Brooklyn Boulevard (County Road 152) Reconstruction Project – Phase I

OPEN HOUSE

June 20, 2017
Brooklyn Boulevard (County Road 152) – Phase I

Project Partners

Project Lead

Other Project Partners include

City of Brooklyn Center
Hennepin
Department of Transportation
Three Rivers Park District
SRE
Minneapolis City of Lakes
Metro Transit
Brooklyn Boulevard (County Road 152)

- **Phase I Project Purpose:**
  - The proposed reconstruction and streetscape improvements will improve roadway and intersection safety, enhance traffic operations and provide improved bicycle and pedestrian facilities.
Background: 2013 Corridor Study

- Study partners included: City of Brooklyn Center, Hennepin County, MnDOT, Metro Transit and Three Rivers Park District
- Completed in 2013
- Study Limits from 49th Avenue to TH 694
- Two public open houses held for public input
Background: 2013 Corridor Study

- Study Purpose – To set a long term vision for the Brooklyn Boulevard Corridor including:
  - Roads (traffic and safety)
  - Bike and pedestrian facilities
  - Transit
  - Streetscaping

Table 2: Vision and Goals

<table>
<thead>
<tr>
<th>Topic</th>
<th>Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roadway Functionality</td>
<td>Improve roadway safety, improve traffic operations, reduce the number of access points to enhance mobility and safety, and address all modal needs.</td>
</tr>
<tr>
<td>Land Use, Community Character and Redevelopment</td>
<td>Identify land uses that are not compatible with the future vision for transportation functions, improve transitions to residential neighborhoods, develop a streetscape concept, and promote Complete Streets principles.</td>
</tr>
<tr>
<td>Transit</td>
<td>Enhance transit rider safety and comfort, improve transit operations, support transit ridership by providing transit supportive land uses, and identify deficient pedestrian access to bus stops.</td>
</tr>
<tr>
<td>Pedestrian and Bicycle Facilities</td>
<td>Identify gaps in the trail and sidewalk network, appropriate improvements given the corridor context, and key pedestrian crossing enhancements.</td>
</tr>
<tr>
<td>Implementation</td>
<td>Identify a comprehensive set of projects to build towards the long-term vision for the corridor, identify potential funding sources and agency responsibilities, prioritize needed improvements, and sustain long-term agency commitment to the study recommendations.</td>
</tr>
</tbody>
</table>
Background: 2013 Corridor Study

• Study provided recommendations consistent with the long term vision
• Study developed a preferred concept layout and implementation plan with 13 potential projects
Progress since Corridor Study

- TH 100 Bridge re-decking completed by MnDOT in 2015
- Re-striping / lane reconfiguration south of 49th Avenue completed by Hennepin County (three lane section with Bike Lanes)
Progress since Corridor Study

- Using implementation plan from study, the City of Brooklyn Center split the corridor into two segments for construction (two phases)
  - Phase I – 49th Avenue to north of Bass Lake Road
  - Phase II – North of Bass Lake Road to TH 694
- In 2014, the City applied for and received federal funding for Phase I as a 2018 construction project
Project Overview

- Roadway Improvements

- Mill & Overlay
- Reconstruction
- 51st Ave & Lilac Dr Revisions
- 49th Ave Revisions
- Frontage Road Realignment
Project Overview

• Roadway Improvements

  – Curb replacement and mill & overlay from 49th Avenue to 51st Avenue
  – Reconstruction of Brooklyn Boulevard from 51st Avenue to Bass Lake Road
  – Access modification near 51st Avenue
  – Frontage Road re-alignment near 55th Avenue
  – Traffic Signal replacement at 49th Avenue, 55th Avenue and Bass Lake Road
  – New traffic signal at the TH 100 south ramps
Project Overview

• Bike and Pedestrian Improvements

On-street bike lanes

Trail and Sidewalk Improvements

10’ Paved Trail

6’ Concrete Sidewalk

On-street bike lanes
• **Bike and Pedestrian Improvements**
  
  – Paved 10’ trail with 10’ boulevard on the west side of Brooklyn Boulevard
  – Concrete 6’ sidewalk with 10’ boulevard on the east side of Brooklyn Boulevard
  – On-street bike lane from 49th Avenue to 51st Avenue (connection to existing bike lanes south of 49th Avenue)
  – Pedestrian cross walk and center refuge at 51st Avenue
  – Connection to TRPD trail at 55th Avenue
Project Overview

