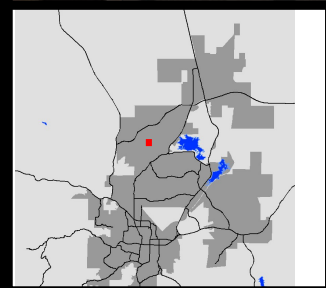
Robin Drive Traffic Calming Sheet 1

This map is a product of
The City of Prescott



Robin Drive Traffic Calming Sheet 2

This map is a product of
The City of Prescott



CLEARWATER DRIVE TRAFFIC CALMING SHEET 2

JANUARY 2025

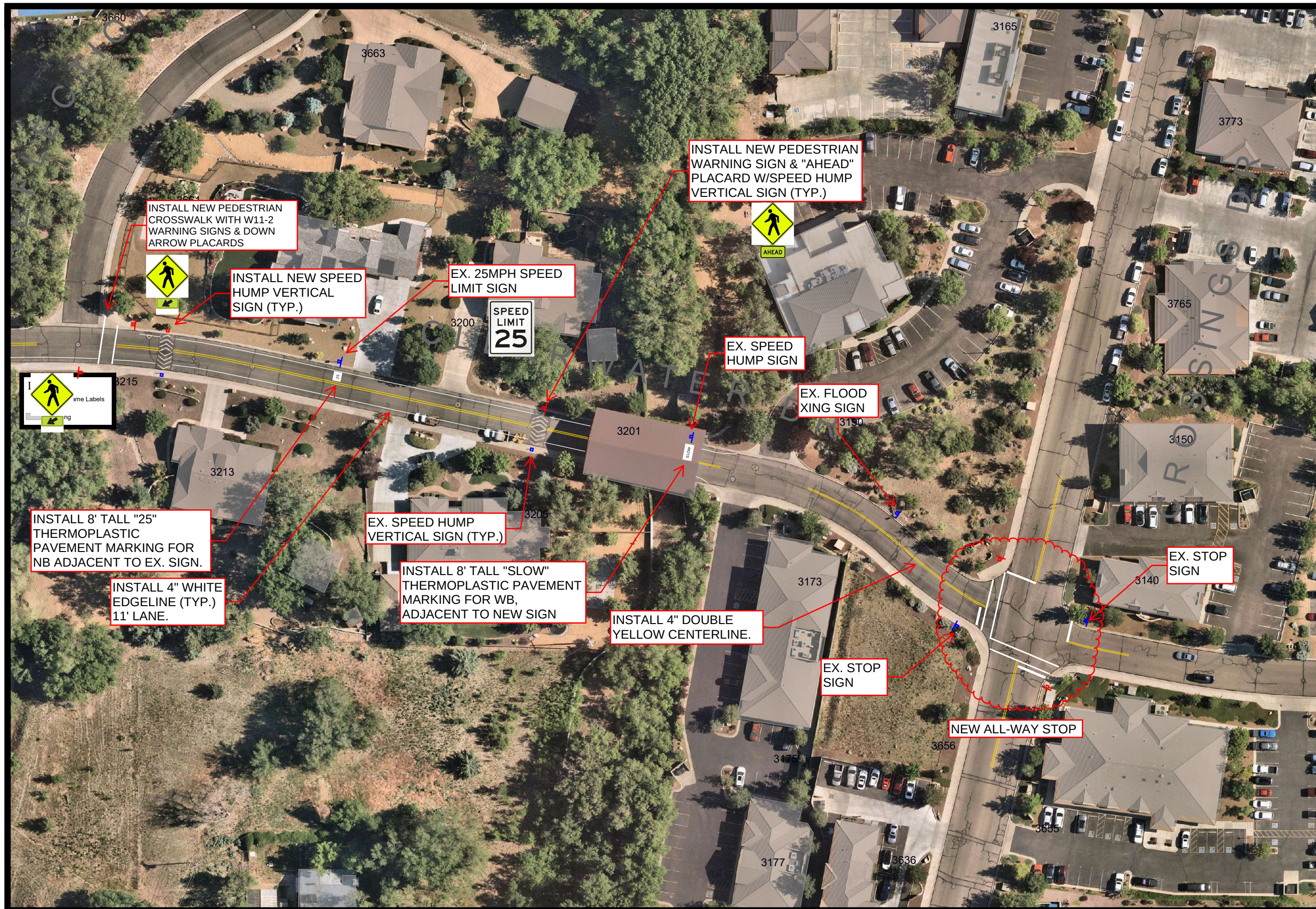
This map is a product of
The City of Prescott



