



**Show Low Community Transportation Plan Update  
Task Assignment: MPD0025-18**

**Technical Advisory Committee (TAC) Meeting #1**

Wednesday, February 28, 2018  
City of Show Low City Hall  
Duce of Clubs Conference Room  
10:30 am – 12:00 pm

**Attendees:**

Daniel Gabiou, ADOT MPD  
Shane Hemesath, City of Show Low  
Lisa Robertson, City of Show Low  
Bryan Cook, Navajo County  
Dave Switetanski, Apache County  
Ferrin Crosby, Apache County  
William Bess, Navajo County

Thomas Hakenewerth, MV Transportation  
Jennifer O'Connor, NACOG (via teleconference)  
Jason James, NACOG (via teleconference)  
Brent Crowther, Kimley-Horn  
Amy Garinger, Kimley-Horn  
Sarah Murley, Applied Economics

**Meeting Notes**

1. Study Objectives

- The study will identify transportation projects that not only address transportation needs but also support economic development in targeted areas in the region
- The study will provide a list of projects for which funding can then be pursued (via Federal grants, NACOG, ADOT, etc.) and that can be implemented by partners
  - Provide documented justification for projects; can be used by elected officials to understand the types of projects the region needs and what they might be able to support at the political level
  - Provide planning-level cost estimate
  - Projects may be on the State Highway System or on county or local roads
  - Projects will not be to the level of looking at signing and striping; focus will be on projects that can 'move the needle' in terms of transportation and economic development
- TAC will be encouraged to share deliverables with elected officials

2. Study Tasks

- Review of Study Area
  - TAC agreed that the proposed study area (as documented in the Work Plan) is comprehensive enough for this study
  - Study area does not include White Mountain Apache Reservation; there is a specific source of PARA funding to prepare transportation plans for tribal lands
- Review of previous studies

- There is currently an on-going study focused on public transit in the White Mountain Apache reservation – looking to expand existing transit service further north up US 60 to make a connection to Show Low
- White Mountain Regional Transportation Study – review for recommendations
- Central County Regional Study – included Holbrook
- Passenger Transportation Study (just beginning, NACOG)
- Stakeholder meetings/interviews to collect information on specific topic areas
  - Meetings will be 1-hour long focused discussions on the needs and opportunities within specific focus areas of transportation (economic development, community development/planning, transit, and public safety)
    - Focus will be on projects, priorities, issues, key corridors, etc.
  - Meetings will be scheduled for Monday, March 26, 2018 at Show Low City Hall
- Data Collection
  - TAC to send Kimley-Horn any data that is not available through ADOT
  - TAC members have very comprehensive traffic count data that is available via a data portal managed by NACOG
  - Challenge to get crash data in Apache County because data is not regularly reported ADOT
  - There have been multiple fatal crashes along Stanford Road that are not shown in ADOT data
    - Will work with Vernon Fire Department to see if they have any crash reports that can be shared to help provide crash data
    - NACOG has a data portal for safety data
      - Jason James will send KH a username and password
      - Tool includes functional classifications, traffic counts, crash data
- Public Meetings
  - Outreach brainstorming
    - Channel 54 in Show Low
    - Post on ADOT DMS in the region
    - Facebook for all agencies
    - Navajo County Communications – Adam Wolf
    - Show Low quarterly newsletter (goes with water bill)
    - Booth at public events
      - Show Low Days – 1<sup>st</sup> week of June
      - Run of the Pines car show in Pinetop – September
      - BBQ Throw Down – early May
      - Vernon Days
    - Flyers at Vernon fire district and school district meetings; library in Concho
  - Ways to get to management-level staff at the end of the project
    - Joint Council meeting between Show Low and Pinetop in May of each year
    - NACOG Regional Council Meeting
- Economic Overview
  - Will provide both an economic overview of current status and trends as well as recommendations for what the region might be competitive in and what is realistic

