



COMPLETE STREETS Construction Overview 2024

Presented on April 30th, 2024



Goals of this presentation

- Present an overview of DOMI's 2024 projects that relate to the goals and principles outlined in the City of Pittsburgh Complete Streets policy.
- Provide an opportunity for CSAG members to learn more about these projects type from the project managers.
- Build community capacity among CSAG members to foster a sense of ownership, understanding, and empowerment.

Content Team

DOMI Staff



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Complete Streets

Traffic Bureau



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Critical Sidewalk Gaps

Project Design + Delivery Bureau



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Traffic Signals

Traffic Bureau



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Project Manager

Neighborhood Traffic

Calming

Traffic Bureau



Zachary Workman

Project Manager

Traffic Signals

Project Design + Delivery Bureau

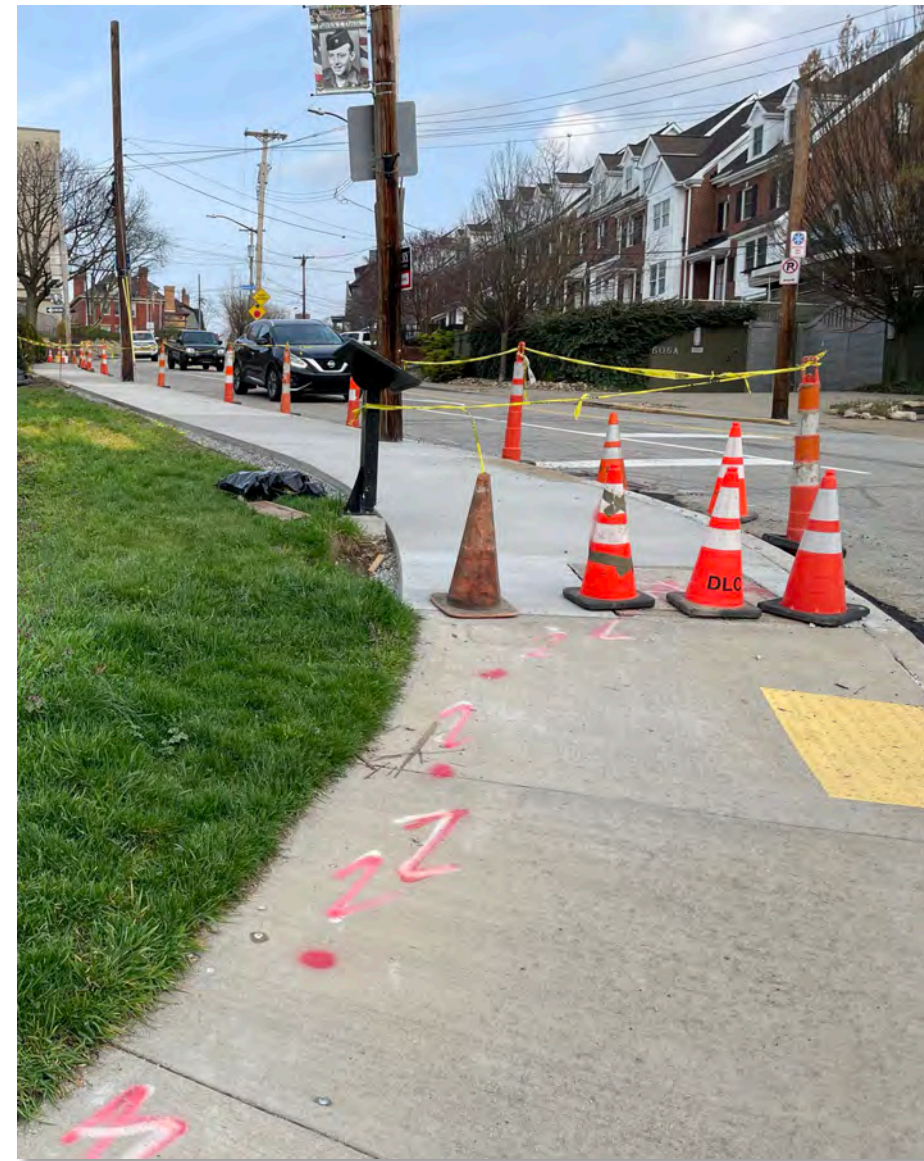


Critical Sidewalk Gaps

The primary goal of this program is to develop safe, accessible pedestrian connections to essential community resources such as schools, transit stops, business districts, and parks.

There are 1304 miles sidewalk in the City of Pittsburgh

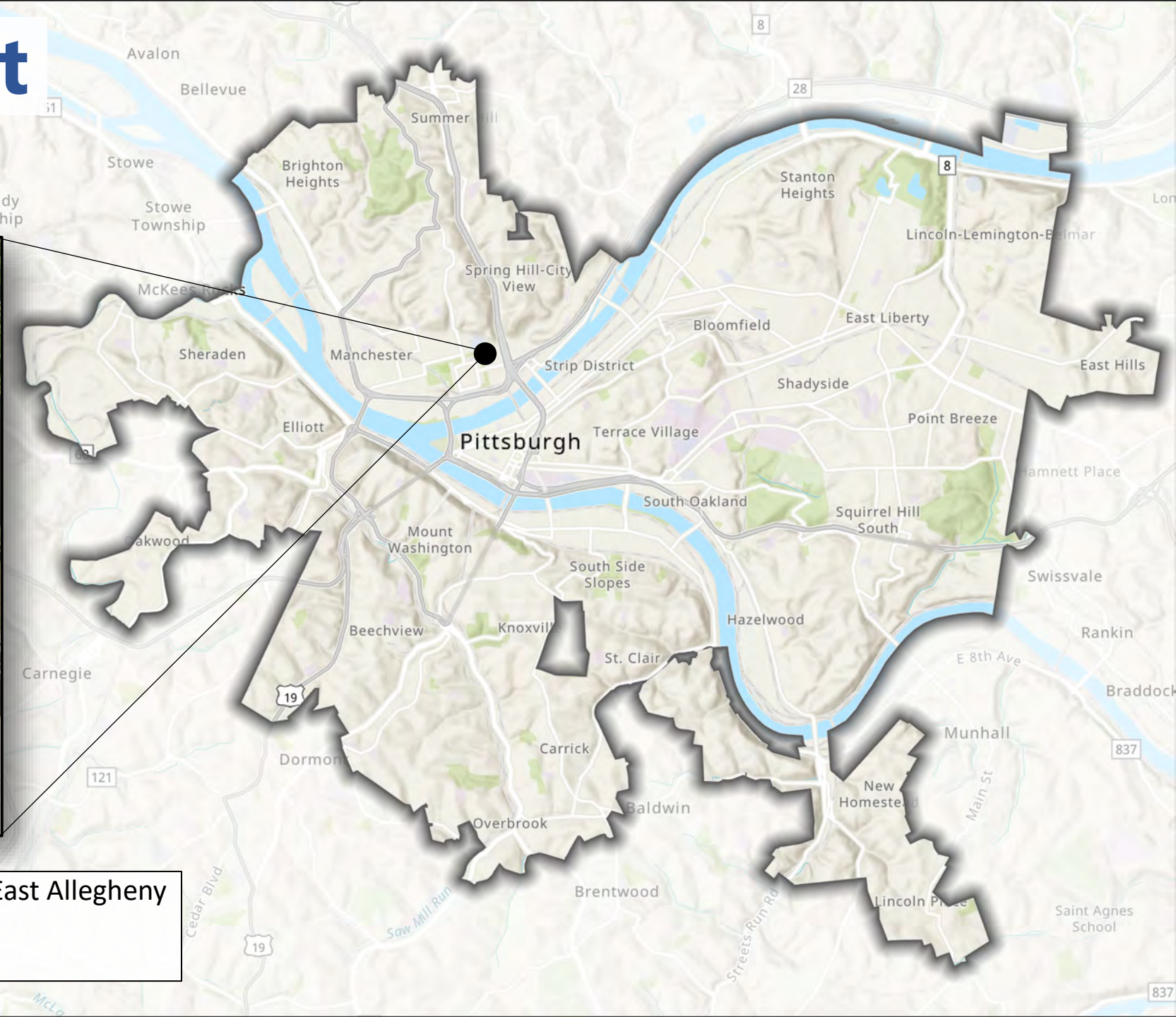
83.7 miles (6%) are owned by the City.



Merrimac Street

Sidewalk Project

Fountain Street



Neighborhood: Fineview / Central Northside / East Allegheny

Council District: 1

Sidewalk Project

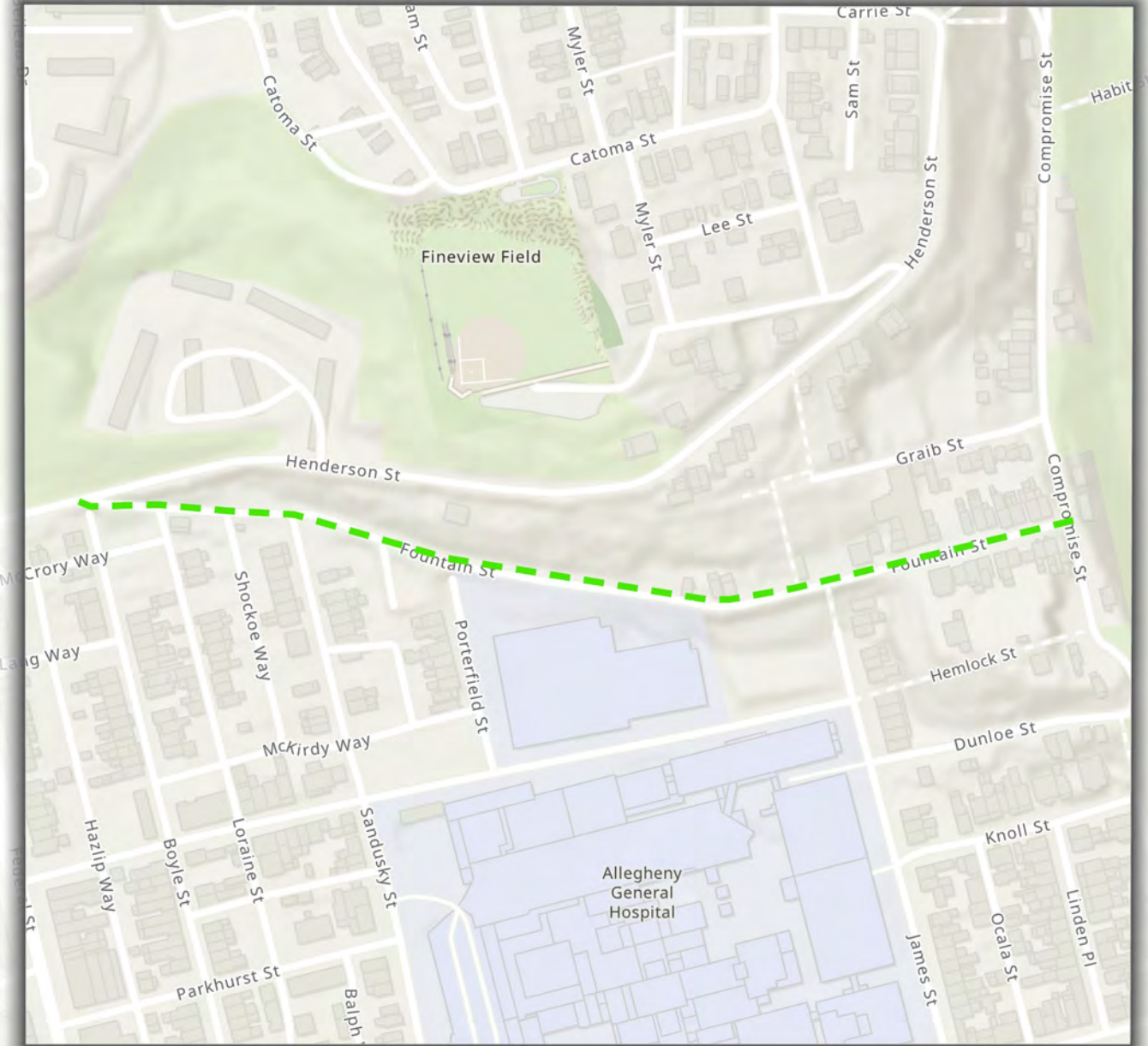
Fountain Street

J40 Community: Yes

High Injury Network: No

Extents: Henderson St. to Compromise St.

Length: Approx. 1700 ft



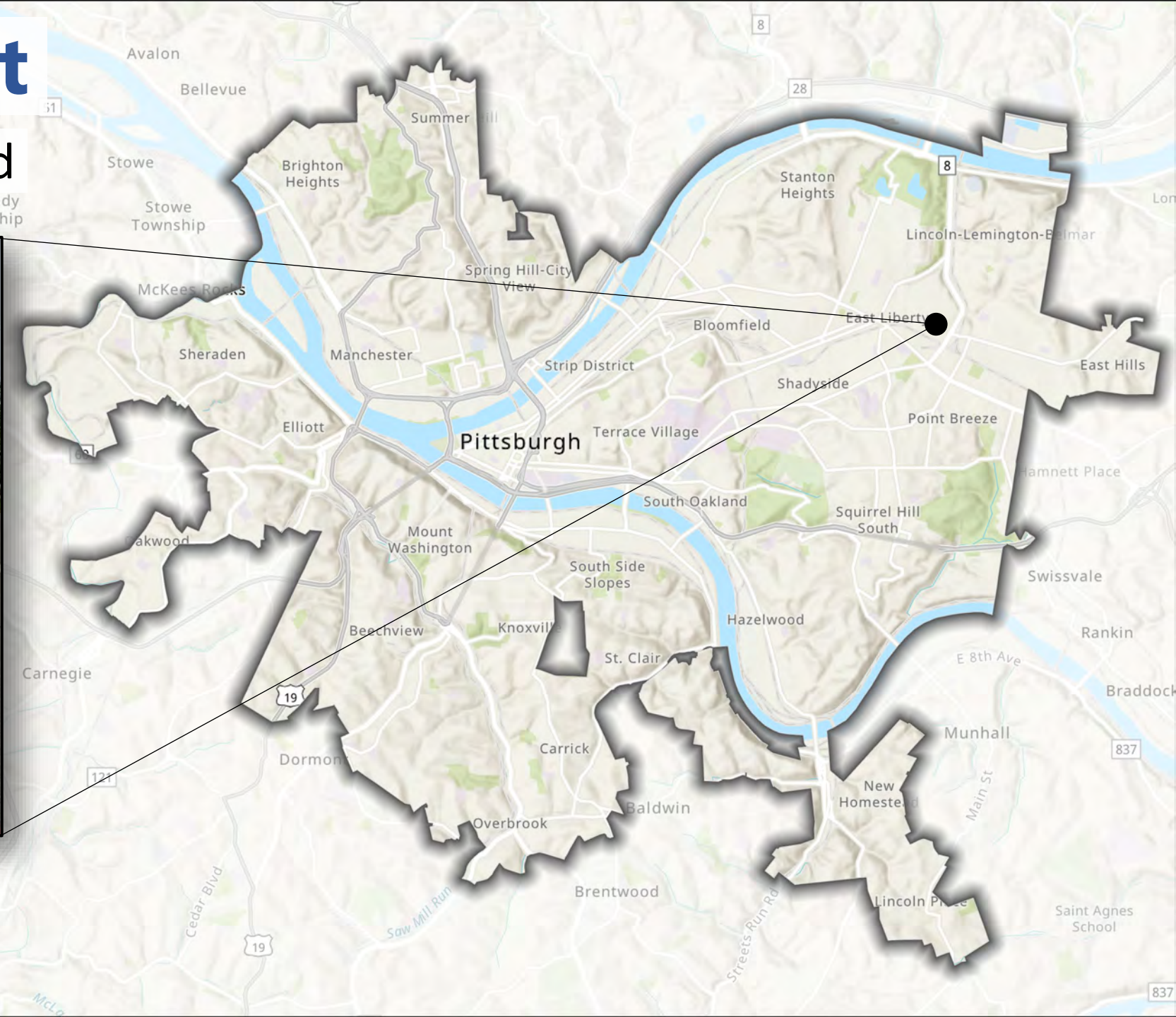
Sidewalk Project

Broad Street & E Liberty Blvd



Neighborhood: East Liberty

Council District: 9



Sidewalk Project

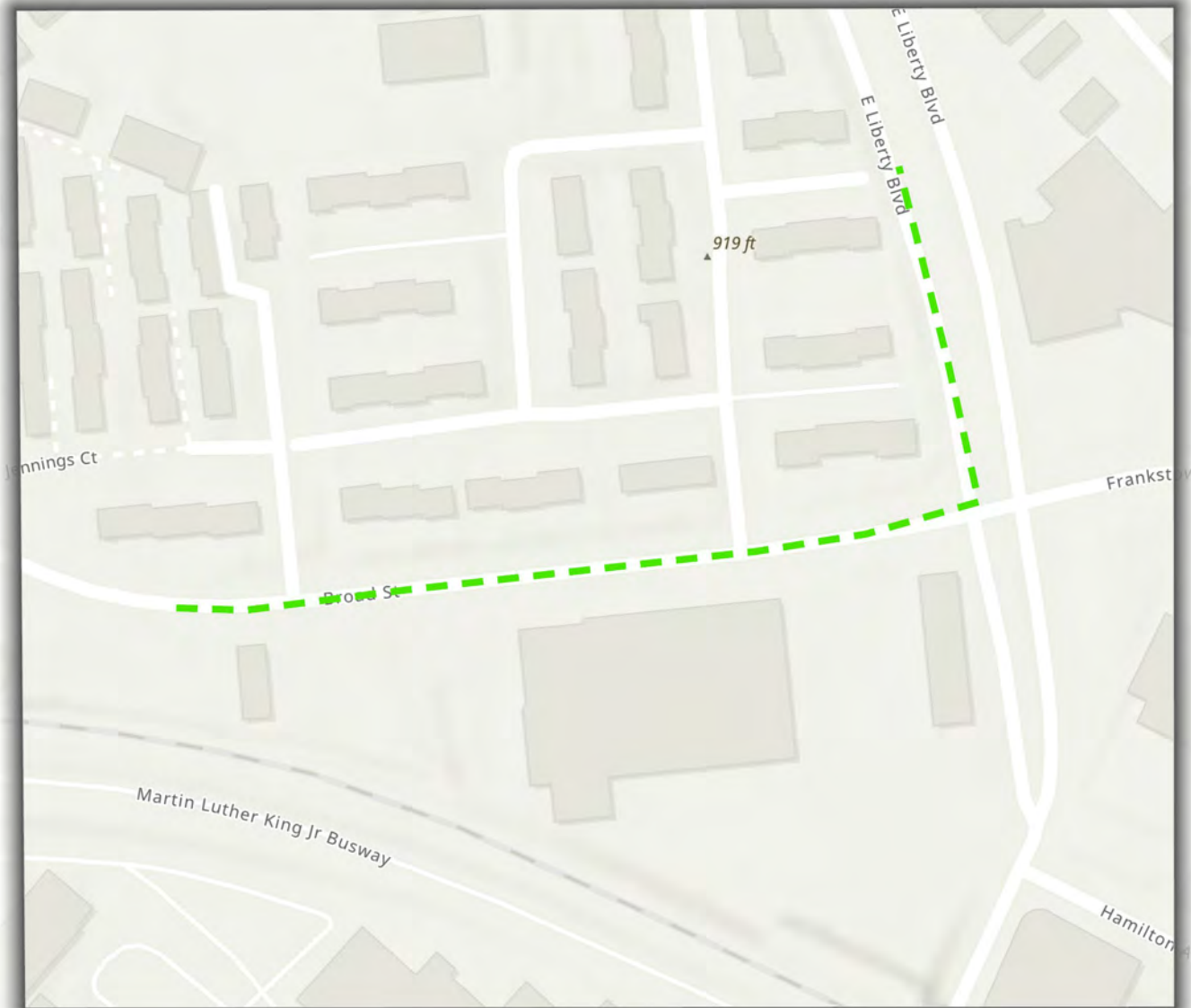
Broad Street & E Liberty Blvd

J40 Community: Yes

High Injury Network: Yes

Extents: The intersection of Broad St and E Liberty BLVD.

Length: Approx. 1100 ft



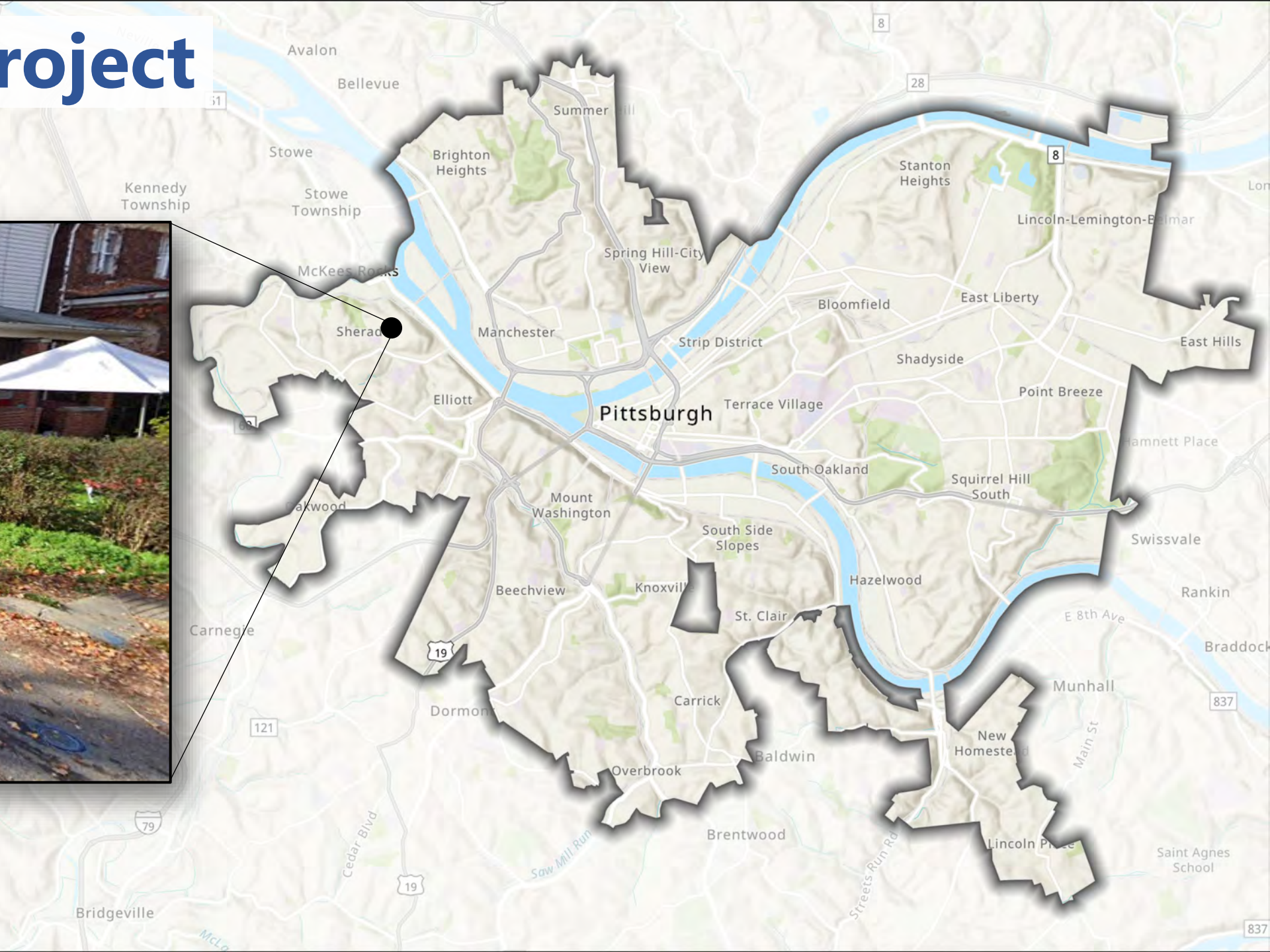
Sidewalk Project

Thornton Street



Neighborhood: Sheraden

Council District: 2



Sidewalk Project

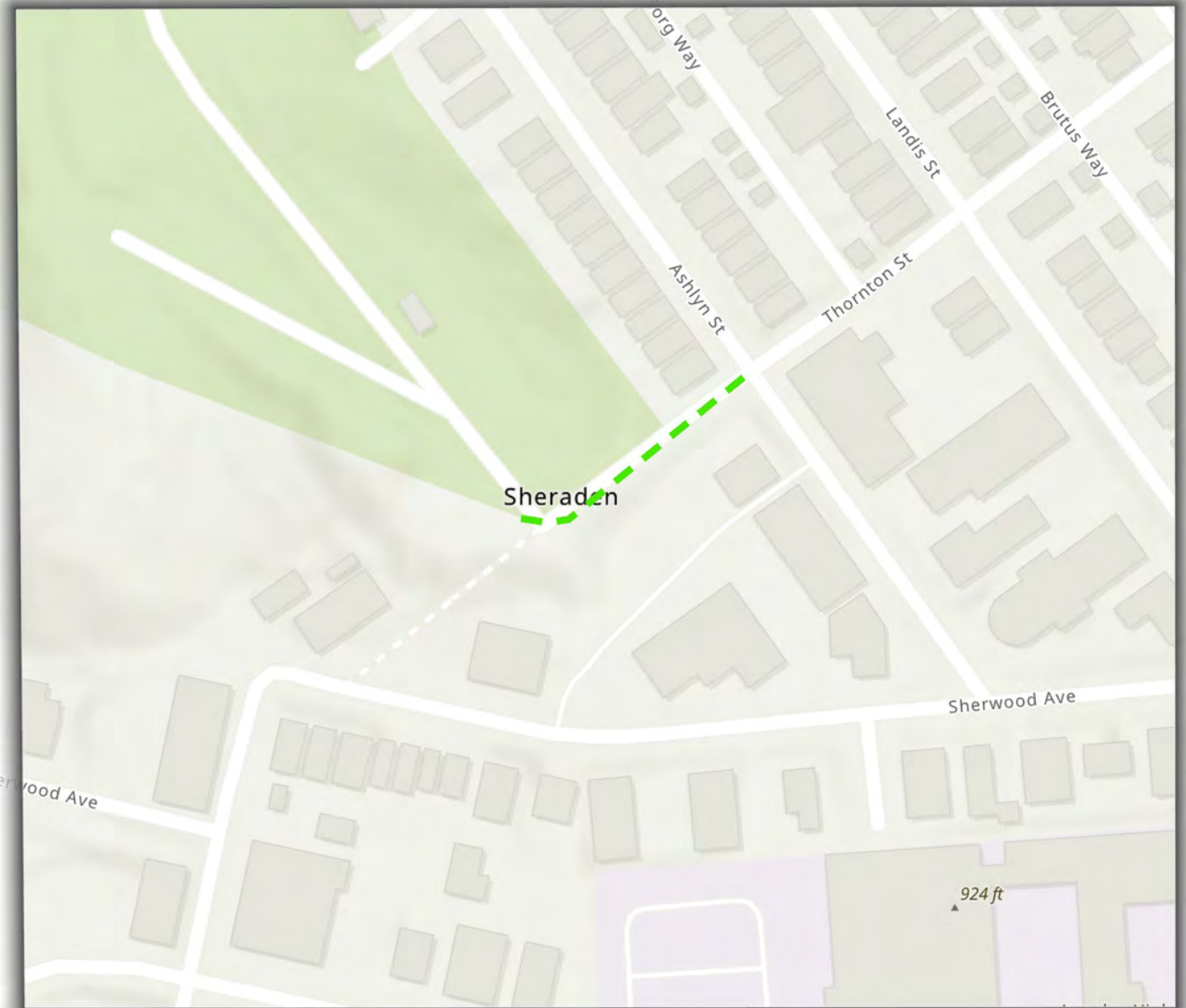
Thornton Street

J40 Community: Yes

High Injury Network: No

Extents: From Surban St to Ashlynn St.