Clearwater Drive Traffic Calming Sheet 2

This map is a product of
The City of Prescott

0' 1" = 71'



CITY OF PRESCOTT
ARIZONA
Everybody's Hometown

Crossings Drive Traffic Calming Sheet 1

This map is a product of
The City of Prescott



TO: MAYOR AND CITY COUNCIL
AGENDA: Jan 2024 Pedestrian Bicycle & Traffic Advisory Committee
DATE: January 8, 2024
DEPT: Public Works
ITEM #: 4.E
SUBJECT: Presentation & Discussion Regarding Speed and Travel Time Study Recommendations.

ITEM SUMMARY

Speed and Travel Time Study Recommendations

BACKGROUND

Staff provided an update regarding the results and recommendations of the recently completed Citywide Speed and Travel Time Study during the December 2023 committee meeting. Recommendations for City Council will be presented and discussed for committee input.

FINANCIAL IMPACT

N/A

RECOMMENDED ACTION

MOVE to approve recommendations as presented

ATTACHMENTS

1. Citywide Traffic Study Project Recommendations - 1-08-23 PBTAC

Citywide Traffic Study Project Recommendations – 1-08-23 PBTAC

TRAVEL TIME – CONGESTION MITIGATION PROJECT RECOMMENDATIONS

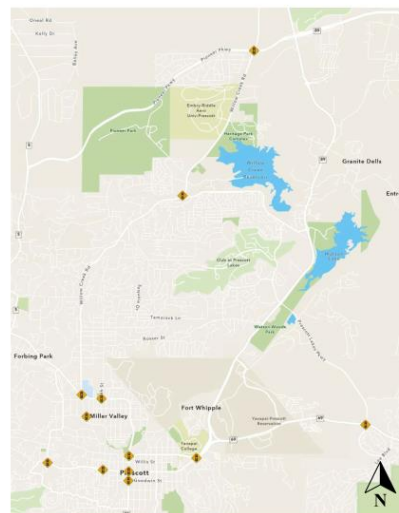
- The study recommends providing traffic signal timing reviews and consideration of coordinated timing where appropriate.
- Individual (stand-alone) intersections will have timing reviewed and GPS time clocks added to allow time-of-day operations.
- Three corridors have been identified for adding signal coordination.
 - I. Sheldon Street – Gurley to Montezuma
 - II. Whipple Street – Montezuma to 4-Points
 - III. Iron Springs Road – 4-Points to Williamson Valley Road
- All intersections will receive needed detection, communication (radio, GPS time clocks), and controller upgrades.
- A Traffic Consultant with expertise in traffic signal timing and coordination will be hired to review the timings and develop plans for implementation.
- Project Cost - \$634,000
- Streets IIP Proposed Project

Recommended Action:

MOVE to approve the traffic signal congestion mitigation projects as presented.

Travel Time Analysis Identified Signals That May Need Additional Evaluation

- Poor travel times and congestion occurred at several signals and signalized corridors
- Individual traffic signal timing reviews:
 - Various stand-alone traffic signals identified
 - Gurley Street @ Gail Gardner Way
 - Willow Creek Road @ Pioneer Parkway
 - Prescott Lakes Parkway @ 69 (ADOT)
- Corridors to evaluate traffic signal coordination:
 - Sheldon Street – Montezuma Street to Gurley Street
 - Whipple Street – Willow Creek Road to Ruth Street
 - Willow Creek Road – Willow Lake Drive to Commerce Drive
 - Downtown congestion identified – Goal to slow traffic and create balance for tourism/pedestrians/traffic



Traffic Signals to Evaluate



Project Number: S-7 (NEW)

Planning Period: FY30

Description: City wide Arterial Traffic Signal Coordination Project

Justification: Installation of detection, communication, and controller upgrades along three Arterial Corridors and at various other signalized intersections to allow implementation of coordinated timing plans citywide. This project will provide for improved roadway capacity, level of service and reduced travel time on Whipple Street, Iron Springs Road, Sheldon Street and at various stand-alone intersections citywide.

