



# Arizona Truck Parking Study: State DOT Perspective on Prioritizing Truck Parking

Talking Freight Webinar

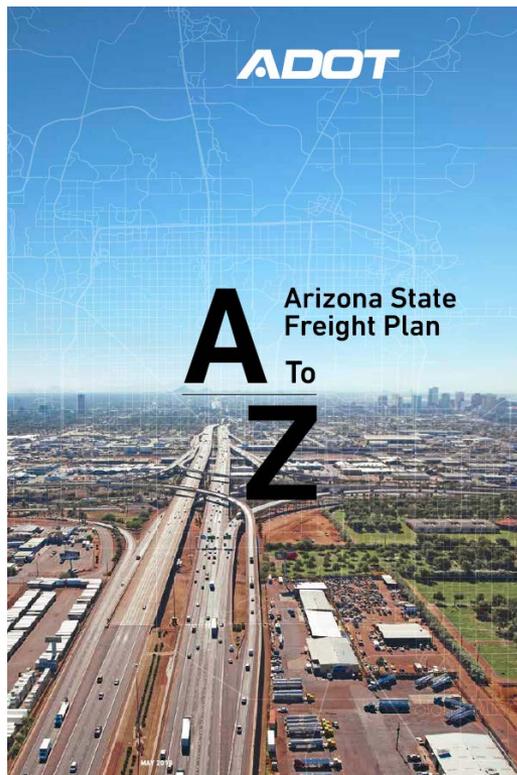
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# National Freight Movement – Trade Flows

