

*Putting a plan together...*

# **Electric Vehicle Infrastructure Deployment Plan**

# IIJA Funding for EV and Charging Infrastructure

## \$30.7 BILLION+

### GENERAL FUNDING BY CATEGORY

- Deployment of EVs and related infrastructure | **\$7.5 BILLION**
- Deployment of clean vehicles and fueling infrastructure | **\$12.7 BILLION**
- Grid and battery-related investments | **\$10.3 BILLION**

### MAJOR PROGRAM FUNDING

- National Electric Vehicle Infrastructure Formula Program | **\$5 BILLION**
- National Electric Vehicle Infrastructure Grant Program | **\$2.5 BILLION**
- Clean School Bus Program | **\$5 BILLION**
- Low- and No-Emission Transit Bus Program | **\$5.6 BILLION**
- Electric or Low-Emitting Ferry Pilot Program | **\$250 MILLION**

### OTHER RELATED PROGRAMS

- Surface Transportation Block Grant Program: includes EV charging and vehicle-to-grid infrastructure | **\$72 BILLION**
- Congestion Mitigation and Air Quality Improvement Program: can be spent on medium- or heavy-duty zero emission vehicles and infrastructure | **\$13.2 BILLION**
- Reducing Truck Emissions at Ports: Evaluates emissions benefits due to truck electrification and emerging technologies | **\$250 MILLION**

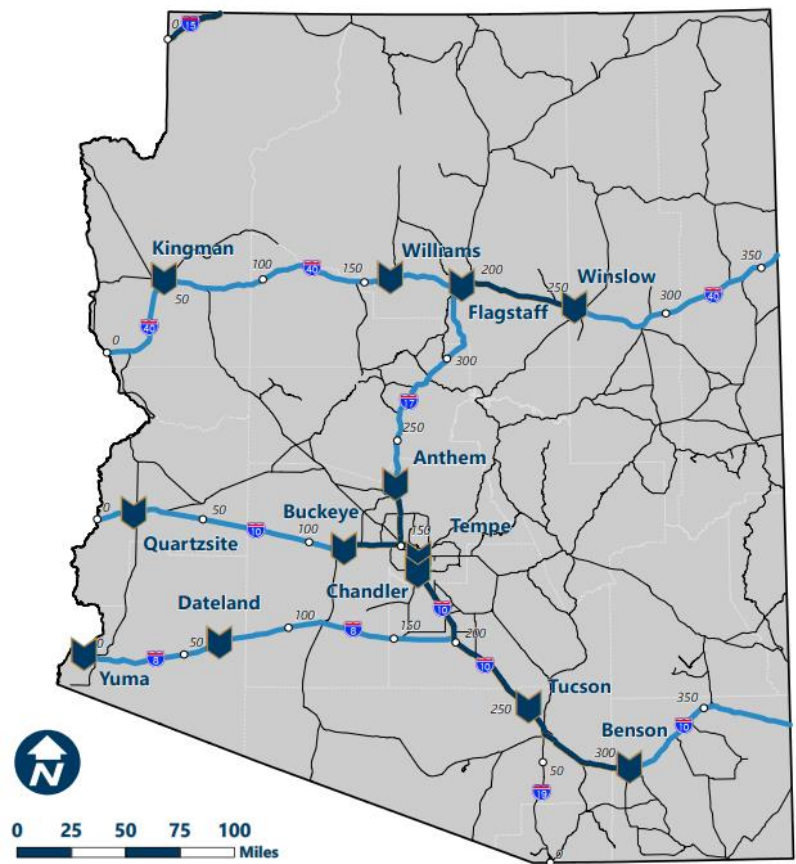
## Program overview

- Nearly **\$5 billion** will be made available to states under the NEVI program
- Purpose of the program is to deploy EV charging stations along the States alternative fuel corridors
- Arizona's share is **\$76.5 million** over the next five years
- To access funds, we are required to submit a deployment plan by **Aug. 1, 2022**