Project Details:

Project	Type	Capacity/Improvement	Additional Lane Miles	Construction Cost	Project Cost
S-9	Traffic Signal Coordination	Increased capacity Lower travel times	0	\$559,000	\$634,000

IIP Information:

IIP Street Improvement	% Impact Fee (Growth): 25%	% Streets/1% Tax (Regional Traffic): 75%
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Growth Cost Funded by Impact:

Total Project Cost	Project % paid by Impact Fee	Cost of Project Funded by Impact:
\$634,000	25%	\$158,500

TRAFFIC CALMING – SPEED MITIGATION PROJECT RECOMMENDATIONS

- The study recommends installing active speed signs, speed tables and TWLTL/Raised Medians on various roadways within the city.
- Locations identified but under the current 7mph traffic calming threshold are not included in the recommendations.
- Active Speed Signs –
 - I. Installed at ¼ to ½ mile intervals along the corridor.
 - II. Solar powered with red and blue strobe feature available.
- TWLTL/Raised Median
 - I. Used on higher volume roadways, with any speeds and near downtown.
 - II. Roadway width needed to accommodate.
- Speed Tables
 1. Used on lower volume collector roadways with lower speeds as approved by Fire/Police.
 2. Roadway grades and drainage must be compatible.
- Project Cost – project costs will be determined during the budget process as project detail she are developed. Active Speed signs will be packaged into a single equipment project purchase to reduce costs.

Arterial Corridors with higher speeds

- Granite Dells Parkway
- Gurley Street (Increased speed limit resolves this)
- Senator Highway
- Williamson Valley Road
- Willow Creek Road

Collector Corridors with higher speeds

- Copper Basin Road
- Hassayampa Village Lane
- Haisley Road
- Phippen Trail
- Solstice Drive
- Thumb Butte Road

Locations recommended for traffic calming measures

- Copper Basin Road at Linden Road (+10mph)
- Granite Dells Parkway @ Centerpointe East Drive (+13mph)
- Larry Caldwell Drive at Assurance Way (+7mph)
- Montezuma Street at Aubrey Street (+7mph)
- Oregon Avenue at Lindbergh Drive (+9mph)
- Park Avenue at Moreland Circle (+10mph)
- Prescott Lakes Parkway north of Walmart Driveway (+13mph)
- Senator Highway at Church Driveway (+13mph)
- Senator Highway at Haisley Drive (+11mph)
- Smoketree Lane at Birchwood Cove (+8mph)
- Sunrise Blvd at Dragonfly Drive (+8mph)
- Willow Creek Road at Geneva Drive (+8mph)
- Willow Creek Road at Honda Driveway (+14mph)

Locations recommended for traffic calming measures (already have striping and signing treatment)

- Thumb Butte Road at Ponderosa Lane (+9mph)
- Thumb Butte Road at Apollo Heights Drive (+11mph)
- Thumb Butte Road at Plaza Drive (+9mph)

Corridor	Sidestreet/Location	Potential Recommendations
Granite Dells Parkway	Centerpointe East Drive	Install Active Speed Signs
Larry Caldwell Drive	Assurance Way	Install Active Speed Signs
Willow Creek Road	Honda Driveway	Install Active Speed Signs
Willow Creek Road	Geneva Drive	Install Active Speed Signs
Senator Highway	Haisley Road	Install Active Speed Signs Install Speed Tables
Senator Highway	Church Driveway	Install Active Speed Signs Install Speed Tables
Montezuma Street	Aubrey Street	Install Raised Islands in TWLTL
Sunrise Boulevard	Dragonfly Drive	Install Speed Tables
Sunrise Boulevard	Sunami Court	Install Speed Tables
Prescott Lakes Parkway	North of Walmart Driveway	Install Active Speed Signs
Highland Avenue	Middlebrook Road	Install Active Speed Signs Install Speed Tables
Thumb Butte Road	Ponderosa Lane	Install Active Speed Signs Install Speed Tables
Thumb Butte Road	Apollo Heights Drive	Install Active Speed Signs Install Speed Tables
Thumb Butte Road	Plaza Drive	Install Active Speed Signs Install Speed Tables
Park Avenue	Moreland Circle	Install Active Speed Signs Install Speed Tables
Smoke Tree Lane	Birchwood Cove	Install Active Speed Signs
Solstice Drive	South Lakeview Drive	Install Active Speed Signs Install Speed Tables
Haisley Road	Northwoods Loop	Install Active Speed Signs Install Speed Tables
Oregon Avenue	Lindbergh Drive	Install Active Speed Signs Install Speed Tables
South Willow Street	Beach Avenue	Install Active Speed Signs Install Speed Tables
Copper Basin Road	Linden Road	Install Active Speed Signs Install Speed Tables