- Will be based on data available at the local, county and state level
- Part of the goal of the study is to potentially identify corridors that could exist but do not and thus are impacting the growth potential of the region

### 3. Open Discussion

- Discussion of key projects/issues
  - Extend Scott Ranch Road to Penrod Rd; currently terminates at Show Low Lake Road (starting at the SR 260)
    - Would provide a critical connection within the region to cross the Show Low Creek and connect to that portion of the City, and especially the hospital
    - Especially important in the event of a flood that takes out existing bridges; if that happened today, it would require a very long detour to reach the hospital
    - Have applied for a TIGER grant for this project many times but have not been selected (and they will keep submitting); there are also 30% design plans already available
  - The economic hub of Show Low is around the Walmart/hospital area (intersection of the SR 260 and Cub Lake/Show Low Lake Rd), but the roadways are not well suited for freight traffic and is often quite congested
  - Porter Mountain Road connecting Navajo and Apache County
    - Identified in 2007 Southern Apache-Navajo Regional Transportation Study as a joint-county project to make it 4 lanes (by 2020) between Vernon and Show Low (includes Porter Mtn. and Apache County 3144)
    - Provides an important connection and is an emergency route
    - Show Low and Forest Service looking to pursue a federal grant to improve the connection
  - US 60 is getting near capacity in some areas
    - Porter Mountain intersection; Bordon Ranch intersection
    - At the 'Y' where US 60 and SR 61 splits
      - Would tie into current project being done on Stanford Road
    - Interested in acceleration and deceleration separation
  - Commuter traffic from people who live in Show Low and work at power plant
    - Wolford Road connects the 260 and US 60 and carries 12,000 vehicles per day who use it as a bypass to avoid congestion on US 260, but the road was only designed to handle 2,500 vehicles per day
  - Northern Show Low is hard to get to because there is only one route in and one route out (have to turn around)
    - The City is looking at ways to get a corridor that bisects the area – this is considered a big future corridor for the City
  - Quarter Mountain Creek culverts
    - 4 culverts that are old and not in good enough condition to repair – looking to build a bridge to replace all four of them (considering applying for a TIGER grant)
  - Billy Creek Bridge in Pinetop/Lakeside has been a priority for them

### 4. Next Steps

- Stakeholder interviews scheduled for Monday, March 26, 2018 at Show Low City Hall

- NACOG is conducting the second round of their sub-regional meetings on Tuesday (Navajo County) and Wednesday (Apache County)
  - Discussions will be about expanding transportation and transit options and data gathering to support this
  - NACOG can provide KH will call in number to listen in

# **Show Low Community Transportation Plan**

**TAC Meeting 1**

February 28, 2018

# Agenda

1. Introductions
2. Study Objectives
3. Study Tasks
4. Project Schedule
5. Open Discussion
6. Next Steps

# Study Objectives

1. Review current and future transportation conditions
2. Identify transportation issues and needs
3. Identify and analyze alternatives to improve transportation in the study area
4. Prepare an economic analysis to assist in project justification, funding applications, and prioritizing projects
5. Develop a 20-year phased improvement program

