



TO: Michael C. Van Milligen, City Manager
FROM: Gus Psihoyos, City Engineer
SUBJECT: Bee Branch Trail, Phase I: from 16th/Sycamore to 12th St.
Iowa DOT Agreement No. 20-TAP-117
Iowa DOT Project Number TP-U-21—(697)—8I-31
DATE: April 28, 2020

INTRODUCTION

The enclosed resolution authorizes the Mayor to execute the Iowa Department of Transportation (Iowa DOT) Federal Aid Agreement for Transportation Alternative Program (TAP) for the Bee Branch Trail, Phase I: from 16th/Sycamore to 12th St. The improvements are fully funded from the combination of transportation grant funding and state sales tax increment funding previously received for the improvements.

BACKGROUND

In February of 2018, City staff submitted a grant application agreement with the Dubuque Metropolitan Area Transportation Study (DMATS) for Transportation Alternatives Program (TAP) grant funds for the Bee Branch Creek Trail – Phase 1 project adjacent to the 16th Street Detention Basin.

The Iowa Department of Transportation (IDOT) administers DMATS Transportation Enhancement Program grant funds as part of the federal pass-through funding in the IDOT Transportation Alternatives Program. TAP grants provide 80% of project costs. Cities must provide written assurance of the required 20% of local match and maintenance of the completed project for a minimum of 20 years.

DISCUSSION

The Bee Branch Creek Trail - Phase 1 project involves the extension of the trail system constructed as part of the Lower Bee Branch Creek Restoration Project (Phase IV of the Bee Branch Watershed Flood Mitigation Project) approximately 0.38 miles to the south/southeast under US Highway 61/151 along the shoreline of the 16th Street Detention Basin, then south to 12th Street adjacent to the Alliant Energy solar array, then east approximately 600 lineal feet towards Kerper Blvd. The project will consist of a 10-foot paved multi-use trail to accommodate bicyclists and pedestrians.

The project is part of a multi-phase trail to be built along the restored Bee Branch Creek that will extend connections to two regional trails -- Dubuque Heritage Trail and

Mississippi River Trail – as well as to the citywide trail system. The project is part of a phased trail connection to the Jule public transit service and bicycle/pedestrian amenities at the City's Intermodal Transportation Center on Elm Street.

The project will provide a connection to the new solar array installed by Alliant Energy adjacent to the project. Alliant Energy plans to construct a 10-foot paved trail adjacent to the educational features of the solar array site that will be open to the public.

The project fulfills the top and high priorities, goals, and objectives of the DMATS 2045 Long Range Transportation Plan. The project is included in the DMATS Plan.

BUDGET IMPACT

Bee Branch Creek Trail – Phase 1 project has an estimated total cost of \$525,000. The 80% TAP grant amount will be \$420,000. The required 20% local match of \$105,000 will be funded using Sales Tax Increment (STI) received in FY2020 through the State Flood Mitigation Program for the Bee Branch Watershed Flood Mitigation project.

The project cost breakdown is as follows:

Construction	\$420,000
Engineering (15%)	63,000
<u>Contingency (10%)</u>	<u>42,000</u>
Total	\$525,000

The project funding breakdown is as follows:

DMATS TAP Grant (80%)	\$420,000
<u>City FY2020 STI Funds (20%)</u>	<u>\$105,000</u>
Total	\$525,000

ACTION TO BE TAKEN

I respectfully request that the City Council adopt the attached resolution and authorize the Mayor to sign the Iowa Department of Transportation for Transportation Alternative Program (Agreement No. 20-TAP-117) for the Bee Branch Trail, Phase I: from 16th/Sycamore to 12th St.

cc: Wally Wernimont, Planning Services Manager
Marie Ware, Leisure Services Manager
Jenny Larson, Budget Director
Deron Muehring, Civil Engineer
Jon Dienst, Civil Engineer
Chandra Ravada, ECIA
Pam Lee, Iowa DOT