TWLTL = Two-Way Left-Turn Lane

Table 4.01-4 Recommended Enforcement and Traffic Calming Locations

Locations with traffic calming implementations added – field check prior to additional mitigation.

- *Solstice Drive at South Lakeview Drive (+12mph)*

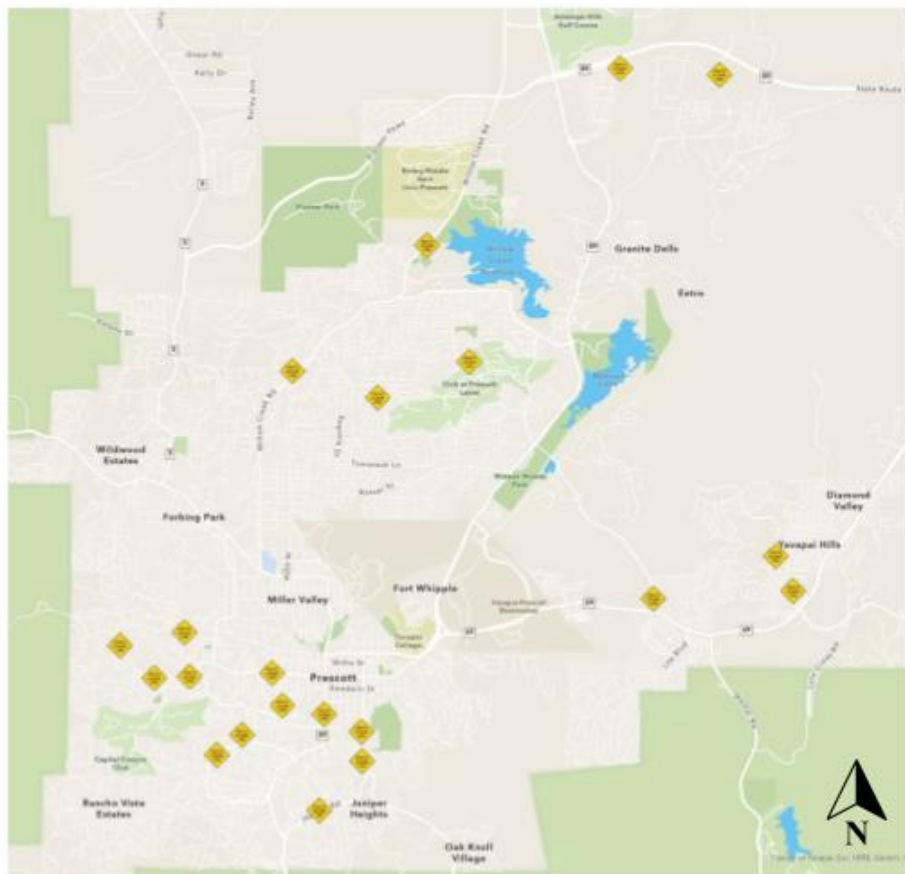
Locations confirmed with speeds under the calming threshold

- *Bradshaw Drive at Goodwin Street (+5mph)*
- *Gateway Blvd at Palmer Lane (+4mph)*
- *Haisley Road at Northwoods Loop (+6mph)*
- *Highland Avenue at Juanita Terrace (+5mph)*
- *Highland Avenue at Middlebrook Road (+6mph)*
- *Hornet Drive at Commanche Trail (+5mph)*
- *Hornet Drive at Hummingbird Way (+4mph)*
- *Phippen Trail at Raindrop Road (+1mph)*
- *N. Mt. Vernon at Willis Street (+5mph)*