Length: Approx. 300 ft



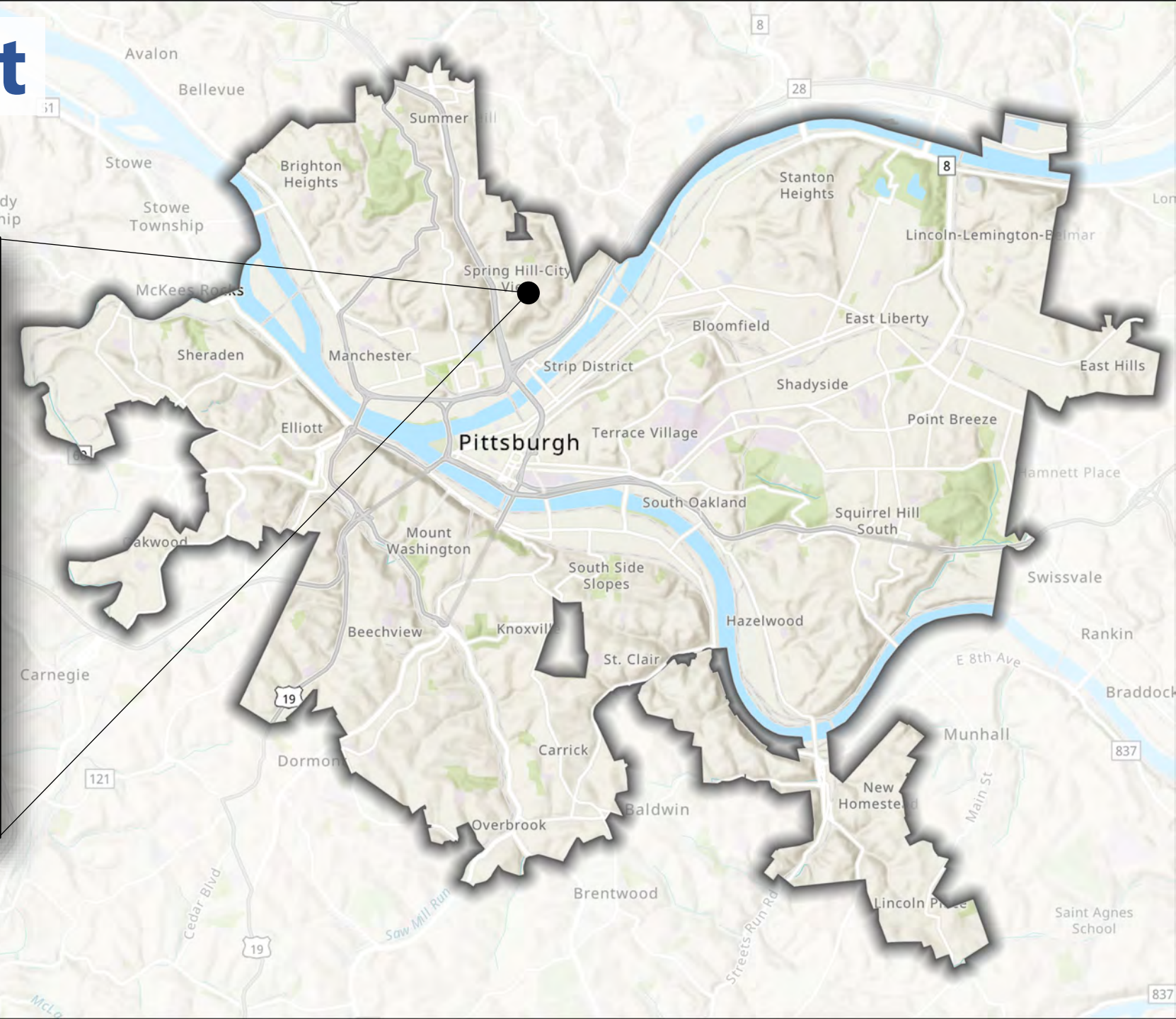
Sidewalk Project

Homer & Buente Street



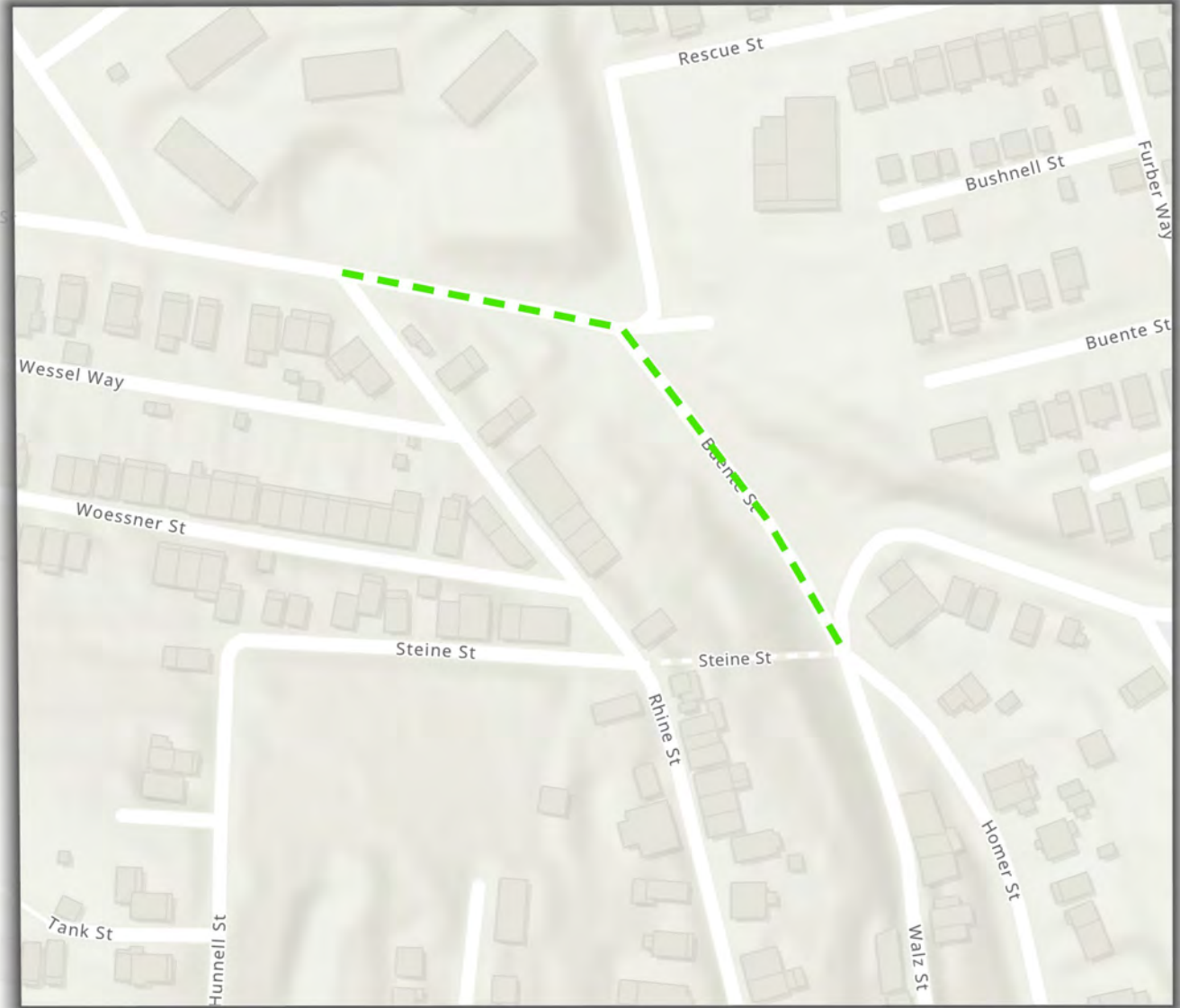
Neighborhood: Spring Hill-City

Council District: 1



Homer & Buente Street

Length: Approx. 850 ft

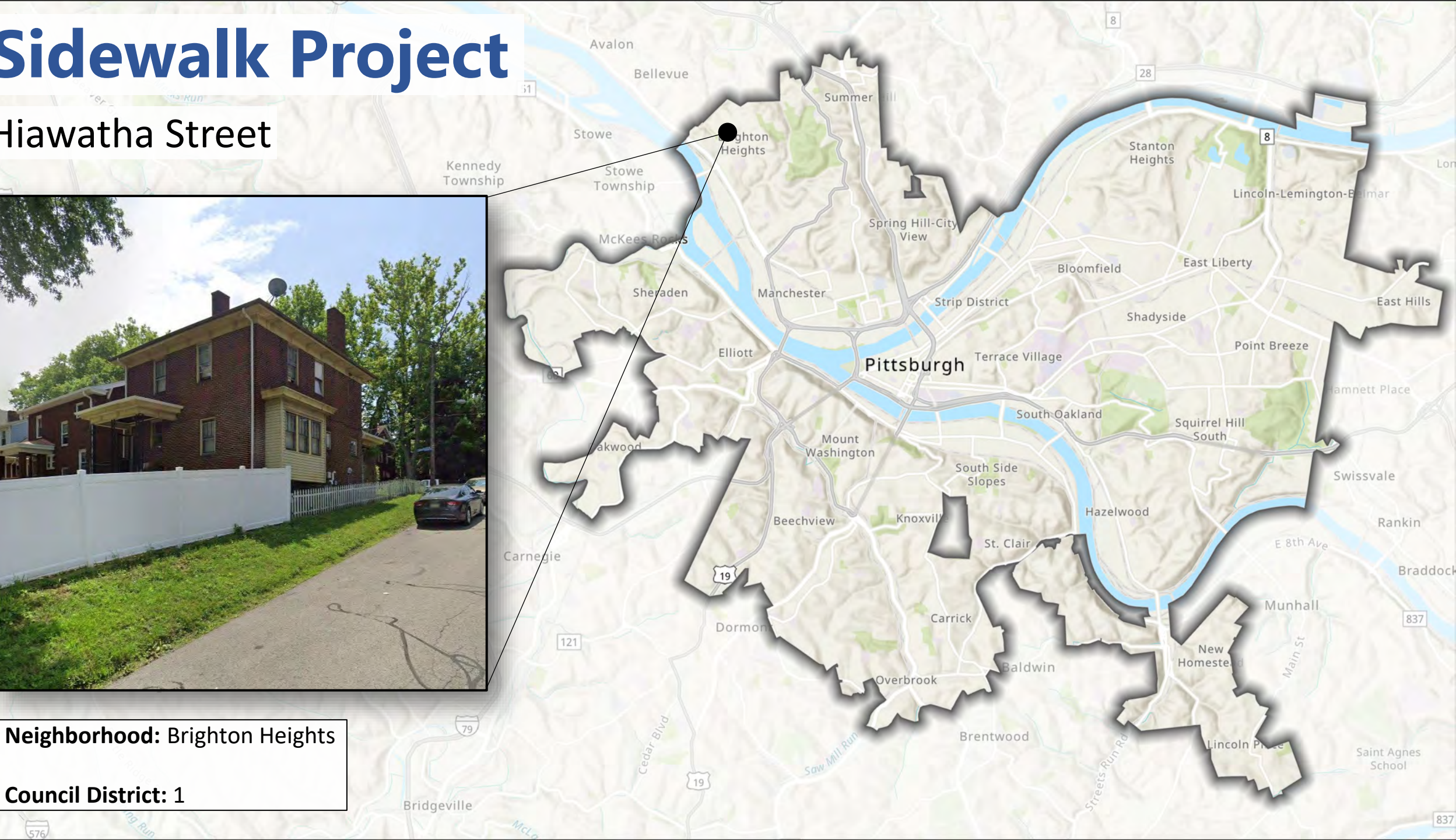


Sidewalk Project

Hiawatha Street



Neighborhood: Brighton Heights
Council District: 1



Sidewalk Project

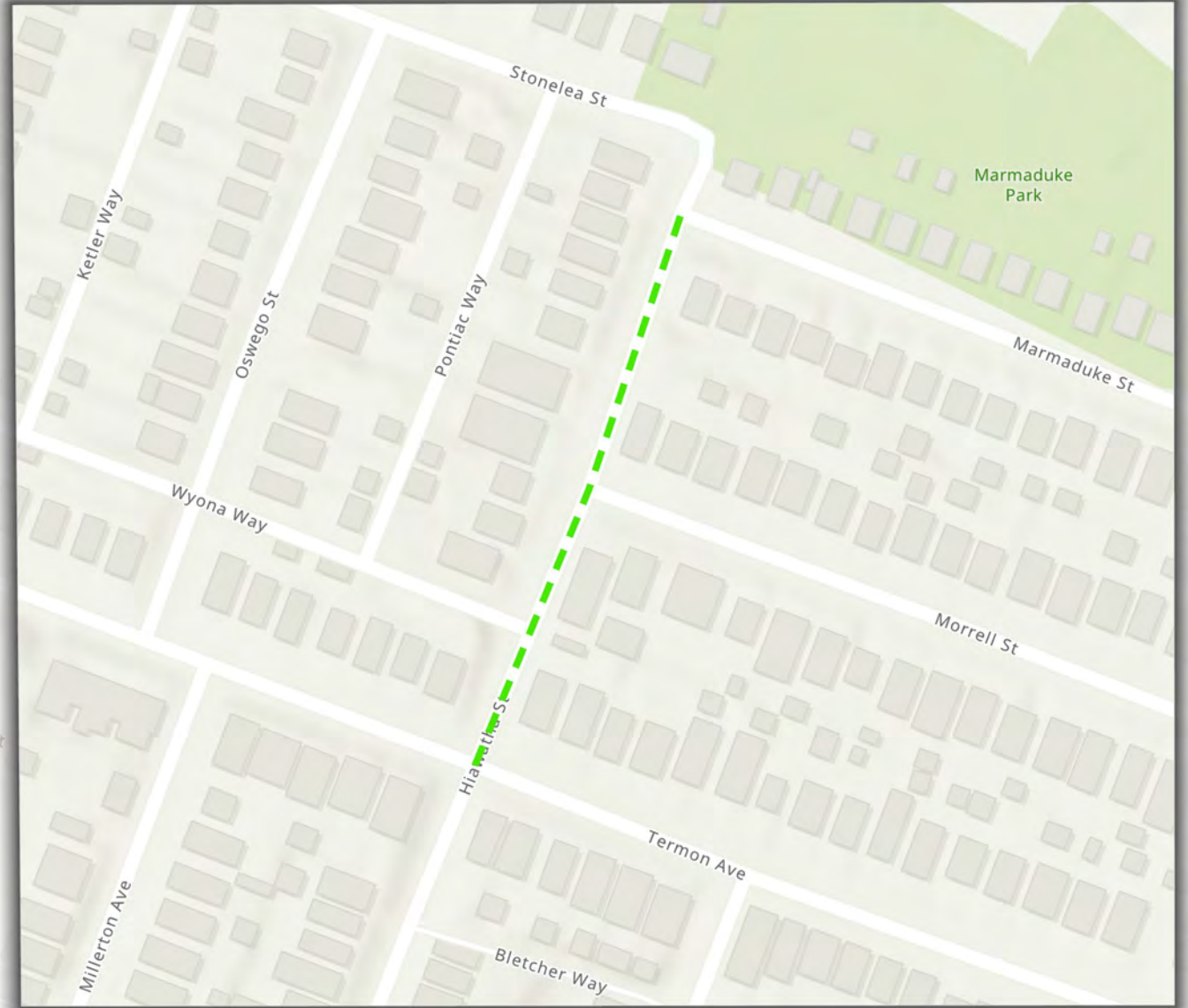
Hiawatha Street

J40 Community: No

High Injury Network: No

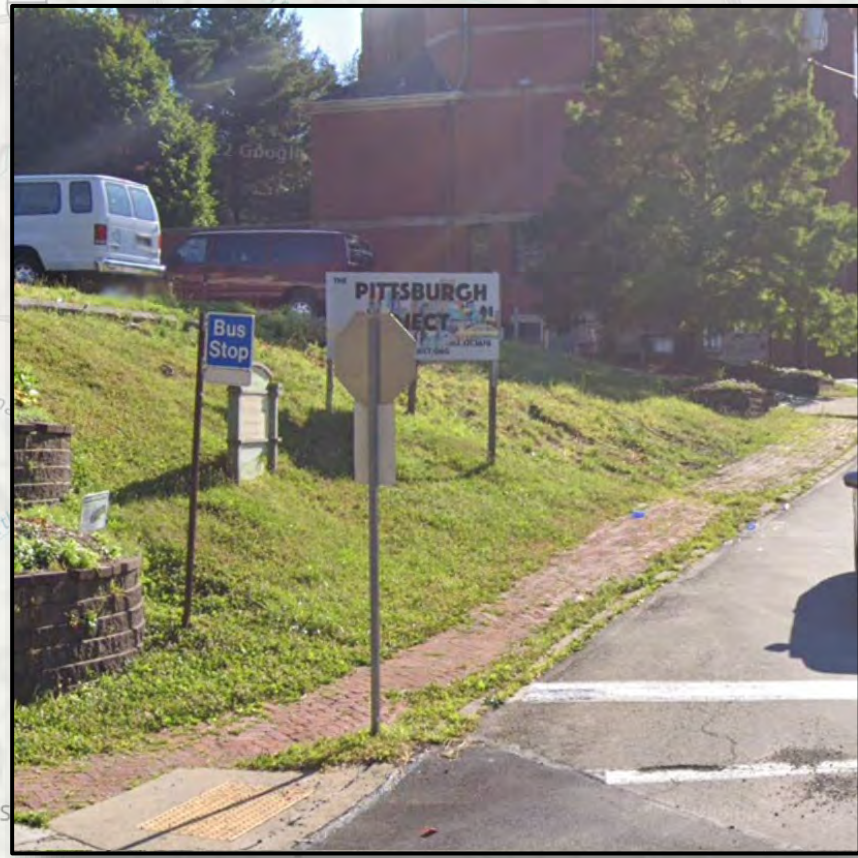
Extents: From Termon Ave to Marmaduke St.

Length: Approx. 700 ft

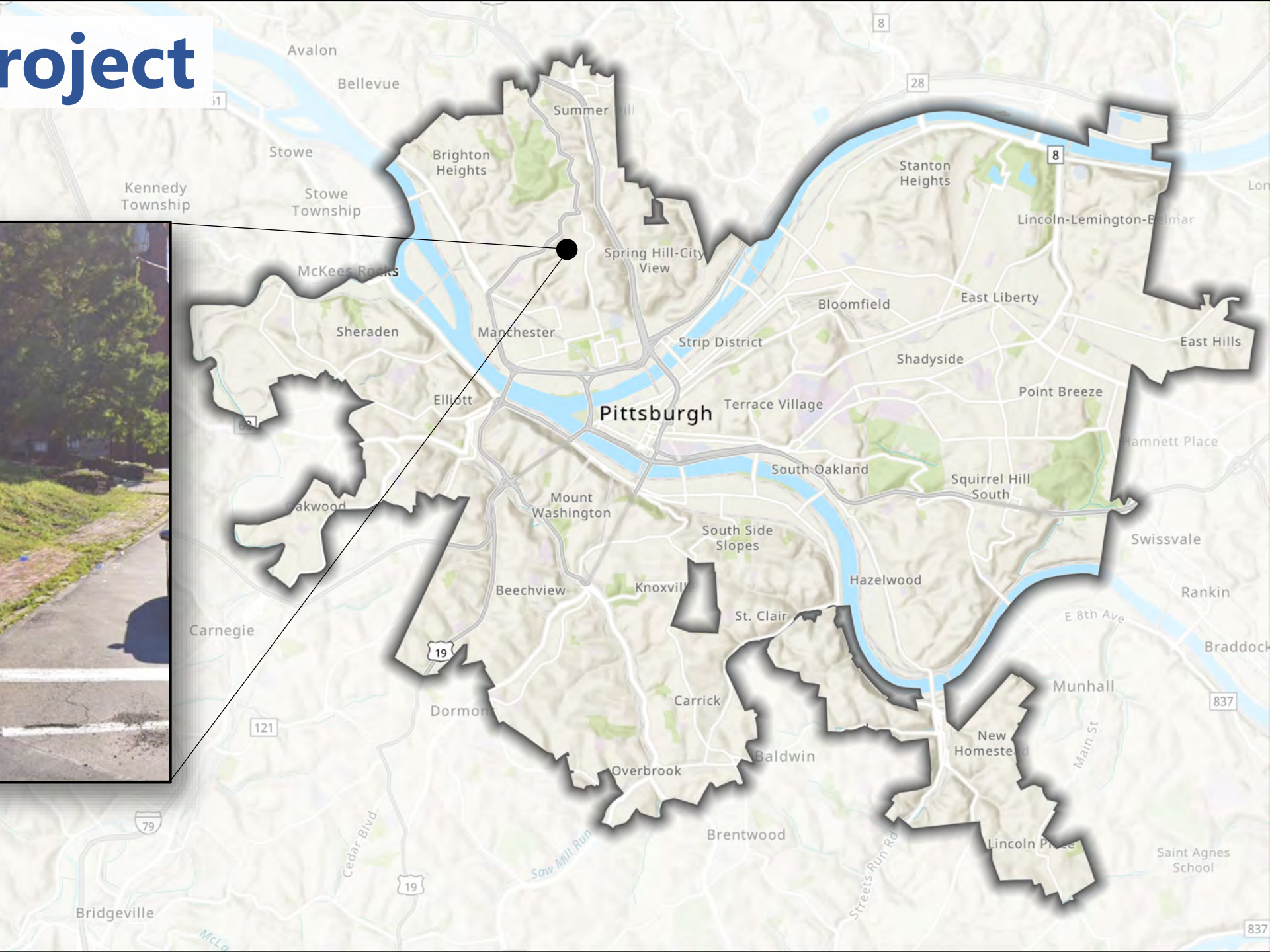


Sidewalk Project

N. Charles Street



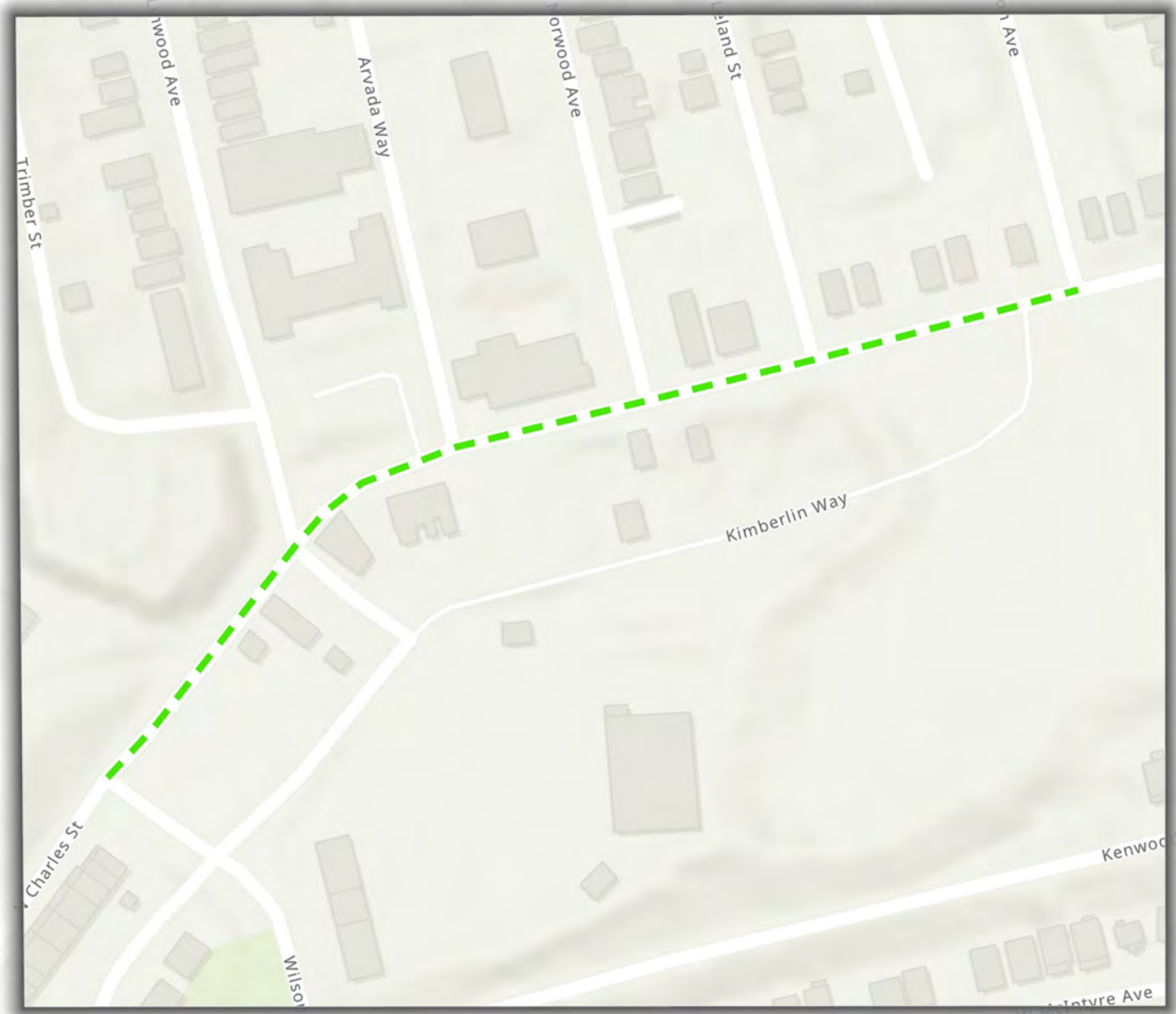
Neighborhood: Perry South
Council District: 6



Sidewalk Project

N. Charles Street

- J40 Community:** Yes
- High Injury Network:** No
- Extents:** From Wilson Ave to Shelton Ave.
- Length:** Approx. 1400 ft



