

SR-68; Village Parkway to Grandview in Saratoga Springs

PAVEMENTS & FLATWORK--Airports/Highways

SR-68; Village Parkway to Grandview in Saratoga Springs

May 2019

ACI Intermountain Chapter

Please select project category

PAVEMENTS & FLATWORK--Airports/Highways

PROJECT INFORMATION

Project Name SR-68; Village Parkway to Grandview in Saratoga Springs
Address Village Parkway to Grandview in Saratoga Springs
Saratoga Springs, Utah
Completion Date May 2019
Submitted By: Geneva Rock, 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 3, 658 N. 1500 W.
Orem, Utah
Owner Contact David Gill, P.E.
davidgill@utah.gov, 801-857-1937
ENGINEER Avenue Consultants, 4501 S Constitution Blvd
Taylorsville, Utah
Engineer Contact Dlahusen@avenueconsultants.com, 801-207-7660
CONTRACTOR Geneva Rock, 1565 West 400 North, Orem, UT, USA
Orem, UT
Contractor Contact Mike Summers
msummers@genevarock.com, 801-822-3216
CONCRETE SUPPLIER Geneva Rock Products, 1565 West 400 North, Orem, UT, USA
Orem, UT
Concrete Supplier Contact Sammuell Syphrett
ssyphrett@genevarock.com, 801-3807-4011
CONCRETE SUBCONTRACTOR Geneva Rock Products, 1565 West 400 North, Orem, UT, USA
Orem, UT
Subcontractor Contact Sam

	Sammuel Syphrett, 801-380-4011
TESTING AGENCY-Quality Control	CMT, 2796 Redwood Road West Valley City, Utah
TESTING AGENCY-Quality Assurance	UDOT Region 3, 658 N 1500 W Orem, Utah
Testing Agency Contact	Gary Gibbs garygibbs@utah.gov, 801-830-9312

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.

Total reconstruction of intersection at Pioneer Crossing and Redwood Road in Saratoga Springs.

STRUCTURE QUESTIONNAIRE

OVERVIEW

DESIGN

INNOVATION

QUALITY

BENEFIT

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 required to meet the specification tolerances.

QUALITY

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.

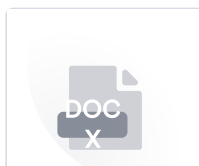
7. List the work zone traffic volume. How was traffic control provided? Include any special traffic control measures or work hour requirements.

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](#)