

STREET COMMITTEE AGENDA MEMO

To: Street Committee

Thru: Chris Brown, City Engineer

From: Matt Mihalevich, Trails Coordinator

Date: June 21st, 2012

Subject: Spring Street Bikeway

City Staff was contacted by Alderman Matthew Petty in April, 2012 regarding the possibility of creating a new bike route to connect Frisco Trail to the Square. Using the relatively new concept of Neighborhood Greenways, also called Bicycle Boulevards, the route is proposed to follow Spring Street east from the Frisco Trail, then use both Block and East Avenues to reach the Square. This route has been selected due to the gradual slope between destinations. While Spring St. and Block St. already have shared lane markings and signage, the new Spring Street Bikeway would further improve the route by reconfiguring stop signs at School Ave. and Church Ave., adding shared lane markings (sharrows) to East Ave., and placing wayfinding signage at turns and at the intersection of Spring St. and Frisco Trail. The wayfinding signs would help cyclists who are unfamiliar with the area find the best way to popular destinations including Wilson Park, the Public Library and the Square. Distances to each of the destinations are also included on the wayfinding signs.

The most significant change necessary to create the Spring Street Bikeway is the reorientation of stop signs at both Church and School Avenues. Currently School Ave. is a 4-way stop configuration; the proposed change would remove the stop signs for Spring Street and create a 2-way stop for School Ave. In addition, the stop signs at Church Ave. are proposed to change to a stop condition for Church Ave. instead of Spring St. These proposed changes have been presented the Fire and Police Departments and both have indicated that this change will not have a significant impact on their response times.


The cost for the proposed improvements is limited to new signs and thermoplastic sharrow symbols and is estimated to be \$1,500.00. One of the benefits of these bicycle facilities is the relatively low cost to encourage cycling and expand the alternative transportation network in Fayetteville. Several additional bikeway routes are currently in the planning stages and will be presented to the Active Transportation Advisory Committee and the Street Committee in the near future. The Spring Street Bikeway serves as demonstration project for the future improvements and is being presented to the Street Committee due to the change in the existing stop sign configuration. Funding for the improvements has been allocated from the Trail Development Capital Improvement Program.

Spring St. Bikeway


Legend

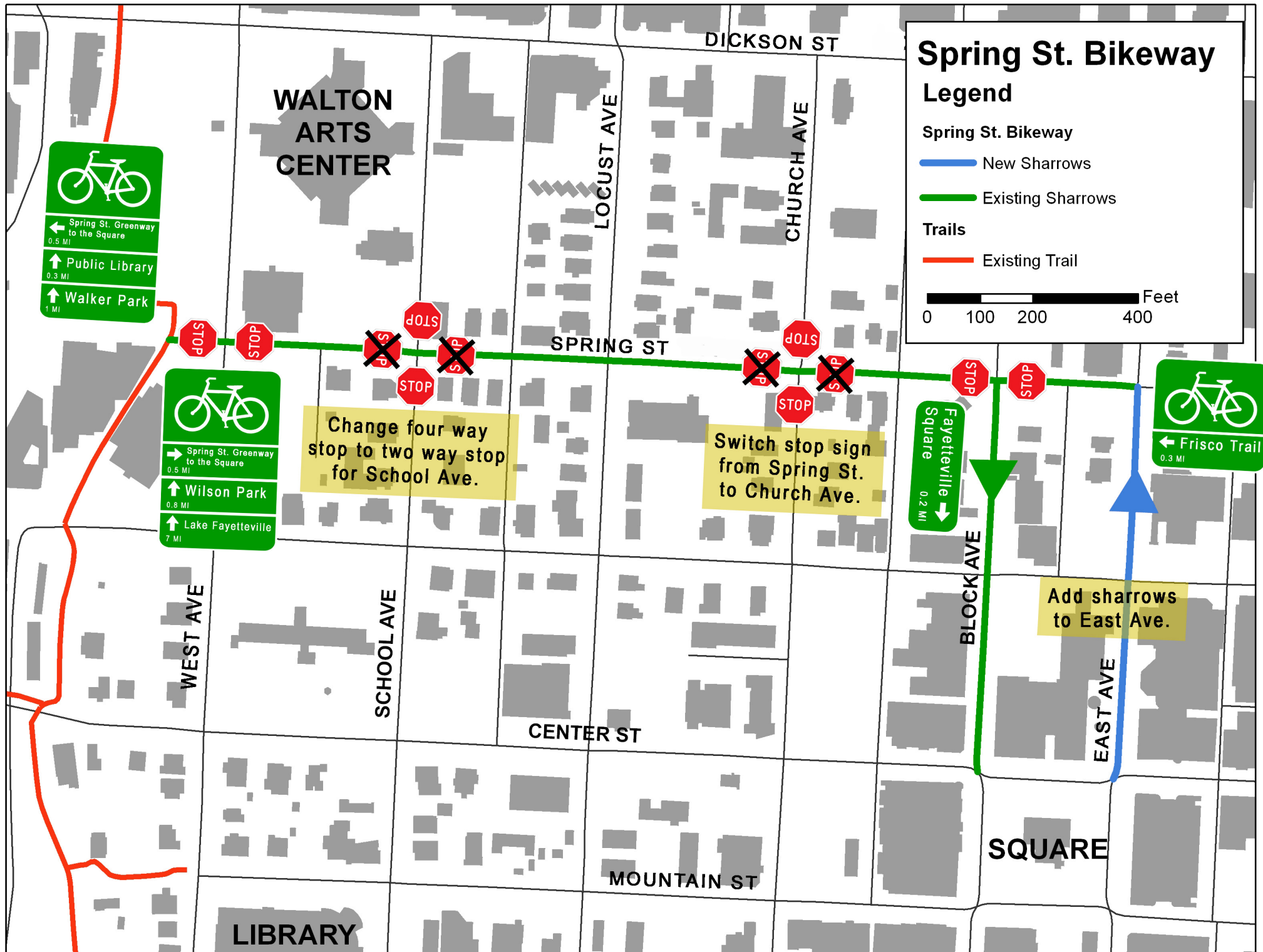
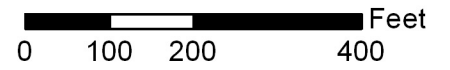
Spring St. Bikeway

 New Sharrows

 Existing Sharrows

Trails

 Existing Trail



WALTON
ARTS
CENTER

DICKSON ST

LOCUST AVE

CHURCH AVE

SPRING ST

CENTER ST

MOUNTAIN ST

SQUARE

LIBRARY

WEST AVE

SCHOOL AVE

BLOCK AVE

EAST AVE


← Spring St. Greenway to the Square
0.5 MI
↑ Public Library
0.3 MI
↑ Walker Park
1 MI


→ Spring St. Greenway to the Square
0.5 MI
↑ Wilson Park
0.8 MI
↑ Lake Fayetteville
7 MI

Fayetteville Square
0.2 MI
↓


← Frisco Trail
0.3 MI

Change four way stop to two way stop for School Ave.

Switch stop sign from Spring St. to Church Ave.

Add sharrows to East Ave.