

SR-68; Bangerter Hwy to 12600 S.

PAVEMENTS & FLATWORK--Airports/Highways

SR-68; Bangerter Hwy to 12600 S.

October 2018

ACI Intermountain Chapter

Please select project category

PAVEMENTS & FLATWORK--Airports/Highways

PROJECT INFORMATION

Project Name SR-68; Bangerter Hwy to 12600 S.
Address Redwood Road
Riverton, Utah
Completion Date October 2018
Submitted By: Geneva Rock Products, Sammuell Syphrett
801-380-4011, ssyphrett@genevarock.com

OWNER CONSENT

By checking this box, submitter certifies they have communicated with the owner and received approval to submit this project for award nomination. All submission materials shall become the sole property of the ACI Intermountain Chapter. This shall include the right to publish photographs and information without compensation to the recipients.

PROJECT TEAM MEMBERS

OWNER UDOT Region 2, 2010 South 2760 West
Salt Lake City, Utah
Owner Contact Rodney Ruby / Jessica Rice
rjruby@utah.gov / jrjce@utah.gov, 801-910-2560 / 801-987-0531

ENGINEER HDR, 2825 E Cottonwood Pkwy Ste 200
Salt Lake City, Utah
Engineer Contact Jeff Simmons
jeffrey.simmons@hdrinc.com, 801-750-2649

CONTRACTOR W. W. Clyde, 869 N 1500th W
Orem, Utah
Contractor Contact Alan Preston / Tyler Clyde
apreston@wwclyde.com / tclyde@scottcontracting.com, 801-420-3021 / 801-360-8503

CONCRETE SUPPLIER Geneva Rock Products, 1565 West 400 North
Orem, UT
Concrete Supplier Contact Sammuell Syphrett
ssyphrett@genevarock.com, 801-380-4011

CONCRETE SUBCONTRACTOR Geneva Rock Products, 1565 West 400 North

Subcontractor Contact	Orem, UT ssyphrett@genevarock.com ssyphrett@genevarock.com, 801-380-4011
TESTING AGENCY-Quality Control	CMT, 2796 Redwood Road West Valley City, Utah
Testing Agency Contact	801-908-5859
TESTING AGENCY-Quality Assurance	UDOT Region 2
Additional Project Participant...i.e. subcontractors directly related to the concrete portion of this project	A-Core, 5360 S Riley Ln Murray, Utah
Contact	Steve Checketts steve@a-core.com, 801-865-5381

PROJECT DESCRIPTION

Please provide a 150-200 word description of the project being nominated. If selected to receive an award, this description will be used during the awards ceremony.

The project consists of the reconstructing and widening of Redwood Road from Bangerter Highway to 12600 South using 3D elements in both design and construction. The reconstruction and widening consisted of 7 traffic lanes, a bike lane, and shoulder in Portland cement concrete pavement (PCCP). All affected utilities were relocated to the park strip and behind the sidewalk. Signals were upgraded and added in accordance with the corridor agreement with Riverton City and Median curbs and storm drains were added where required.

STRUCTURE QUESTIONNAIRE

OVERVIEW

DESIGN

INNOVATION

QUALITY

BENEFIT

9. Owner testimonial of how concrete benefitted this project may be submitted.

PAVEMENT QUESTIONNAIRE

PAVEMENT SMOOTHNESS

9. Owner testimonial of how concrete benefitted this project may be submitted.

PAVEMENT QUESTIONNAIRE

PAVEMENT SMOOTHNESS

1. How was pavement smoothness specified and measured? List specification requirements, including incentives. Include profilograph measurements if available; otherwise, indicate straight edge measurements.

UDOT 2017 spec.

Minimal grinding was needed to achieve the tolerances, however results are not provided.

2. What were the key factors in achieving a smooth concrete pavement? This may include subbase quality, equipment, mix uniformity, personnel, incentives, etc.

3D paving equipment and experienced crew.

QUALITY

3. The following project information is suggested, but not required for nomination...What quality-consistency levels were achieved? Include history showing strengths, air content, thickness measurements, number of grinds per mile, etc.

There were no quality issues on the job, however results are not provided.

4. Describe procedures used to ensure that quality standards were met on the project.

Experienced crew with exceptional QA inspectors.

COMPLEXITY

6. List project size, number of intersections, bridges, interchanges, manholes and other criteria that indicate complexity.

19,392 SY of 8.5"

The major intersection at Pioneer Crossing and Redwood Road.

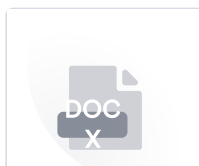
7. List the work zone traffic volume. How was traffic control provided? Include any special traffic control measures or work hour requirements.

The was an intersection redesign of the intersection at Pioneer Crossing and Redwood Road in Saratoga Springs. Live traffic was a major concern for safety at all times.

INNOVATION

PROJECT PICTURES

Project Pictures Description



[Pioneer Crossing.pictures.docx](#)