



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Parks and Recreation

To: City Council

From: City Manager & Staff

Council Meeting Date: February 6, 2023

Re: Flat Branch Park Expansion Project – Bridge Fabrication and Installation

Executive Summary

This is the public hearing for the fabrication and installation of the bridge needed for the Flat Branch Park expansion project. The department is also requesting approval to use a design/build contract for the design and fabrication of the bridge. On March 15, 2021, City Council conducted a public hearing and approved the Flat Branch Park expansion project. Since the project approval, Park staff and Allstate Consultants, LLC. have completed all necessary work related to the park design and placement of the bridge connecting the two sections of Flat Branch Park. Staff is ready to proceed with the bidding of the bridge for the trail project through the City's Purchasing Department. The design/build process is common for bridges because most bridges are pre-fabricated with bridge design and fabrication completed by the same vendor. Emery Sapp & Sons has agreed to construct the end walls for the bridge and set the bridge in place at no charge to the City of Columbia. Staff anticipates completion of the bridge installation by late summer 2023.

Discussion

On March 15, 2021, City Council approved the Flat Branch Park capital improvement project and appropriated funds to complete the proposed work. Since that date, park staff and Allstate Consultants, LLC. have been working on site cleanup, creek restoration and engineering related to the installation of the bridge that will connect the two sections of the park. Additional fundraising was completed by the Mayor's Task Force for the Bicentennial Celebration and those funds, totaling \$85,000, were appropriated to the capital improvement project at the September 19, 2022 City Council meeting.

Park staff is ready to move to the next phase of the project including the bidding of the bridge design and fabrication through a design/build contract and installation of the bridge by Emery Sapp & Sons.

The Parks and Recreation Department is requesting approval of an ordinance that would authorize the fabrication and installation of the bridge needed for the Flat Branch Park expansion project and authorizing the use of a design/build contract for the bridge design and fabrication.

The construction of the Flat Branch Park expansion project includes the installation of one bridge, approximately 60 feet in length, across the Flat Branch Creek. Allstate Consultants, LLC. has completed all preliminary work associated with bridge construction and installation including topographic cross-sections for floodway evaluation, floodway analysis of the proposed bridge location and FEMA approval of the crossing. Allstate Consultants, LLC. has



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also provided design criteria for the design/build scenario for the bridge including abutment elevations, span lengths and necessary geotechnical studies.

With all necessary information related to the conditions for the bridge installation and additional funding appropriated for the bridge, staff is ready to proceed with bidding the design/build Flat Branch Park bridge project through the City's Purchasing Department. The selected vendor will complete the design of the bridge, utilizing the information provided by Allstate Consultants, LLC., fabricate the bridge and delivery the bridge to the site. Emery Sapp & Sons has agreed to construct the end walls for the bridge and complete the bridge installation at no charge to the City. A plaque will be placed at the bridge in memory of Justin Gay, long-time employee of Emery Sapp & Sons. Staff anticipates the completion of the bridge installation by late summer 2023.

Fiscal Impact

Short-Term Impact: The total cost of the improvement project is \$585,000 and is funded by the 2015 Park Sales Tax and donations. The acquisition of the bridge will be funded out of this project budget. Staff estimates the cost of the bridge will be between \$150,000 and \$175,000. Enter the cost of proposed legislation to the city for the next **two** years.

Long-Term Impact: None

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Reliable Infrastructure, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Livable & Sustainable Communities, Tertiary Impact: Not Applicable

Legislative History

Date	Action
9/19/22	B263-22: Amending the FY 2022 Annual Budget by appropriating donated funds to offset costs associated with the purchase of a bridge as part of the Flat Branch Park expansion project. https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=5810340&GUID=10CC81E0-80CF-40E4-A24E-0DEB619E93DD&Options=&Search=
3/15/21	B95-21: Authorizing construction of the Flat Branch Park expansion project to include site reclamation, building demolition, installation of sidewalks, stairs, retaining walls, lighting and landscaping, and restoration of the creek bank;



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	<p>calling for bids for a portion of the project through the Purchasing Division; amending the FY 2021 Annual Budget by appropriating funds.</p> <p>https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=4809808&GUID=2B7B92B2-2508-45CC-AFB8-D1E2A59F2B45&Options=&Search=</p>
12/07/20	<p>(B332-20) Authorizing a Lease Agreement with Downtown Community Improvement District (CID) for Development of the Gateway Plaza and Approving Flat Branch Park Master Plan</p> <p>https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=4693783&GUID=FC05CB75-6BCF-4720-AFA8-D53DFD2BFF55&Options=&Search=</p>
10/21/19	<p>(B316-19) Construction of a right turn lane and sidewalk on SE Corner of Providence and Broadway.</p> <p>https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=4154823&GUID=6D9BF8C4-003A-4CE9-B82E-BD4B0FC9ADBD</p>
06/03/19	<p>(REP54-19) Flat Branch Park Compromise Plan</p> <p>https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=3967840&GUID=F56B92B7-51D1-40B8-ADBA-3442743BFBAF&Options=&Search=</p>
05/06/19	<p>(PH19-19) Public Hearing: Consider proposed options for Flat Branch Park Expansion and Master Plan.</p> <p>https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=3936135&GUID=61A698A7-274D-4A8C-B665-7FD660727DFB&Options=&Search=</p>
10/17/16	<p>(B273-16) Acquisition of property at 32 S. Providence Rd from Roth Properties, LLP.</p> <p>https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=2848812&GUID=F18A796E-B9A5-4231-A4B0-67EC603A5DEB&Options=&Search=</p>

Suggested Council Action

After the public hearing, approve the ordinance authorizing the fabrication and installation of a bridge for the Flat Branch Park improvement project and use of a design/build contract for the bridge design and fabrication.