## Connecting the Arizona Freight Plan to the Nation



# Setting the Stage: Arizona's Top 10 Freight Sectors

**137 Million Tons / \$188 Billion of Freight Flows  
Generated by Top 10 sectors**



Mining



Transportation & Logistics



Energy



Food & Beverage



Forestry



Wholesale & Retail



Transportation Equip.  
Manufacturing



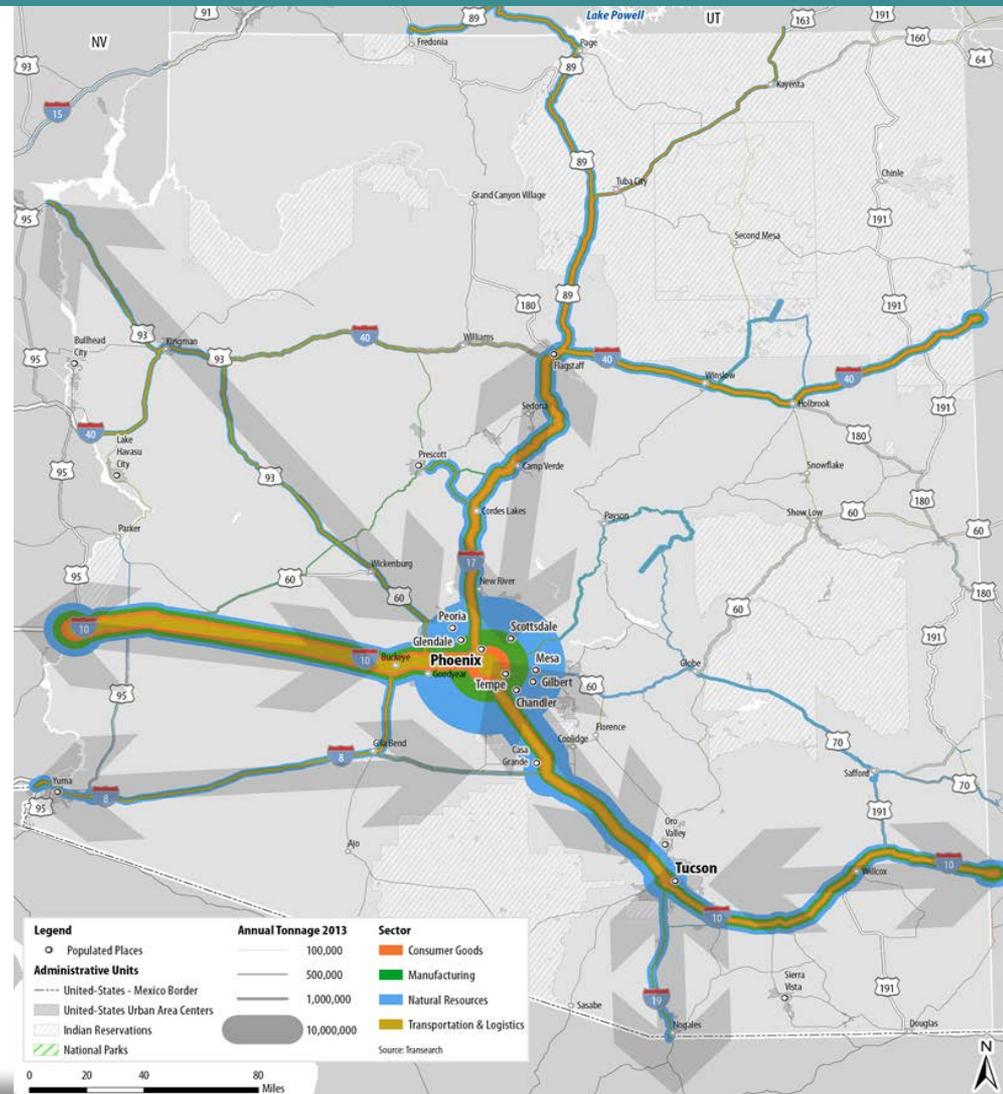
High Tech & General  
Manufacturing



Agriculture

# Freight Movement in Arizona – Originating or Destined for Arizona

- ▶ **I-10 West** connects to largest trading partner; California
- ▶ **I-10 between Phoenix and Tucson** is an important Intrastate Freight Corridor
- ▶ **I-17** is primary N-S Freight Corridor connecting to I-40 and beyond (Utah)



# From Freight Plan to Truck Parking

## Early Coordination with MPOs Set the Stage

- ▶ Coordinated Freight Plans
- ▶ Highways vs Urban Arterials
- ▶ Developed a formula for CUFC Designation

## State Freight Advisory Committees (FAC) Involvement

- ▶ Engaged Critical Public and Private Stakeholders
- ▶ Arizona FAC Advised Development of Freight Plan

## ADOT Commitment to Truck Parking

- ▶ Set aside \$10M for future truck parking project

# Lessons Learned: Partnership is Key!

## Private Sector

- ▶ Arizona Trucking Association
- ▶ OOIDA
- ▶ Knight & Swift Transportation
- ▶ Numerous local Trucking Companies
- ▶ NATSO

## Public Sector

- ▶ ADOT Enforcement & Compliance
- ▶ ADOT Rest Areas
- ▶ ADOT Safety & TSMO
- ▶ Department of Public Safety
- ▶ FHWA
- ▶ Maricopa Association of Governments
- ▶ Arizona State University



# Lessons Learned: Project Scoping and Gathering Truck Parking Data

## Working with Partners

- ▶ Division of the Truck Parking Study between ADOT and MAG
- ▶ Split Urban and Rural Contexts
- ▶ Stagger State and MPO Studies to Avoid overlap
- ▶ Partner with the Arizona Trucking Association and OOIDA



# Lessons Learned: Arizona Truck Parking Data

## Lessons Learned

- ▶ Observing Illegal Activity through GPS
- ▶ Different Parking needs in Urban vs Rural Areas
- ▶ 'Gray' Truck Parking
- ▶ Context is Key



# “Gray” or Undesignated Truck Parking



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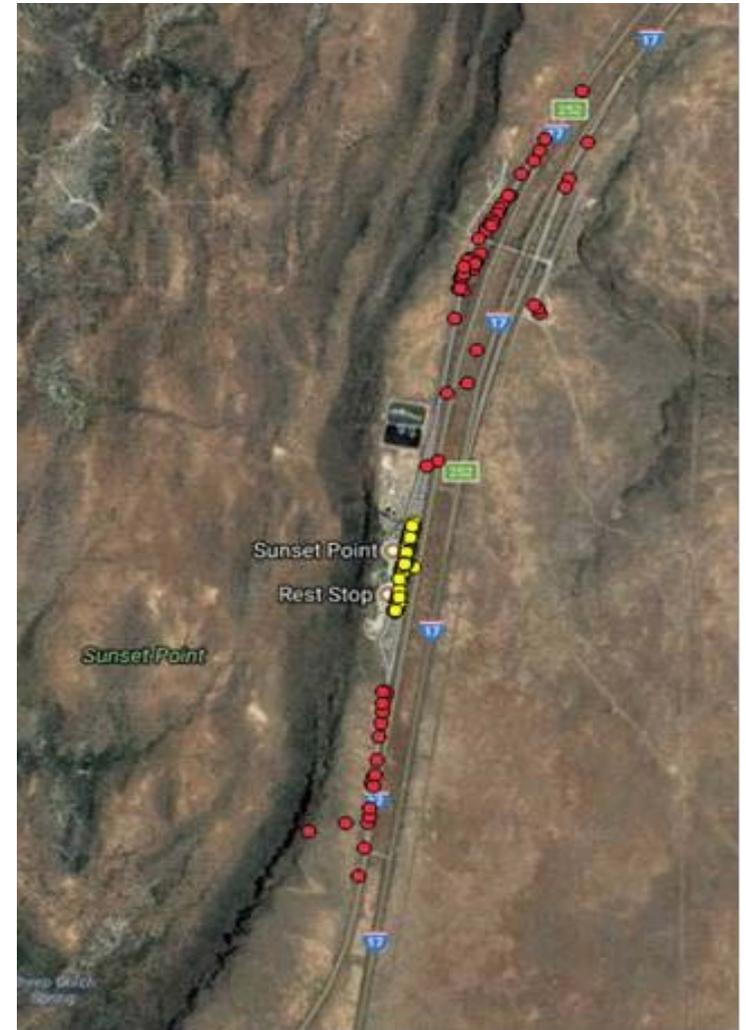