## Station requirements

- One station every 50 miles within one mile of the freeway (exceptions can be granted)
- Each station is required to have a minimum of 4 - 150 Kilowatt direct current fast chargers with combined charging system (CCS) ports
- The minimum charging capacity for the whole station is 600 Kilowatts and the station must be able to charge four electric vehicles simultaneously

# State of Arizona Electric Vehicle Corridors & Fuel Sites



Station Name	City	Distance from Corridor (mi.)	Access
Target T2083	Yuma	0.168	I-8 Exit 2 - Signage Pending
Wellton Crude Parcel	Dateland	0.100	I-8 Exit 67 - Signage Pending
Love's Travel 286	Quartzite	0.137	I-10 Exit 17 - Signage Pending
Walmart 3407	Buckeye	0.516	I-10 Exit 117 - Signage Ready
AZ Mills Mall	Tempe	0.078	I-10 Exit 156 - Signage Ready
Phoenix Premium Outlets	Chandler	0.105	I-10 Exit 162 - Signage Ready
Tucson Premium Outlets	Tucson	0.187	I-10 Exit 245 - Signage Ready
Walmart 3807	Benson	0.458	I-10 Exit 304 - Signage Pending
Walmart 5329	Phoenix	0.444	I-17 Exit 229 - Signage Pending
Kroger Smiths 190	Kingman	0.484	I-40 Exit 52 - Signage Pending
La Quinta Grand Canyon	Williams	0.328	I-40 Exit 163 - Signage Pending
Walmart 4252	Flagstaff	0.139	I-40 Exit 199 - Signage Ready
Walmart 1328	Winslow	0.177	I-40 Exit 253 - Signage Ready

## Joint Office of Energy and Transportation

<https://www.DriveElectric.gov>

# ADOT Team

**Thor Anderson - PM**  
**Dianne Kresich - Deputy PM**  
**Floyd Roehrich - Executive Officer**  
**Clem Ligocki - Planning and Programming**  
**Daina Mann - Communications and Outreach**  
**Jason Stephens - Communications and Outreach**  
**Nancy Gudino - Communications and Outreach**  
**Dezbah Hatathli - Government Relations**  
**Jesse Zaragoza - Civil Rights**  
**Don Sneed - Tribal planner**  
**Paula Brown - Tribal planner**  
**Lisa Danka - MAG Regional Planner**  
**Myrna Bondoc - planner**  
**Will Randolph - planner**  
**Chris Hawley - ITG**  
**Maysa Hanna - Traffic**  
**Steve Olmsted - Environmental Planning Group**  
**Kami Sheppard - Technical Editor**  
**Heidi Yaqub - Freight Planner**  
**Baloka Belezamo - Demographics**  
**Sally Palmer - Contracts**