- *S. Mt. Vernon at Gurley Street (+4mph)*
- *N. Pleasant Street at Willis Street (+4mph)*
- *Solstice Drive at Trail Walk (+2mph)*
- *Sunrise Blvd at Sunami Court (+6mph)*
- *S. Willow Street at Beach Street (+6mph)*
- *Yavapai Hills Drive at Twisted Trail (+4mph)*
- *Yavapai Hills Drive at Miracle Rider Road (+5mph)*

Recommended Action:

MOVE to approve the traffic calming mitigation projects as presented.



Locations for traffic calming measures

TRAFFIC MANAGEMENT – SPEED INCREASE PROJECT RECOMMENDATIONS

- *The study recommends raising speed limits on select roadway segments to better align driver behavior with the geometrics and roadside development that exists.*
- *These changes will eliminate unnecessary requests for enforcement by Prescott Police or other traffic calming mitigation in areas with no direct fronting residential properties.*
- *The speed limit increases can be implemented quickly after the Council is notified or takes formal action (as city leadership deems necessary).*
- *Project Cost – minimal, as signs will be changed from existing inventory.*

Locations recommended for 5MPH speed limit increase

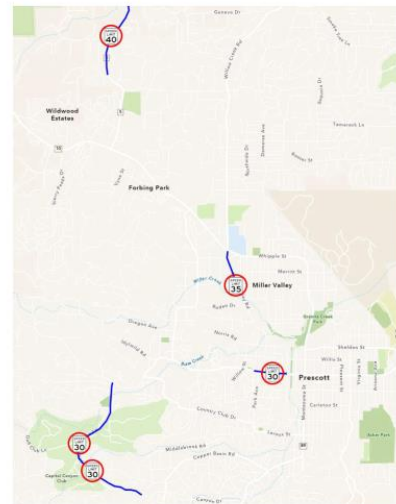
- *Gurley Street at S. Summit Avenue (+10mph)*
- *Hassayampa Village Lane at Golf Club Lane (+9mph)*
- *Hassayampa Village Lane at Paradise Valley Road (+11mph)*
- *Miller Valley Road north of Hillside Avenue (+10mph)*
- *Williamson Valley Road at Shadow Valley Ranch Road (+14mph)*

Recommended Action:

MOVE to approve the speed limit increases as presented.

Select Areas Show Potential For Speed Limit Increase

- Five locations show potential for a speed limit increase
 - Hassayampa Village Lane (Copper Basin Road to Thumb Butte)
 - Gurley Street (McCormick Street to Park Avenue)
 - Miller Valley Road (Hillside Avenue to 4-Points)
 - Williamson Valley Road (North Forty to 45 zone in County)
- Proposed increase is by 5 mph in each area
- Should lead to a smoother flow of traffic with more traffic traveling near the speed limit



Locations to consider speed limit increase



Next Steps

- Staff will review and bring recommendations from the study back to Pedestrian, Bicycle and Traffic Committee (PBTAC) for input
- City Council will be presented:
 - ❖ A prioritized project list for speed mitigation implementation.
 - ❖ A prioritized project list for travel time mitigation implementation.
 - ❖ A list of speed limit changes for implementation.

Citywide Travel Time and Speed Study

2023



Next Steps

- Speed and travel time mitigation projects will be combined as appropriate to aid in implementation and programming improvements into future budget years.
- Staff will develop project details and cost estimates for each project for use in the budget process for City Council consideration.
- Approved projects will be added to the 5-year CIP, budgeted, advertised and implemented.
- Approved speed limit changes will be implemented.

Citywide Travel Time and Speed Study

2023





TO: MAYOR AND CITY COUNCIL
AGENDA: Jan 2024 Pedestrian Bicycle & Traffic Advisory Committee
DATE: January 8, 2024
DEPT: Public Works
ITEM #: 4.F
SUBJECT: Presentation & Discussion Regarding Willow Creek Road Striping - Green/Pulliam to 4-Points.

