Ivins City Staff Report
City Council Meeting 4/6/17

Agenda Item: Discuss and consider approval of expenditure for Ivins Reservoir Entrance Roadway

Submitted by: Charles Gillette, P.E., Public Works Director/City Engineer

Recommended City Council Action:
Approve expenditure of $79,022 for Ivins Reservoir Entrance Roadway

BACKGROUND:
Ivins Reservoir has been a collaborative effort which has made it more challenging due to the difficultly in satisfying so many interested partners. We believe that we have reached an acceptable plan. However, we are now too late in the season to seriously consider being able to construct the parking lot prior to the summer season. We still are in the process of submitting the plan to Dam Safety for approval before we could construct it.

Thus, staff is recommending that we only proceed with the construction of the entrance road and not the parking lot. The entrance road costs are shared between Ivins City and Terry Marten, in the following manner, based on the agreement accepted by both parties from 2009. Ivins City will reconstruct the entrance road from the highway to its parking lot for the park at is sole cost. Kayenta will participate 50% on the cost to relocate the entrance eastward (to improve safety). See the attached Exhibit A that shows how this is broken up.

The City has received a commitment from the County to contribute $50,000 towards the project. However, the county had originally planned to provide some of this contribution with in-kind services. This was before we realized that our plan would require curb and gutter. Mayor Hart is now working with the County commissioners to change the contribution plan to be cash. It would be too hard to mobilize different contractors in and out of the project to allow the County to provide the in-kind services.

Also, since Kayenta already has a contractor, Leavitt Construction, providing its work, staff believes it would make the most sense to use the same contractor, rather than issue a bid, and pay to mobilize a new contractor. Kayenta, in the development of the some of the previously approved facilities, has installed a storm drain to a point where it now needs to be extended by Ivins City to fulfill the responsibilities of the agreement and to ensure that some progress is being made on the entrance roadway.

FINDINGS AND ANALYSIS:
Currently the critical items that need to be installed as soon as possible are extending utilities into the parking lot area out of the Crescent Moon Village, continuing the storm drain to Highway 91 and installing a retaining wall on the east side of the roadway, Exhibit B and C show how this cost is shared between Ivins and Kayenta.

Leavitt Construction has provided some costs to complete the work and staff believes these costs are reasonable would like to receive approval from the Council to proceed.

Storm Drain Costs for Entrance Road (does not include storm drainage for parking lot)

Item	Description	Quantity	Unit	Unit Cost	Subtotal	Share %	Total Share
1	12" Storm Drain Pipe	29	LF	$ 25.00	$ 725	100%	$ 725
2	24" Storm Drain Pipe	300	LF	$ 52.92	$ 15,876	100%	$ 15,876
3	36" Storm Drain Pipe	183	LF	$ 90.99	$ 16,651	50%	$ 8,326
4	12" Storm Drain Pipe	50	LF	$ 25.00	$ 1,250	50%	$ 625
5	4x4 Inlet Box	3	EA	$ 4,750	$ 14,250	100%	$ 14,250
6	4x4 Inlet Box	3	EA	$ 4,750	$ 14,250	50%	$ 7,125
7	2x3 Inlet Box	1	EA	$ 2,750	$ 2,750	100%	$ 2,750
8	2x3 Inlet Box	1	EA	$ 2,750	$ 2,750	50%	$ 1,375
				Totals:	**$ 68,502**		**$ 51,052**

Retaining Wall Costs for Entrance Road

Item	Description	Quantity	Unit	Unit Cost	Subtotal	Share %	Total Share
9	Concrete Work	170	LF	$ 65.00	$ 11,050	100%	$ 11,050
10	Excavation Work	1	LS	$ 2,600	$ 2,600	100%	$ 2,600
				Totals:	**$ 13,650**		**$ 13,650**

Extending utilities into Parking Area

Item	Description	Quantity	Unit	Unit Cost	Subtotal	Share %	Total Share
11	Extend Utilities	1	LS	$ 9,320	$ 9,320	100%	$ 9,320
				Totals:	**$ 9,320**		**$ 9,320**

Total Request:

Storm Drain $51,052 + Retaining Wall $13,650 + Extend Utilities to Parking Lot $9,320 + $5,000 Contingency = **Total $79,022**

The costs of asphalt, roadbase, and concrete curb and gutter will be requested by staff later as plans materialize.