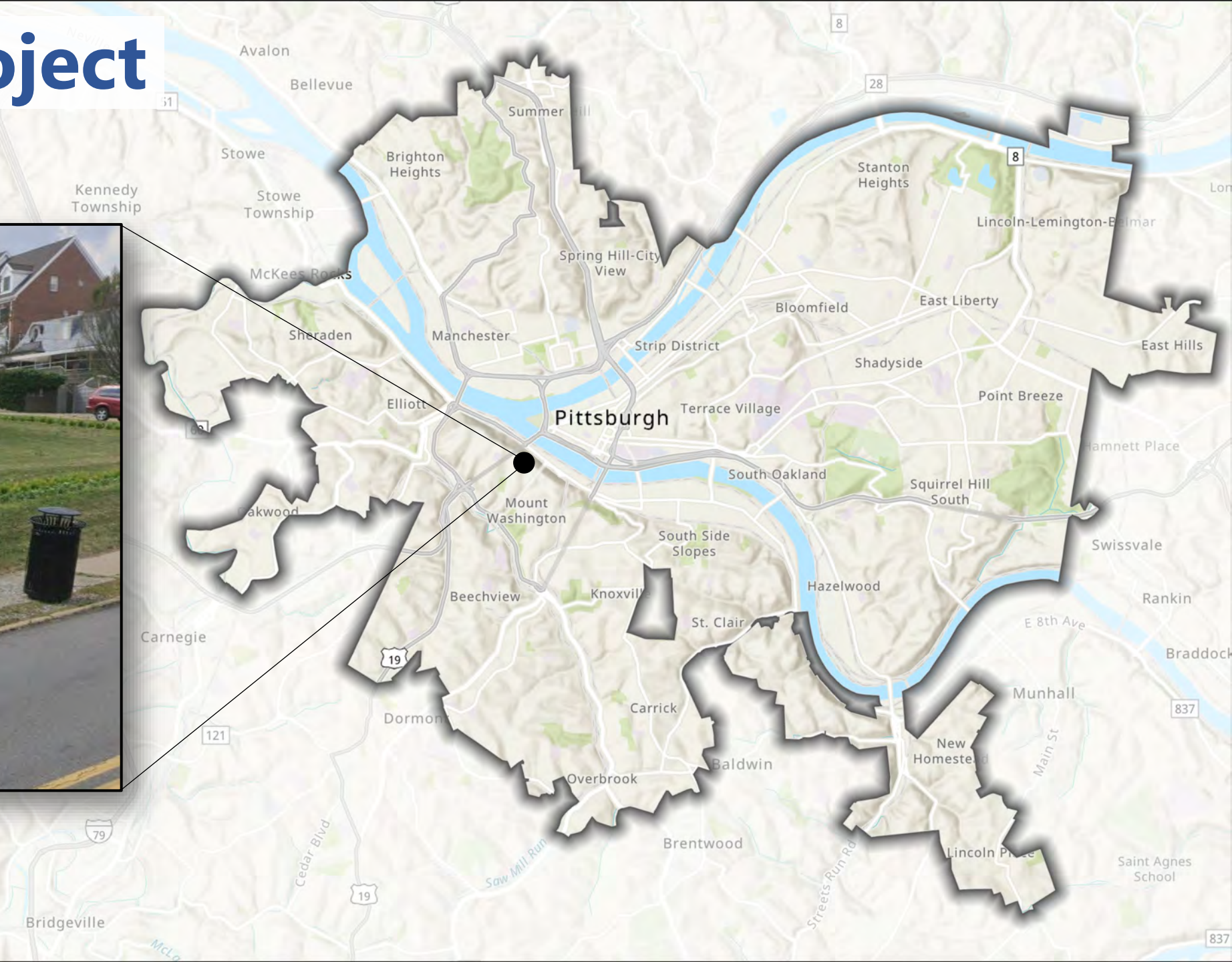
Sidewalk Project

Merrimac Street



Neighborhood: Mount Washington

Council District: 2



Sidewalk Project

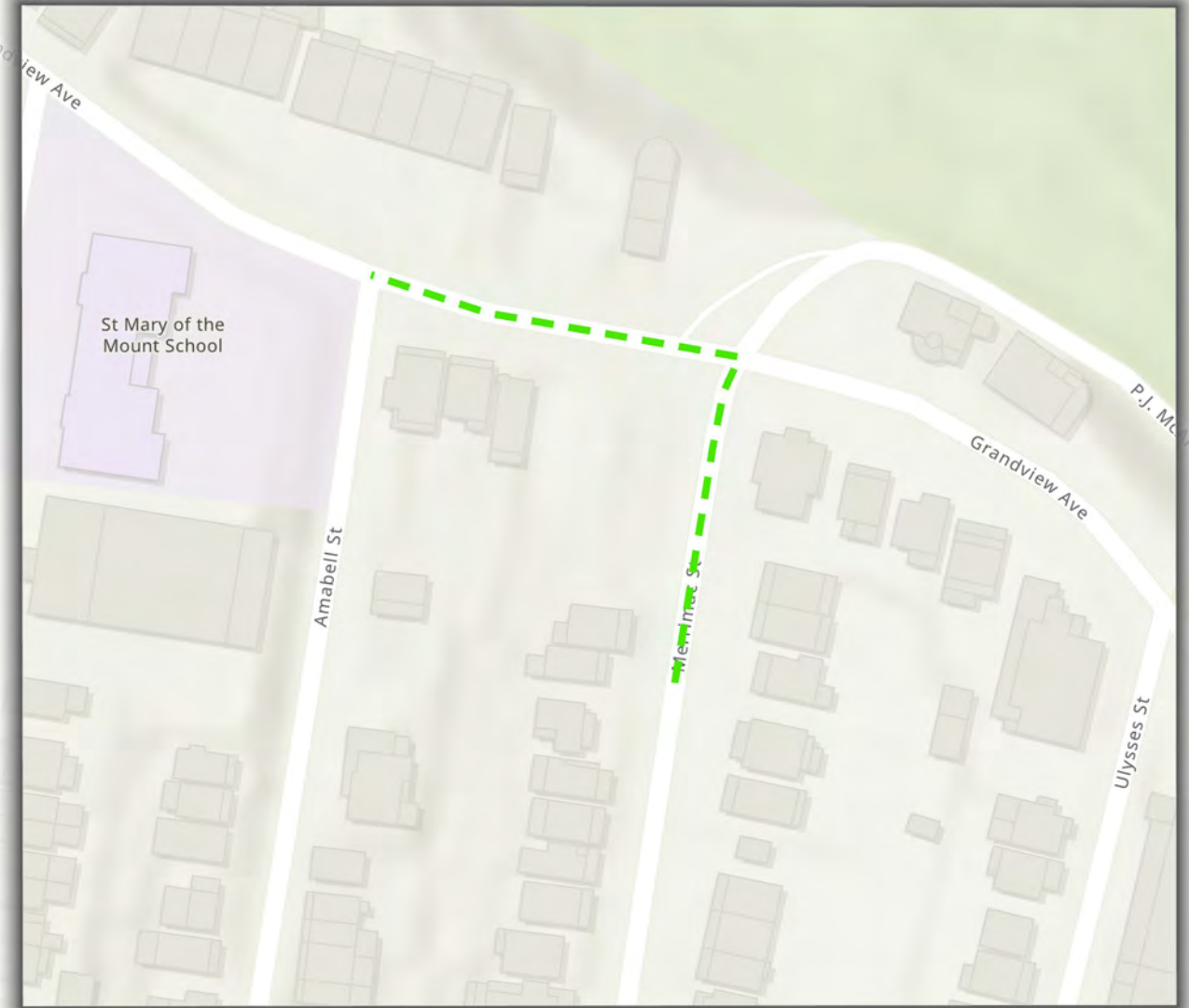
Merrimac Street

J40 Community: No

High Injury Network: No

Extents: Grandview Ave from Merrimac St to Amabell St.

Length: Approx. 600 ft

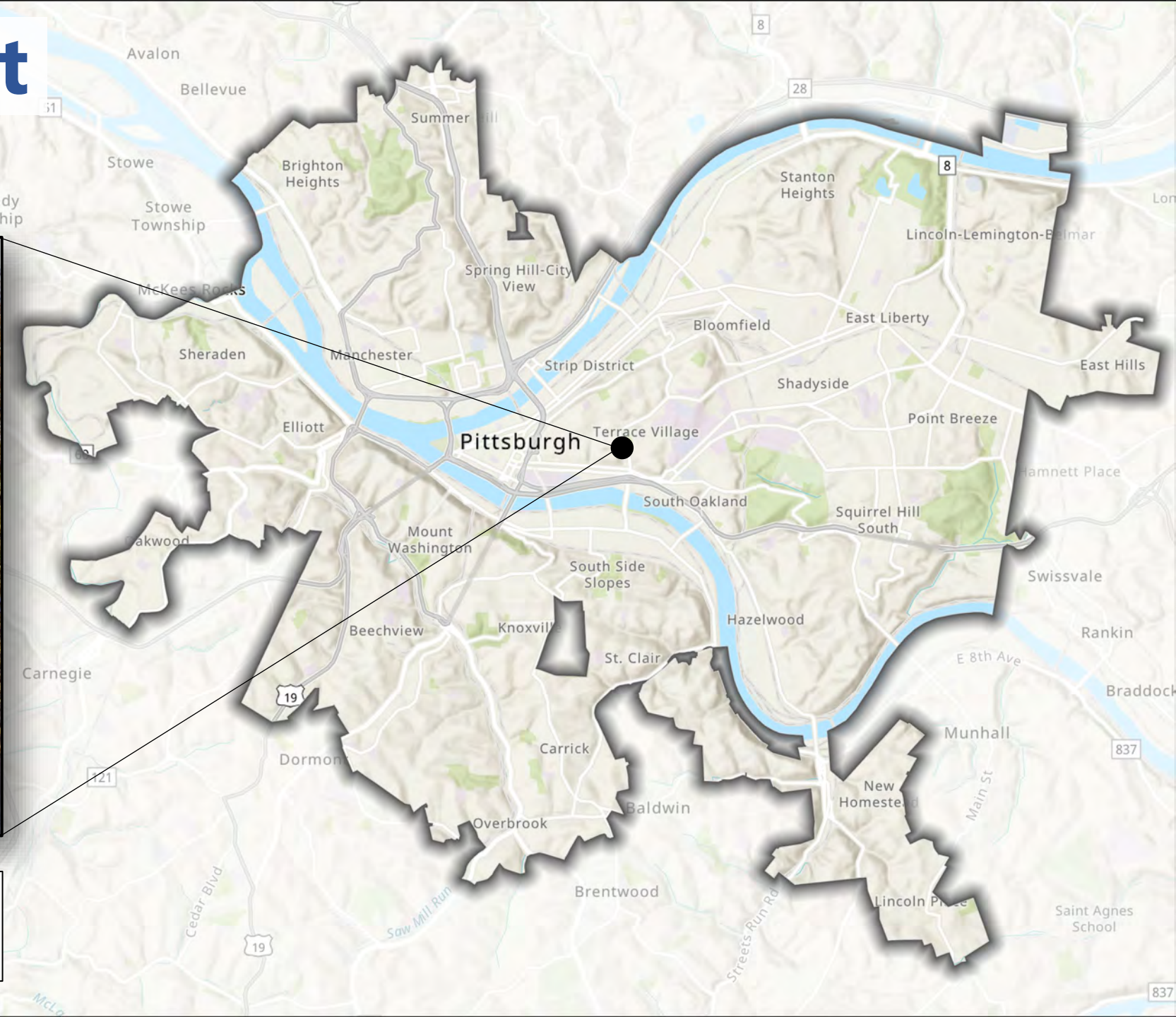


Sidewalk Project

Bentley Drive



Neighborhood: Terrace Village / West Oakland
Council District: 6



Sidewalk Project

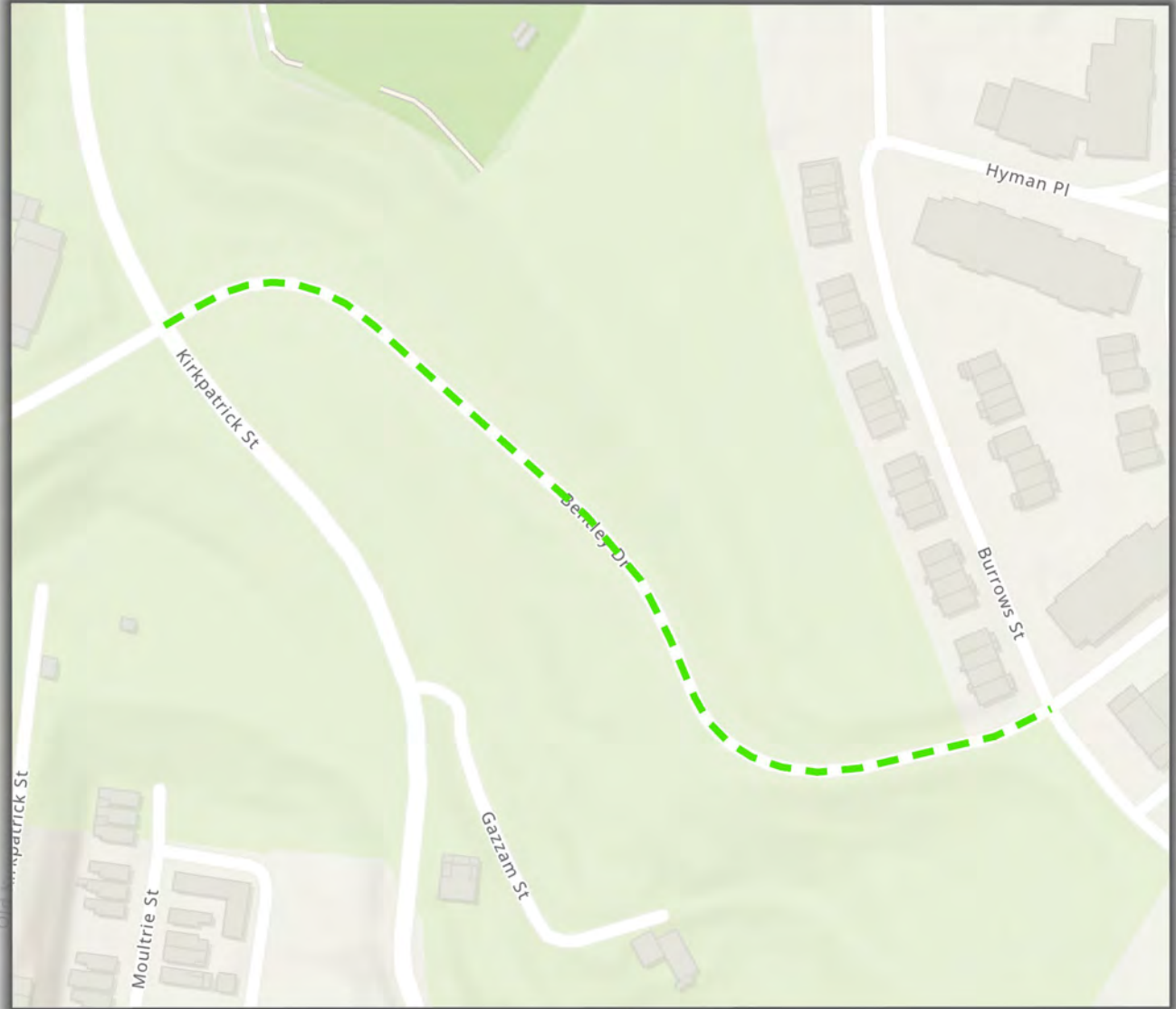
Bentley Drive

J40 Community: Yes

High Injury Network: No

Extents: From Kirkpatrick St to Burrows St.

Length: Approx. 1900 ft



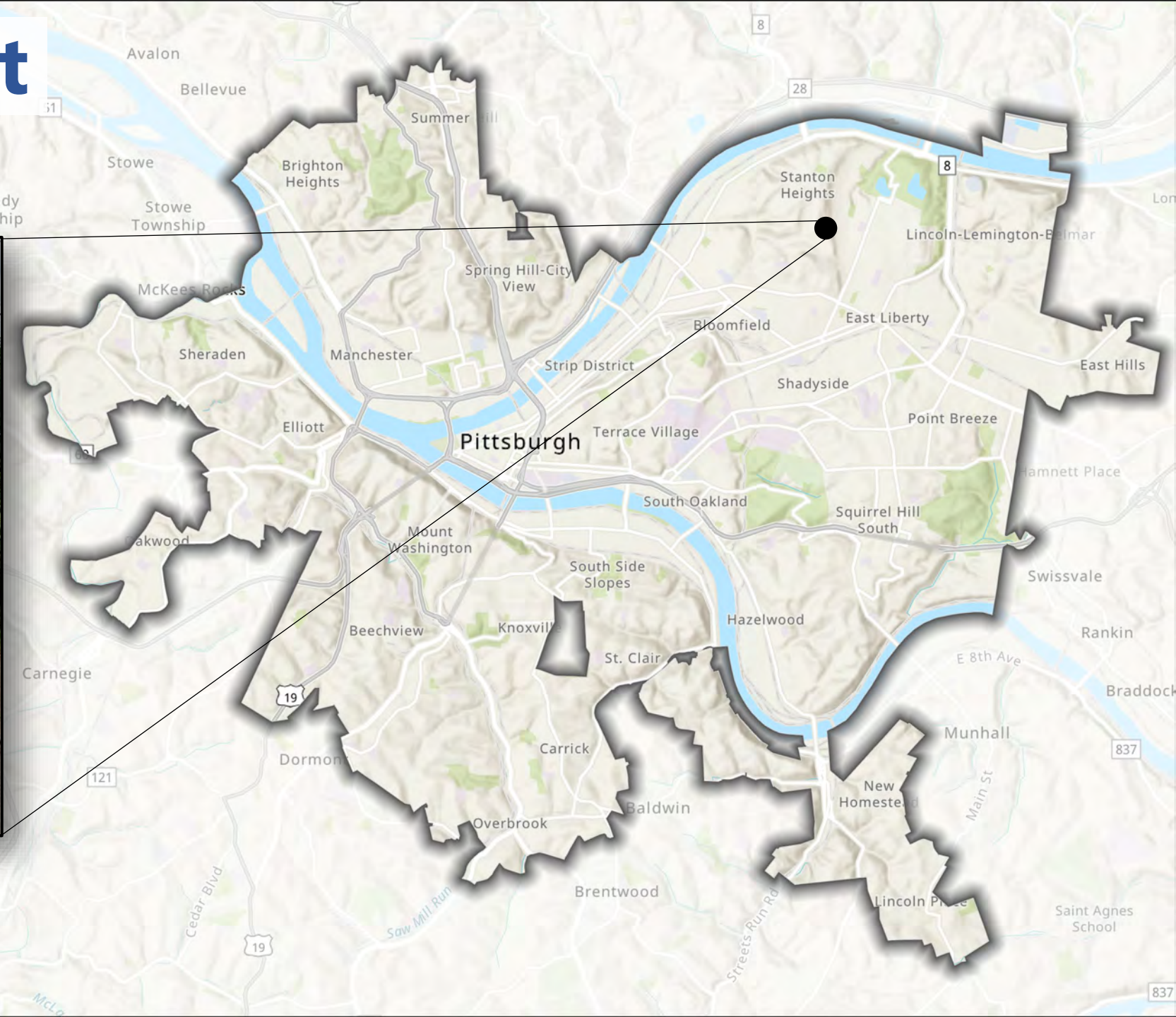
Sidewalk Project

Schenley Manor BLVD



Neighborhood: Stanton Heights

Council District: 9



Sidewalk Project

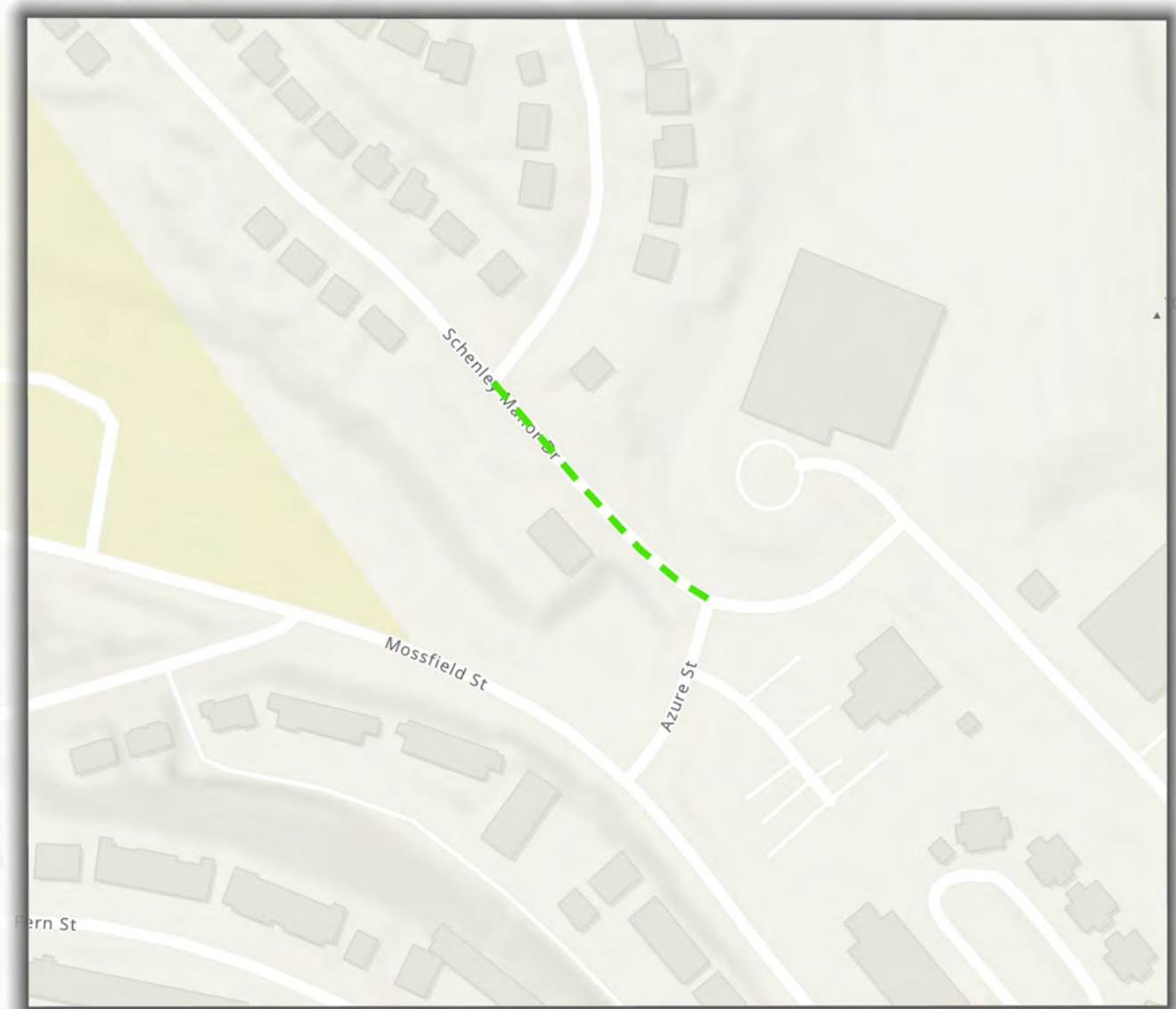
Schenley Manor BLVD

J40 Community: No

High Injury Network: No

Extents: From Rosecrest Dr to Azure St.

