



DANIEL O'HARA

PE

CONTACT INFORMATION



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Tempe, AZ 12345

EDUCATION

- B.S. Civil Engineering, Arizona State University, 2017
- Professional Engineer (PE), Arizona #75421, 2021
- Professional Engineer (PE), Nevada #28934, 2022
- FE Exam passed, 2017

KEY SKILLS

- Roadway and corridor design (OpenRoads Designer, Civil 3D)
- Drainage design and hydrologic modeling (FLO-2D, HEC-RAS, HEC-HMS)
- ADA ramp and pedestrian facility design per PROWAG
- MAG and APWA standards, MUTCD compliance
- Maintenance of traffic (MOT) and construction phasing plans
- Plan production for 30/60/90/100% PS&E submittals
- Engineer's opinion of probable cost and bid document preparation
- Construction phase services: RFIs, submittal review, change orders
- Subconsultant management and fee reconciliation
- SWPPP preparation and NPDES permitting

ABOUT ME

Licensed civil engineer (AZ, NV) with 6 years in transportation and public works. Stamp roadway, drainage, and ADA improvement plans for municipal clients across the Phoenix metro. Comfortable as the day-to-day project manager on \$2M to \$9M design contracts.

PROFESSIONAL EXPERIENCE

PROJECT ENGINEER, TRANSPORTATION | SAGUARO MESA ENGINEERS, TEMPE, AZ 2022 - PRESENT

- Project engineer on a \$7.4M arterial reconstruction in Chandler covering 1.6 miles, including pavement, ADA ramps, signals, and drainage.
- Stamp 30/60/90/100% submittals for City of Mesa and Maricopa County clients; led 22 design submittals over the last 18 months with no comment-driven redesigns.
- Manage subconsultants in geotech, traffic, and landscape (3 to 5 firms per project) and reconcile their fees against the prime contract.
- Authored a maintenance-of-traffic phasing plan that kept 2 lanes open during construction, reducing the closure penalty exposure for the contractor.
- Mentor 2 EITs through weekly redline reviews and PE study check-ins.

CIVIL ENGINEER | PAINTED ROCK INFRASTRUCTURE, HENDERSON, NV 2019 - 2022

- Designed roadway and drainage improvements for 9 Clark County RTC projects, including a roundabout retrofit at a 4-leg signalized intersection.
- Ran FLO-2D modeling for a 280-acre watershed feeding a regional detention basin; results were accepted by Clark County Regional Flood Control on first review.
- Prepared bid documents and engineer's opinion of probable cost for 14 packages totaling roughly \$42M in construction value.
- Supported construction phase services: 60+ RFIs, 4 change order negotiations, and field walks every other week.

EIT, ROADWAY DESIGN | PAINTED ROCK INFRASTRUCTURE, HENDERSON, NV 2017 - 2019

- Produced plan, profile, and cross section sheets for collector and arterial roadways under PE direction.
- Modeled corridors in OpenRoads Designer for two NDOT on-call work orders.
- Drafted SWPPPs and drainage reports for review and stamp.

- Agency coordination with ADOT, NDOT, Maricopa County, and Clark County RTC
- Microsoft Project, Bluebeam Revu, and ProjectWise