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# Undesignated Truck Parking....



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# Future Tasks and Implementation

## Work Underway on Final Phase of Truck Parking Study

- ▶ Parking Improvement Strategy
- ▶ Funding & Financing Opportunities

## Other Activities

- ▶ MAG Truck Parking Study
- ▶ I-10 Coalition
- ▶ Western States Freight Coalition



# Positioning for the Future

## Grant Opportunities

- ▶ Smart Truck Parking
- ▶ Real Time Spaces and Travel Time
- ▶ 12 Rest Areas along I-10

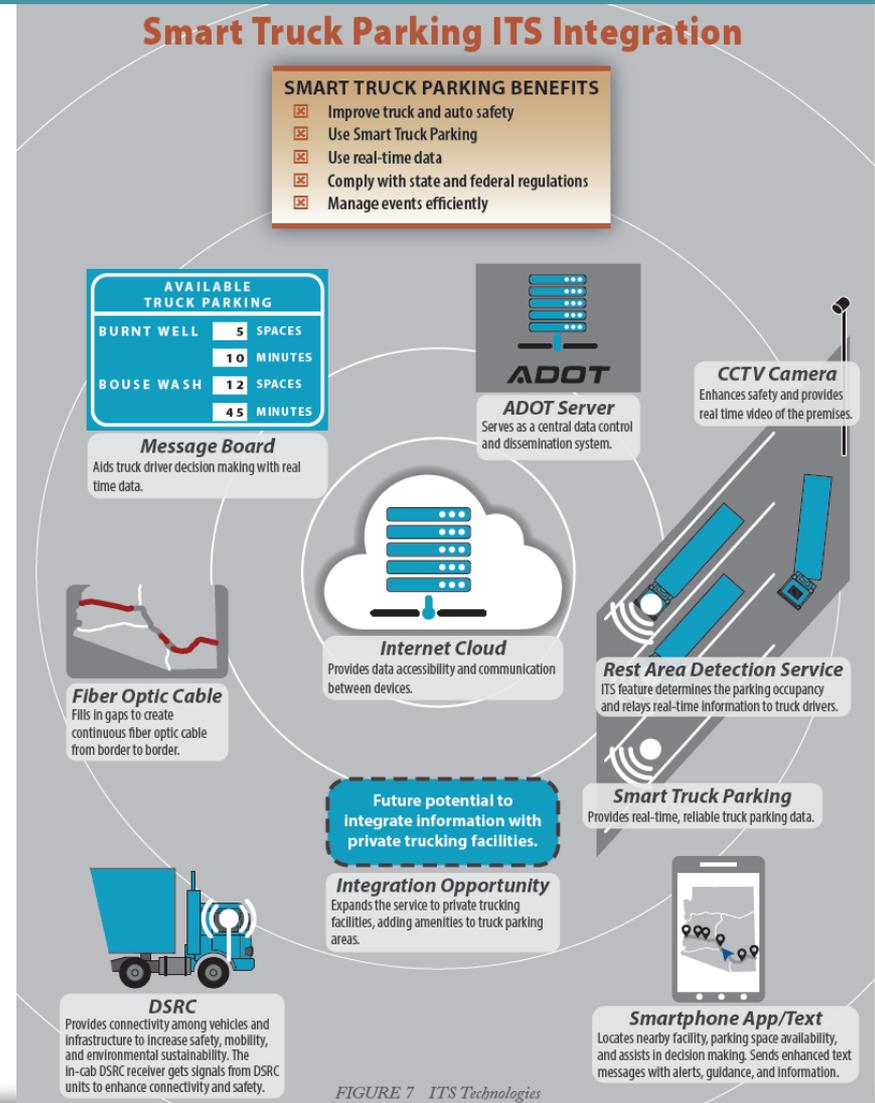


FIGURE 7 ITS Technologies

# THANK YOU

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