

| Agency | Community | From | To | AADT | Year | Source | Length (Miles) | Percent Trucks |
|--------------------------------------|---------------|------------------------------------|---|--------|------|--------|----------------|----------------|
| SR 90 | | | | | | | | |
| Arizona Department of Transportation | Benson | I-10 | Benson Town Boundary (South) | 9,172 | 2004 | HPMS | 17.3 | 7.0% |
| | Huachuca City | Sierra Vista City Boundary | Howard Street | 15,382 | 2004 | HPMS | 5.1 | 5.3% |
| | Sierra Vista | Hatfield Street | Moson Road | 13,583 | 2004 | HPMS | 15.9 | 5.2% |
| SR 92 | | | | | | | | |
| Arizona Department of Transportation | Sierra Vista | SR 90 | Coronado Memorial Road | 21,833 | 2004 | HPMS | 13.6 | 4.8% |
| | Bisbee | Bisbee City Boundary | MP355+0.11 | 8,332 | 2004 | HPMS | 14.7 | 4.4% |
| US 180 | | | | | | | | |
| Arizona Department of Transportation | St. Johns | C345 | St. John City Boundary (South) | 3,639 | 2004 | HPMS | 13.1 | 7.1% |
| | Springerville | Springerville Town Boundary (West) | Springerville Town Boundary (Southeast) | 3,146 | 2004 | HPMS | 9.9 | 11.4% |
| | Eagar | Chiricahva Trail | Why Street | 2,085 | 2004 | HPMS | 2.4 | 13.6% |
| US 191 | | | | | | | | |
| Arizona Department of Transportation | St. Johns | Commercial Street | St. John City Boundary (East) | 1,262 | N/A | HPMS | 2.2 | 7.1% |
| | Clifton | Buro Way | MP157-0.36 | 3,522 | 2004 | HPMS | 6.5 | 7.1% |
| | Safford | Safford City Boundary (Northeast) | Upper Solomonville Road | 2,918 | 2004 | HPMS | 1.2 | 6.5% |
| US 60 | | | | | | | | |
| Arizona Department of Transportation | Show Low | Mogollon Rim Road | Show Low City Boundary (East) | 12,516 | 2004 | HPMS | 10.8 | 10.8% |
| | Springerville | Springerville Town Boundary (West) | Springerville Town Boundary (East) | 4,759 | 2004 | HPMS | 8.1 | 8.4% |
| US 70 | | | | | | | | |
| Arizona Department of Transportation | Pima | Pima Town Boundary (Northwest) | Alder Lane | 6,400 | 2004 | HPMS | 7.0 | 5.6% |
| | Thatcher | Main Street | 20th Avenue | 13,001 | 2004 | HPMS | 3.6 | 6.5% |
| | Safford | 20th Avenue | 20th Street | 12,468 | 2004 | HPMS | 5.4 | 6.5% |
| | Duncan | Wilson Street | 7th Street | 1,167 | N/A | HPMS | 1.5 | 5.6% |

SOURCE: Highway Performance Monitoring System – FHWA, 2005

2.4.5 Existing and Proposed Major Bridges

ADOT provided a bridge inventory for the entire Eastern Framework Study Area, for the state routes. There are an estimated 877 bridge structures within the study of varying sizes and types. Bridge conditions are assessed by ADOT using Bridge Sufficiency Ratings as provided by the ADOT Bridge Section. The ranges of the ratings and what each rating means are as follows:



- <50 Eligible for Replacement
- 50-80 Eligible for Rehabilitation
- >80 Good Condition

Within the Eastern Framework Study Area the average sufficiency rating is approximately 86. Approximately 81 percent are rated in Good Condition, 18 percent are rated Eligible for Rehabilitation, and 1 percent are rated Eligible for Replacement. Eight bridges fall within the Eligible for Replacement category with a sufficiency rating of less than 50:

- SR 77 – Bridge at milepost (MP) 370.78
- SR 77 – Five Mile Draw Bridge (MP 366.51)
- SR 191 – San Francisco River Bridge (MP 163.3)
- SR 191 – Zuni River Bridge (MP 331.6)
- SR 191 – Guthrie Bridge, Gila River (MP 153.5)
- SR 191 – Cochise SPRR OP (MP 62.8)
- SR 373 – Santa Cruz River Bridge
- I-10 – RCB EB & WB (MP 304.7)

Currently the SR 191 – Cochise SPRR OP is the only bridge programmed to be replaced according to Arizona's 2008-2011 State Transportation Improvement Plan.