- Streetscaping Improvements
• Streetscaping Improvements

– Gateway monuments at 49th Ave and Bass Lake Road (County Road 10)
– Meandering trail between 51st Ave and Bass Lake Road
– Boulevard trees
– Street lights and banner poles
– Medians with trees, turf and landscaping with bollards at ends
– Storm water BMPs including rain gardens and infiltration swales
Project Overview

- Streetscaping Improvements – Sample Design Elements
  - Lighting and Street Trees
  - Boulevard Plantings
  - Bollards and benches / fencing
  - Gateway monuments
Project Overview

• Streetscaping Improvements – Sample Gateway Monument Sketches

49th Avenue / Xerxes Ave (NE Corner)  Bass Lake Road (SE Corner)
Project Overview

• Transit Improvements
Project Overview

- Transit Improvements
  - Bus Rapid Transit Station at 51st Avenue (project being completed by Metro Transit)
  - Upgraded bus stop amenities (benches, trash receptacles, plantings, etc)
Station Features

- Station marker
- NexTrip bus arrival sign
- Security features
- Improved sidewalk lighting
- Shelter with heat and light (size varies based on activity)
- Ticket machines & Smart card reader
- Maps & schedule information
- Clear sidewalk for safe boarding through all doors plus space for benches & bike racks
49th Ave Intersection Improvements

• Conversion to 3-lane section
• Tightened NW radius to reduce pedestrian crossing distances
• Relocation of Metro Transit bus stop
• Reconfiguration of Xerxes Avenue intersection
• Signal reconstruction including ADA, APS and FYA
51st Ave Intersection Improvements

- Conversion to 3-lane section south of intersection
- Center raised median island for pedestrian crossing
- Closure of west leg of intersection
- Right in / right out entrance for school and church
- Addition of turn lanes (SB on Brooklyn Boulevard and on 51st Avenue)
- Bus stop consolidation
- Proposed BRT Station
Lilac Drive & South TH 100 Ramp Improvements

- New access to Brooklyn Boulevard from Lilac Dr
- New traffic signal including ADA, APS and FYA
- Removal of free right turn (right turn at new intersection)
- Tighten free right (vehicles travel at lower speeds)
55th Ave Improvements

- Signal reconstruction including ADA, APS and FYA
- Removal of free right turns
- Realignment of Frontage Road to provide greater intersection spacing
- Relocate metro transit bus stop to intersection
Bass Lake Road (County Road 10) Improvements

- Signal reconstruction including ADA, APS and FYA
- Dual southbound left turn lanes
- Removal of free right turns
- Pedestrian median refuge
Property Impacts

• Phase I - Property impacts identified during 2013 corridor study:
  – Between 49th Ave and 51st Ave for trail and sidewalk construction
  – West of Brooklyn Boulevard at 55th Ave for Frontage Road re-alignment
  – “Slivers” on east side of Brooklyn Boulevard (north of TH 100)
Property Impacts

- 49th to 51st Ave
  - Easement for proposed trail and sidewalk

Brooklyn Boulevard Between 49th Avenue and 51st Avenue (with Shared Left Turn Lane)
• Easement acquisition process
  – Introduction letters will be sent to impacted property owners in July
    • Letters contain information on the right of way process and include a contact information questionnaire and preliminary property sketches
  – Appraisers will contact property owners directly to assess property impacts
  – Right of way agents will arrange on-site meetings to present offers
City Project – 51st Avenue

- Project will be constructed concurrently with Brooklyn Boulevard – Phase I
- Project limits: 51st Avenue from Brooklyn Boulevard to Xerxes Avenue
- Project improvements
  - Roadway reconstruction including curb and gutter
  - Sidewalk construction / reconstruction
  - Watermain and Sanitary Sewer replacement
- Standard City assessment process to be followed for City project
Overall Project Schedule

• Design and Plan Development
  – Summer 2017 – Spring 2018

• Construction of Phase I improvements
  – Spring 2018 – Fall 2019

• Design and Construction of Phase II from Bass Lake Road to I-694
  – Future improvements 2018-2021
Upcoming Meetings

• Summer 2017 – Individual meetings with impacted property owners

• Fall 2017 - 51st Avenue City Project Meeting
  – Provide details on assessments

• Fall / Winter 2017 – Open House Meeting
  – Provide details on construction schedule and staging / access during construction
Thank you!

We welcome your input using the comment cards, or contact us after the meeting at:

publicworks@ci.brooklyn-center.mn

Project Contacts:

Mike Albers
Brooklyn Center Project Engineer
malbers@ci.brooklyn-center.mn.us

Nathan Ellingson
Hennepin County Project Engineer
nathan.ellingson@hennepin.us

Project Website: