

I-10 Arizona Alternative Fuels Corridor Deployment Plan (AFCDP) Arizona Interstate / Infrastructure Collaborative (AIIC) Advisory Group Meeting #2 of 4 (Webinar)

Agenda

Friday, May 29, 2020

10:00 AM - 11:00 AM (MST)

Webinar registration: https://register.gotowebinar.com/rt/5946661765320771075 **Webinar link:** https://global.gotowebinar.com/join/7084349536324781571/774155158

Webinar ID: 962-028-155

Phone option if you are not using computer audio #: (415) 655-0060

Access Code: 163-430-791

Objective: Discuss needs / barriers / suggested results for I-10 AFCDP project; Phoenix to California section of I-10

- 1) Introductions PAG, ADOT, Valley of the Sun Clean Cities Coalition, FHWA, AIIC Partners
- 2) AFCDP Project Overview (PAG)
- 3) Corridor EV Charging Siting Analysis & Mapping (PAG)
 - Parameters for charging station siting
 - Potential site location selection (EV: 50 miles)
 - Truck stops, commercial / retail business, fuel stations
 - PAG Technical Services GIS mapping tools

4) AIIC Invited Partners

- Discussion of utility requirements (Arizona Public Service (APS); Salt River Project (SRP))
 - Electric service availability / requirements
 - Infrastructure cost responsibility
 - Rate plan options / tariffs
- Discussion of EV charging station needs for DCFC (ChargePoint, Electrify America, Greenlots)
 - Equipment options (CCS & CHAdeMO connectors); permitting / installation
 - Costs for EV charging stations, transformers, balance of system / rents / maintenance
 - o Current and potential utilization rate; annual # vehicles, charge time, kWh
- Discussion of EV industry, siting considerations, state issues (Nikola Motor Company, ASU, ADOA, ADEQ)
 - Charging requirements
 - Regional Electric Vehicle (REV) West Station Siting Standards
 - o Emission reduction benefits

- Discussion of potential site host considerations (Pilot Travel Centers, Arizona Trucking Association)
 - Costs / benefits
 - Owning / leasing contracts
 - Parking spaces / logistics

5) Funding Sources & Highway Signage for EV Charging (ADOT, FHWA)

- Funding options Public, private; agreements / contracts / fees
- Congestion Mitigation and Air Quality (CMAQ) alternative fuels infrastructure qualification
- Signage requirements Permitting, placement, maintenance, etc.
- MUTCD Section 2I.03 requirements / ADOT General Service vs Logo Sign

6) Roundtable Discussion

- Questions / Input
- Topics for next meeting

Future Meetings:

➤ August 14, 2020 @ PAG*
 ➤ October 16, 2020 @ ASU SkySong*
 10:00 am - 11:00 pm MST
 10:00 am - 11:00 pm MST

Questions / Comments:

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^{*}Potentially webinar-based depending on pandemic status