Bridging the Gap

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Conducted on behalf of
Saint Anthony Park Community Council
December, 2009

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Bridging the Gap

A Pedestrian, Bicycle, and Traffic Calming Plan for the St. Anthony Park Neighborhood in St. Paul and the Prospect Park Neighborhood in Minneapolis, Minnesota
This project was supported by

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CURA
Center for Urban and Regional Affairs

The landscape architecture firm Landscape Architecture, Incorporated.

LANDSCAPE ARCHITECTURE INCORPORATED

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Bridging the Gap Task Force:

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Joe Ring
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Paul Saint Martin, City of Saint Paul Public Works

Prospect Park East River Road Improvement Association

Saint Anthony Park District 12 Community Council
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Introduction

Project Background

Highway 280 presents a barrier between southwest Saint Anthony Park and the rest of the neighborhood to the east, between Saint Anthony Park and Prospect Park, and between Saint Paul and Minneapolis. Easily crossable by car, navigating Highway 280 by foot or bicycle presents significant challenges.

The neighborhoods of Saint Anthony Park in Saint Paul and Prospect Park in Minneapolis have undertaken a study and community public process to identify bicycle, pedestrian, and traffic calming scenarios for crossing Highway 280 on Territorial Road and Franklin Avenue, as well as specific traffic calming measures for key intersections along the proposed pedestrian/bike route.

Prospect Park and Saint Anthony Park are likely to see significant changes in coming years, among the changes considered were:

- The University of Minnesota TCF football stadium drawing large numbers of people through the neighborhoods on event days
- Central Corridor Light Rail Line will change the land use, street layout, and traffic movement along University Avenue
- Additional traffic and movement changes on adjacent streets and sidewalks will result from changes made along University Avenue (streets/sidewalks that connect to or are nearby University Avenue will become alternate routes)
- Redevelopment to higher density forms around University Avenue has already started and is expected to continue in the future
- Higher bike and pedestrian use is anticipated with new facilities and development happening in the corridor (area along University Ave.)
Context map

Showing the neighborhoods and area being explored for bike and pedestrian routes.
Images of existing road conditions

Territorial Road between Raymond Avenue and Highway 280

Map indicating where photo was taken
Red arrow indicates where photo was taken and the direction of the view

Territorial Road Looking toward bridge over Highway 280
Image compliments of the Metropolitan Design Center
Images of existing road conditions

Territorial Road near Cromwell Avenue and Bridge over Highway 280

Territorial Road looking west toward bridge over Highway 280

Image compliments of the Metropolitan Design Center
Images of existing road conditions

Territorial Road near Westgate Drive
Images of existing road conditions

Franklin Avenue near Emerald Street
Images of existing road conditions

Franklin Avenue Bridge over Interstate 94
Images of existing road conditions

Franklin Avenue Bridge over Interstate 94

Franklin Avenue Bridge over Interstate 94 looking east

Image compliments of the Metropolitan Design Center
Images of existing road conditions

Franklin Avenue near Thornton Street
Larger Context

Central Corridor Light Rail Transit (LRT)

Light Rail Transit for what is called the Central Corridor Line (University Avenue/Washington Avenue connecting the State Capitol in Saint Paul to the Central Business District in Minneapolis) is to begin construction in 2010.

This new LRT line will provide an alternative transportation option for the public travelling between downtown Saint Paul and downtown Minneapolis. The LRT line will transform the arterial streets that are to accommodate them, and alter the use of the adjoining and adjacent streets. In some instances, land use for areas along the Central Corridor are expected to change as the result of the enhanced public transit option.

In anticipation of the new Central Corridor LRT line neighboring communities, cyclists, and pedestrians are taking action to ensure that access (where possible) is controlled, maintained, and enhanced. The desire for walkable and bikeable communities/streetscapes is the driving point for the Bridging the Gap project.

Bridging the Gap is a project intended to explore alternate routes between the Prospect Park Neighborhood in Minneapolis and the Saint Anthony Park Neighborhood in Saint Paul that could accommodate, compliment, or enhance pedestrian and bicycle access in anticipation/response to the changes occurring as a result of new transportation projects and development occurring in the area.
Central Corridor Station Area Plans

Westgate Station Area 15 minute peak-hour and 20 minute non-peak hour minimums on route 8 connecting Franklin Avenue between the Westgate LRT station and the Franklin LRT station (University LRT) are required.

