

MEMORANDUM

TO: Dallas Hammit, Deputy Director for Transportation & State Engineer

FROM: Steven Olmsted *SO*

CC: Paul O'Brien, Environmental Planning Group Manager

DATE: May 15, 2017

RE: ADOT Sustainable Transportation Program
Excellence in Advancing Sustainable Operations & Maintenance (OM) Award

Background

In 2014 ADOT initiated a comprehensive Sustainable Transportation Program, comprising thirteen (13) milestones which ran the gamut from recognizing and rewarding exemplary sustainable actions within ADOT to building local partnerships, creating linkages to the academic community, and contributing to the ongoing national dialogue on transportation sustainability. A core element of this platform, and one of the milestones, is continuing to partner with FHWA to test, improve, promote, and use the Infrastructure Voluntary Evaluation Sustainability Tool (INVEST).

FY18 Initiatives

- FHWA Sustainability Grant #3 – Develop baseline Life Cycle Cost Analysis (LCCA) methodology
- Project Development Toolbox
- Sustainable Pavement Systems Program/EDC-4 Pavement (Jesse Gutierrez, Kevin Robertson)
- Agency sustainability actions (Sonya Herrera)

One of the milestones is an award process developed to recognize program and project implementations that advance exemplary sustainable transportation efforts within ADOT's planning, design, construction, maintenance and operations areas. The award also recognizes efforts by our Local Public Agency partners.

Three components are considered in the process: the project's FHWA INVEST score, contributing best management practices, and stakeholder collaborative efforts.

Past Awards

Spring 2015

Excellence in Advancing Sustainable Project Development Award Program

(Then) Prescott District - State Route 89 & Perkinsville Road Roundabout Project

Past Awards (continued)

Fall 2015

Excellence in Advancing Sustainable Project Development Award Program

(Then) Statewide Project Management – US 60 Silver King Section & Superior Streets Project

Spring 2016

Excellence in Advancing Sustainable System Planning for Regions

Local Public Agency - City of Scottsdale, AZ

This Award Summary

ADOT conducted scoring workshops for fourteen (14) OM sustainability criteria. For each criterion, the ADOT project team facilitated discussions with relevant ADOT subject matter experts - senior practitioners within their respective subject areas. **ADOT achieved an independently scored 142 points out of a possible 210—sufficient to achieve Platinum status, INVEST’s highest rating.** The exercise further strengthened ADOT’s understanding of sustainability best practices and helped identify opportunities for improvement.

Operations and Maintenance Criteria

OM-01: Internal Sustainability Plan

OM-02: Electrical Energy Efficiency and Use

OM-03: Vehicle Fuel Efficiency and Use

OM-04: Reuse and Recycle

OM-05: Safety Management

OM-06: Environmental Commitments Tracking System

OM-07: Pavement Management System

OM-08: Bridge Management System

OM-09: Maintenance Management System

OM-10: Highway Infrastructure Preservation and Maintenance

OM-11: Traffic Control Infrastructure Maintenance

OM-12: Road Weather Management Program

OM-13: Transportation Management and Operations

OM-14: Work Zone Traffic Controls