Ivins City Staff Report
City Council Meeting 3/23/2023

Agenda Item: Discuss and consider approval of expenditure and Federal Aid Agreement for Shared Use Path Network Gap Fill Project Design

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

Recommended City Council Action:
Approve expenditure of $96,338 and Federal Aid Agreement for Shared Use Path Network Gap Fill Project Design

BACKGROUND:
The Dixie Metropolitan Planning Organization (MPO) was distributing available federal funds that were required to be spent on alternative transportation and carbon reduction projects. Trail networks are considered eligible projects for these funds. Ivins City has several miles of shared use paths. Unfortunately, there are gaps in this excellent network. It is needed to close these gaps and make this asset become much more useful to the users. The City has applied for these MPO funds and has received $641,339.

FINDINGS AND ANALYSIS:
The proposed project identified all the most significant gaps in the trail network. There are three different types of improvements. The first type are areas with five foot wide sidewalks that need to be widened to 10 foot wide paths. The current plan is to remove the concrete sidewalk and install 10 foot wide asphalt paths since this is considered to be a superior surface for paths, although we may consider to just add more concrete. The second type of area represents ones where asphalt paths need to be installed where there are no sidewalks. The last area represents areas, where paths are needed to complete the network but rather than install asphalt, it proposed to install 10 foot wide cinder (or similar surface) paths. These are temporary until the adjacent property develops at which time, the developer would upgrade the surface to asphalt.

The total project estimate is $1.26 million dollars per the attached Cost Estimate. The table shows the funding that is available for the project:

Funding Source	Amount of Grant Funding	Required City Match Funding	Notes
Transportation Alternatives Program (TAP)	$241,339	$16,339	6.77% Match
Carbon Reduction Funding (CRF)	$400,000	$80,000	20% Match
COG ROW Acquisition Funds	$160,000	$0	No Match
Totals	$801,339	$96,338	
Total Funding All Sources including match (Rounded)	$898,000		
Unfunded	$360,000		

As shown in this table there is $360,000 of the project that remains unfunded. It must also be noted that the It is proposed that the City agree to this Federal Aid Agreement and seek additional funds for the remaining project proposal.

There is one more string attached. The TAP funds must be obligated by October this year. Thus there needs to be a quickly designed initial phase of the project to be advertised to bid by this date. This will be tricky since environmental documents must be first prepared.

SUPPORT MATERIALS:

- Proposed Federal Aid Agreement
- Project Cost Estimate
- Maps of Project Locations

FINANCIAL IMPACT:

The current impact to Ivins City is $96,339, some of these funds may be impact fees from the Parks Impact Fee Fund and/or the Streets Impact Fee Fund since gap fill is a component of these plans.

Respectfully Submitted: _____

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

Content Review: _____

Dale Coulam, City Manager

Project Name: Ivins City Active Transportation Shared Use Path Network Gap Fills Project

Date: 10/19/22

Construction Cost Estimate

Project Summary		
i	Environmental Study (Categorical Exclusion)	40,000
ii	Engineering Design	73,500
iii	ROW Acquisition	160,000
iv	Construction	554,900
v	Contigencies (25%)	138,700
vi	Construction Management	44,400
	Total (2022 Dollars):	1,011,500
	Total (2027 Dollars after construction inflation of 4.5% per year):	**1,260,500**

Funding			Match
Carbon Reduction Funds	400,000	20% Match Requirement	80,000
TAP Funds	241,339	6.77% Match Requirement	16,339
COG ROW Acuisition Funds	160,000	COG, 0% Match	
Required City Funding	96,339		
Subtotal All Funding	897,678		
Unfunded	362,822		