Improved Freeway Crossings

As freeway crossings (with traffic bridges) are redesigned and reconstructed, include widened sidewalks, crash barriers between traffic & sidewalks, pedestrian-level lighting, and approach sidewalk lighting & landscaping. Pedestrian-only freeway crossings should be rebuilt or retrofitted to include well-lit crossings of St. Anthony and Concordia, bridge lighting, and careful landscaping that does not obscure views to and from the bridge.
Approach

In light of future changes and existing bike/pedestrian issues between the neighborhoods the Saint Anthony Park Community Council (SAPCC) and The Prospect Park, East River Road Improvement Association (PPERIA) applied and received grant funding from the University of Minnesota Good Neighbor Fund to document community issues and develop plans/generate ideas that offered solutions for the cyclist and pedestrian concerns.

Grant

The Good Neighborhood Fund grant application described the Bridging the Gap: A Pedestrian, Bicycle, and Traffic Calming Plan project in the following way: We will hire a consultant to complete a pedestrian, bicycle, and traffic calming plan for a network of streets around the nexus of University Avenue and Highway 280. Primarily, we will examine Franklin Avenue and Territorial Road and their connections to other major bicycle and pedestrian routes. We will examine Franklin Avenue from the East River Parkway east to a connection with University Avenue. For Territorial, we will look at a connection on the west with University Avenue and the University Transitway and east to Transit Road. For a map of the area and proposed routes, as well as more detailed explanations of the beneficial connections and larger transit network, please view the attached excerpts from the Central Corridor Raymond and Westgate station area plans.

SAPCC and PPERIA will be responsible for overseeing the hiring and work of the consultant planning firm. SAPCC and PPERIA will organize a minimum of three community meetings for input into the plan as well as publicize the process and gather comments from the public.

Task Force

In the summer of 2008 a Bridging the Gap task force was formed to coordinate the decision making process of the project. Comprised of local residents, the task force met monthly or bimonthly throughout the duration of the project. Initial meetings determined the general scope of the project. The task force would coordinate three public forums to solicit input from the community and receive further direction on what action the task force should undertake.
Consultant

Landscape Architecture, Incorporated was hired as a consultant to provide additional technical information, research streetscape restriping and reconstruction opportunities, and generate graphics illustrating existing road conditions in contrast to viable alternative options.

Public Forums

11 November 2008 – First Public Forum: During this first public interaction local residents discussed pedestrian, bicycle, and automobile concerns with the task force.

13 January 2009 – Second Public Forum: Project area was presented; the residents in attendance were invited to offer comments, concerns, and suggestions (via post-it notes placed on an aerial map of the area and small group discussions) relating to pedestrian and bicycle issues within and connecting the two neighborhoods.

31 March 2009 – Third Public Forum: At the final public forum the suggested bicycle route between/through the two neighborhoods was presented along with several options on streetscape design for the streets found along the route. Traffic calming solutions were presented for several key intersections to slow traffic and enhance pedestrian crossings. A questionnaire was distributed to gather further comments/community consensus.
Commentary gathered at public forums

Franklin Avenue
1. "Ramp with stairs (Pied Bridge over I-94)"
2. "Franklin high traffic when 94 is heavy"
3. "Enforce axle weight limits; we've seen large trucks and semi's"
4. "No two-way bike lanes"
5. "Skirt unused walk cycles @ Franklin & East River Pkwy"
6. "Switch Franklin to one way for cars, add buffered bike lanes and/or painted bike lane (East of I-94)"
7. "Dedicated stoplights for bikes: physical separation from roadway (near Seymour)"
8. "Increased signage for cycling "backways" Wabash to Emerald to Sharon etc."
9. "Northside bike lane (just W of Emerald)"
10. "Enforce speed limit on Franklin"
11. "Franklin alternative for East bound cyclists (Sharon)"
12. "Car free first Sunday"
13. "No Parking on Franklin either side"
14. "No green, feels like a freeway. Slide lane over – bike lane on North (Franklin & 280)"
15. "Add more 'Stop Ahead' signs on Franklin as you are approaching Emerald. Letting people know they will have to stop very soon will encourage them not to bother speeding up."
16. "Like the idea of separate bike lanes, ped lanes, one-way traffic lanes, boulevards shown in reconstruction options for Franklin"
17. "Restrriping with pathway identified in different color, reconstruction on Franklin may help with ice (a lot) on sidewalks"
18. "Intersection of River Road and Franklin - change lights so every car stops and bikes/peds can cross any/every way at one time"