# Study Area

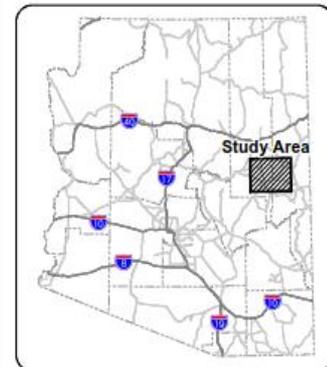
## SHOW LOW COMMUNITY TRANSPORTATION PLAN UPDATE STUDY AREA

### Legend

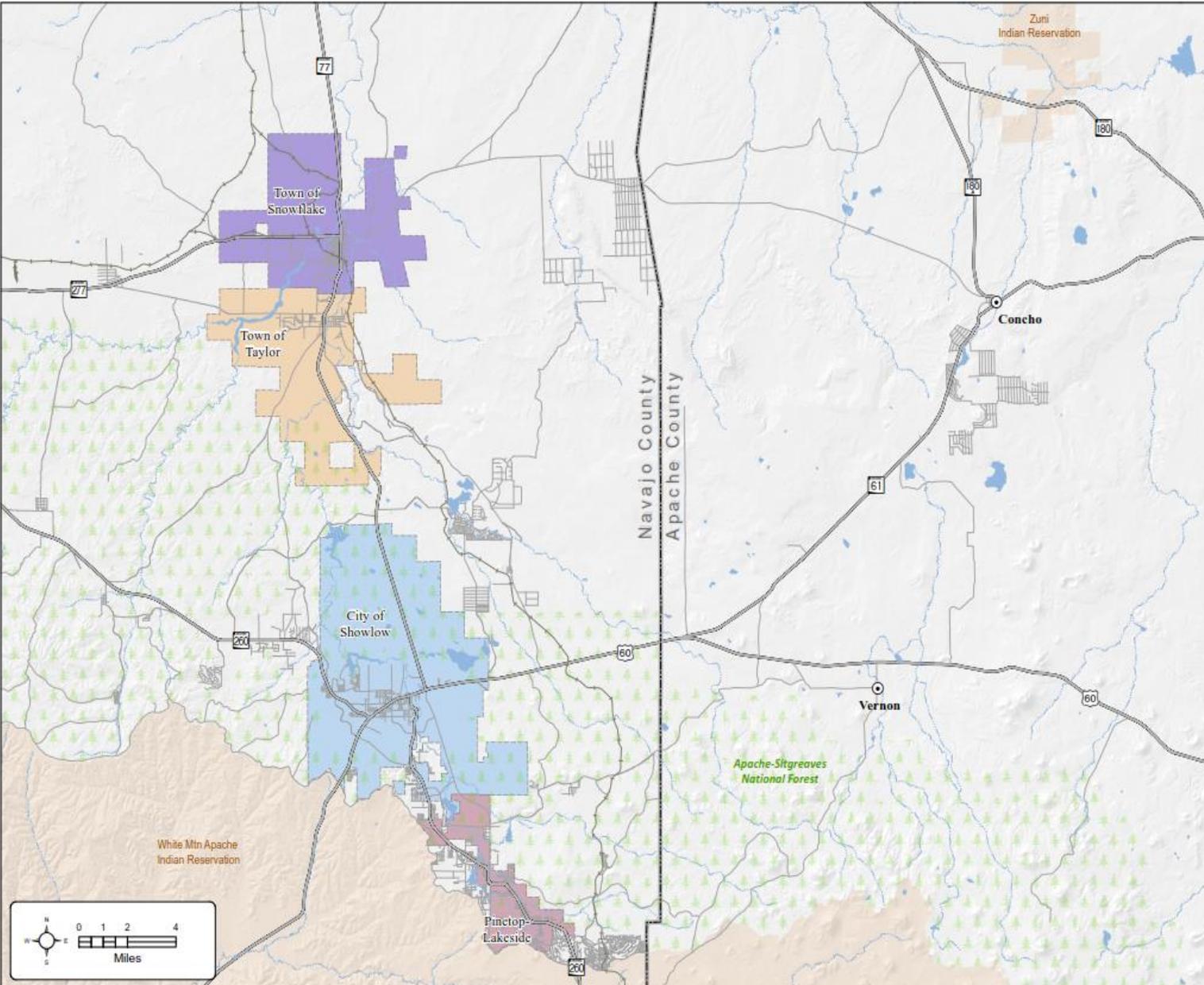
-  Lake
-  River/Wash
-  Apache-Sitgreaves N.F.
-  Indian Reservation
-  Railroad
-  County Boundary
-  State Highway System
-  Street

