Providing connections that improve people’s lives
Transportation infrastructure is vital to residential life, business operations and future economic development.

- **436 bridges & culverts** providing connections across the valley’s seasonal waterways.
- **166 signalized intersections** 121 connected to the MCDOT Traffic Management Center for monitoring and greater efficiency.
- **2,128 miles of paved roadways** includes local, collector and arterial roadways.
- **396 miles of dirt roadways** includes many rural and local roadways.
- **59,056 traffic signs** 9,852 Critical signs- stop, yield, railroad.
- **27,000 feet of guardrail at 61 locations** improving safety for all roadway users.
1,296 tons of asphalt repairs to improve rideability

10+ tons of trash removal performed by MCDOT Adopt a Highway volunteer groups

5,219 signs replaced damaged or aging signs restored

1,775 new signs installed guiding and informing drivers

48,360 gallons of paint roadway striping improves safety and traffic flow

396,350 pounds of reflective glass beads improving roadway striping visibility
Using today’s technology to create innovative solutions for tomorrow’s roadways

52 adaptive signals
Improving traffic flow by installing sensors to automatically adjust signal timing in response to real-time traffic patterns.
Partnered with five cities, Arizona Department of Transportation (ADOT) and the Maricopa Association of Governments (MAG) to install adaptive signal control technology at 52 intersections along Bell Road from Surprise to Scottsdale.

11 connected intersections
Implementing new connected vehicle technology at the Anthem Test Bed allows vehicles to talk to traffic signals. This provides signal priority at intersections for emergency vehicles, buses and pedestrians.

27,000 gallons of fuel saved
Signal improvements along four busy roadways reduced overall fuel consumption by approximately 27,000 gallons.
The Transportation Improvement Program (TIP) contains planned roadway system projects for new or enhanced roadways, bridges, drainage structures, intersections, Intelligent Transportation Systems (ITS) and more.

<table>
<thead>
<tr>
<th>Projects</th>
<th>Community Outreach</th>
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</thead>
<tbody>
<tr>
<td><strong>80</strong> TIP Projects</td>
<td><strong>88</strong> news stories</td>
</tr>
<tr>
<td><strong>$92M</strong> in TIP projects</td>
<td><strong>↑32%</strong> facebook</td>
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</tbody>
</table>

Community Partnerships

- **29** partners
- **$82M** in projects jointly funded by partners
- **↑12%** twitter
- **↑75%** instagram
- **↑34%** linkedin

Public & Agency Involvement

- **100+** coordination meetings
- informing and engaging Maricopa County residents and stakeholders on roadway projects
- increase in social media following
Thank you for taking the time to view our annual report. Residents and visitors alike depend on Maricopa County’s transportation system to connect them to all aspects of life. Which is why our Core Purpose is “providing connections that improve people’s lives.”

To achieve this, we are structured into work groups that allow us to…

- Plan for the future
- Design a seamless transportation system
- Build a connected community
- Maintain the county’s transportation assets
- Operate transportation systems to reduce your travel time

In this report, we are sharing with you just a fraction of how we invest in transportation infrastructure, preserve your roads, plan for the future by seeking out innovative solutions and provide connections through communication and partnerships.

Our 400 employees strive to provide you with excellent customer service. We are committed to being service-minded, team builders who get it done with a smile. It is our privilege to make sure that Maricopa County’s residents and visitors have a transportation system that is well managed and operates efficiently.

Jennifer Toth
Director and County Engineer
Maricopa County Department of Transportation

Visit us at mcdot.maricopa.gov