Highway 280
19. "280 crossings are not pedestrian friendly-divide SAP neighbors"
20. "Tree lined Parkway across 280"

Pelham
21. "PELHAM IS IMPORTANT"

University Avenue
22. "Biking problem getting across Univ. N-S"
23. "Hard to cross University on foot or bike at Franklin"
24. "University needs to accommodate peds and bikes"
25. "Would it be feasible to put a foot / bike bridge across University, between Raymond and Bedford? Hard to cross anywhere in that stretch (University)"

Territorial Road
26. "With huge parking lots put in rain gardens or water filtration to keep water out of sewer"
27. "Speed bump between residential & commercial areas [on Territorial and Charles off of Hampden]"
28. "Like the additional green space, sidewalks, and greenway"

Raymond Avenue
29. "Raymond to Franklin is Difficult (Bike path via easement Raymond to University to Franklin)"
30. "Pave Raymond full width"
31. "Like tree boulevard, bump-outs, and bike lanes – parking on NE side is good"
32. "Want to slow traffic with speed bumps?"
33. "Currently no speed limit posted on Raymond"

University of Minnesota Transitway
34. "We need the bike / ped path along the transitway plowed so we can use it in winter"

Miscellaneous
35. "Connect to Midtown Greenway [future Midtown greenway]"
36. "Bike and Pedestrian path from Health Partners Como Clinic Area to proposed park [Though it SAP parallel to 280]"
37. "New bump out forces bikes back into auto traffic [Hampden E of Coop]"

Comments About Areas Not Shown On The Map
"Promote park and ride from St Paul Campus for stadium events"
"Center turn lane on Energy Park Dr"
"Signage (same area as above + connection to 4th)"
"Reflective lines striping is important"
"Undetermined road edge and poor condition (4th St) through industrial area between University Ave and Transitway (west of 4th Ave cul-de-sac)"
"Bike lanes on Energy Park Drive"
Numbers correlate with commentary on the previous page. These are the comments that were gathered during the public forums and are relevant to this project as a whole; comments that spoke to specific areas (that can be found within the graphics section later in this document) have been included there.
Survey of Franklin Avenue Residents

48 of 67 residents responded to survey

98% - Acceptable to give up one side of parking

85% - Would like to see a dedicated bike lane

65% - Bump outs acceptable

3% - No change should be made
### Survey of businesses along Territorial Road

#### 2008 Survey of Businesses Located Along Territorial Road

<table>
<thead>
<tr>
<th>BUSINESS NAME</th>
<th>ADDRESS</th>
<th>Do you want to be notified of the public meeting?</th>
<th>Do your employees or clients currently use on-street parking on Territorial Road?</th>
<th>How many of your employees or clients bike, walk, or use public transit?</th>
<th>To provide more space for pedestrian &amp; bicycle enhancements would it be acceptable to have auto parking on one side of Territorial Road only?</th>
<th>Would you like to see a dedicated bicycle lane on Territorial Road?</th>
<th>Would it be acceptable to have two or three pedestrian bump-outs on Territorial Road?</th>
<th>Do you feel no changes to Territorial Road should be made?</th>
<th>Comments?</th>
<th>Contact information</th>
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<td>2308 Territorial Rd</td>
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<td>Y Yes</td>
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<tr>
<td>A &amp; T Tires Dry Ice</td>
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<td>0 0</td>
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<td>Tract</td>
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<td>By-Sea Incorporated</td>
<td>400 Hampshire Ave.</td>
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<td>55%</td>
<td>64%</td>
<td>50%</td>
<td>66%</td>
<td>25%</td>
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#### Comments from Survey:

