

City of Minneapolis

Request for Committee Action

To: Transportation & Public Works
Date: 5/17/2016
Referral: N/A
From: Public Works Department
Lead Staff: Simon Blenski, Transportation Planner, Transportation Planning and Programming
Presented by: Simon Blenski, Transportation Planner, Transportation Planning and Programming
File Type: Action
Subcategory: Street Project

Subject:

2016 BIK28 Protected Bikeways Program: Layout approval

Description:

Approving the layout for three projects in the 2016 BIK28 Protected Bikeways Program

1. 11th Avenue S from West River Parkway to 6th Street S
2. Blaisdell Avenue S from 29th Street W to 40th Street W
3. Franklin Avenue E from 29th Avenue S to Seabury Ave

Previous Actions:

July 15, 2015 – Council Action - Approval of the Protected Bikeway Update to the Minneapolis Bicycle Master Plan

Ward/Address:

Wards 2, 3, 6, 8, 10

Background/Analysis:

In 2015, the City updated the Minneapolis Bicycle Master Plan to include a near-term network of on-street protected bikeways. A protected bikeway is a bicycle facility that is physically separated from motor vehicle traffic and provides a higher level of comfort compared to a conventional on-street bike lane. A separated facility can attract a wider demographic of riders and the City sees protected bikeways as an important tool to increase bicycling in Minneapolis. The 2015 plan update recommends 48 miles of new protected bikeways.

The BIK28 Protected Bikeways Program was established in 2015 to implement the near-term network. In 2016, Public Works is proposing three projects to be implemented under the BIK28 program: 11th Avenue S, Blaisdell Avenue S, and Franklin Avenue E. The scope of the 2016 projects will be limited to working within the existing curb lines and may include pavement marking removal, sealcoating, striping, and signing. Physical protection for bicyclists will be established using a combination of painted buffers, flexible delineators, and off-set parking. Enhanced separation elements and intersection treatments will be evaluated during final design.

Staff has been engaged with neighborhood and business representatives, Hennepin County, the Minneapolis Park and Recreation Board, and the Bicycle Advisory Committee to gather feedback on the recommended project layouts. These meetings have been ongoing since January 2016.

11th Avenue S from West River Parkway to 6th Street S

The project includes the segment of 11th Avenue S between West River Parkway and 6th Street S. The project will improve existing conventional bike lanes on 11th Avenue S and make connections with several existing east-west bikeways including West River Parkway, 2nd Street S, the Hiawatha LRT Trail, 5th Street S, and 6th Street S.

The proposed layout will include one-way protected bike lanes in each direction, one drive lane in each direction, and left turn lanes at Washington Avenue S. Between the Hiawatha LRT Trail and West River Parkway, the existing parking lane on the east side of the street will be removed. The existing parking lane on the west side of the street will be preserved as an off-set parking lane, serving as protection for the southbound bike lane.

Blaisdell Avenue S from 29th Street W to 40th Street W

The project includes the segment of Blaisdell Avenue S between 29th Street W and 40th Street W. The project will improve the existing conventional southbound bike lane on Blaisdell Avenue S and make connections with east-west bikeways including the Midtown Greenway and River Lake Greenway.

The proposed layout will include one southbound protected bike lane. Between 29th Street W and 31st Street W, the design will include two southbound drive lanes. The existing parking lane on the west side of these blocks will be removed and relocated to the east side of the street. Between 31st Street W and 40th Street W, the design will include one southbound drive lane. The City has received a variance for this configuration, as Municipal State Aid rules require two drive lanes on a one-way street. At 35th Street W, 36th Street W, 38th Street W, and 40th Street W the design will include left turn lanes and shared bike lane/right turn lanes.

Franklin Avenue E from 29th Avenue S to Seabury Ave

The project includes the segment of Franklin Avenue E (CSAH 5) between 29th Avenue S to Seabury Avenue. This segment of Franklin Avenue E is a Hennepin County roadway and City staff has developed the layout in coordination and with support from County staff. The project will improve the existing conventional bike lane on Franklin Avenue E and make connections with several bikeways including Franklin Avenue E west of 29th Avenue S, Riverside Avenue S, West River Parkway, and the Franklin Avenue Bridge over the Mississippi River.

The proposed layout will include one-way protected bike lanes in each direction and one drive lane in each direction. The design will add a center left turn lane between the 2800 block of Franklin Ave E and 31st Avenue S by removing one westbound drive lane. At Riverside Avenue S the design will maintain the existing westbound right turn lane.

Financial Review:

No financial impact.

Attachments:

1. 11th Avenue S Project Rationale and Overview 30%
2. 11th Avenue S Proposed Layout
3. Blaisdell Avenue S Project Rationale and Overview 30%
4. Blaisdell Avenue S Proposed Layout
5. Franklin Avenue E Project Rationale and Overview 30%
6. Franklin Avenue E Proposed Layout