Length: Approx. 450 ft

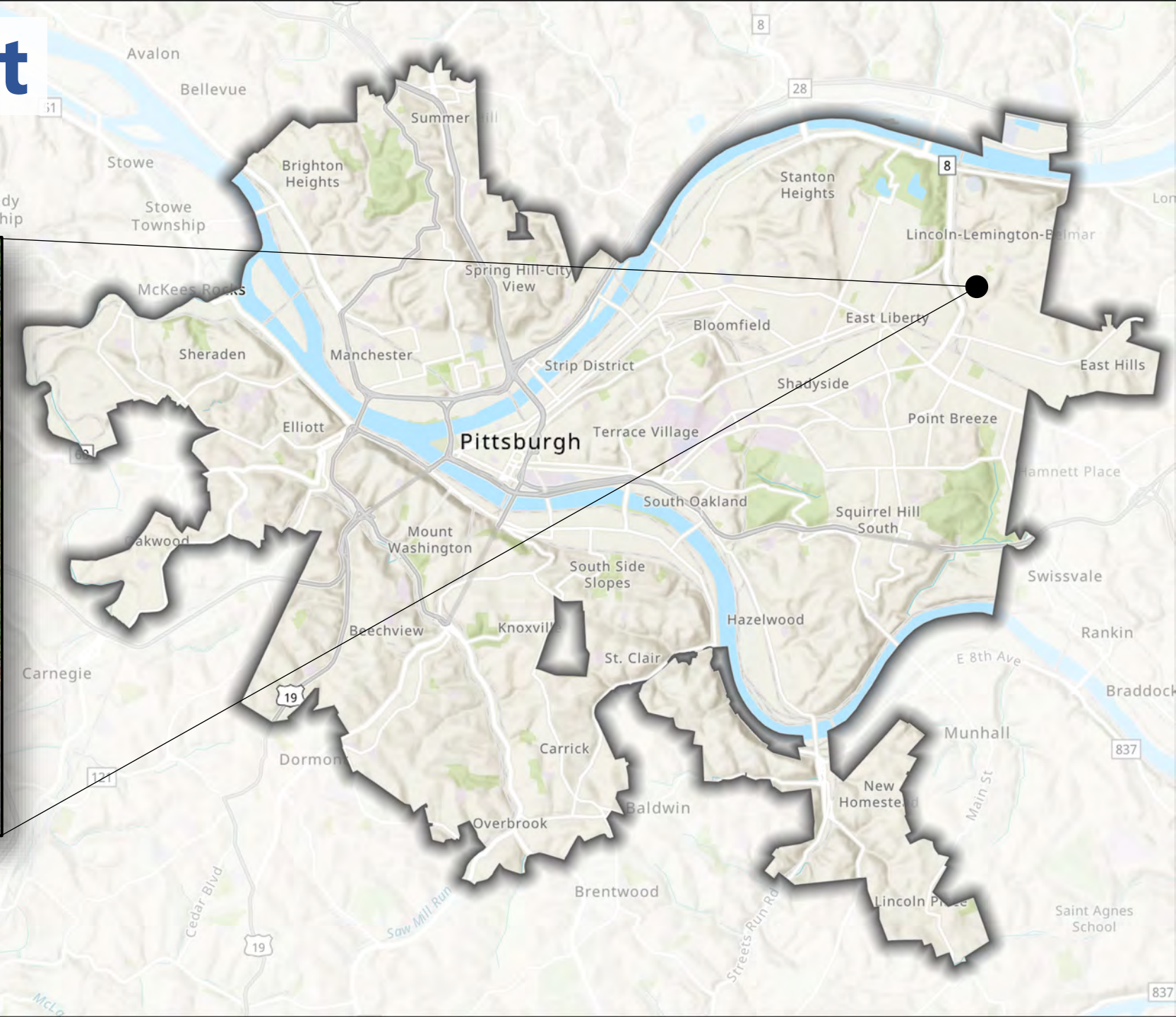


Sidewalk Project

Apple Street



Neighborhood: Lincoln – Lemington - Belmar
Council District: 9



Sidewalk Project

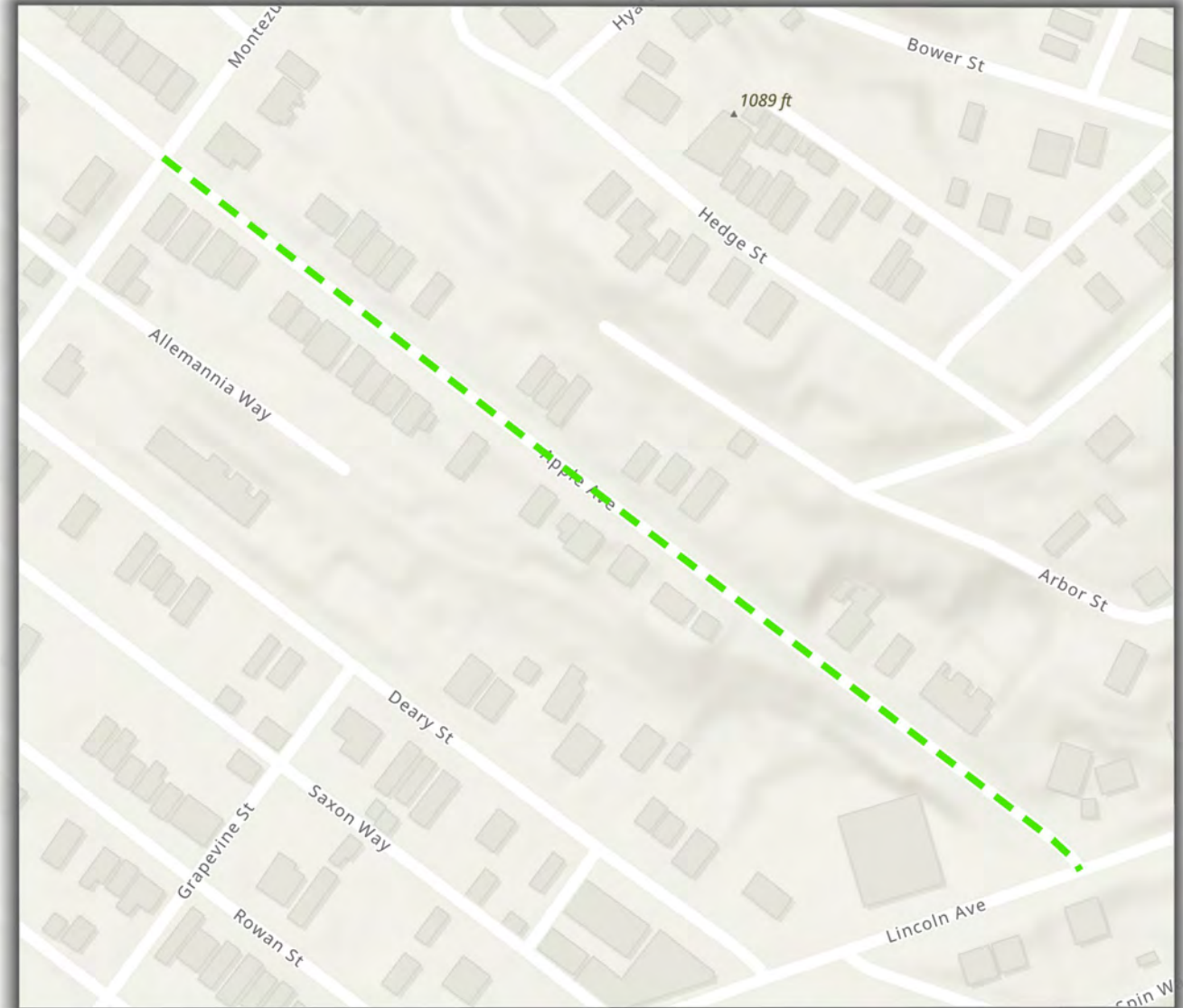
Apple Street

J40 Community: Yes

High Injury Network: No

Extents: From Montezuma St to Lincoln Ave

Length: Approx. 1600 ft



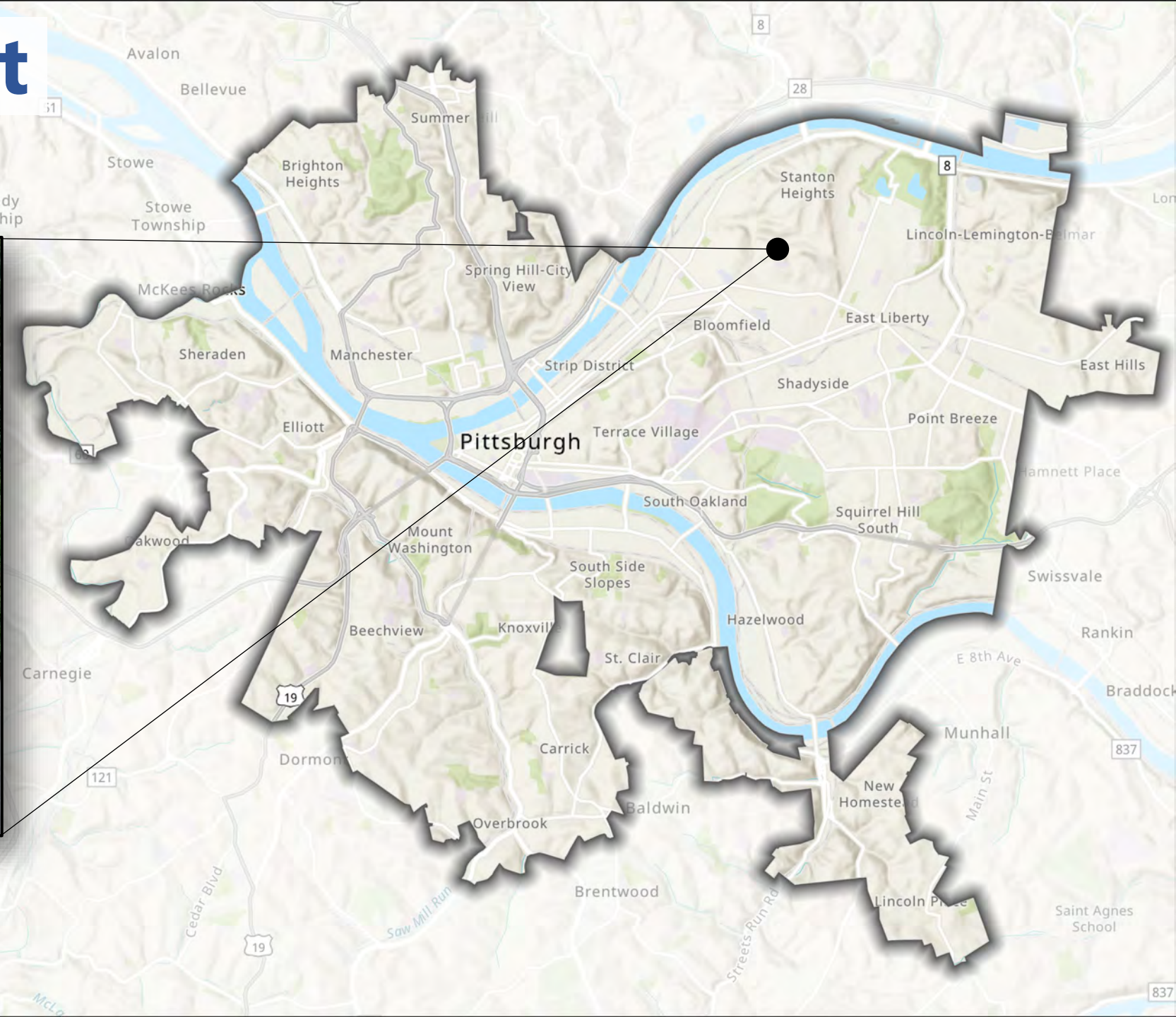
Sidewalk Project

N. Mathilda Street



Neighborhood: Garfield

Council District: 9



Sidewalk Project

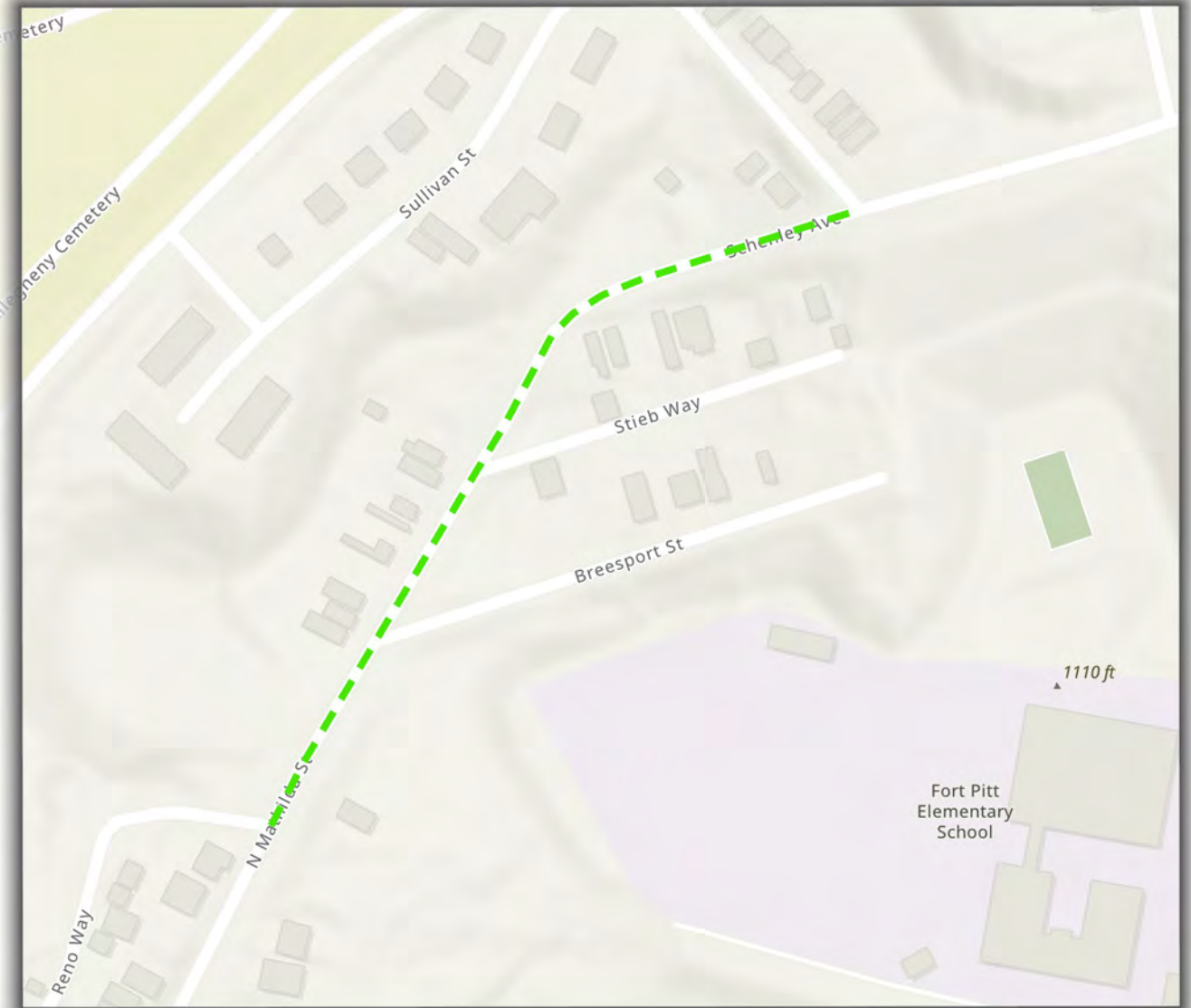
N. Mathilda Street

J40 Community: Yes

High Injury Network: No

Extents: From Reno Way to Columbo St.

Length: Approx. 1200 ft





Traffic Calming & Safety

The primary goals of the program are to increase safety and comfort of travel by all modes and promote pedestrian, bicycle, and transit use.

These goals reference and strengthen the [City's Mobility Principles](#).

Typical physical safety improvements:

- Speed humps and tables
- Raised crosswalks
- Pedestrian refuge islands
- Traffic circles
- Chicanes
- Changes to lane widths



Shaler Street

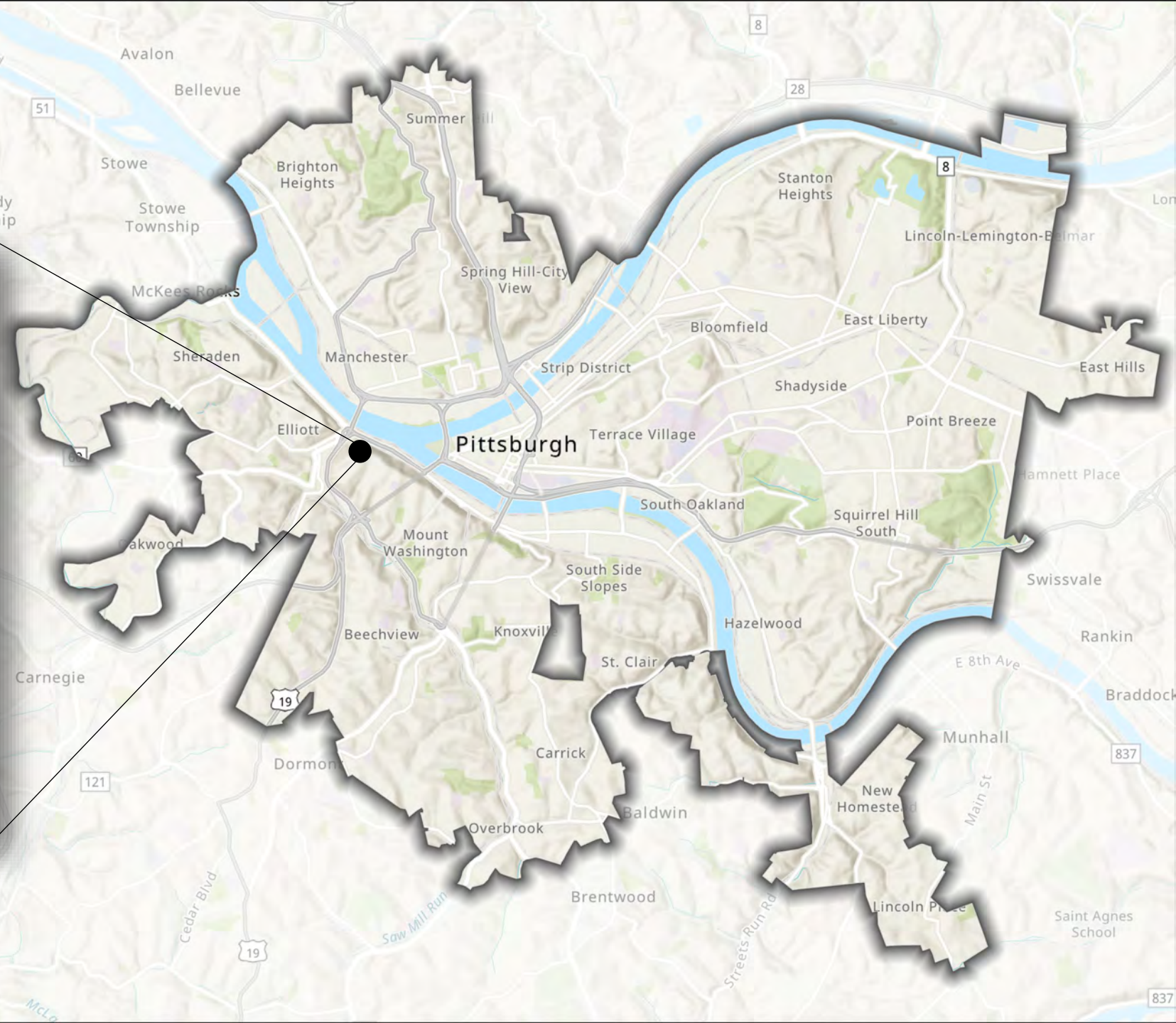
Traffic Calming

Shaler Street - Constructed



Neighborhood: Duquesne Heights

Council District: 2



Traffic Calming

Shaler Street - Constructed

J40 Community: No

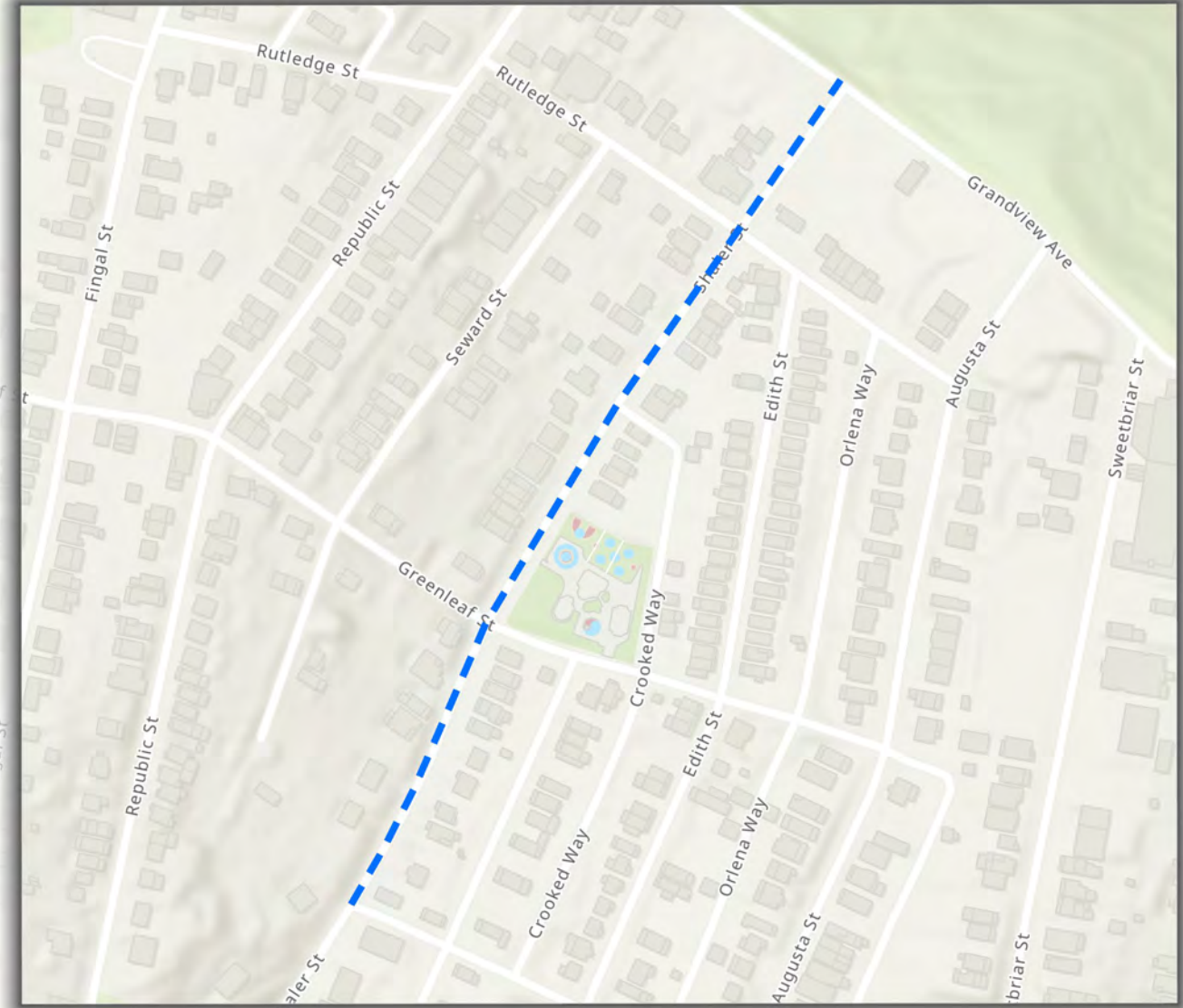
High Injury Network: No

Extents: Grandview Ave to Well St.

Length: Approx. 1900 ft

Project Description:

- Three (3) speed tables
- Pedestrian upgrades



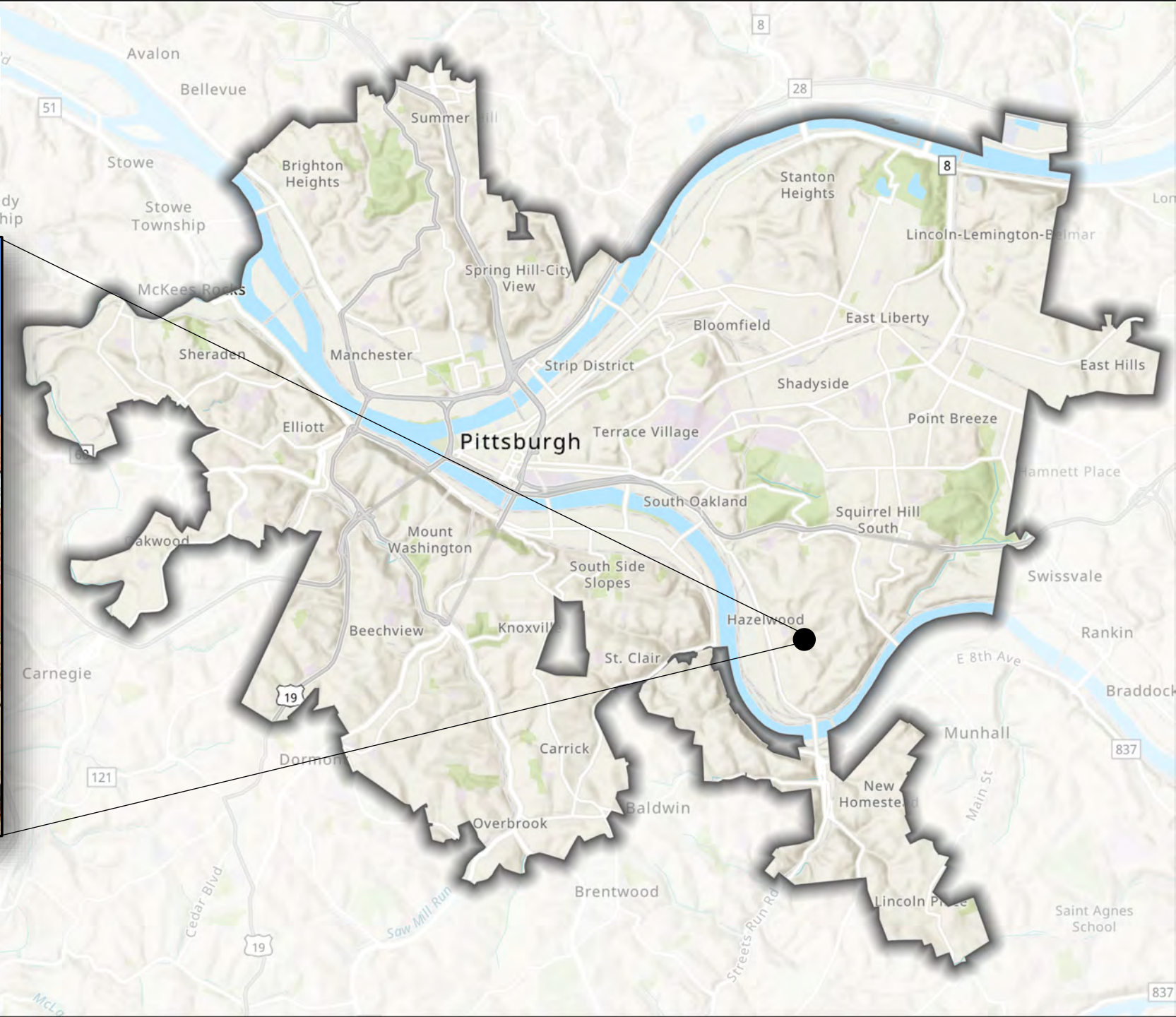
Traffic Calming

Hazelwood Avenue



Neighborhood: Hazelwood

Council District: 5



Traffic Calming

Hazelwood Avenue

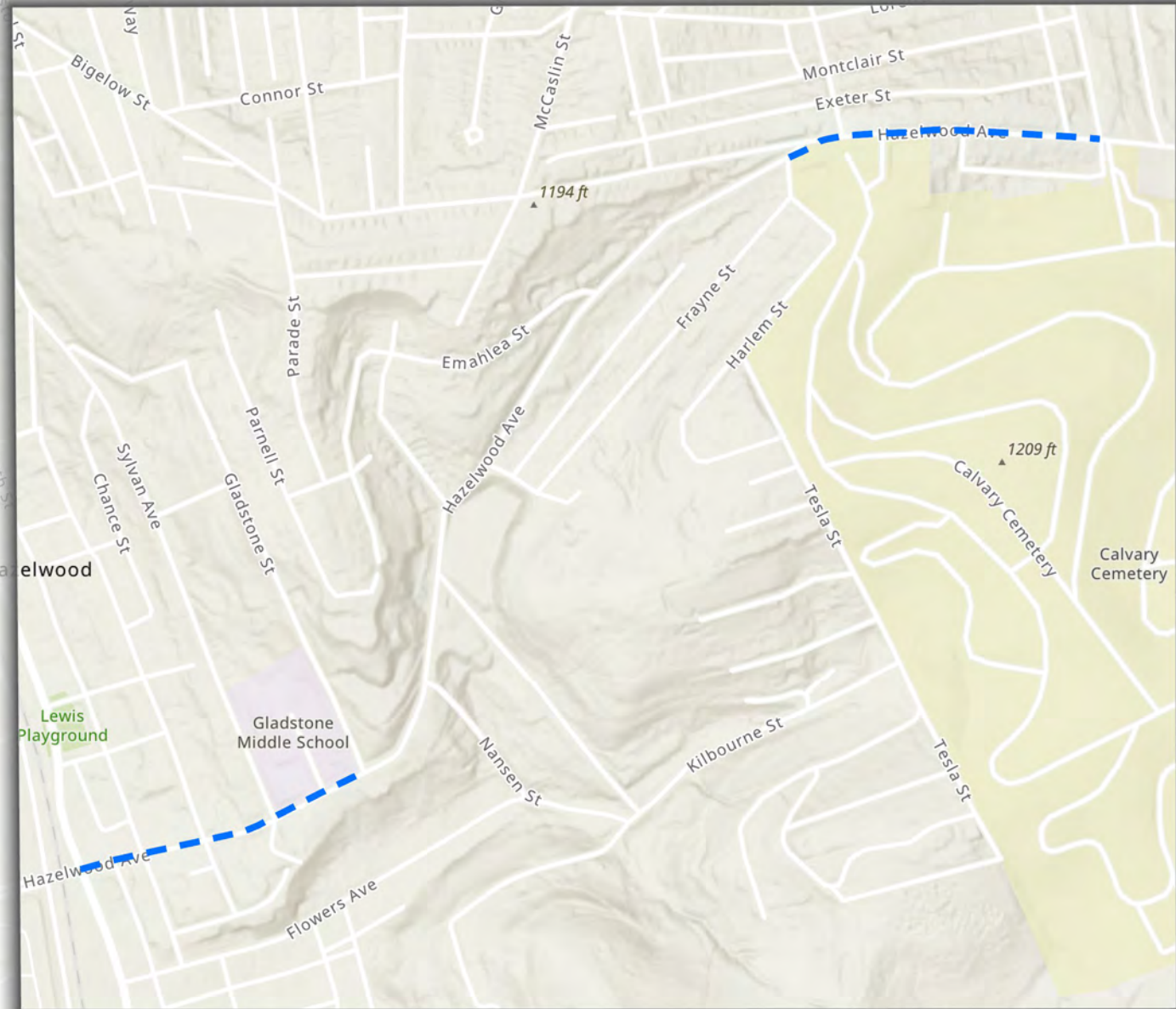
J40 Community: Yes

High Injury Network: No

Extents: 2nd Ave to Gladstone & Frayne St to Greenfield Ave.