- **Big Ten Improvement:** A way stop at Territorial/Woodland.
- **Denny's Fish Market:** We are in a tight commercial area, (and don't want bike or foot traffic). There is no reason to make it easier for pedestrians to come down Territorial. This will only make getting in and out of the businesses more difficult.
- **Encompass Group Tires:** We would suggest no overnight parking on either side of Territorial and daytime parking on one side. This removal is going to be an issue this winter.
- **Jefferson Cafe:** Keep street parking, increase if possible.
- **Children's Hospital - HR:** No parking on the street at all. It gets too congested and there are a lot of truck traffic. It would be better for bicyclists, pedestrians, and even motorists.
- **IBM Employee Credit Union:** Yes - open up the area 1 block from Territorial.
- **Hunt Electric Corp:** Consider truck restrictions. Enforce speed limit. Since Territorial is not a through street, I don't understand the objective. What does this have to do with Franklin's due?
- **Groom Law Office:** My only concern is the truck traffic between Raymond and Maryland during weekdays. "Custon" Or "share the road" signs will be important. Charles St. might be a better option for that segment. More access points/road between Cleveland/Valleymain would be helpful. A bike lane option for making a left to go East, an unlit walk would help.

Of Those Surveyed - 22 Completed - 7 Not Returned
Bridging the Gap   -   Prospect Park in Minneapolis / Saint Anthony Park in Saint Paul, Minnesota   -   October 2009   -  ... the suggested route that have been reconstructed with bump outs and other pedestrian friendly/traffic calming measures.
Suggested bike and pedestrian route

The focus area includes the neighborhoods of Prospect Park in Minneapolis and Saint Anthony Park in Saint Paul.

Orange-yellow color indicates the suggested route, the dashed lines are alternative or unresolved sections of the route, the red dots are the areas of the route represented in section.

Bridging the Gap - Prospect Park in Minneapolis / Saint Anthony Park in Saint Paul, Minnesota - October 2009 - Page 19
Charles Avenue east of Carlton Street

Charles Avenue is bounded by light industrial/commercial to the north and residential/commercial on the south. The north side of the street does not have sidewalks, instead there is a series loading dock aprons dominating the area between the curb and buildings. On the south end of the street there is a sidewalk with a treeless boulevard between the curb and the parking lots for the businesses and housing. Given street width standards, currently there is enough road width for single-sided parking.

Approach based on community input

Charles Avenue serves as the alternative connection through Saint Anthony Park neighborhood to/from the east. Given the offstreet parking available to the residents and businesses to the south, most felt that the loss of street parking for this stretch of road in exchange for dedicated bike lanes seemed reasonable.
Approach based on community input

Should Charles Avenue be slated for a total reconstruction, the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), a central boulevard with trees (to offer shorter crossing distances for pedestrians and reduce the heat island effect), single-sided street parking, and boulevards [with trees] and sidewalks.
Territorial Road east of Raymond Avenue

Territorial Road is bounded by light industrial/commercial and residential. The north side of the street has a boulevard with small ornamental trees and sidewalk. On the south side of the street there is a sidewalk with a treeless boulevard. Given street width standards, currently there is enough road width for double-sided parking.

Approach based on community input

Territorial Road is the connection through Saint Anthony Park neighborhood to/from the east. Given the available space and little need for parking, most felt that single-sided street parking for this stretch of road in exchange for dedicated bike lanes seemed reasonable. Since the boulevards are large enough for boulevard trees, it made sense to include trees in the south boulevard.
Approach based on community input

Should Territorial Road be slated for a total reconstruction, the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), a central boulevard with trees (to offer shorter crossing distances for pedestrians and reduce the heat island effect), single-sided street parking, and boulevards [with trees] and sidewalks.
Territorial Road east of Highway 280

Territorial Road is bounded by commercial to the south and park/residential to the north. The north side of the street has a treeless boulevard and sidewalk. On the south side of the street there is a sidewalk with a concrete boulevard. Given street width standards, currently there is enough road width for double-sided parking.

Approach based on community input

Territorial Road is the connection through Saint Anthony Park neighborhood over Highway 280. Given the available space and little need for parking, most felt that single-sided street parking for this stretch of road in exchange for dedicated bike lanes seemed reasonable. Since the boulevards are large enough for boulevard trees, it made sense to include trees in the north boulevard.
"Total reconstruction adds a calming connection to park - add bump outs"

**TERRITORIAL east of HW 280 - Total Reconstruction**

**Approach based on community input**

Should Territorial Road be slated for a total reconstruction, the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), a central boulevard with trees (to offer shorter crossing distances for pedestrians and reduce the heat island effect), single-sided street parking, and boulevards [with trees] and sidewalks.
Territorial Bridge

The Territorial Road overpass (or bridge) over Highway 280 is the connection between the east and west of the Highway [that presents a barrier for cyclists and pedestrians wishing to cross from one neighborhood to the next]. Currently, the bridge has two elevated sidewalks on either side, and is stripped for two large over-sized drive lanes (one west bound lane and one east bound lane).

