Ivins City Staff Report
City Council Meeting 2/4/2021

Agenda Item: Discuss and consider the commitment of additional funds for the Old Highway 91 Widening Project

Submitted by: Charles R. Gillette, P.E., City Engineer

Recommended City Council Action:
The City commits an additional $600,000 of additional funding for the Old Highway 91 Widening/Trail Extension project and authorizes approval of a future federal aid agreement modification that will bind the city to provide these funds to the project.

BACKGROUND:

Old Highway 91 is aging and needs reconstruction and widening. The City's master plan includes the project as a high priority. The widening project will add 10 feet of width to the roadway, install right-hand and left-hand turn pockets, and includes a 10-foot wide shared use trail that will connect from 200 East to Shivwits Indian Reservation.

The original scope of the project was to widen the highway all the way to Shivwits Indian Reservation. It is not feasible to fund the full scope which the estimates are $8.5 million. A reduced scope version of the project is to construct the trail all the way to Ivins Reservoir but to reduce the widening to go from 200 East to 600 West (Kwavasa Drive).

Also, in the original scope, we were adding deceleration and acceleration turn lanes at all the intersections in order to increase flow capacity. In the design process it has been determined that roundabout options at 400 W and 600 W are similar in cost to the turning lanes and ultimately are a preferable option as these are part of the long-range master plan. This reduced scope/roundabout option is estimated at $6.5 million.

FINDINGS AND ANALYSIS:

The following current funds are already committed:

- Dixie Metropolitan Planning Organization: $3,562,000
- UDOT (TAP and TTIFF): $809,000
- Ivins City previous commitments: $1,116,478
- Total: $5,487,000

And we expect to get support from COG to pay for $500,000 of right-of-way acquisition costs. This leaves $600,000 of funding that needs to be provided. It is recommended by staff that the City Council provide this funding commitment.

SUPPORT MATERIALS:

- Map of Reduced Scope project

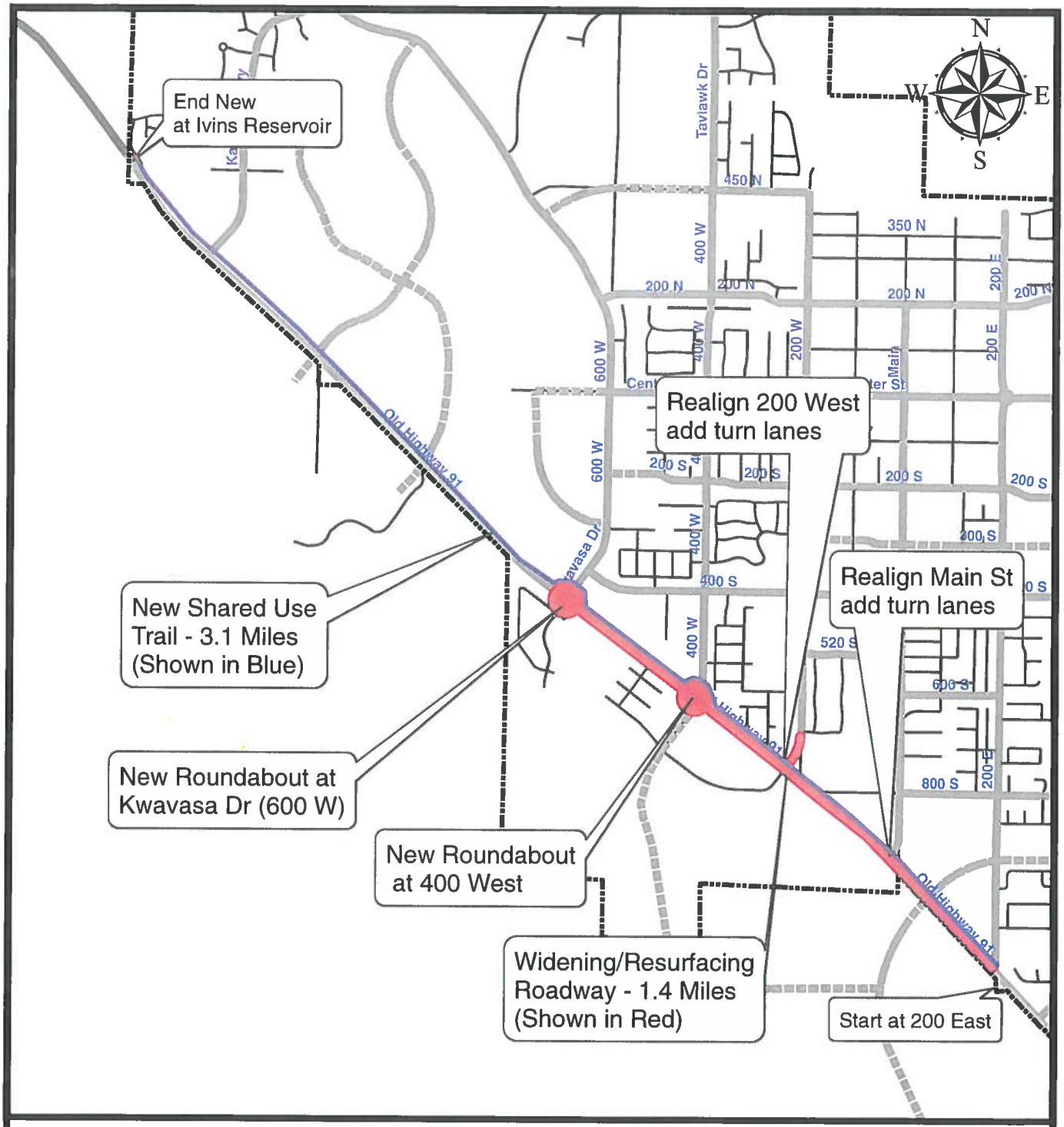
FINANCIAL IMPACT:
This commitment of $600,000 would bring the City's commitment to the project to $1,716,478. The city may use a combination of funding from Street Impact Fees and Park Impact Fees (for trail construction).

Respectfully Submitted:

Charles R. Gillette, P.E., City Engineer

Content Review:

Dale Coulam, City Manager



Old Highway 91 Widening Location Map

IVINS CITY
UTAH

Public Works & Engineering Department
55 N Main St, Ivins, Utah 84738
435-634-0689

0 700 1,400 2,800 4,200 5,600 Feet

1 inch = 2,000 feet

Map by: CRG
Modify Date: 01/29/2021