Length: Approx. 3400 ft

Project Description: Four (4) speed tables will be installed at targeted locations for spot improvements.



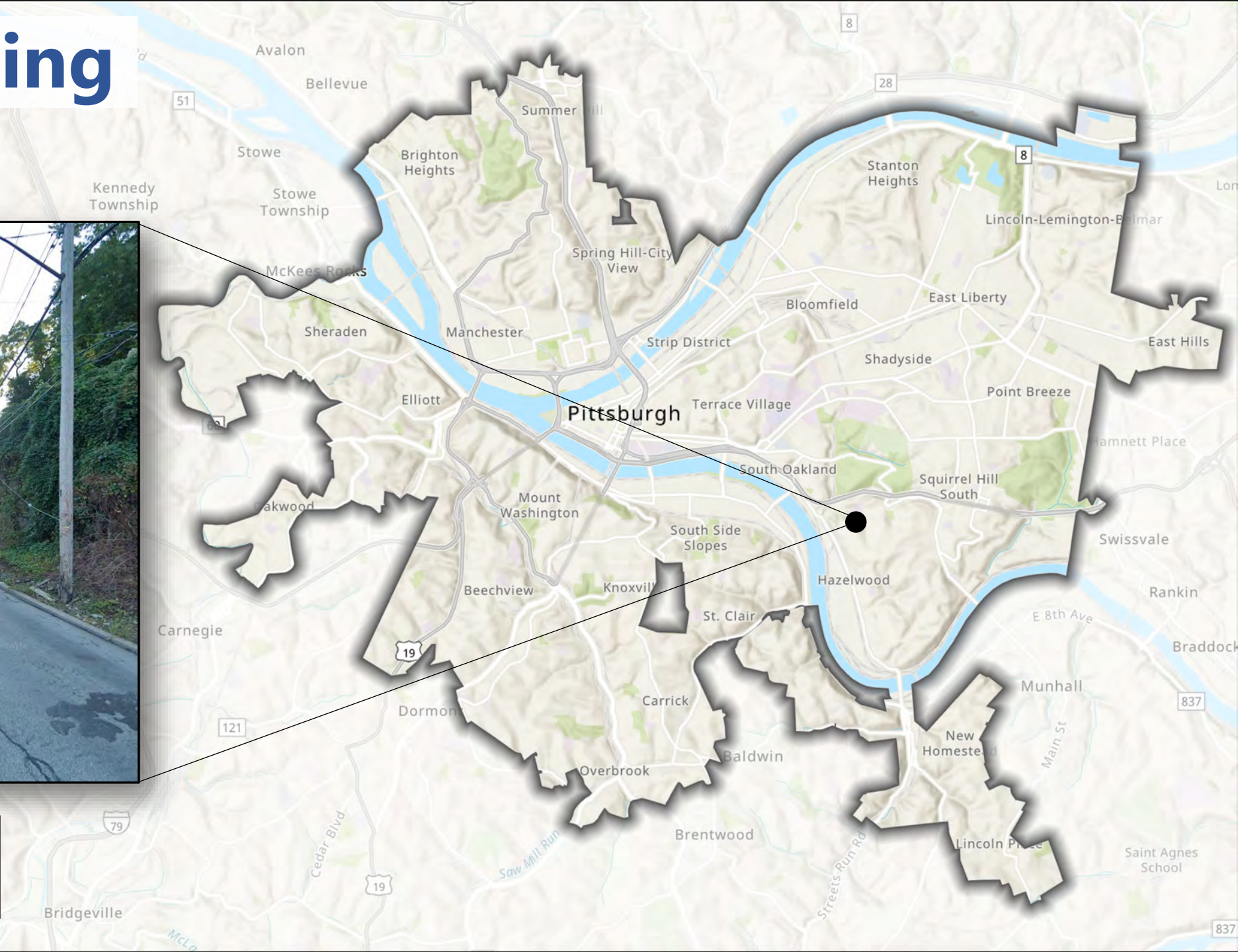
Traffic Calming

Greenfield Ave



Neighborhood: Greenfield

Council District: 5



Traffic Calming

Greenfield Ave

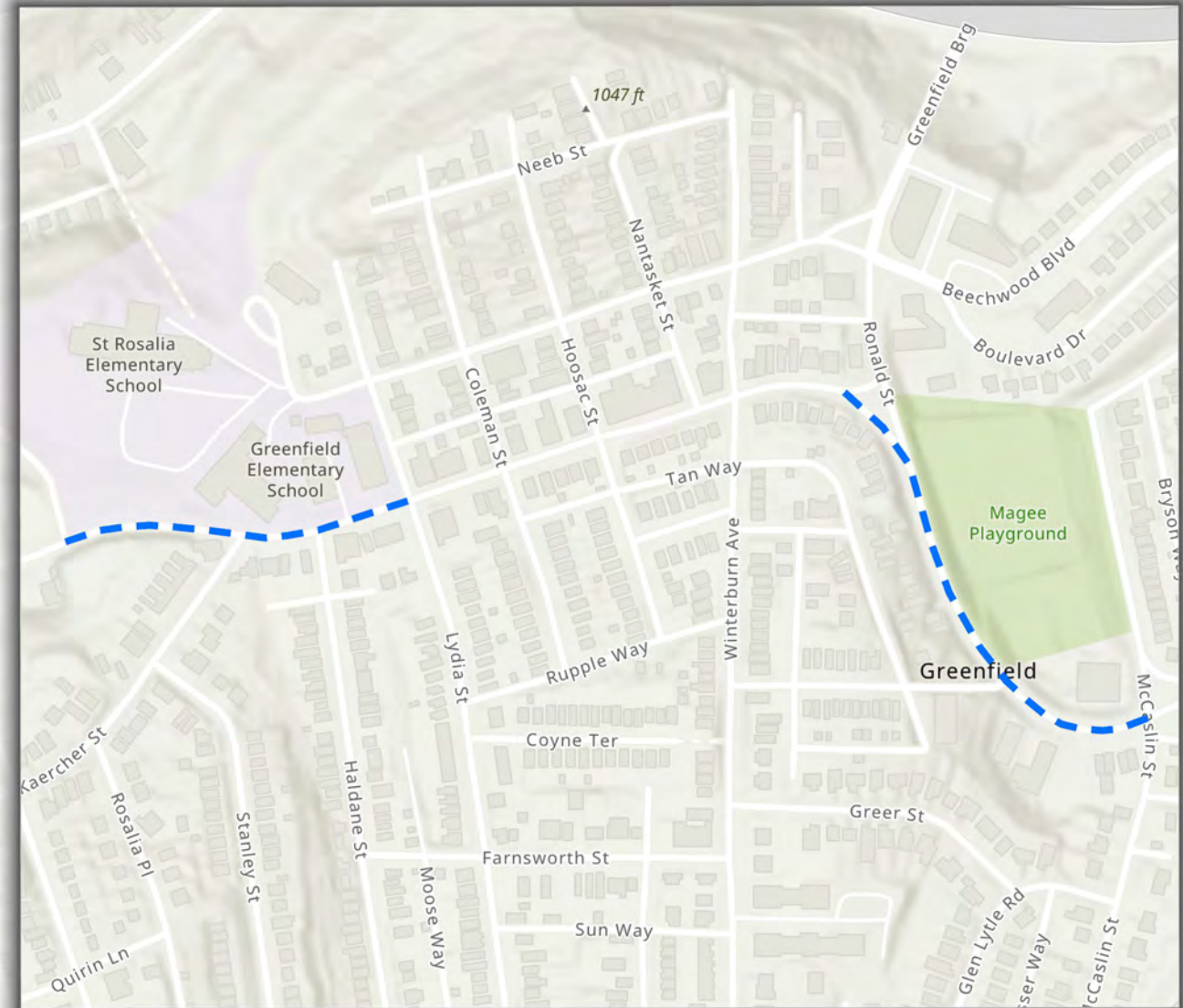
J40 Community: No

High Injury Network: Yes

Extents: Saline Street to McCaslin Street with focus on Magee Park and Greenfield Elementary.

Length: Approx. 2500 ft

Project Description: Speed tables and/or raised crosswalks will be installed at targeted locations for spot speed control improvements to enhance safety for both traffic and pedestrians. Additional safety improvements for the 300 block of Greenfield Ave are being programmed.



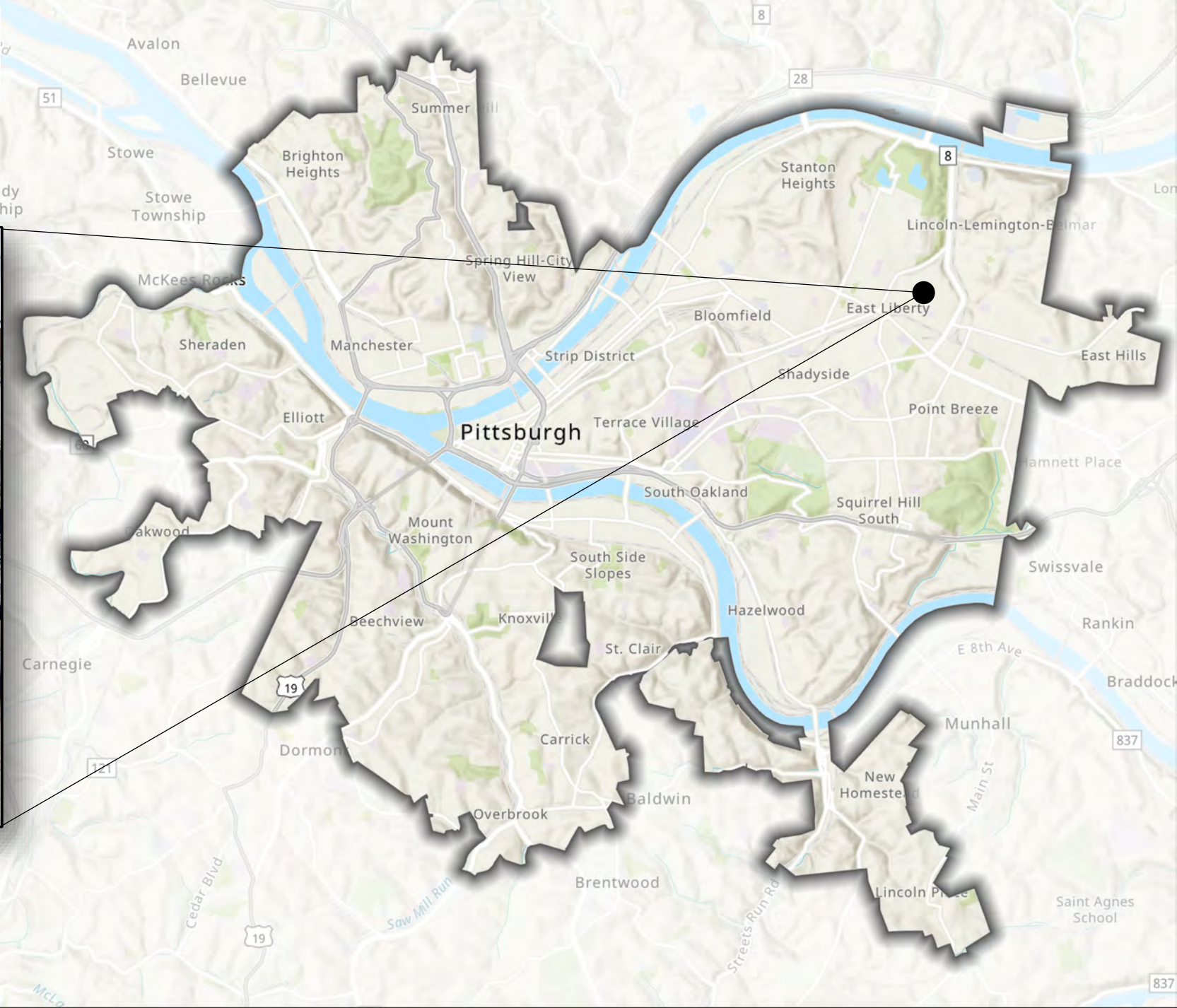
Traffic Calming

Meadow St



Neighborhood: Larimer

Council District: 9



Traffic Calming

Meadow St

J40 Community: Yes

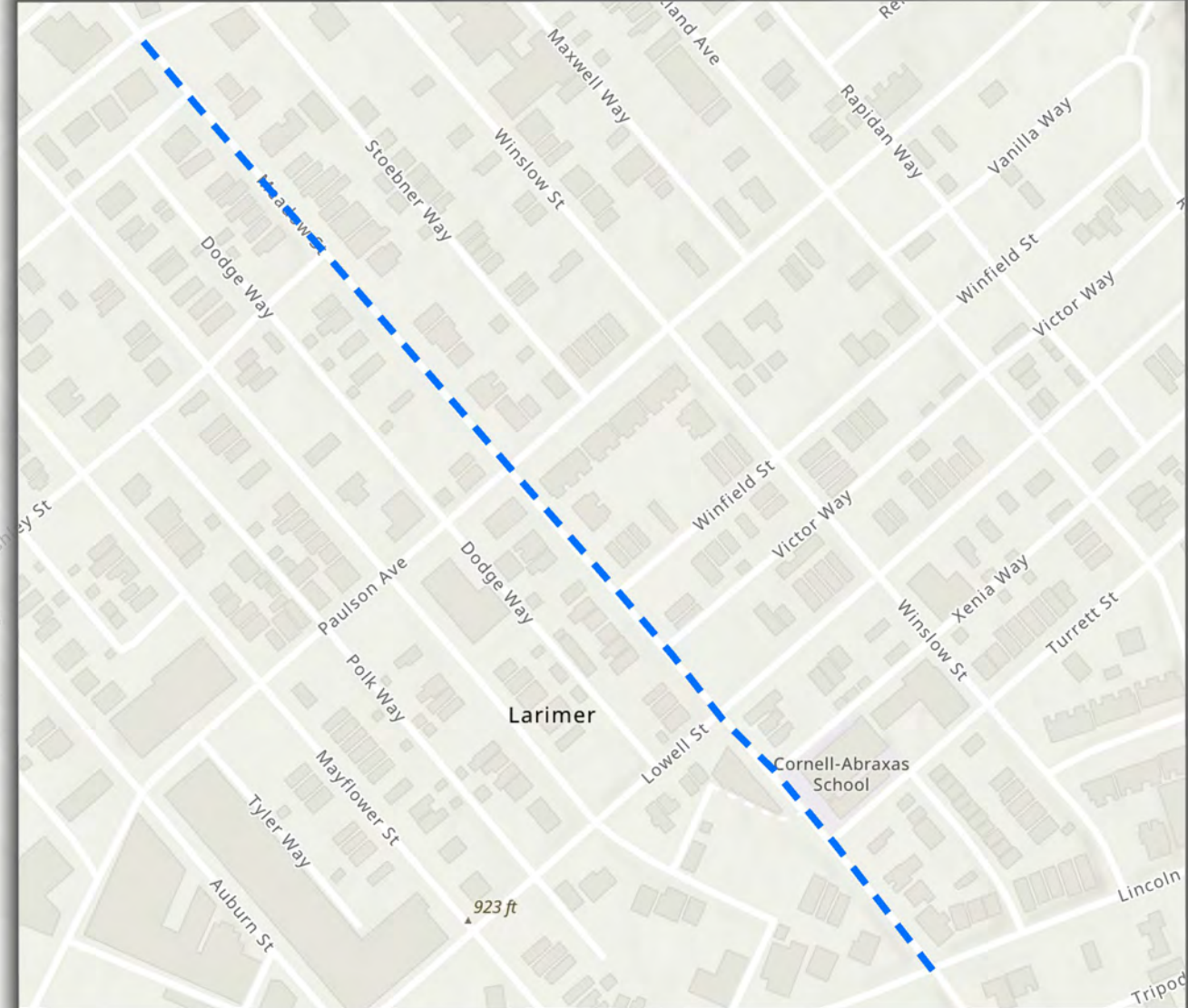
High Injury Network: No

Extents: Larimer Ave to Lincoln Ave.

Length: Approx. 2600 ft

Project Description:

- Three (3) speed tables
- Pedestrian upgrades, including a raised crosswalk at Urban Academy
- Parking line striping for parking delineation

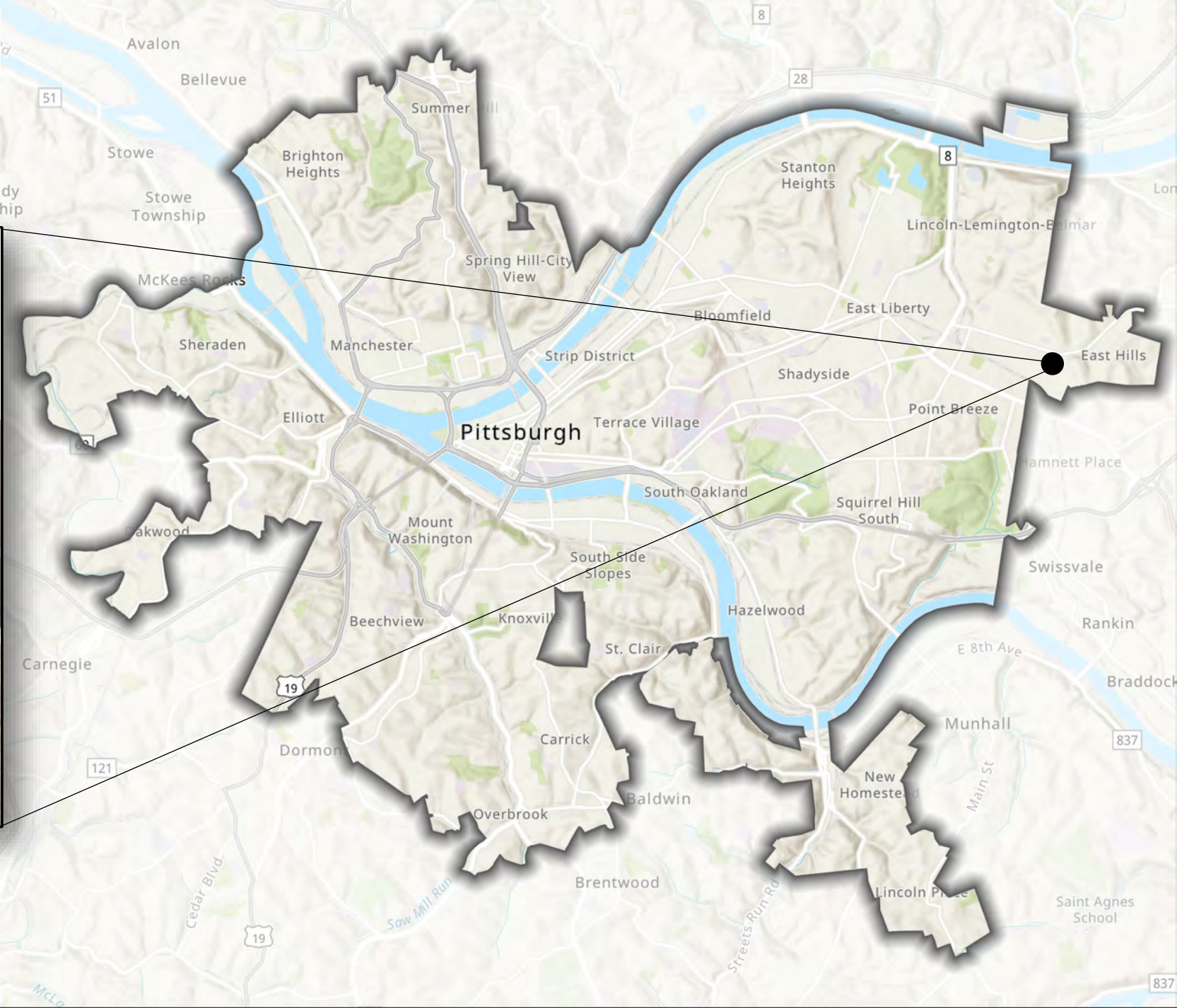


Traffic Calming

Kelly St



Neighborhood: Homewood South
Council District: 9



Traffic Calming

Kelly St

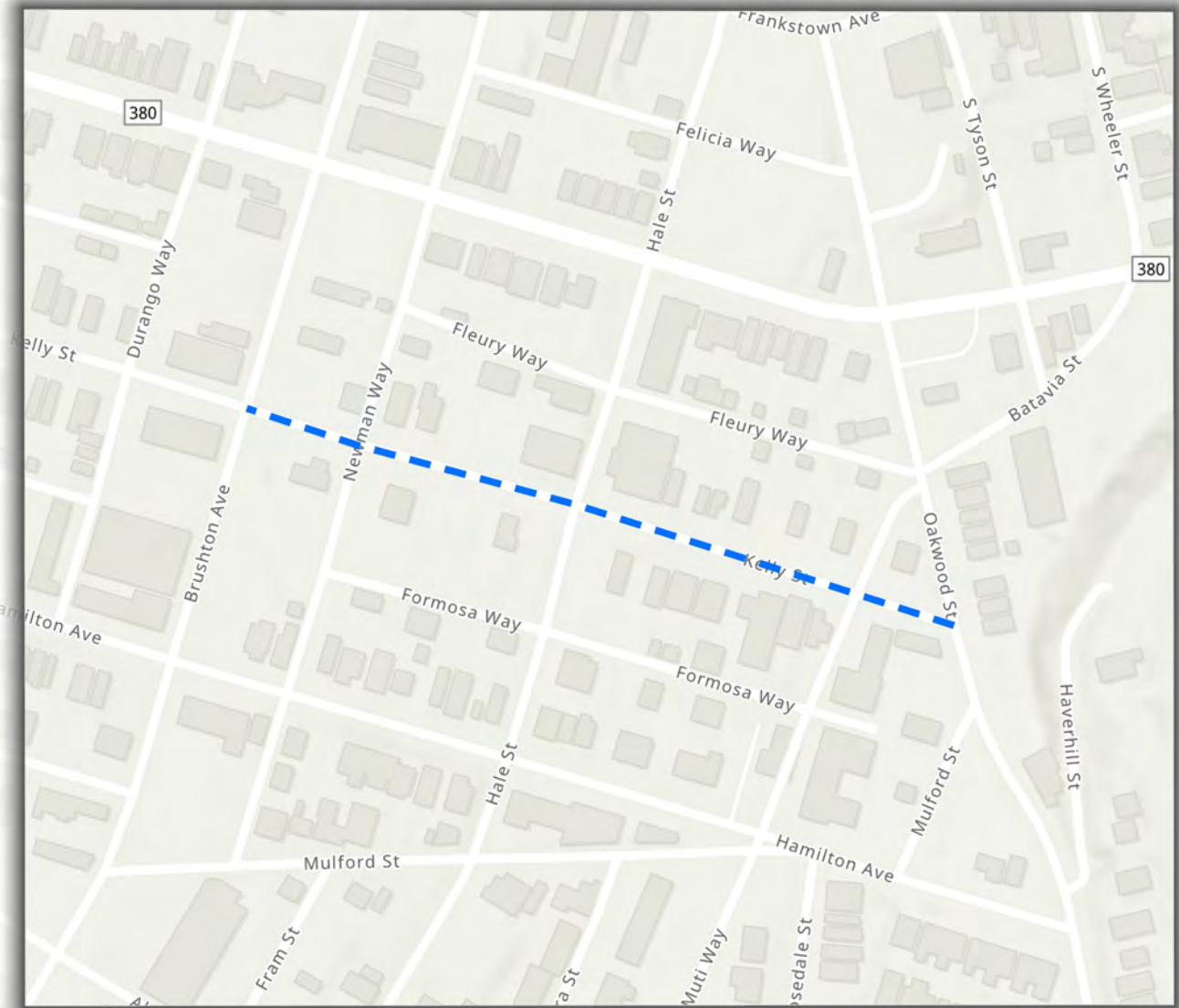
J40 Community: Yes

High Injury Network: No

Extents: Brushton Ave to Oakwood St.

Length: Approx. 1300 ft

Project Description: 2 Speed humps, hi vis piano key cross walks and stop bars.