"Make Territorial bridge over 280 pleasant for bikers and pedestrians, also for children/baby carriages etc."

Approach based on community input

Motorists wishing to make left-hand turns off of Territorial Road tend to hug the left side of the lane while traffic wishing to continue along Territorial Road move past them on the right side of the lane (to avoid waiting behind the turning motorist). Given the available width, it made sense to create a dedicated left turn lane in the center of the overpass [half the bridge length for east bound and half for west bound motorists]. Space still allows for two dedicated bike lanes and snow storage along the edges of the lanes.
Territorial Road near Westgate Drive

Territorial Road is bounded by commercial. Both sides of the street have a boulevard with trees and sidewalk. Currently, there is enough road width for double-sided parking.

Approach based on community input

The commercial buildings along this stretch of Territorial Road have offstreet parking. Given the available space and little need for street parking, most felt that single-sided street parking for this stretch of road in exchange for dedicated bike lanes seemed reasonable.

"Territorial is wide - room enough for bike lanes? Even though it's very truck heavy"
Approach based on community input

For this scenario parking was completely removed, lanes were narrowed to 11' (as they have been in all restriping options to help slow traffic), two dedicated bike lanes were added, and a central striped median has been added to prepare motorists for a central boulevard (desired in the case of a total reconstruction). If funding became available the central boulevard could be cut out of the road/planted.

Approach based on community input

Should Territorial Road be slated for a total reconstruction the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), a central boulevard with trees (to offer shorter crossing distances for pedestrians and reduce the heat island effect), single-sided street parking, and boulevards [with trees] and sidewalks.
Westgate Drive

Westgate Drive is the connection between the University of Minnesota Transitway (a popular bike route for university students travelling between the Minneapolis and Saint Paul campuses) and Territorial Road. It is bounded by commercial. Both sides of the street have a boulevard with trees, in addition to a central boulevard with trees, and a sidewalk on the east side of street. Currently, there is enough road width for double-sided parking.

Approach based on community input

Westgate Drive is already designed in the character that is desired by the residents and task force that participated in the Bridging the Gap project. The west side of the street is too steep to add a sidewalk. The current road width allows for dedicated bike lanes without the loss of parking. A restriping is all that is needed to add the desired amenities.
Berry Street (north end)

Berry Street is bounded by commercial. There are sidewalks to the back of curb on both sides of the street. On the west side of the street there is foundation planting along the edge of the building that is technically within the ROW (Right-of-Way). Given street width standards, currently there is enough road width for double-sided parking.

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Approach based on community input

The east side of Berry has a parking lot for the commercial located on that side of the street. Given the available space and importance of Berry's connection to University Avenue/LRT, most felt that single-sided street parking for this stretch of road in exchange for dedicated bike lanes seemed reasonable.
Approach based on community input

Should Berry Street be slated for a total reconstruction the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), a central boulevard with trees (to offer shorter crossing distances for pedestrians and reduce the heat island effect), single-sided street parking, and boulevards [with trees] and sidewalks.
Berry Street (south end)

Berry Street is bounded by commercial. There are sidewalks to the back of curb on both sides of the street. Given street width standards, currently there is enough road width for double-sided parking.

Approach based on community input

The east side of Berry has a parking lot for the commercial located on that side of the street. Given the available space and importance of Berry’s connection to University Avenue/LRT, most felt that single-sided street parking for this stretch of road in exchange for dedicated bike lanes seemed reasonable.
Approach based on community input

Should Berry Street be slated for a total reconstruction the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), and boulevards [with trees] and sidewalks. Given the space and proximity to University Avenue and LRT transit station bike lanes took precedence over parking [which this close to the intersection would be undesirable/not be allowed].
Emerald Street (north end)

Emerald Street is bounded by commercial on the west side and residential to the east. On the west side of the street is a concrete boulevard and sidewalk. The east side of the street has a treeless boulevard and sidewalk. Given street width standards, currently there is enough road width for double-sided parking.