ITEM SUMMARY

Willow Creek Road repaving is planned for Spring 2024. This item is being presented to allow PBTAC members an opportunity to provide input on the striping layout, so staff can include it while developing the striping plan.

BACKGROUND

Willow Creek Road between Green Lane/Pulliam Drive and 4-Points will be repaved in the spring of 2024. As part of this type of pavement maintenance, the existing striping will be removed and replaced in kind. Whenever possible, staff reviews the striping to identify opportunities for vehicle, bike and pedestrian operation and safety improvements. In this corridor, improvements to the bike lanes (increased width) through small lane shifts, replacement of existing bike lane symbols and placement of additional new ones, and other small changes are available which will improve conditions. Staff will review the changes with PBTAC to get input and any other recommendations. The input will be used by staff to develop striping plans for use by the project contractor when the work is done later this year.

FINANCIAL IMPACT

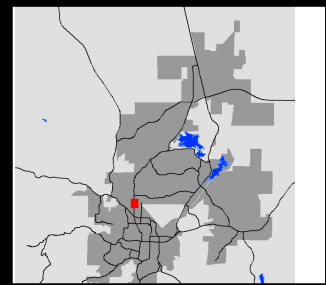
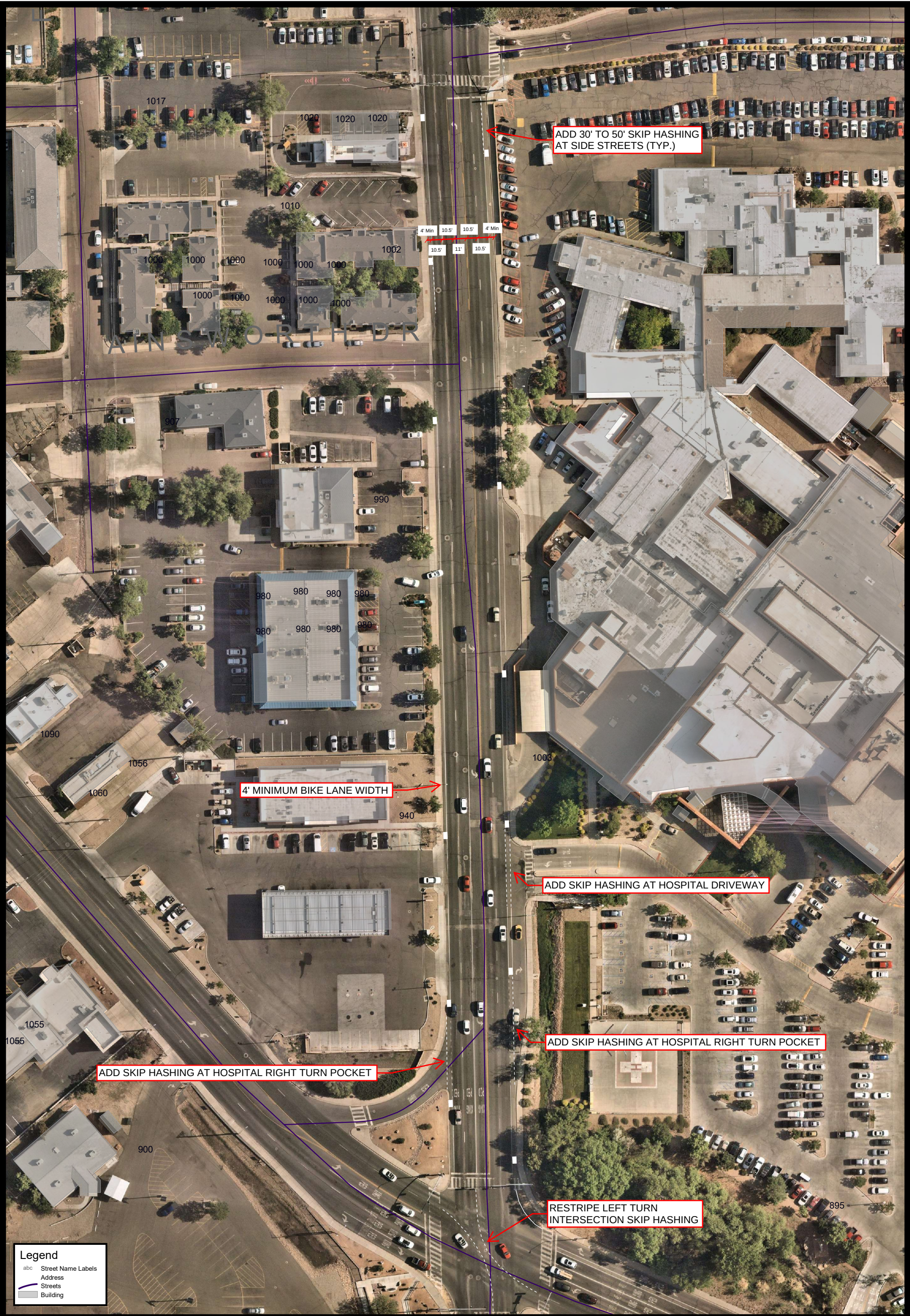
The striping is being replaced as part of the project, so minor changes to the lane alignments and the additional bike lane symbols will have a minimal impact on the budget for the project. Total striping changes are anticipated to cost between \$5K and \$7K.