### City/Town

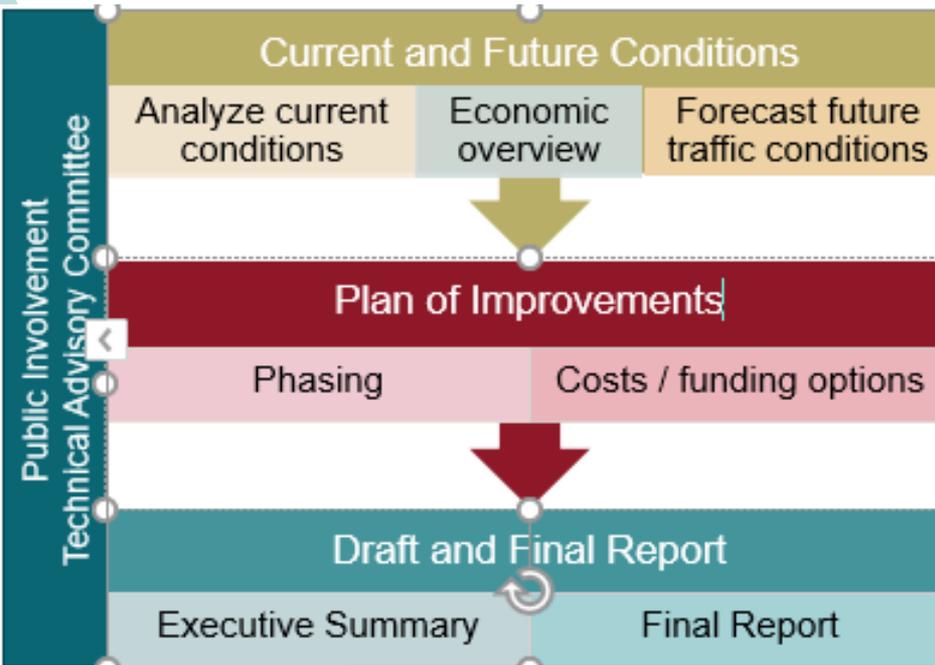
-  City of Show Low
-  Pinetop-Lakeside
-  Town of Snowflake
-  Town of Taylor
-  Unincorporated Community



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# Study Tasks



1. Project Kickoff Meetings
2. Working Paper 1 – Current and Future Conditions
3. Public Outreach – Phase 1
4. Working Paper 2 – Plan of Improvements
5. Draft Final Report
6. Public Outreach – Phase 2
7. Public Involvement Summary Report
8. Final Report
9. GIS Data / Project Closeout
10. Coordination

# Project Kickoff Meetings

- TAC Meeting 1 - today
- Stakeholder meeting groups:
  - Transit
  - Economic Development/Business  
Community/Government leaders
  - Community Planning, Engineering and Maintenance
  - Emergency Services and Public Safety

***Kickoff meetings will help to identify transportation needs***

# Working Paper 1: Current and Future Conditions

- Compile and assess existing transportation data to assess deficiencies
- Economic and demographic overview
- Forecast future traffic conditions

# Working Paper 1 – Existing Transportation Conditions

- Focus – Define existing transportation needs
- Key elements:
  - Review plans and studies
  - Road characteristics
  - Review traffic count data and ID traffic count needs
  - Analyze traffic data, determine historic growth rates
  - Identify truck routes
  - Review functional classifications and potential upgrades
  - Document pavement condition
- Document ITS and ITS needs
- Analyze crash data (2012-2016)
- Document transit service statistics and needs, and potential future service needs and passenger amenities
- Inventory and evaluate needs for pedestrian and bicycle improvements