Approach based on community input

Where Emerald Street meets University Avenue on the west corner there is a business with multiple entrance and exit approaches that exit onto Emerald Street eliminating street parking for a significant length of the lot. Traffic travelling north to University Avenue are required to stop, removing the first 30 feet of parking on the east side of Emerald Street. As a result, bike lanes have been added in place of street parking. Boulevard trees on the east side of the street have been added along with a striped central median.
Approach based on community input

Should Emerald Street be slated for a total reconstruction, the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), and boulevards (with trees) and sidewalks. Given the space and proximity to University Avenue and LRT transit station bike lanes took precedence over parking.
Emerald Street (south end)

Emerald Street is bounded by residential. On the east side of the street is a boulevard with trees and sidewalk. The west side of the street is a treeless boulevard and sidewalk. Given street width standards, currently there is enough road width for double-sided parking.

Approach based on community input

On this stretch of Emerald Street there are attached-townhomes on the east side and single-family homes on the west side. The townhome development has a series of internal streets with available street parking for the residents of the townhomes. The single-family homes that face Emerald Street retained their street parking. Bike lanes and a striped central median were added in the place of one side of street parking.
Approach based on community input

Should Emerald Street be slated for a total reconstruction, the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), and boulevards [with trees] and sidewalks. A central boulevard with trees (to create shorter crossing distances for pedestrians), and single-sided parking.
Franklin Avenue near Thornton Street

Franklin Avenue is bounded by residential. Both sides of the street have a boulevard with trees and a sidewalk. Given the current use there is double-sided parking with two drive lanes (one east bound one west bound) despite the fact that the road lanes are narrower than what current street width standards would recommend.

Approach based on community input

Stretches of Franklin Avenue consists of considerably narrow drive and parking lanes for what would be designed today. Some residents expressed that although they like the narrower lanes because of the effect it has on slowing traffic, they do not enjoy the risk of losing side mirrors or vehicle damage caused by careless drivers. In this scenario the minimum drive lane width has been set by what is currently accepted (8'). An east bound dedicated bike lane, expanded single-sided parking lane (9”), and shared west bound 10 foot wide vehicle/bike lane were added.
FRANKLIN near THORNTON - Total Reconstruction

Approach based on community input

Should Franklin Avenue be slated for a total reconstruction the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area - in this case based on the current precedence, lane widths are 8'), and boulevards [with trees] and sidewalks. A central boulevard with trees (to create shorter crossing distances for pedestrians), and single-sided parking was also included.
Franklin Avenue (near Mews)

Franklin Avenue is bounded by residential. Both sides of the street have a boulevard with trees and a sidewalk. Given street width standards, currently there is enough road width for double-sided parking.

Approach based on community input

On this stretch of Franklin Avenue there are attached-townhomes with off-street parking on the north side, and a church and single-family homes with off-street parking on the south side. The church lot does spill over with members parking along the street during events. For this reason one side of street parking was maintained. Dedicated bike lanes were added in exchange for one side of street parking.
"Do not want Franklin to become four lanes"

FRANKLIN (west end near mews) - Total Reconstruction

Approach based on community input

Should Franklin Avenue be slated for a total reconstruction the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), and boulevards [with trees] and sidewalks. A central boulevard with trees (to create shorter crossing distances for pedestrians), and single-sided parking were added.
Franklin Avenue Bridge over Interstate 94

Franklin Avenue Bridge crosses over Interstate 94 in a residential area with no exits onto or off of the interstate and Franklin Avenue. As currently striped, Franklin Avenue Bridge has two lanes (one west and one east bound) with two elevated side walks.

Approach based on community input

Given the available road width there is plenty of space to include dedicated bike lanes and striped bands (for snow storage) along the edge of the road. One predominate complaint among cyclists is that bike lanes located along the edges of roads become filled with partially removed snow during the winter months. As an added benefit, the bands use up excess lane width, resulting in narrower lanes proven to help slow traffic.
Franklin Avenue near Seymour Avenue

Franklin Avenue is bounded by residential. Both sides of the street has a boulevard with trees and a sidewalk. The current use consists of double-sided parking with two drive lanes (one east bound one west bound), despite the fact that the lanes are narrower than what current street design standards would recommend.