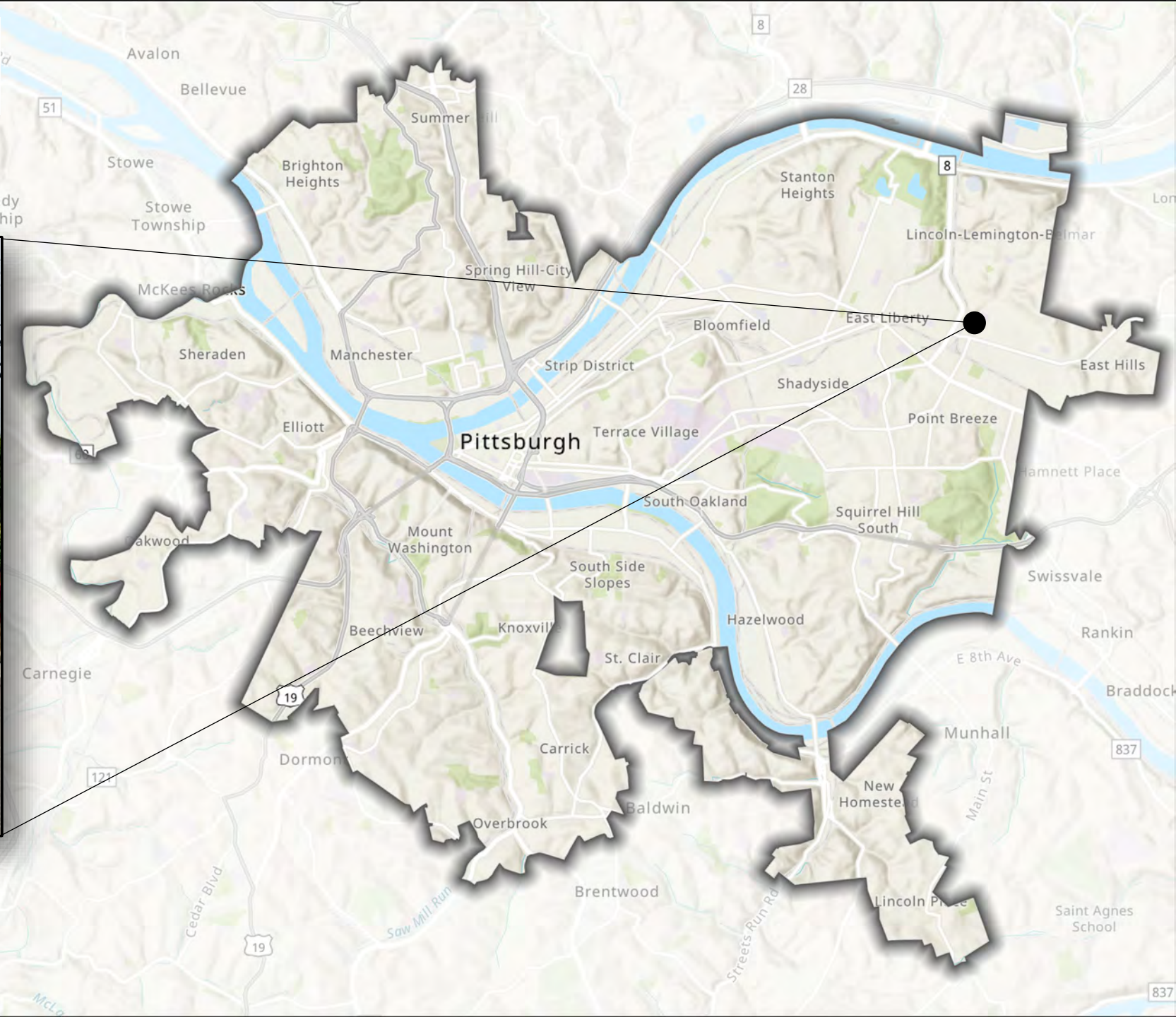
Traffic Calming

Murtland St



Neighborhood: Homewood North / West

Council District: 9



Traffic Calming

Murtland St

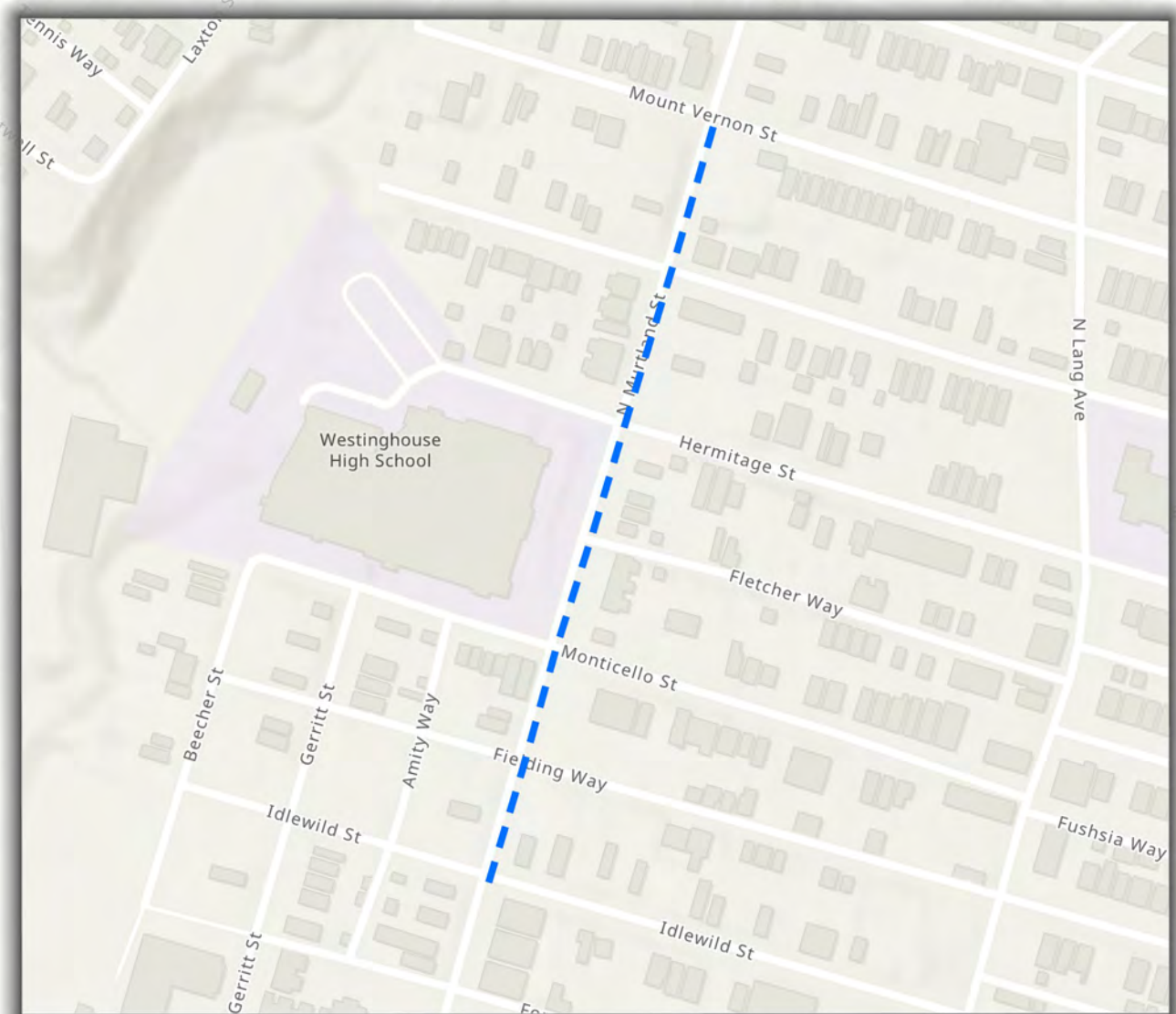
J40 Community: Yes

High Injury Network: No

Extents: Mount Vernon St to Idlewild St.

Length: Approx. 1600 ft

Project Description: Safety around measures targeted for children walk to school.



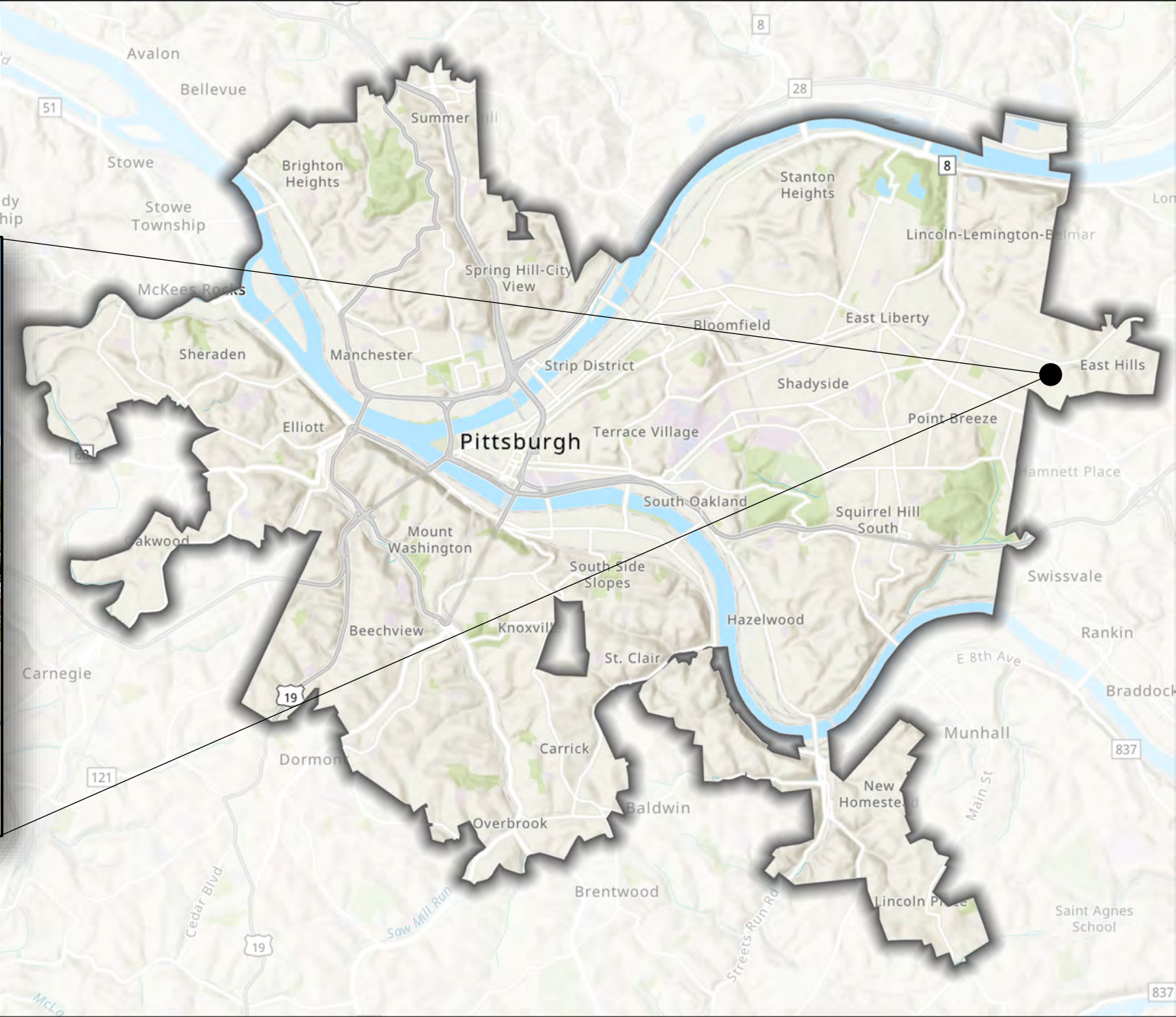
Traffic Calming

Hamilton Ave



Neighborhood: Homewood South

Council District: 9



Traffic Calming

Hamilton Ave

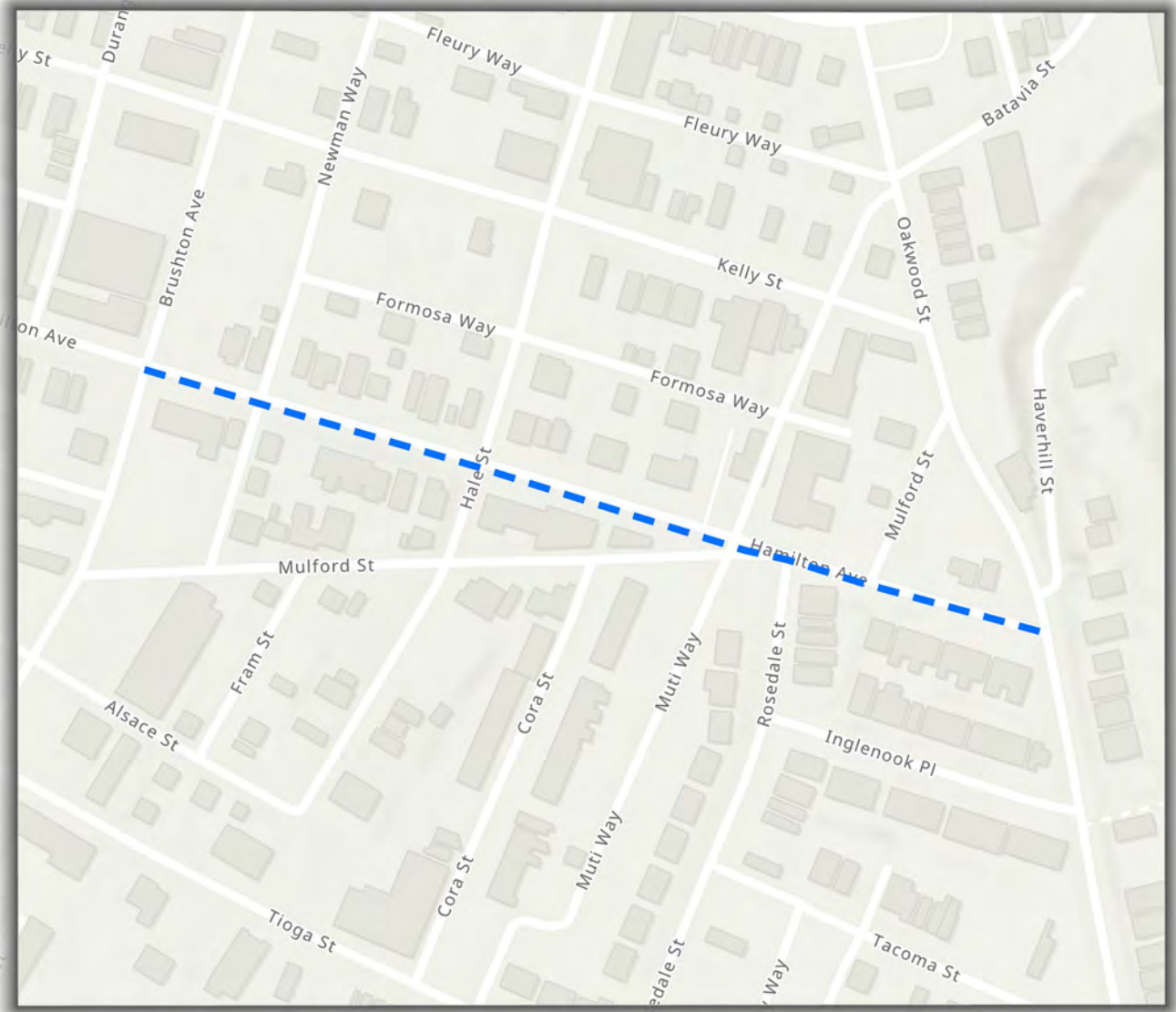
J40 Community: Yes

High Injury Network: Yes

Extents: Brushton Ave to Oakwood St.

Length: Approx. 1700 ft

Project Description: 2 speed tables and intersections improvements for pedestrians



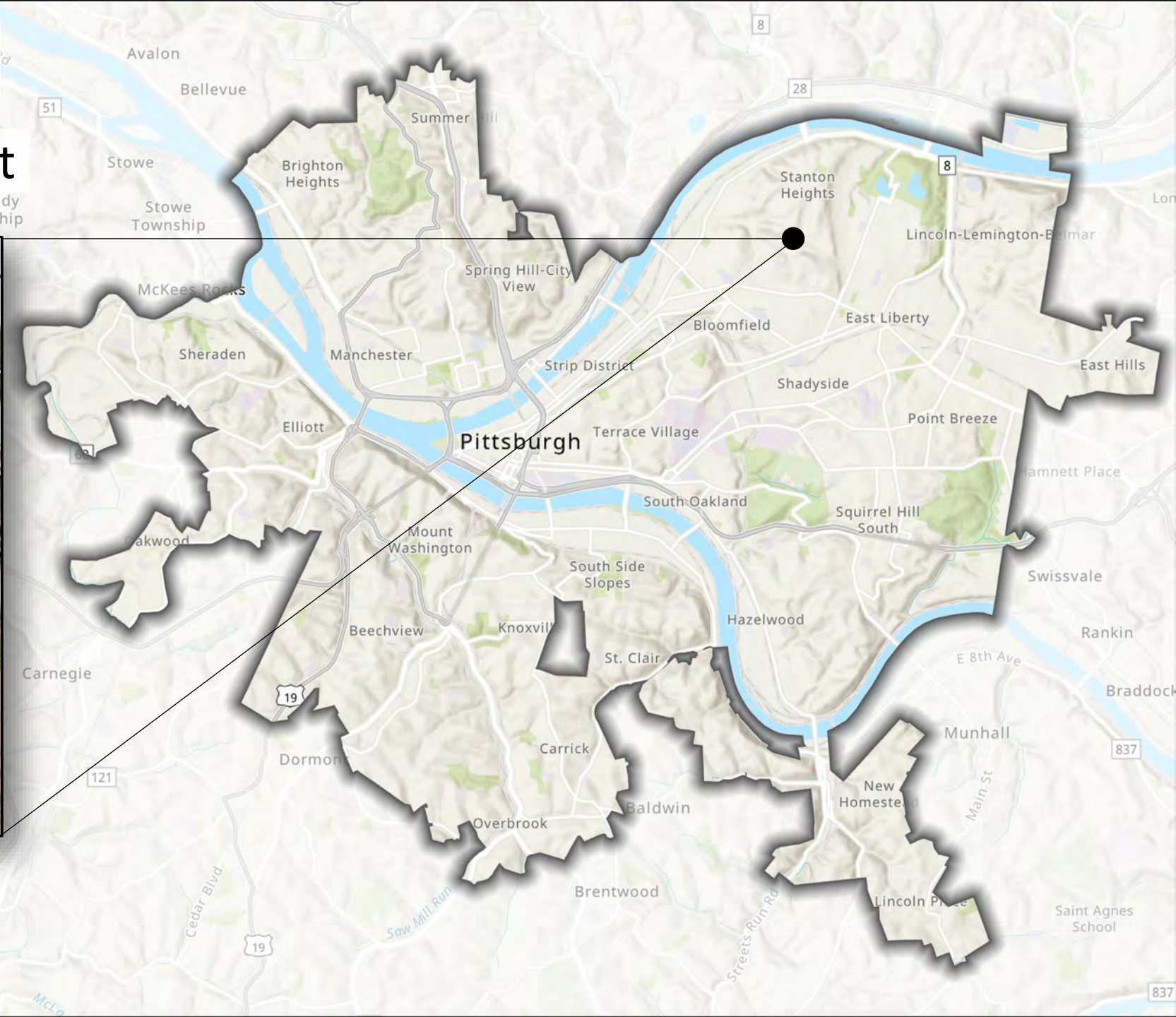
Traffic Calming

Schenley Ave / N Mathilda St



Neighborhood: Garfield

Council District: 9



Traffic Calming

Schenley Ave / N Mathilda St

J40 Community: Yes

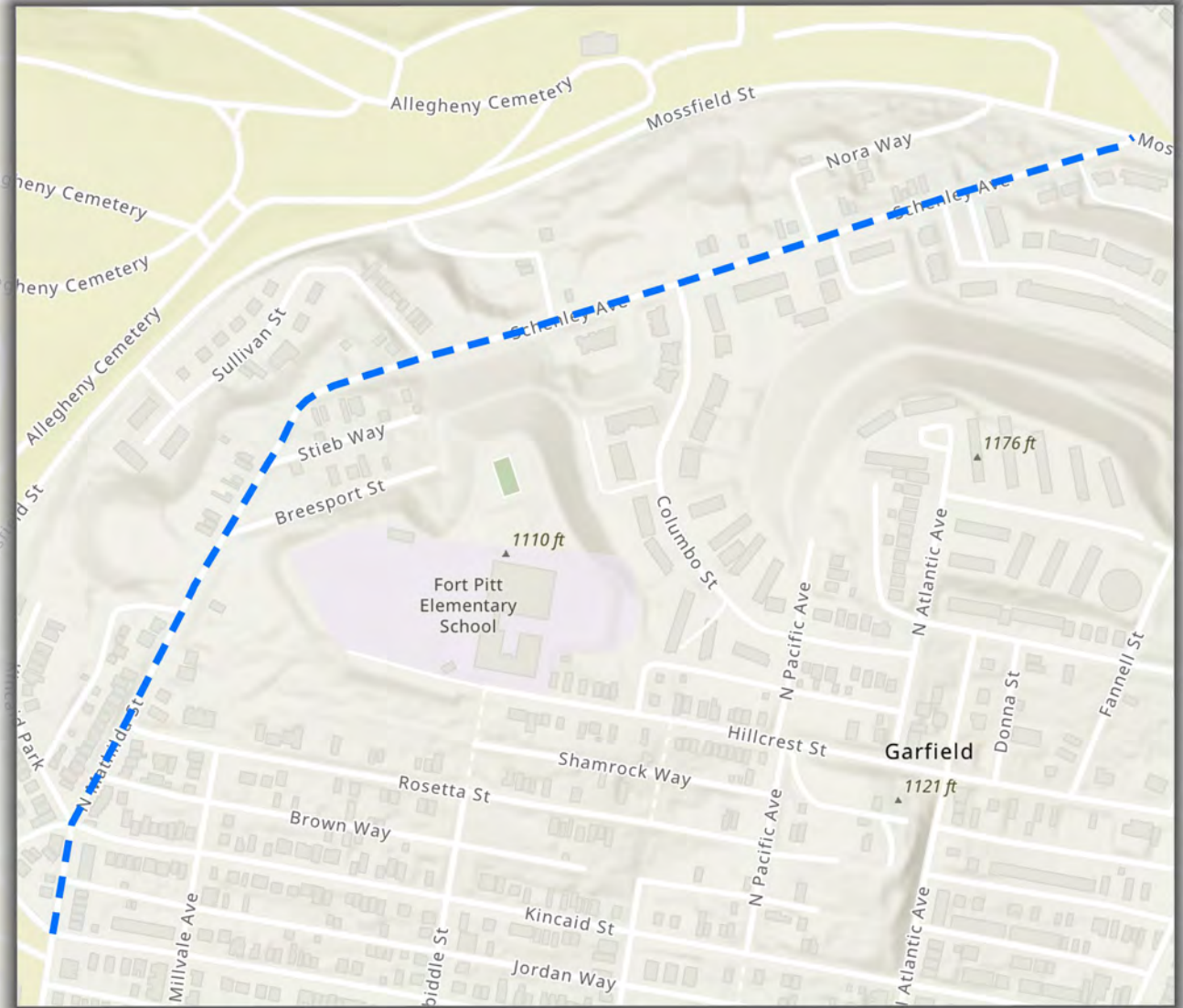
High Injury Network: No

Extents: Mossfield St to Mossfield St

Length: Approx. 5000 ft

Project Description:

- Five (5) speed humps
- Two (2) speed tables
- Line striping for parking delineation to prevent sidewalk parking
- Pedestrian upgrades including intersection daylighting, crosswalk upgrades and improved signage
- Intersection improvements at Mossfield, Broad and N Mathilda to increase safety by formalizing turn lanes and daylighting to improve sight lines for turning vehicles and pedestrians



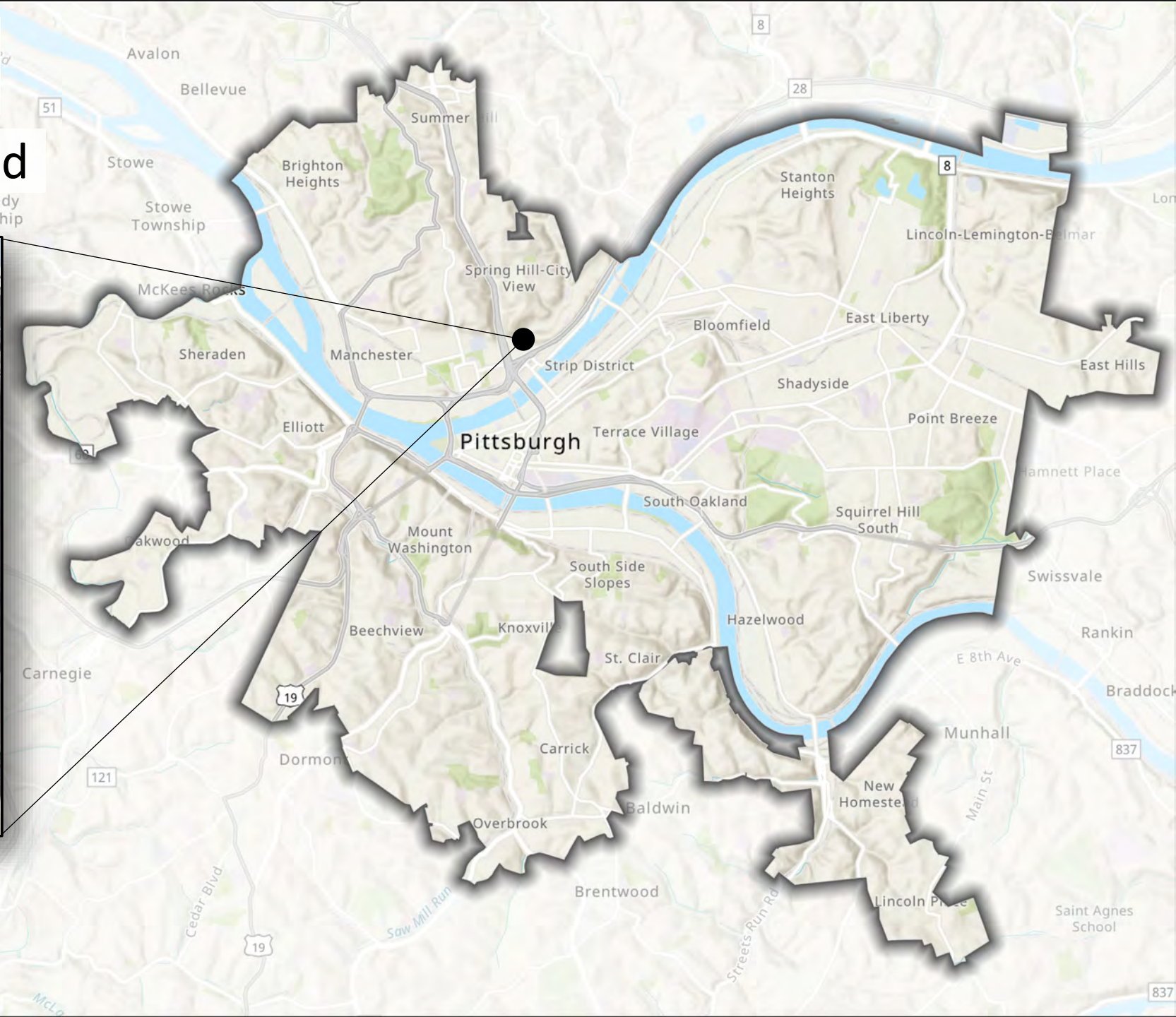
Traffic Calming

East Allegheny Neighborhood



Neighborhood: East Allegheny

Council District: 1



Traffic Calming

East Allegheny Neighborhood

J40 Community: Yes

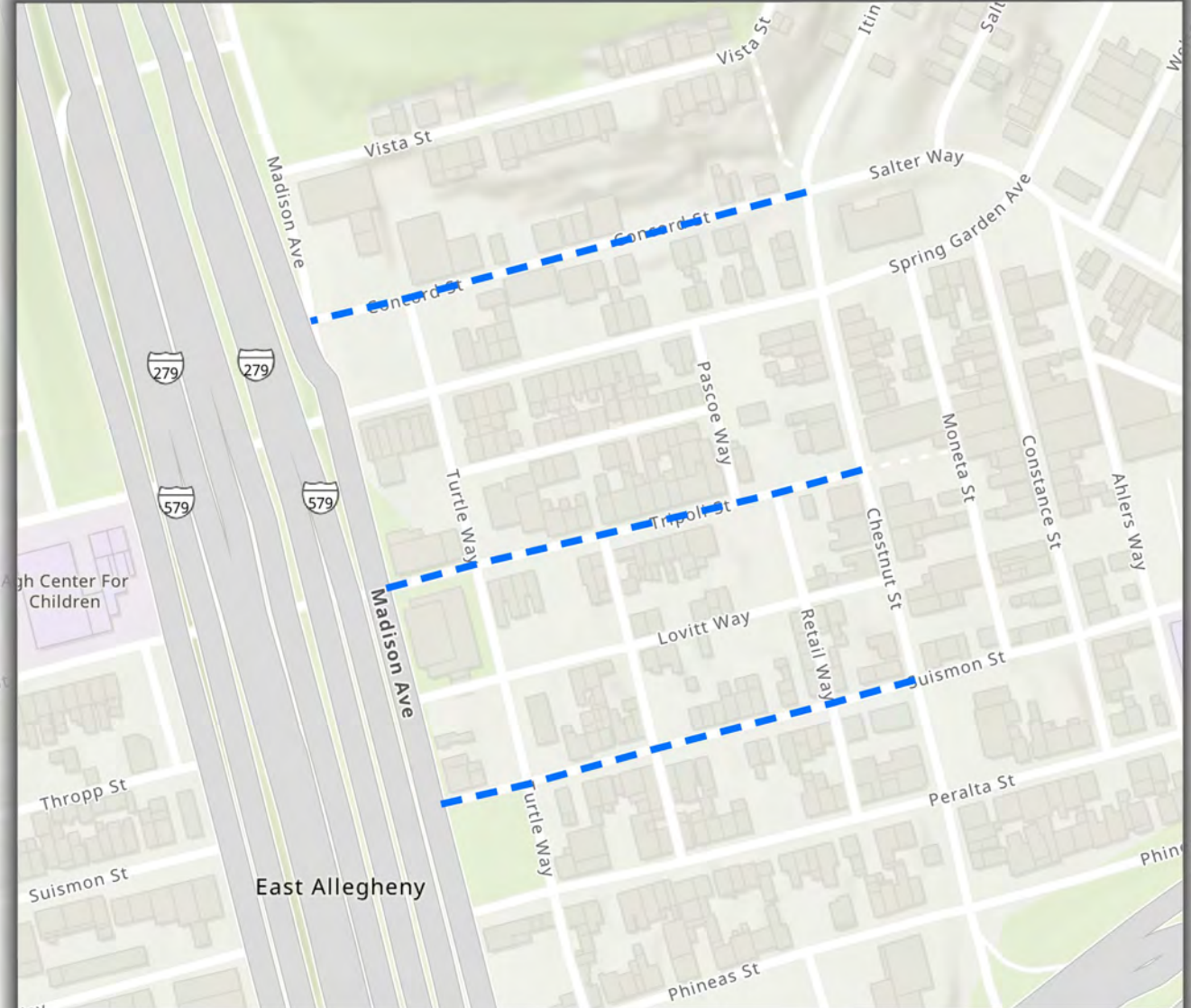
High Injury Network: No

Extents: Concord St, Tripoli St, and Suismon St from Madison Ave to Chestnut St.