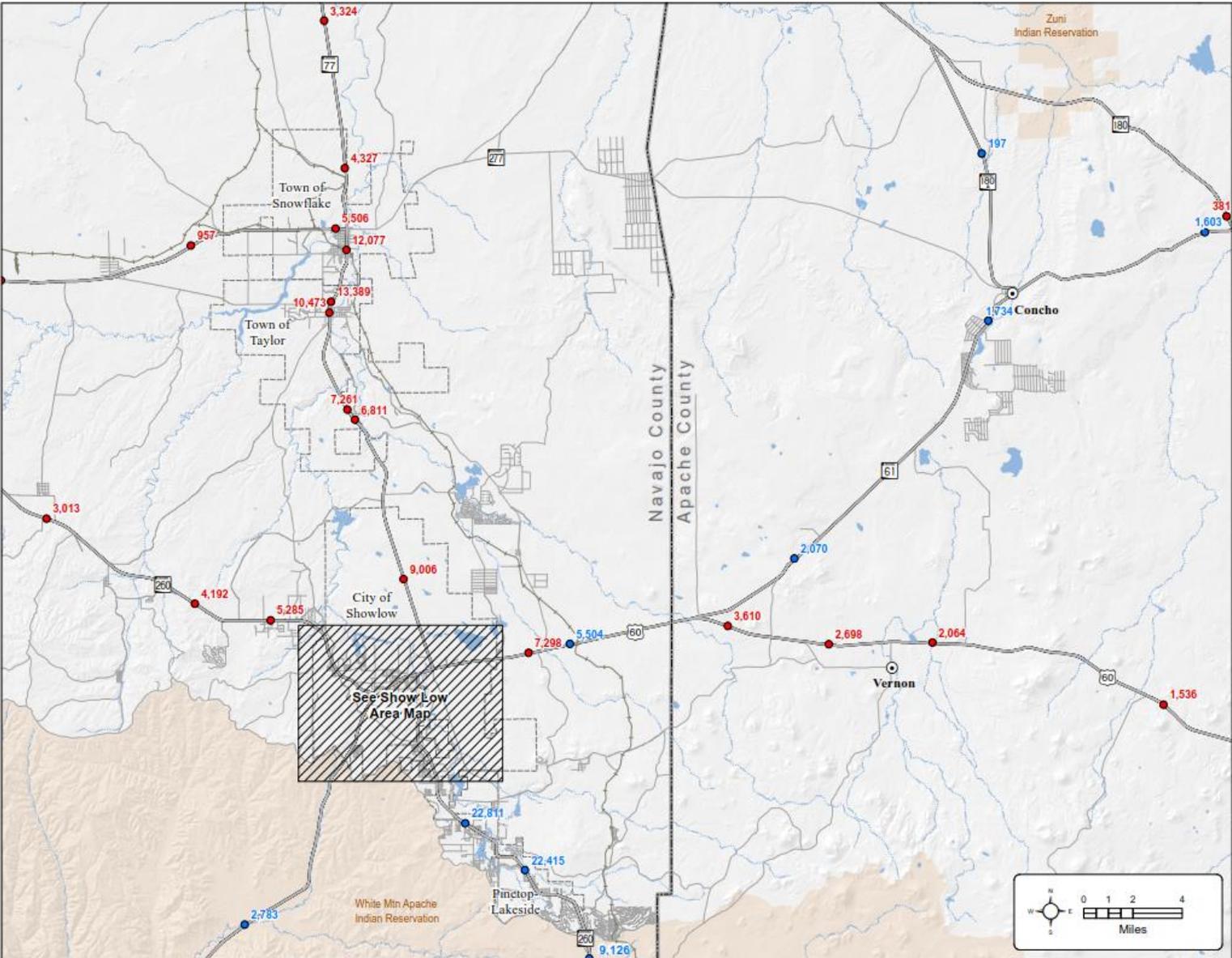
# Working Paper 1 – Economic and Demographic Overview

- Focus is to identify strengths and issues in the local economy that improved transportation can support
- Key elements:
  - Population trends and demographic characteristics
  - Labor force and unemployment
  - Industry mix and job growth
  - Income and wage growth
  - Economic conditions – taxable sales and construction activity