Approach based on community input

Stretches of Franklin Avenue consists of considerably narrow drive and parking lanes for what would be designed today. Some residents expressed that although they like the narrower lanes because of the effect it has on slowing traffic, they do not enjoy the risk of losing side mirrors or vehicle damage caused by careless drivers. In this scenario the minimum drive lane width has been set by what is currently accepted (8'). An east bound dedicated bike lane, expanded single-sided parking lane (9’), and shared west bound 10 foot wide vehicle/bike lane were added.
"Reconstruction favored—significant slowing of traffic and improves safety for bicyclists."

FRANKLIN near SEYMOUR - Total Reconstruction

Approach based on community input

Should Franklin Avenue be slated for a total reconstruction, the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area—in this case based on the current precedence, lane widths are 8'), and boulevards [with trees] and sidewalks. A central boulevard with trees (to create shorter crossing distances for pedestrians), and single-sided parking have been added.
Franklin Avenue between Emerald Street and Highway 280

Franklin Avenue is bounded by light industrial/commercial and residential. The north side of the street has a boulevard with trees and a sidewalk. There is double-sided parking with two drive lanes (one east bound one west bound). The overall road width here is unique in that there is no southern boulevard, sidewalk, or curb. Essentially, the road runs right into the large warehouse located on the south side of the street. Parking along the south side is observed to be parallel, angled, or perpendicular depending on the motorist’s preference.

"Narrow Franklin"

FRANKLIN between EMERALD & HW 280 - Existing Conditions

FRANKLIN between EMERALD & HW 280 - Restriped

Approach based on community input

In an effort to add some structure, the restriping scenario in this case would include double-sided (8" wide parallel) parking lanes, dedicated bike lanes, standard width drive lanes, and a striped five foot sidewalk on the south side of the street.
Approach based on community input

Should Franklin Avenue be slated for a total reconstruction, the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), and boulevards (with trees) and sidewalks. Also included is a central boulevard with trees (to create shorter crossing distances for pedestrians), and single-sided parking.
Franklin Avenue between Highway 280 and Pelham Boulevard

Franklin Avenue is bounded by light industrial/commercial. There are sidewalks on either side of the street, no boulevards, single-sided parking (on the north side), and three drive lanes (two east-bound lanes, one west-bound lane).

FRANKLIN between HW 280 & PELHAM - Existing Conditions

FRANKLIN between HW 280 & PELHAM - Restriped

Approach based on community input

In the case of restriping additional bike lanes would be added, while still maintaining all three drive lanes and the parking.
Approach based on community input

Should Franklin Avenue be slated for a total reconstruction, the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), and boulevards [with trees] and sidewalks. Also included is a central boulevard with trees (to create shorter crossing distances for pedestrians), and single-sided parking.
Pelham Boulevard

Pelham Boulevard is bounded by commercial. There are sidewalks on either side of the street, boulevards (trees on the west side), double-sided parking, and two drive lanes (one east-bound lane, one west-bound lane). Currently, the street is signed as share the road.

PELHAM - Existing Conditions

- Eleven Foot Drive Lanes
- Eight Foot Parking Lanes
- Four Foot Nine Inch Boulevards
- Three Foot Sidewalks
- Left Lane

Approach based on community input

In the case of restriping dedicated bike lanes would be added in place of one side of street parking.

“Move centerline to the west 20 feet on Pelham; bikes need more space on uphill not so much on downhill”
Approach based on community input

Should Pelham Boulevard be slated for a total reconstruction the desired streetscape would include dedicated bike lanes, minimal road lane widths (to slow traffic and reduce pavement area), and boulevards [with trees] and sidewalks. Also included is a central boulevard with trees [to create shorter crossing distances for pedestrians], and single-sided parking.
Intersection of Territorial Road and Raymond Avenue

Interseccion of Raymond Avenue and Territorial Road. Traffic calming features include minimal lane widths, striped bike lanes, bump-outs and central boulevards (to create shorter crossing distances for pedestrians), different material used for crosswalks (to increase visibility), and boulevard trees (to provide visual and physical separation between motorists and pedestrians).
Intersection of Territorial Road and Westgate Drive