# Leadership Involvement

John Halikowski - Director

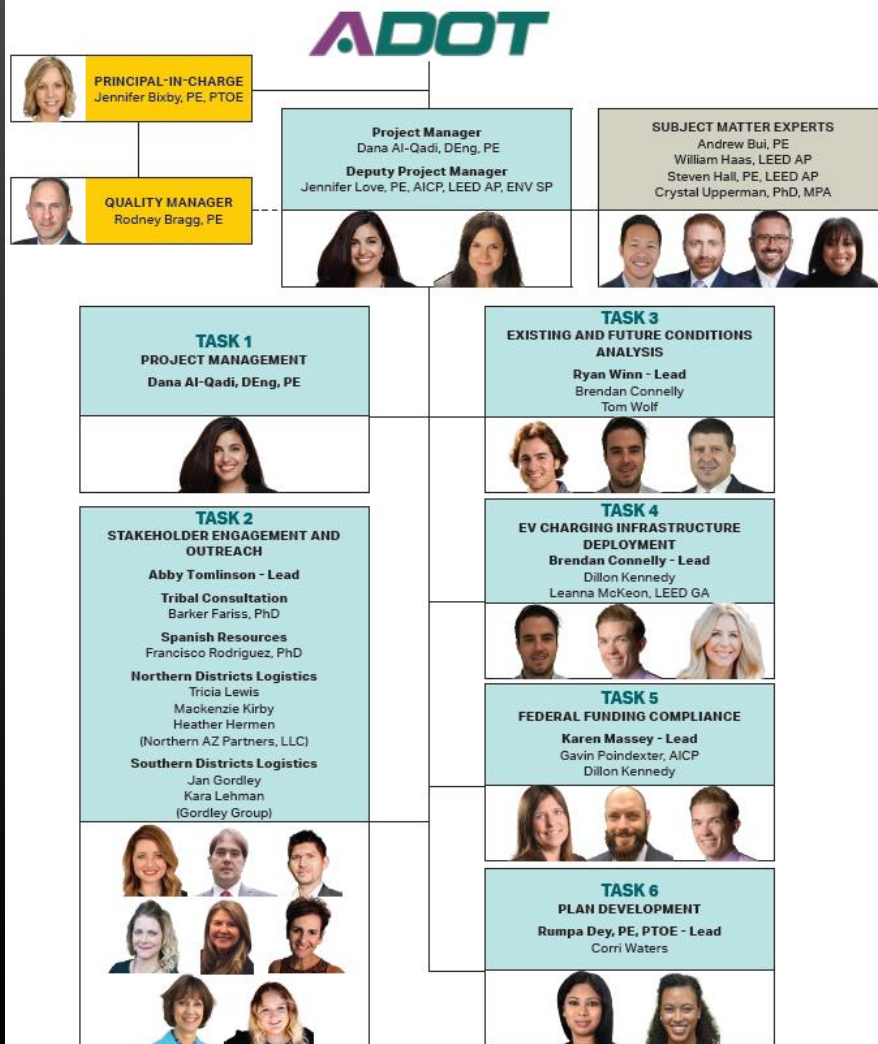
Floyd Roehrich - Executive Officer

Greg Byres - State Engineer/Deputy Director

Katy Proctor - Government Relations

Jon Brodsky - Communications

# AECOM Consultants



# Report Components

Introduction

State Agency Coordination

Public Engagement

Plan Vision and Goals

Contracting

Existing and Future Conditions

EV Charging Infrastructure Deployment

Implementation

Civil Rights

Equity Consideration

Labor and Workforce Considerations

Cybersecurity

Program Evaluation

Discretionary Exceptions

# Strategy

- Finish minimum Plan requirements for submission on August 1, 2022
- Complete the final Plan after August 1.

# Input

- Initial **State agency coordination** meeting **early June** (follow up meetings as needed)
- **Public and stakeholder surveys** sent out **in mid June**
- Initial virtual **stakeholder meeting** by the **end of June**
- Initial **virtual statewide public involvement meeting mid July.**  
Follow up with 7 in-person public meetings
- Specific meetings to obtain information on key topics, such as utility input, as needed.

# Stakeholders

- 305 stakeholders on our initial list so far - we are reaching out to solicit involvement now
- New stakeholders are added as requested
- State agencies and commissions, utilities, MPOs, COGs, cities, towns, tribal governments, industry, vendors, advocacy groups, community and business organizations, etc.

# One-on-one stakeholder meetings and presentations

- SRP
- City of Phoenix
- Inter Tribal Council of Arizona
- Tesla
- EVGo
- Electrify America
- Chargepoint
- Southwest Energy Efficiency Project
- Greater Phoenix Economic Council
- Charge Zero
- AMPLY Power
- Terra Watt
- Irrigation and Electrical Districts Association of Arizona

# Plan Amendments

- The Initial Plan submission is just a first step
- The plan will evolve with public and stakeholder input and the addition of new alternative fuel corridors
- The Plan must be updated annually

# Questions?