# Working Paper 1 – Future Conditions

- Focus is to identify future transportation needs
- Key elements:
  - Forecast future traffic for 5, 10 and 20 year periods using historic growth rates and trip generation/ distribution from anticipated developments
  - Calculate Level of Service
  - Identify transportation needs for roadways and intersections

# Current Traffic Count Data – State Routes



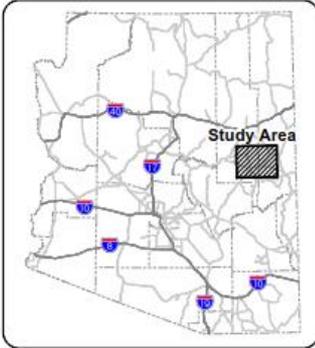
SHOW LOW COMMUNITY TRANSPORTATION PLAN UPDATE  
EXISTING FUNCTIONAL CLASS

**Legend**

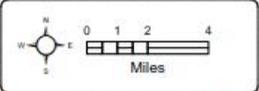
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- Indian Reservation
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- County Boundary
- State Highway System
- City/Town Limits
- Unincorporated Community

**Traffic Count Locations**

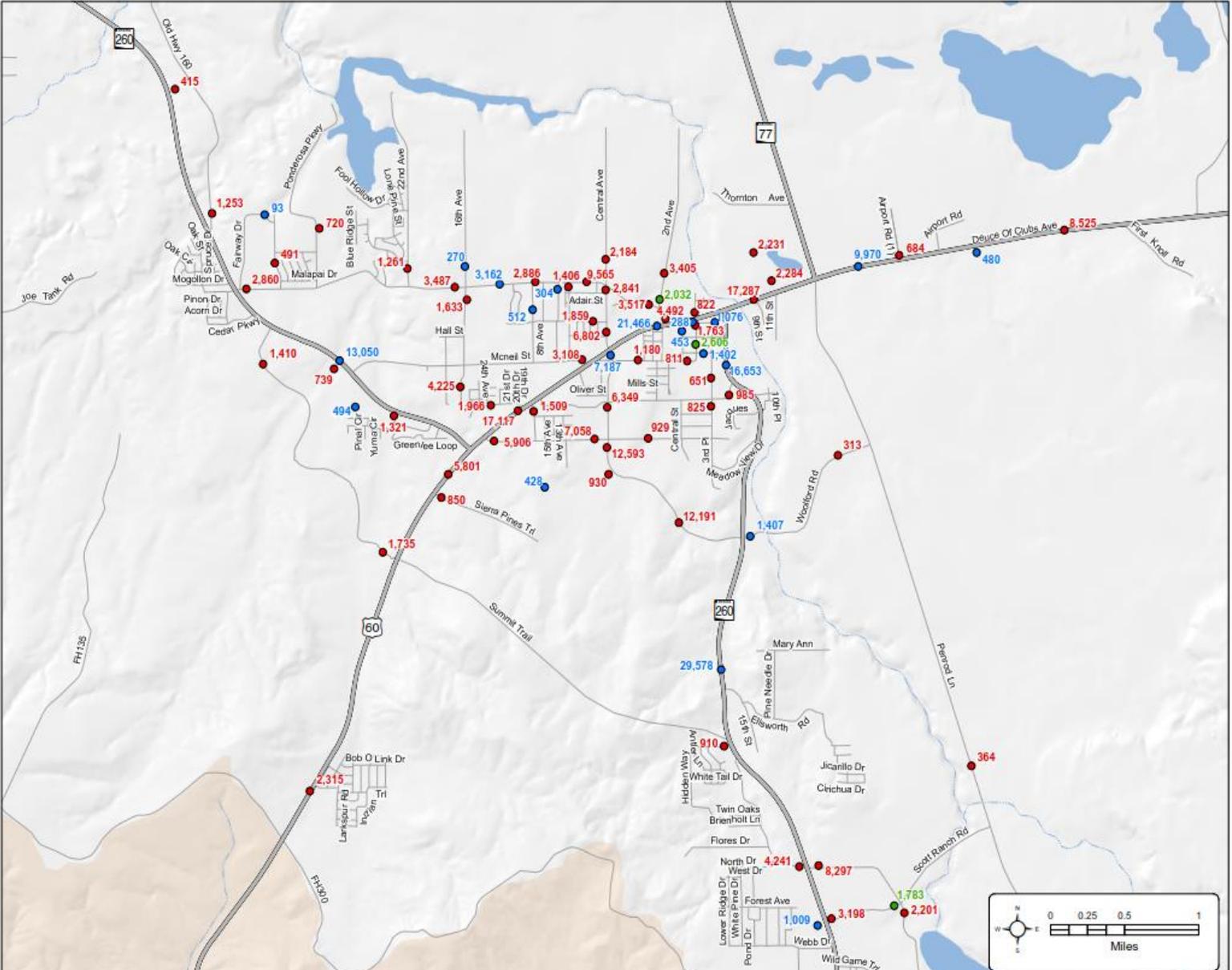
- 2015
- 2016
- 2017



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# Current Traffic Count Data - Show Low



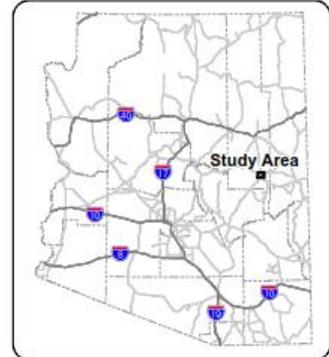
## SHOW LOW COMMUNITY TRANSPORTATION PLAN UPDATE TRAFFIC COUNT LOCATIONS

### Legend

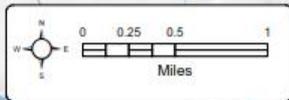
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### Traffic Count Locations

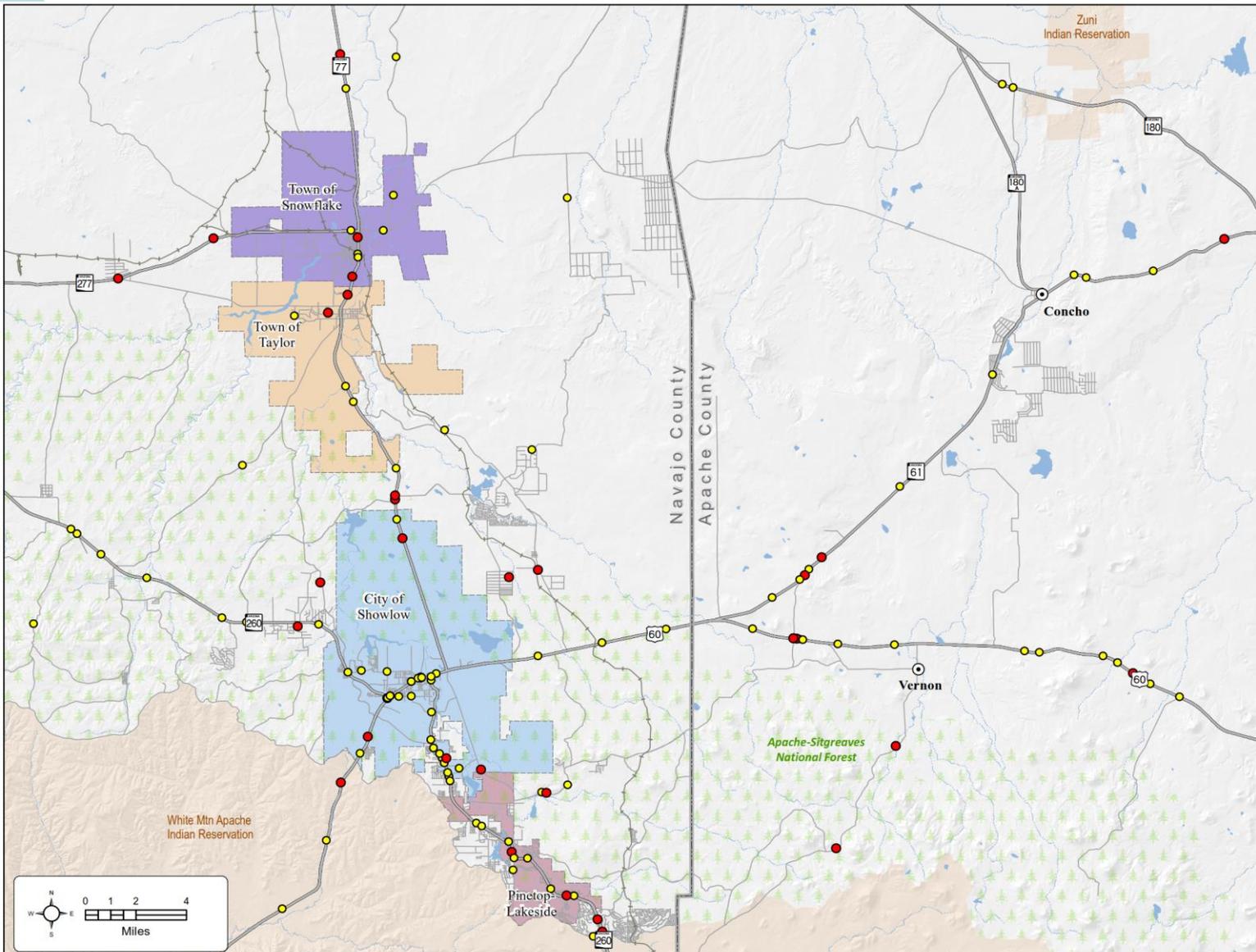
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- 2016
- 2017