Intersection of Territorial Road and Westgate Drive. Traffic calming features include minimal lane widths, striped bike lanes, bump-outs and central boulevards (to create shorter crossing distances for pedestrians), different material used for crosswalks (to increase visibility), and boulevard trees (to provide visual and physical separation between motorists and pedestrians).
Intersection of Franklin Avenue and Seymour Avenue. Traffic calming features include minimal lane widths, striped bike lanes, bump-outs, and central boulevards (to create shorter crossing distances for pedestrians), different material used for crosswalks (to increase visibility), and boulevard trees (to provide visual and physical separation between motorists and pedestrians).
Final Conclusions

Project takeaway

The goal of the Bridging the Gap project was to complete a pedestrian, bicycle, and traffic calming plan for a network of streets around the nexus of University Avenue and Highway 280. We also wanted to create an opportunity for the communities of Prospect Park and Saint Anthony Park to have shared conversations about the connectivity and street environment issues we face now and will heighten after the Central Corridor’s LRT Line.

The project began with a call for taskforce members (met with great response), and continued through consultations with the Metropolitan Design Center, support from CURA, coordination with the Central Corridor Bike Walk Action Plan, the design work of Landscape Architects, and three public meetings. This report summarizes the accepted community solutions with detailed graphics. In addition to these formally adopted documents, the project did meet its goal of instigating cross-neighborhood conversations and understanding.

For example, as a shared street and key regional connector, Franklin Avenue was particularly important to address and became central to the forum discussions. Saint Anthony Park residents were able to learn about the history of Franklin Avenue and the challenges that the Prospect Park residents face to keep the neighborhood livable. Through trial and error and careful listening, Landscape Architecture designed solutions for Franklin Avenue that met the residents’ desire to not increase street speed that would attract additional through-motorists, while also allowing for the addition of boulevards, bike lanes, and other amenities.

The project also asked hard questions about the balance between parking and cyclist needs. Encouragingly, residents and businesses indicated a willingness to lose some parking to better accommodate bicyclists and pedestrians. We also discovered problems that we didn’t know existed. For example, our survey found that the businesses around Jefferson Commons (the large residential student development) are frustrated at the amount of parking taken on the streets by the residents. We then invited Jefferson Commons to our Land Use meeting and learned that they do not have enough parking to meet their demand. We were able to communicate this issue back to the city. Their Planning and Economic Development staff then incorporated our feedback and concern into proposed changes to the ordinance regulating parking requirements that would hopefully prevent the problem from reoccurring in future developments. Without Bridging the Gap, this issue would not have been addressed at this time.

Finally, the report provides a concrete tool for the neighborhoods to work towards implementation. Discussions about possibilities for street changes on the
neighborhood level are always limited by a lack of information about practical
details such as width of street right of way. Landscape Architecture completed
the necessary research to allow the conversation to happen with exact
knowledge of what options are on the table and the trade-offs they entail. Fully
informed, the neighborhoods were able to make decisions and prioritize uses.

Now that the neighborhoods have achieved consensus on a vision and
completed the planning groundwork, we are well positioned to advocate for the
desired changes. As opportunities arise, the neighborhoods will apply for funding
and be alert for potential synergy with other projects. These plans could be
implemented at once if funding was found for a comprehensive street re-striping
or reconstruction project. Or, more likely, they will be implemented piecemeal as
various funding sources are tapped and streets are due for reconstruction.
Bridging the Gap establishes a coherent vision for the bicycle and pedestrian
infrastructure in the project area, therefore, gradual completion will still be able to
achieve consistent results without further planning.

Although we satisfactorily addressed the scope of Bridging the Gap, during the
process the taskforce identified many remaining issues that should be
investigated further. Maintenance and adequate snow removal (especially in
bike lanes) was frequently mentioned together with the need for a coherent
signage strategy for the wider bicycle network. The connection across University
Avenue on the west side of Highway 280 is problematic and unclear, Junction
improvements along the Territorial Road and Franklin Avenue bridges across
Highway 280 need further investigation because of their complexity and
overlapping local and regional functions. Finally, the connection of Territorial to
the east across the industrial sector into the Hamline-Midway neighborhood
remains a critical unmet need once LRT is in place and University Avenue
becomes less friendly to cyclists.

Other issues that were brought up and discussed, but not included in the final
scope of this project, were the desire for bike lanes on Energy Park Drive, the
need for cyclist access to and on University Avenue, and the connections with
the Midtown Greenway to the south and the Transitway to the north. We are
hopeful that these areas will be addressed in the future and integrated with the
work done on this project.