SUPPORT MATERIALS:

Exhibit A: Ivins Reservoir Cost Sharing of Surface Improvements
Exhibit B: Ivins Reservoir Cost Sharing of Storm Drain (and other underground utilities)
Exhibit C: Ivins Reservoir Cost Sharing of Walls

FINANCIAL IMPACT:

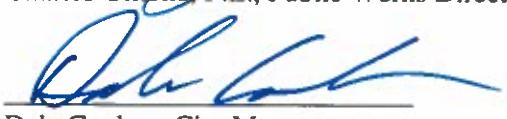
4940699: $79,022

Respectfully Submitted:



Charles Gillette, P.E., Public Works Director/City Engineer

Content Review:



Dale Coulam, City Manager



EXHIBIT A: COST SHARING OF SURFACE IMPROVEMENTS

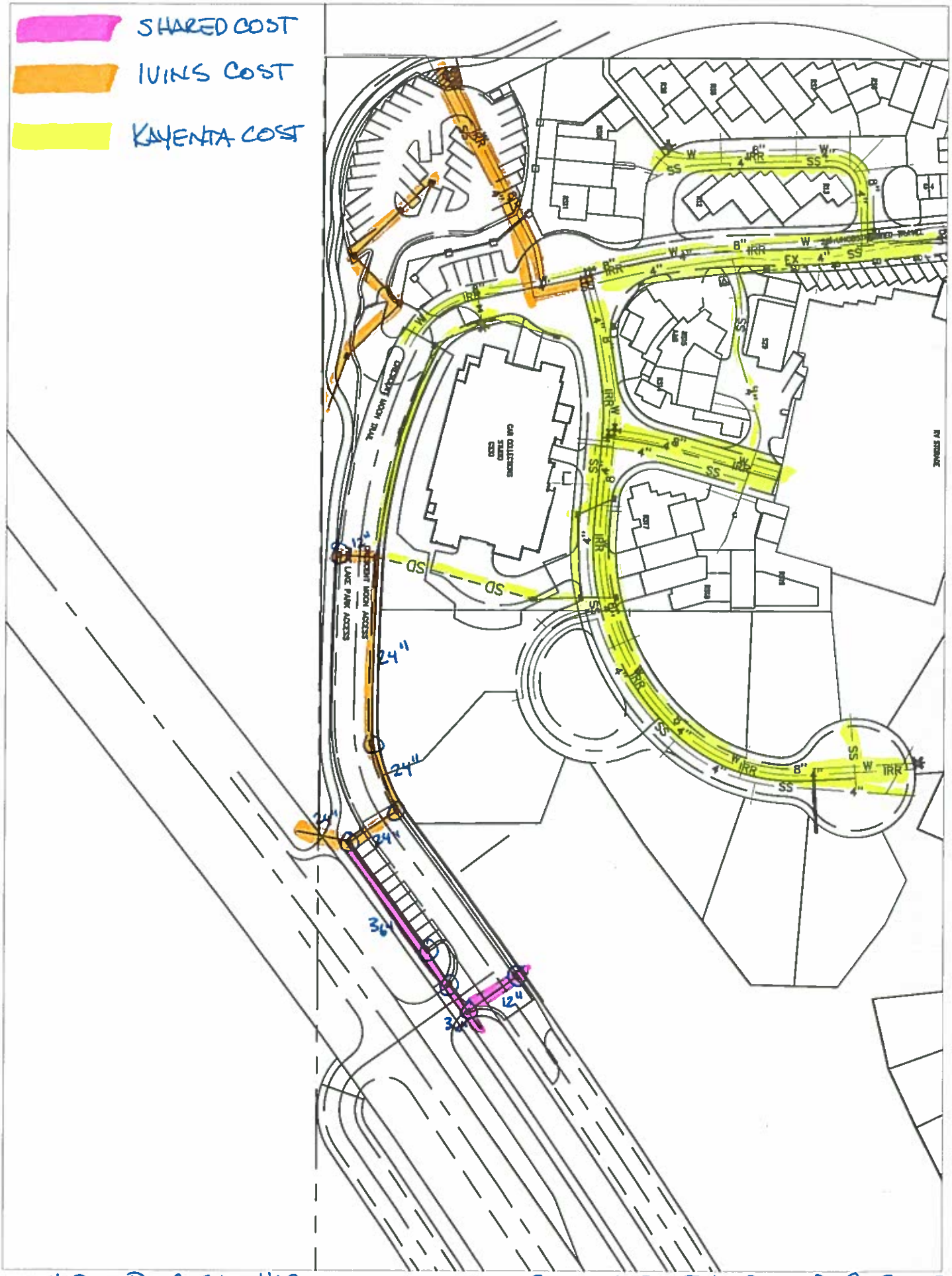


EXHIBIT B: COST SHARING OF STORM DRAIN AND OTHER UNDERGROUND UTILITIES

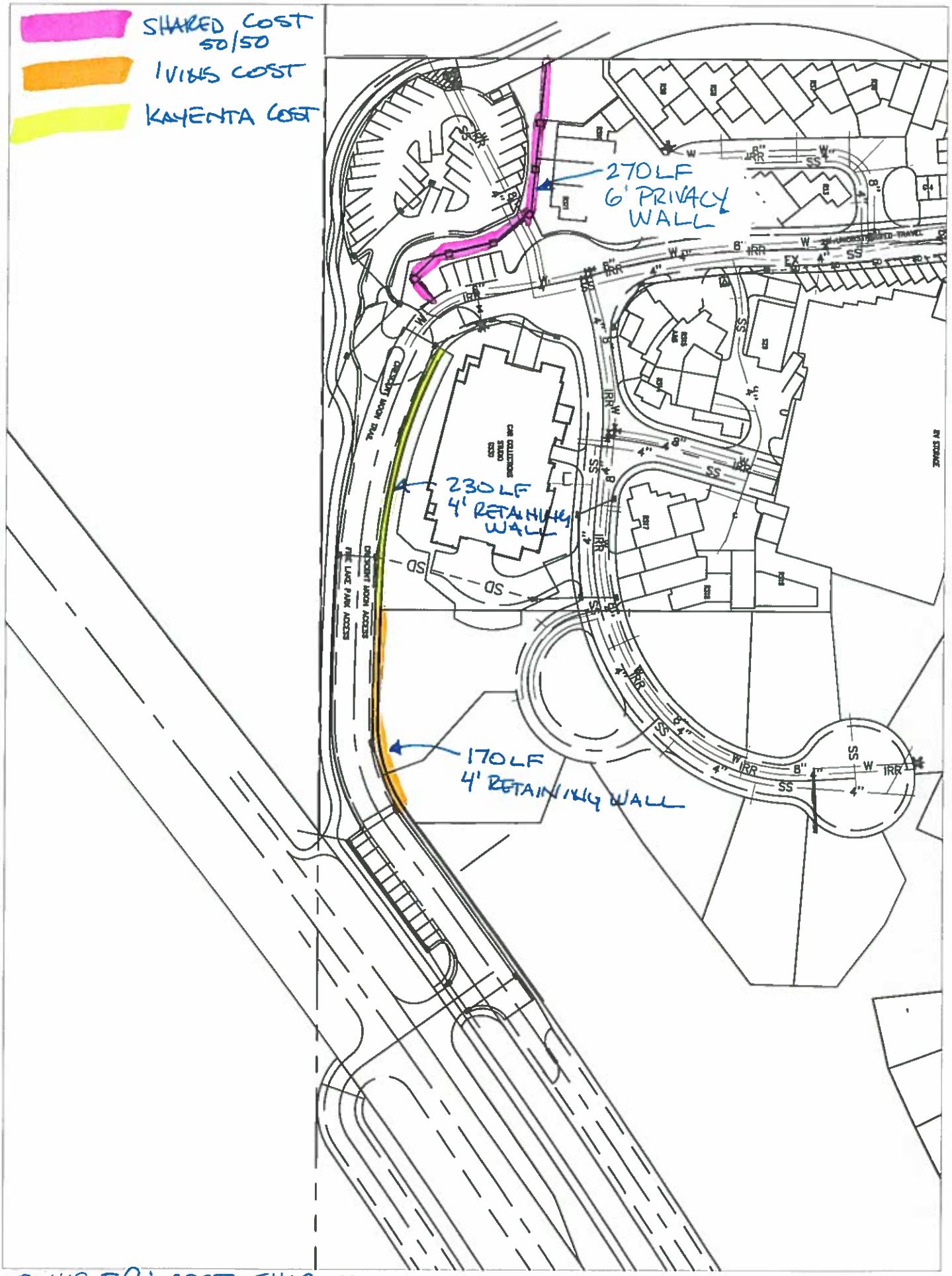


EXHIBIT C: COST SHARING OF WALLS