Length: Approx. 2800 ft

Project Description:

- Two (2) speed humps on each street listed above
- Upgrade and/or clarify one-way signage at these locations
- Re-install bollards/flexposts on the median near the on-ramp for I-279 at Madison and Concord to prevent illegal maneuver entering the on-ramp for I-279 from Concord Street (work to be completed by PennDOT)

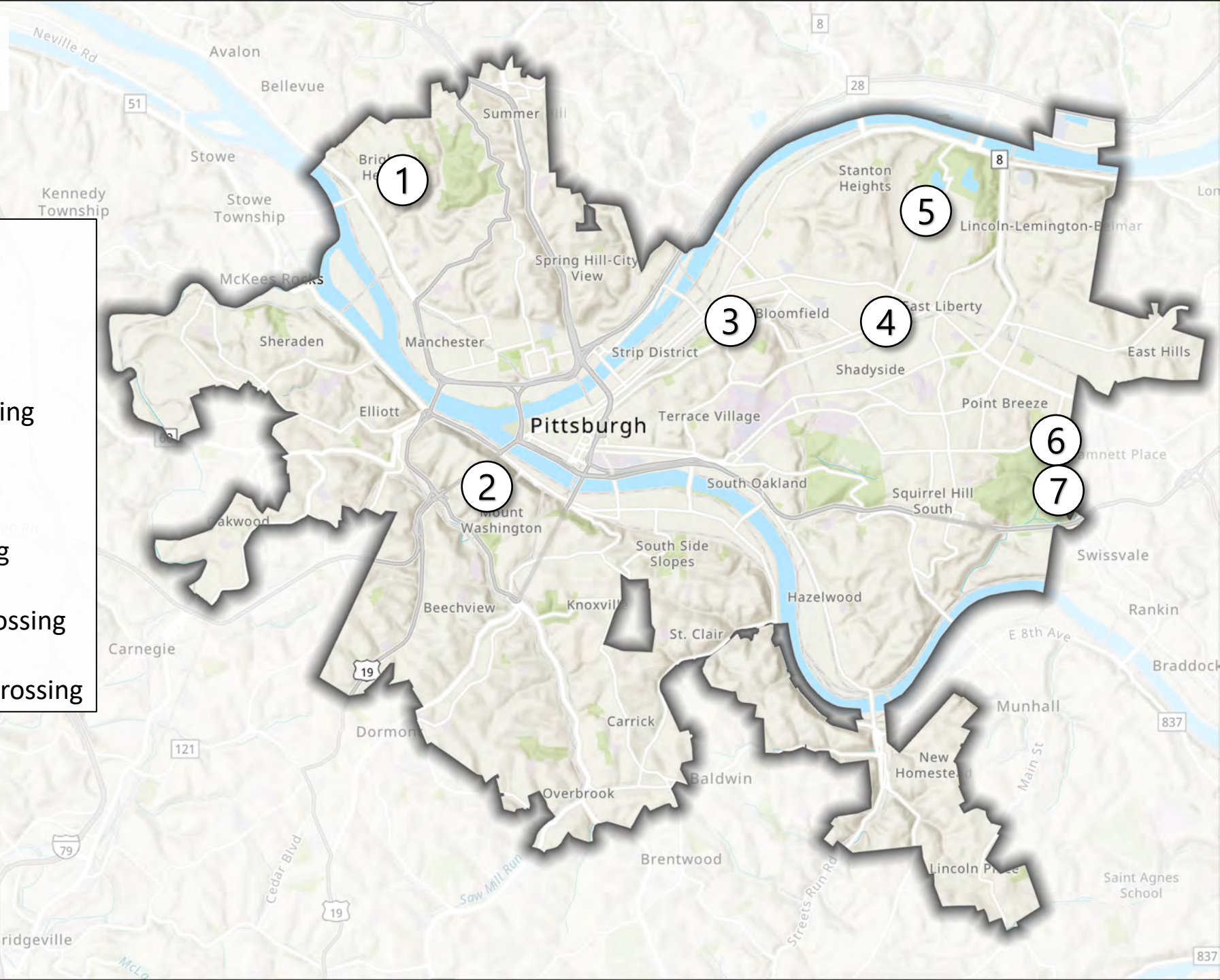


Traffic Safety

Other Safety Measures

Intersection Safety Improvements

1. Termon Ave – Hardscaping
2. Virginia Ave – Raised Crosswalk
3. Herron Ave and Dobson St – Safe Crossing
4. Negley Ave and Centre Ave – All Walk
5. Negley Ave and Bryant St – Hardscaping
6. Braddock Ave and Biddle Ave – Safe Crossing
7. Braddock Ave and Henrietta St – Safe Crossing

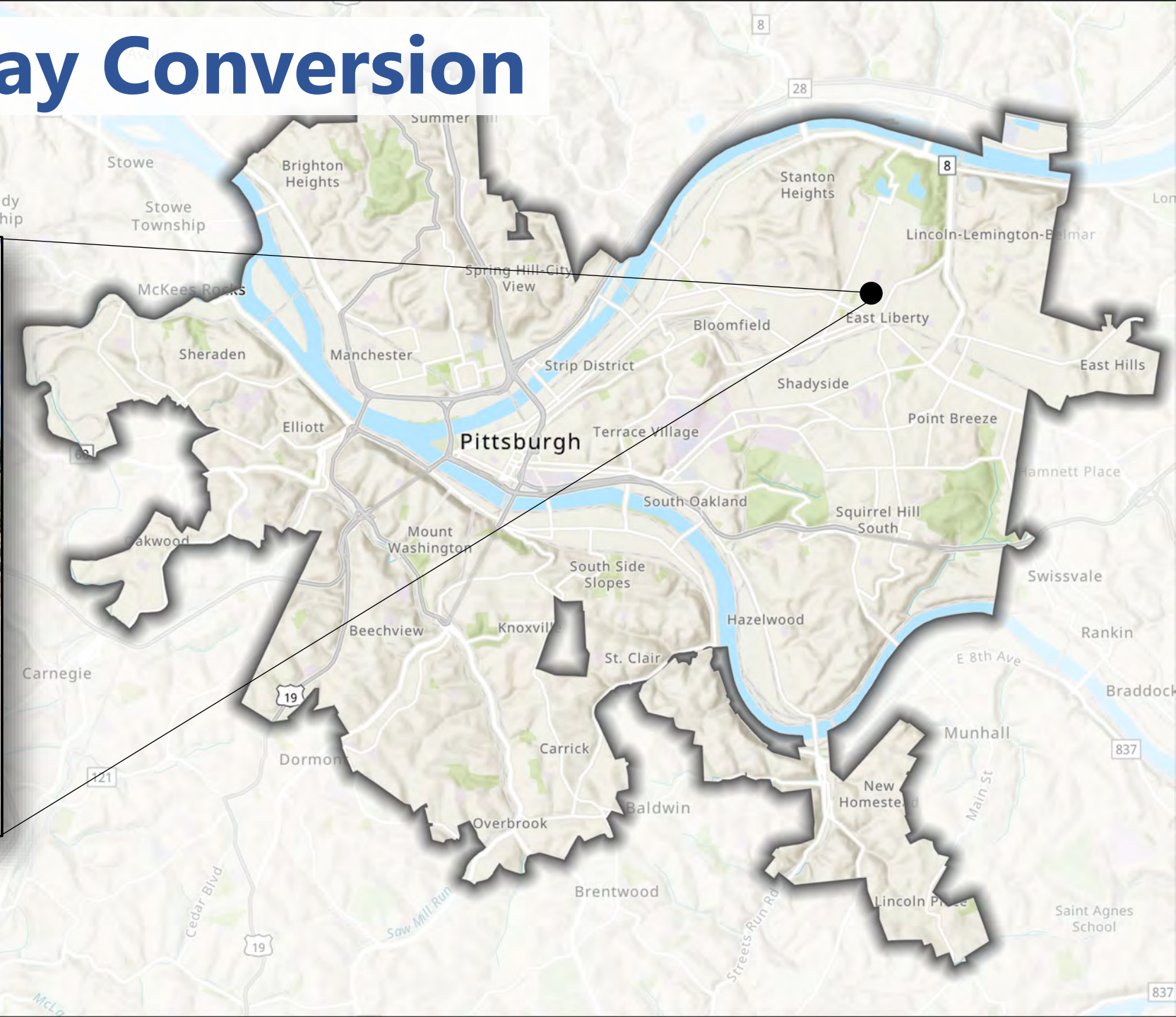


Penn Circle 2 Way Conversion



Neighborhood: East Liberty

Council District: 9



Penn Circle 2 Way Conversion

J40 Community: Yes

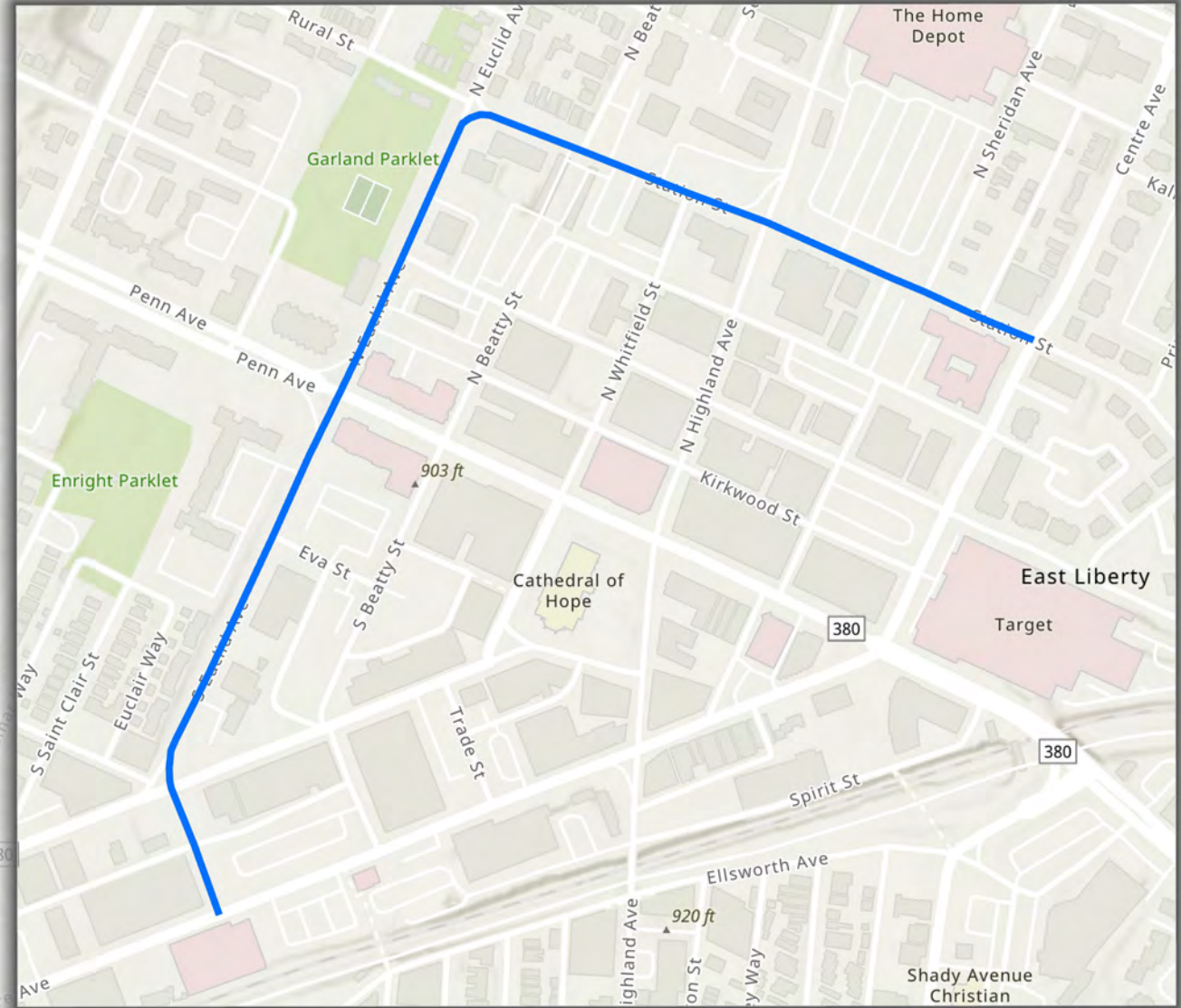
High Injury Network: Yes

Extents: Euclid Ave and Station St from Centre Ave to Centre Ave.

Length: Approx. 5100 ft

Project Description:

- 6,492 Square Feet of Additional Green Space
- 8,000+ Linear Feet of New Protected Bike Lanes
- 51 New Street Trees
- 3,900 Linear Feet of New Directional Lanes
- 10 Additional Parking Spaces
- 34 Total Striped Crosswalks



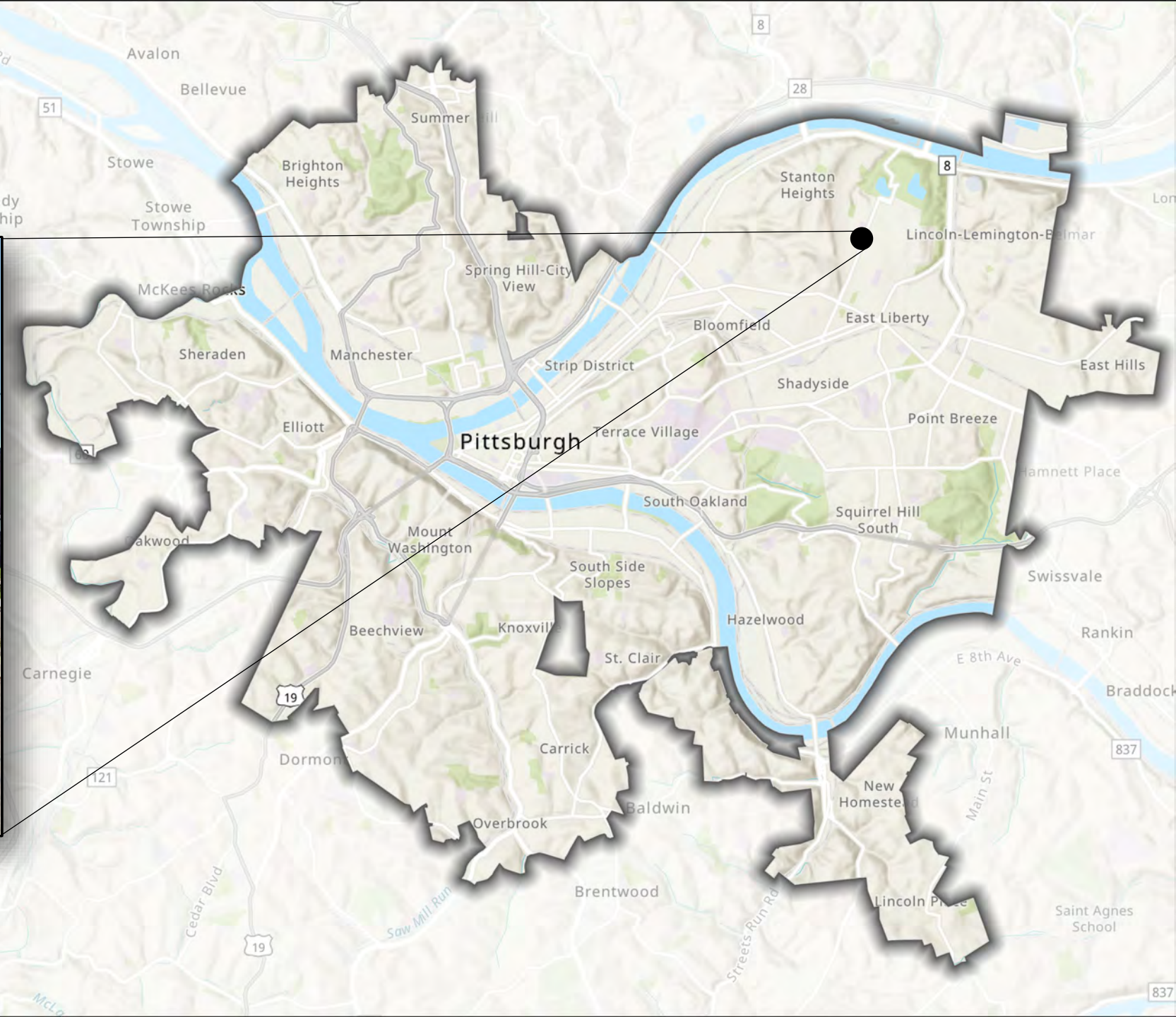
Traffic Safety

Stanton Ave Phase 2



Neighborhood: East Liberty, Highland Park

Council District: 7, 9



Traffic Safety

Stanton Ave Phase 2

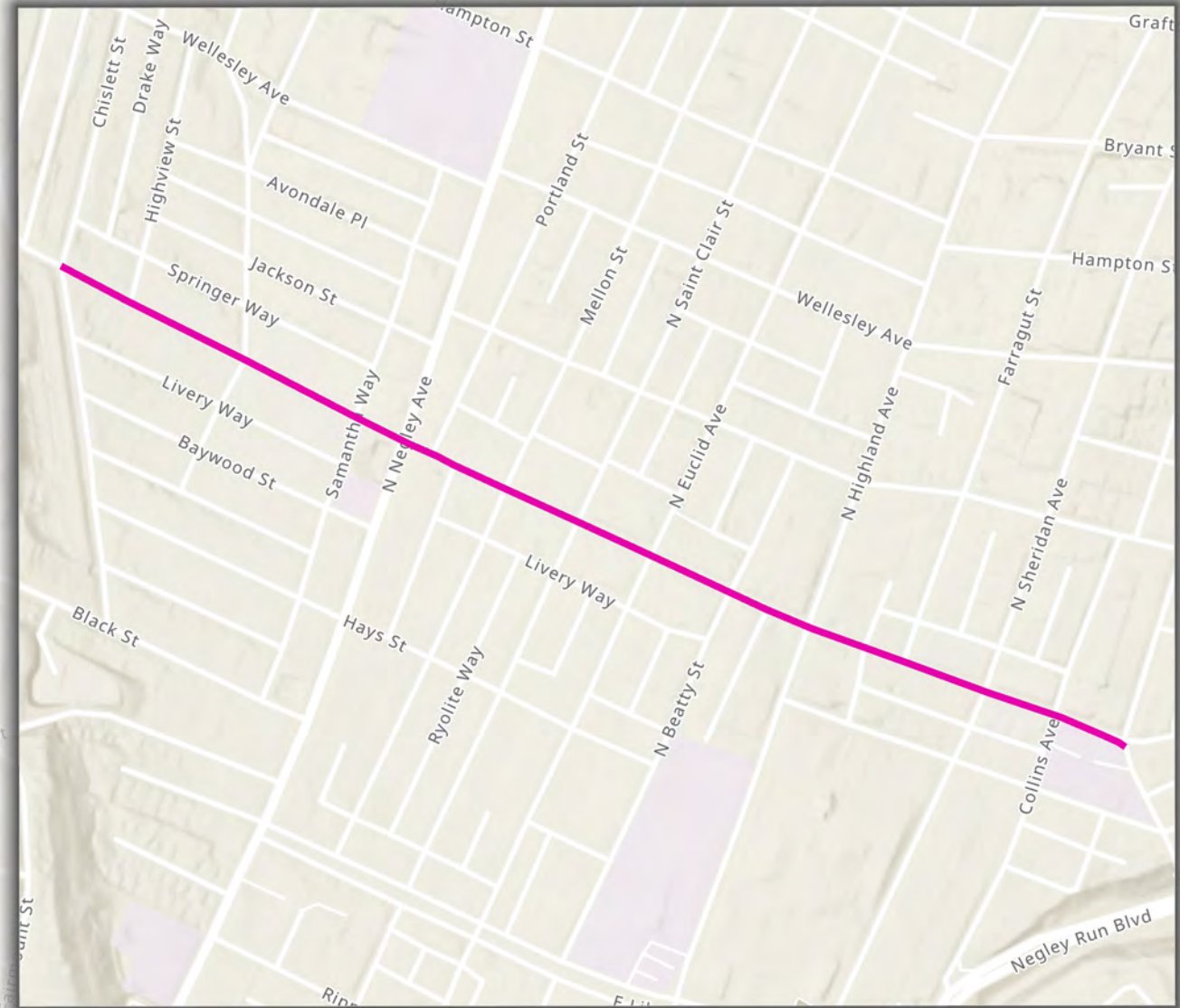
J40 Community: No

High Injury Network: Yes

Extents: Chislett St to Meadow St.

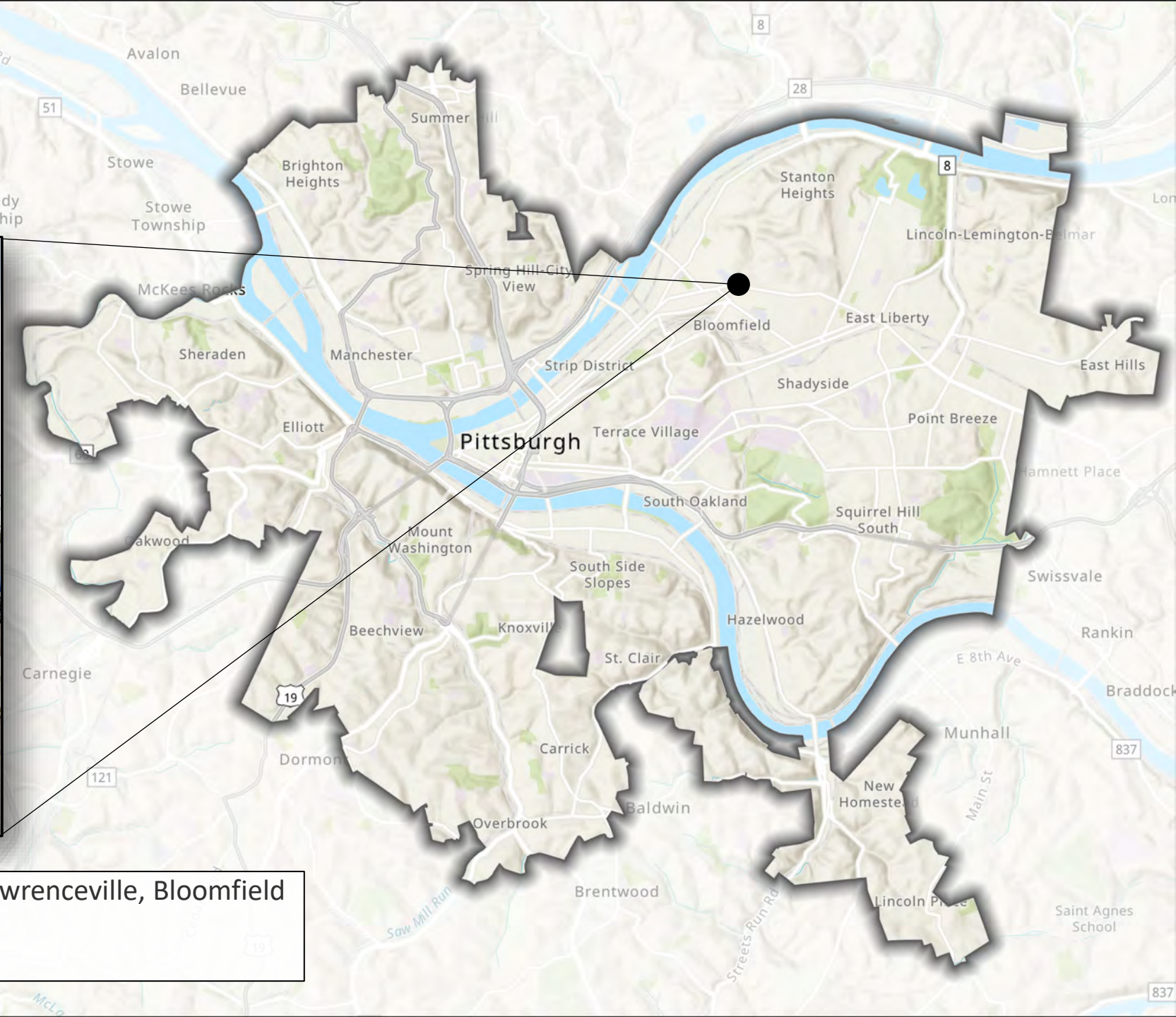
Length: Approx. 5800 ft

Project Description: This project design will respond to documented speeding issues by adding traffic calming improvements to the corridor. The design will also work to improve transit stops, create safer connections for cyclists, and improve pedestrian crossings.