RECOMMENDED ACTION

Discussion and possible recommendations related to updates provided by staff

ATTACHMENTS

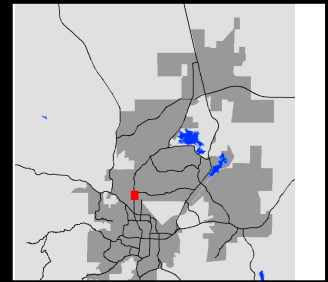
1. WCR Striping Plans - 1-08-23 PBTAC



WCR Stripping - Sheet 1

This map is a product of
The City of Prescott

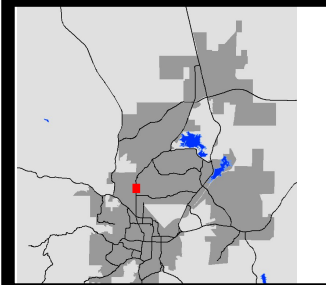
0' 1" = 86'



WCR Stripping - Sheet 2

This map is a product of
The City of Prescott

0' 1" = 86'

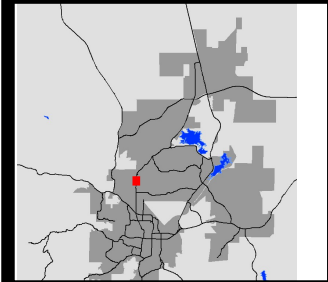


WCR Stripping - Sheet 4

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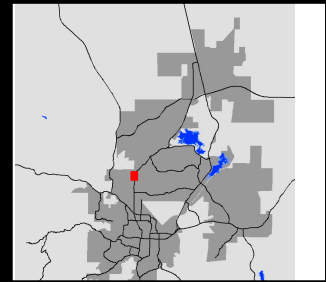
0' 86'



WCR Striping - Sheet 5

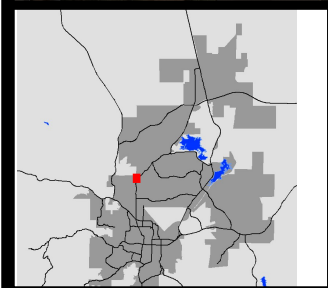
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WCR Stripping - Sheet 6

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WCR Striping - Sheet 7

This map is a product of
The City of Prescott



0' 86'



TO: MAYOR AND CITY COUNCIL
AGENDA: Jan 2024 Pedestrian Bicycle & Traffic Advisory Committee
DATE: January 8, 2024
DEPT: Public Works
ITEM #: 4.G
SUBJECT: Presentation & Discussion Regarding Ongoing Project Updates.

ITEM SUMMARY

Staff will provide updates and discussion for the following:

- SR89 Multi-Use Pathway Transportation Alternatives Grant
- Prescott Dexter/Near North Business District Vulnerable Road Users SS4A Grant
- Fair Street @ Gail Gardner Traffic Signal HSIP Grant

BACKGROUND

None.

FINANCIAL IMPACT

None.

RECOMMENDED ACTION

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

ATTACHMENTS

None