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# Fatal and Injury Crashes 2012-2016



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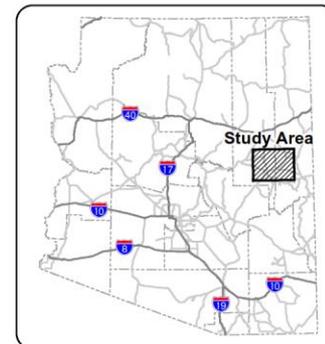
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### 2012 - 2016 Crashes

- Fatal
- Incapacitating Injury



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# Public Outreach

- Phase 1 – Survey
  - Will confirm transportation needs and priorities
  - Posted online with hard copies available
  - Will be advertised through local TV Channel 54, inserts in water bills , press releases, and announcements to City and Town Councils
- Phase 2 – Public Meeting
  - Either presentation to NACOG or a City Council meeting
- Public Involvement Summary Report
  - Document all outreach

# Working Paper 2 – Plan of Improvements

- Develop transportation projects
- Develop planning level cost estimates and potential funding sources
- Develop evaluation criteria with TAC to prioritize projects
- Economic evaluation - For the top 10 to 15 projects, identify the area of impact. Based on general plan land use for vacant parcels, convert acres by land use into building area and corresponding employment that could be supported in the future as a result of the improvement.

# Draft and Final Report

- Will include:
  - Short, mid-, and long term improvement recommendations
  - Data and findings from working papers
  - Public involvement summary
  - Executive summary



# Project Schedule

- Approximately 12 month schedule

# TAC Open Discussion

- Locations for additional traffic counts?
- Upcoming projects in the area
- Comments on transportation needs
- General comments

# Next Steps

- Stakeholder meetings:
  - Economic Development/Business Community/Government leaders - today at 1 p.m.
  - Transit - TBD
  - Community Planning, Engineering and Maintenance - TBD
  - Emergency Services and Public Safety - TBD
- Draft Working Paper 1