Mogollon Rim Focus Area

Within the Mogollon Rim Focus Area major bridges include locations where the Little Colorado River crosses SR 180, SR 191, and SR 260. This focus area also includes the Salt River Canyon Bridge (Apache Bridge), where US 60 crosses the Salt River, within the Salt River Canyon. This bridge has a main span of 186 feet.

Copper Country Focus Area

Major water features in the Copper Country Focus Area includes the San Francisco River the Upper Gila River and the San Simon River. These rivers cross US 70, US 191, and SR 75, with significant bridges at each location.

Within the Safford area there are four crossings of the Gila River providing access to major mining operations, agricultural areas, as well as access to the regional airport. These crossings include:

- East Sanchez
- North 8th Avenue
- Reay Lane
- Bryce Road

Cochise-Santa Cruz Focus Area

Within the Cochise-Santa Cruz Focus Area the San Simon River, the Santa Cruz River and the San Pedro River cross major roadways. I-10 is intersected by the San Simon River. The San Pedro River crosses I-10, SR 80, SR 82, SR 90, and SR 92. The Santa Cruz River crosses SR 82, just north of Nogales.

Table 2-20 shows the proposed bridge improvements within the Eastern Framework Study Area, as indicated in either ADOT's 5-year STIP program or local capital improvement programs.

Table 2-20 – Proposed Bridge Improvements

| Project | Location | Type of Work | Year | Major Funding Sources | Total Cost (\$000) |
|----------------------------|---|---|--------------|----------------------------------|--|
| ADOT 5-Year Program | | | | | |
| US 60 | Show Low Creek Bridge #00383 (Navajo) | Construct Bridge | 2008 | GVT STP TOTAL | \$1,000 \$3,500 \$4,500 |
| US 191 | Cochise SPRR OP #2530 (Cochise) | Bridge Replacement | 2008 | STP BR TOTAL | \$750 \$2,500 \$3,250 |
| US 191 | Nahata'Dzil Road to Sanders TI (Apache) | Reconstruct 3 Bridges and Roadway | 2009 | STP HES TOTAL | \$15,254 \$1,528 \$16,782 |
| Local TIPs/CIPs | | | | | |
| Lone Pine Dam Road Bridge | Lone Pine Dam Road (Navajo County) | Construct Bridge and Approaches | 2008 | FEDERAL | \$2,000 |
| Obed Road Bridge | Obed Road (Navajo County) | Replacement | 2009 | FEDERAL | \$1,000 |
| Scott Ranch Road | Penrod Road to SR 260 (Show Low) | Construct New Roadway with CG&S, New Bridge Across Show Low Creek | 2009 | FEDERAL | \$1,000 |
| Tonto Creek Bridge | Tonto Creek (Gila County) | Construct Bridge | 2008 to 2012 | FEDERAL LOCAL TOTAL | \$2,960 \$592 \$3,552 |
| Safford Bridge | Graham County | Construction | 2008 | FEDERAL LOCAL TOTAL | \$12,037 \$1,911 \$13,948 |

SOURCE: Arizona State Transportation Improvement Program 2008-2011, ADOT, 2007

2.4.6 Railroad Grade Crossings (state highways & principal arterials only)

According to ADOT's Communications and Community Partnerships (CCP) Division, there are 805 public at-grade railroad crossings within the state. There are 13 active, at-grade railroad crossings in the study area. Crossings along the state highway system within the study area were identified utilizing geographic information system (GIS).