Traffic Safety

Lawrenceville Safety Suite



Neighborhood: Lower Lawrenceville, Central Lawrenceville, Bloomfield

Council District: 7

A map of the Arsenal neighborhood in Chicago. The map shows a grid of streets including 39th St, 40th St, 42nd St, 44th St, and 45th St running north-south. East-west streets include Penn Ave, Woolslayer Way, Bowery Way, Garden Way, and Service Way. A pink line highlights a route starting from the top left, going south on 39th St, then east on Woolslayer Way, and finally north on Fisk St. Key locations marked include Arsenal Middle School, Arsenal Park, GetGo, Deli on Butler, Saint Francis School of Nursing, and Saint John Neumann. The word 'Arsenal' is written in large text at the top left.



Traffic Signals

DOMI is responsible for the maintenance and operation of about 615 traffic signals and 92 flashing devices.

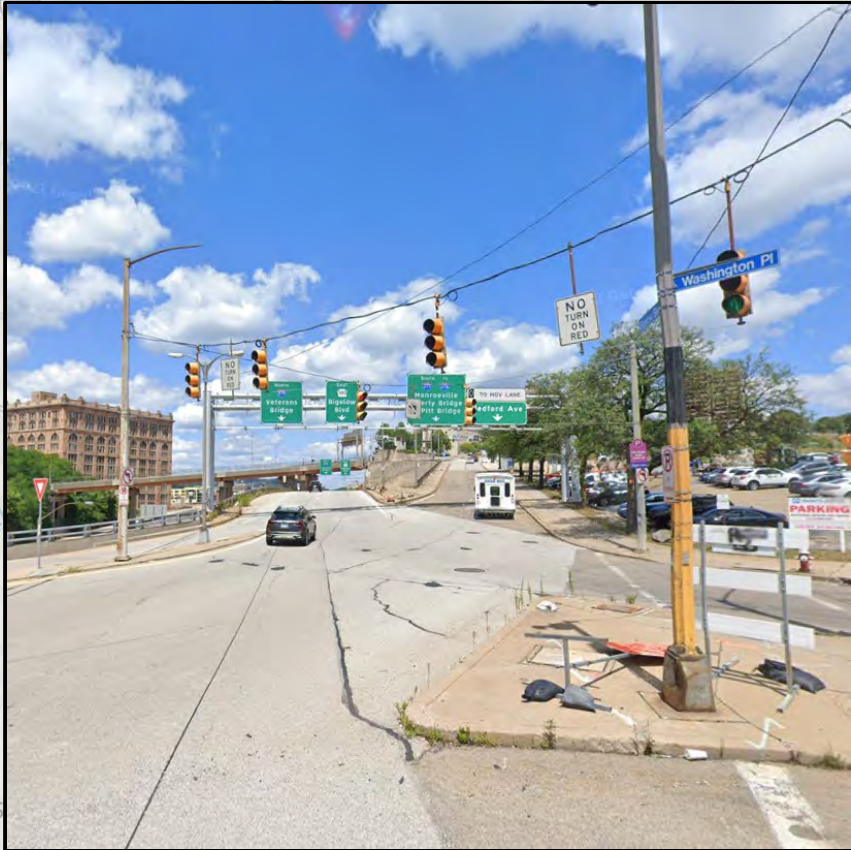
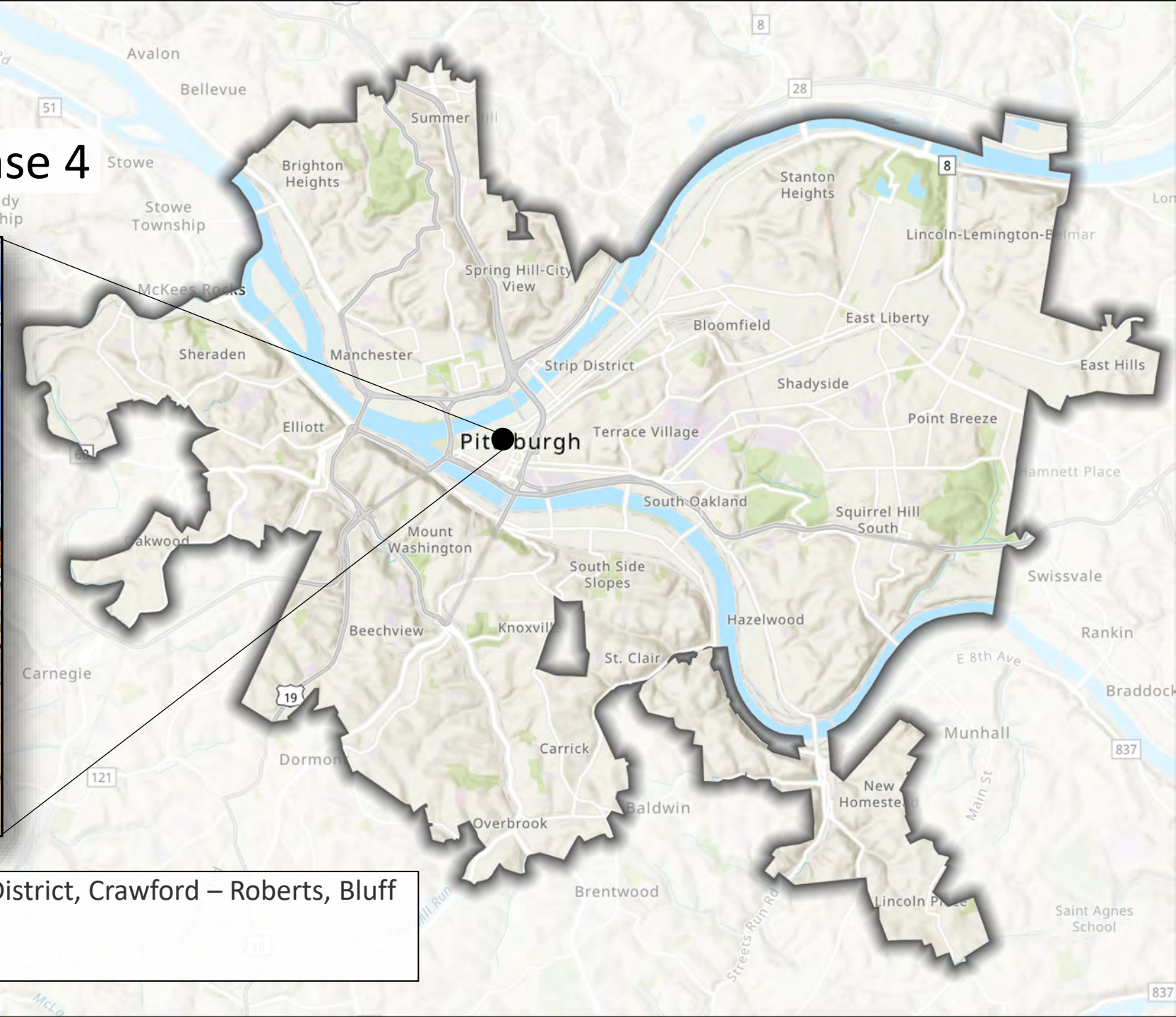
We are routinely replacing, upgrading, and assessing the need for traffic signalization on an ongoing basis.



Allegheny Commons

Traffic Signals

Central Business District Phase 4



Neighborhood: Central Business District, Strip District, Crawford – Roberts, Bluff

Council District: 1, 6

Traffic Signals

Central Business District Phase 4

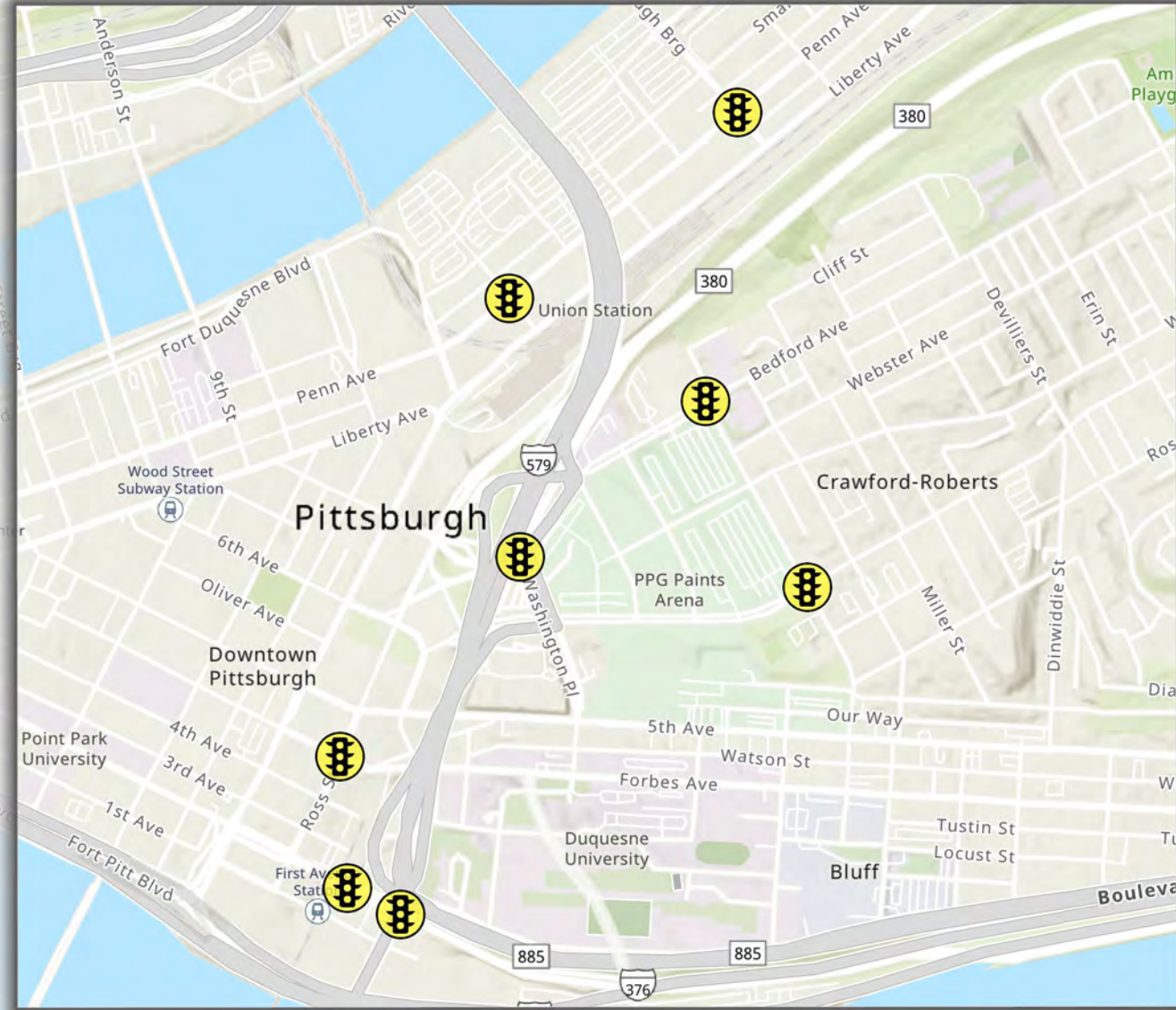
J40 Community: Yes

High Injury Network: Yes

Extents: 8 Intersections

- 12/Penn
- 16/Penn
- Centre/Crawford
- Bedford/Crawford
- Forbes/Ross
- Bedford/Washington
- Second/Courts
- Second/Driveway

Project Description: Updating existing traffic signals with modern hardware and software connectivity. New pedestrian crossing infrastructure and pavement markings.



Traffic Signals

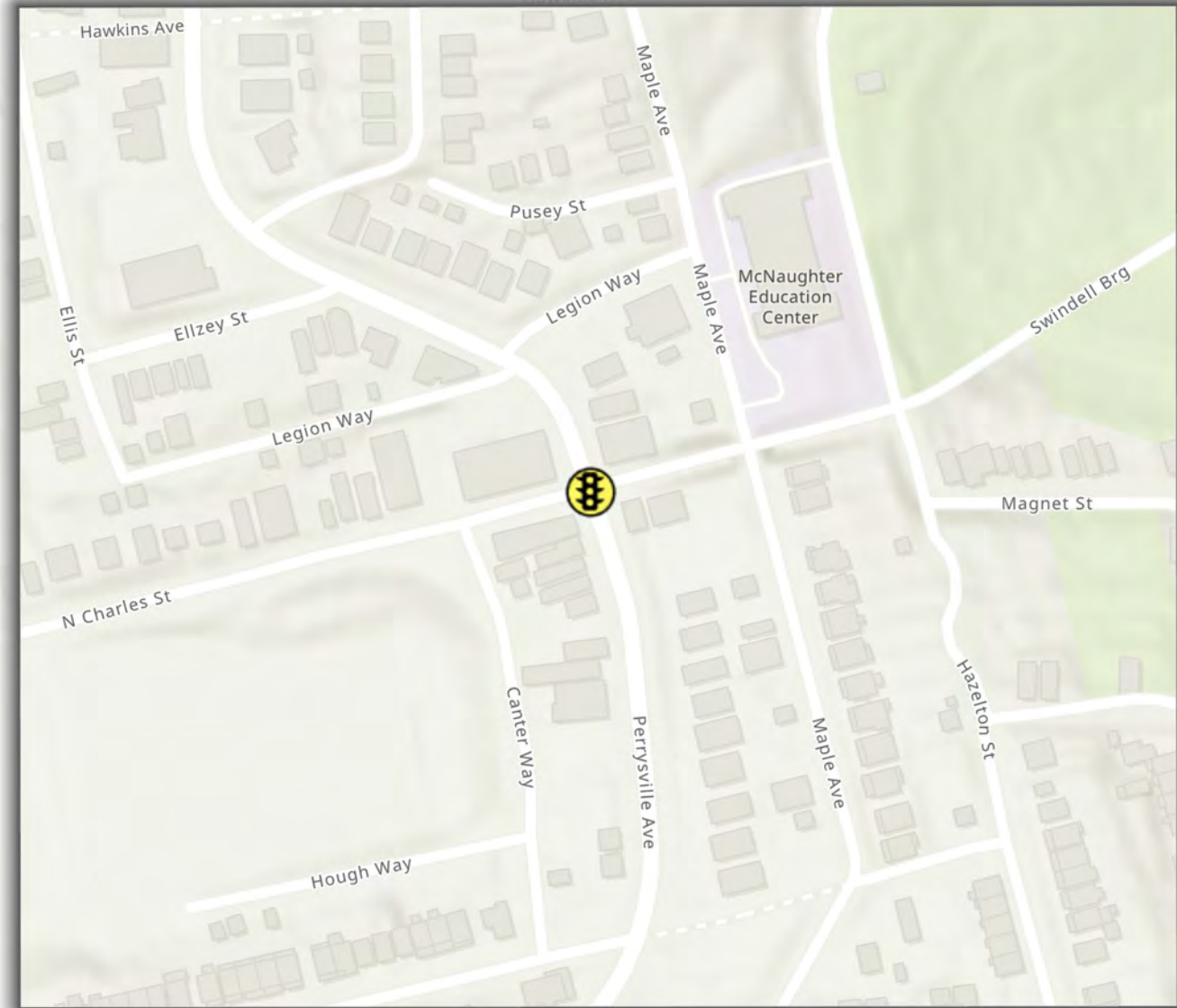
Charles St & Perrysville Ave

J40 Community: Yes

High Injury Network: Yes

Extents: Intersection of Charles St and Perrysville Ave.

Project Description: Updating existing traffic signals with modern hardware and software connectivity. New pedestrian crossing infrastructure and pavement markings.

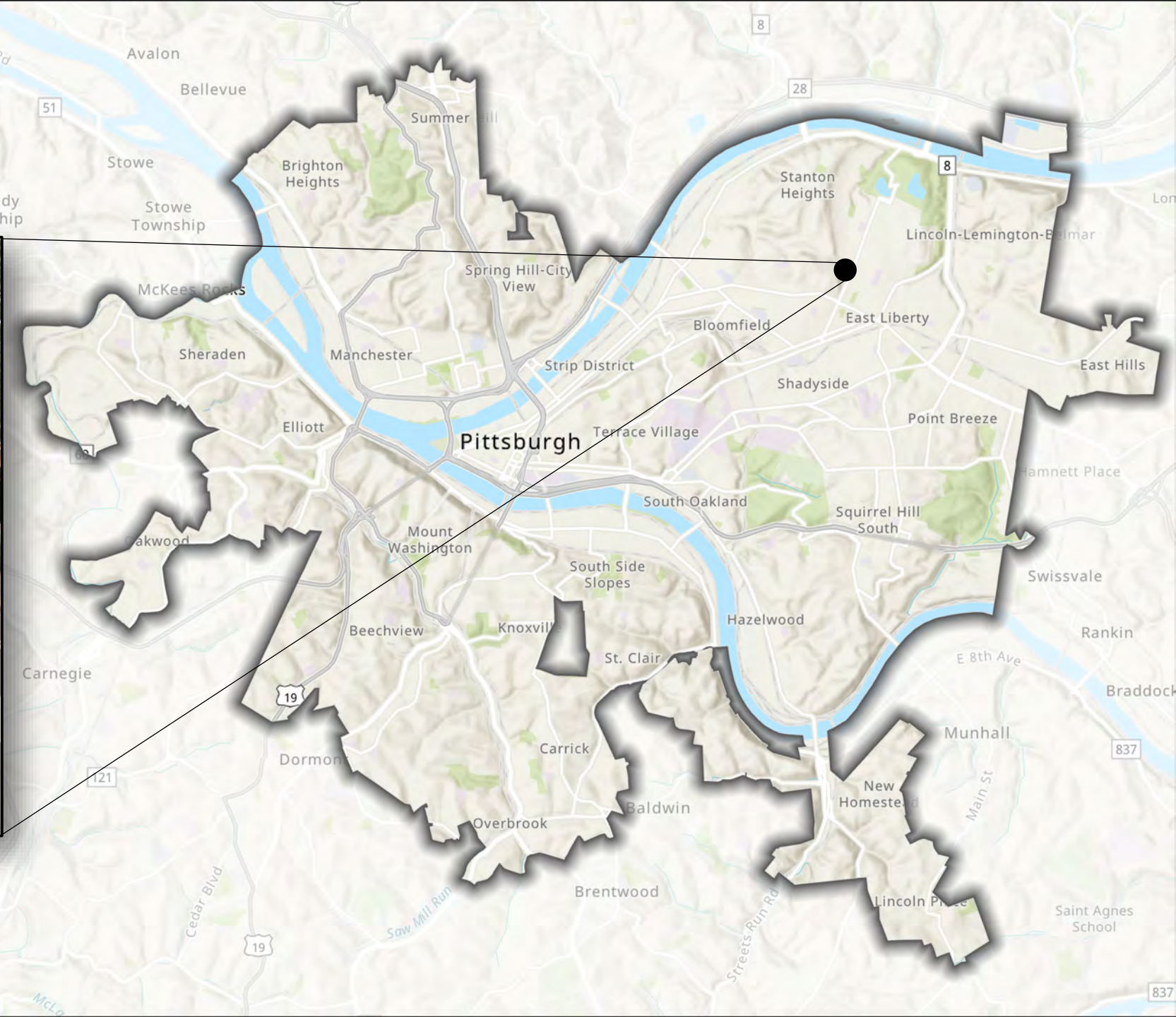


Traffic Signals

Black St & Negley Ave



Neighborhood: Garfield & East Liberty
Council District: 9



Traffic Signals

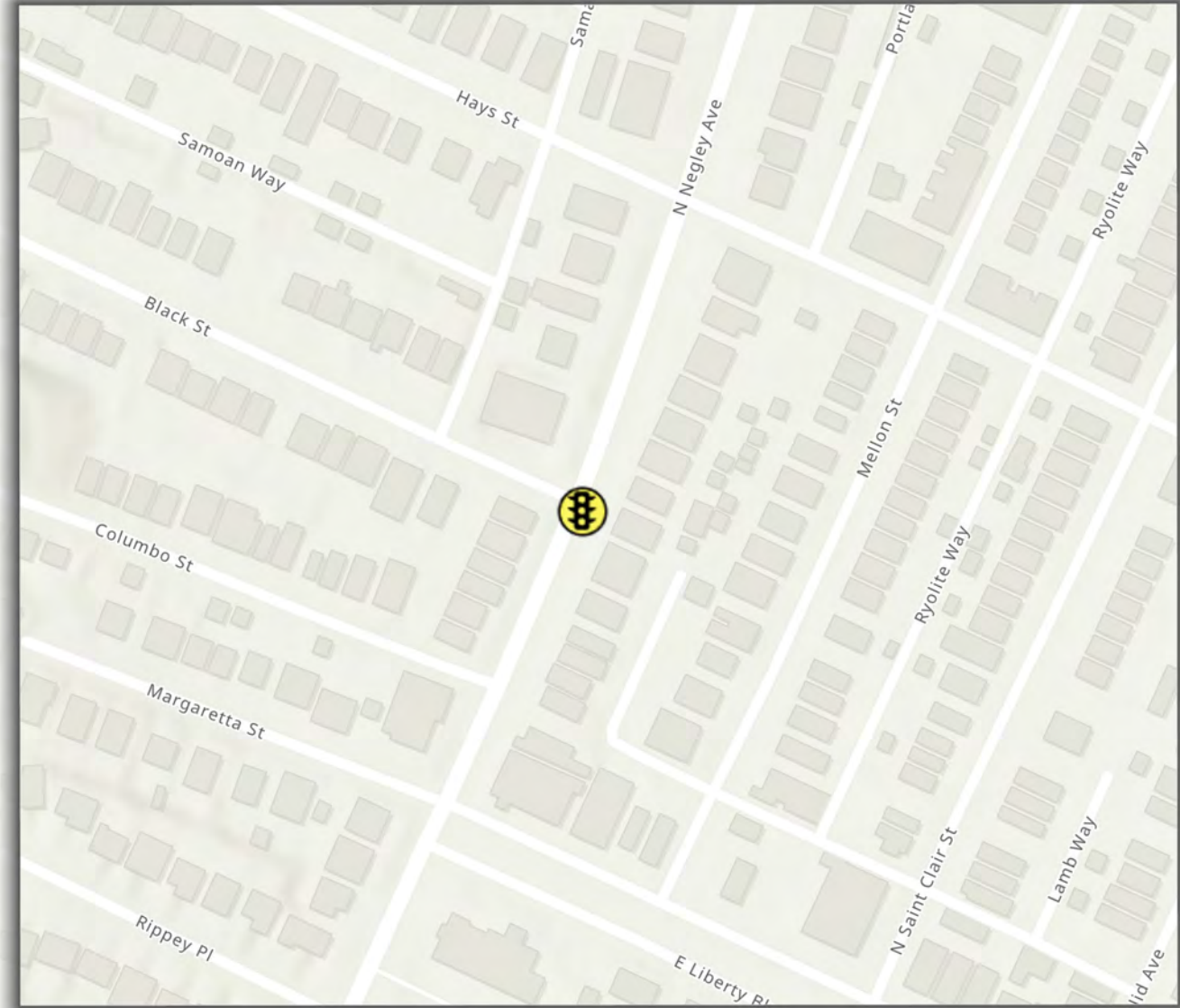
Black St & Negley Ave

J40 Community: Yes

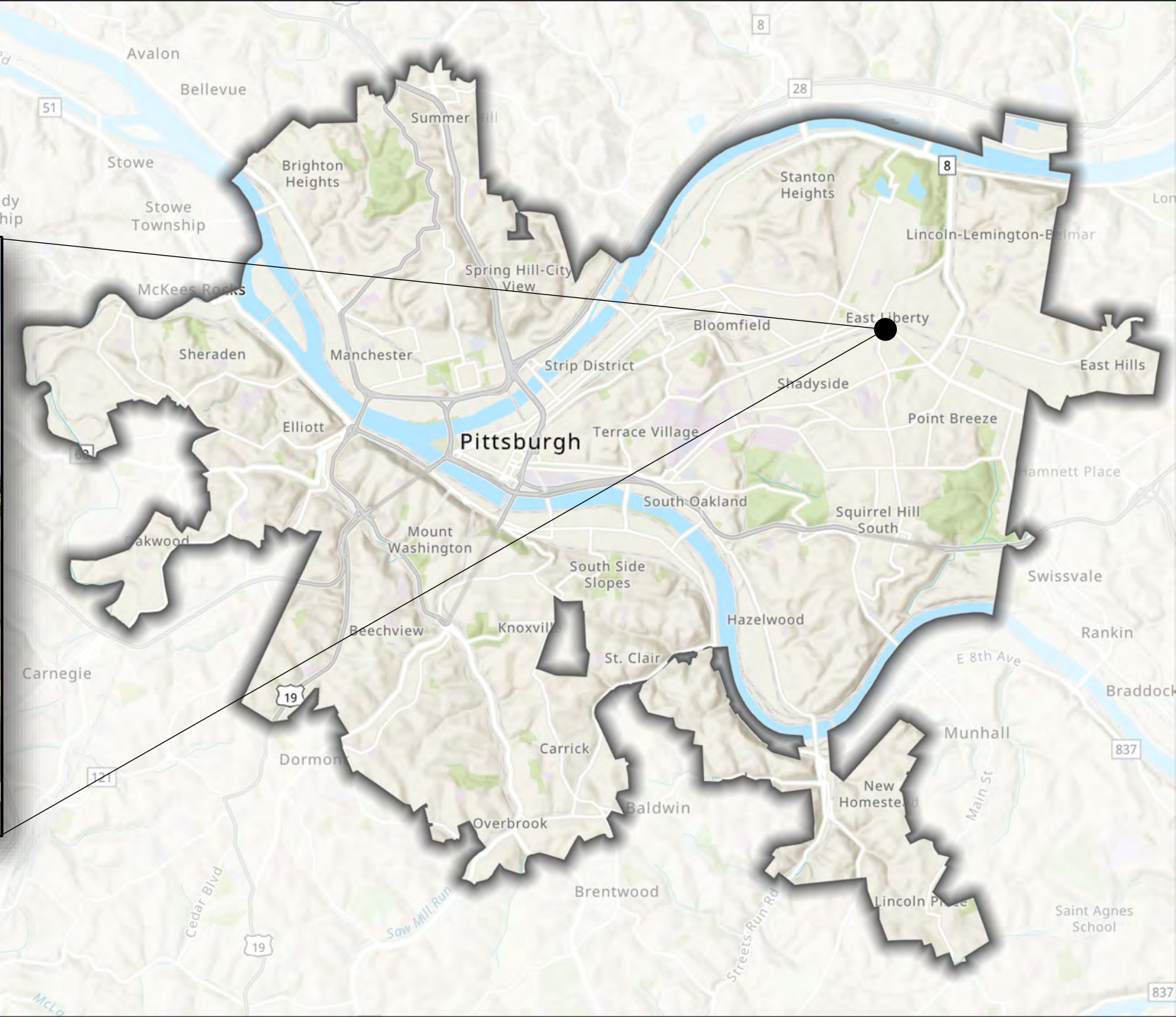
High Injury Network: Yes

Extents: Intersection of Black St and Negley Ave.

Project Description: Updating existing traffic signals with modern hardware and software connectivity. New pedestrian crossing infrastructure and pavement markings.



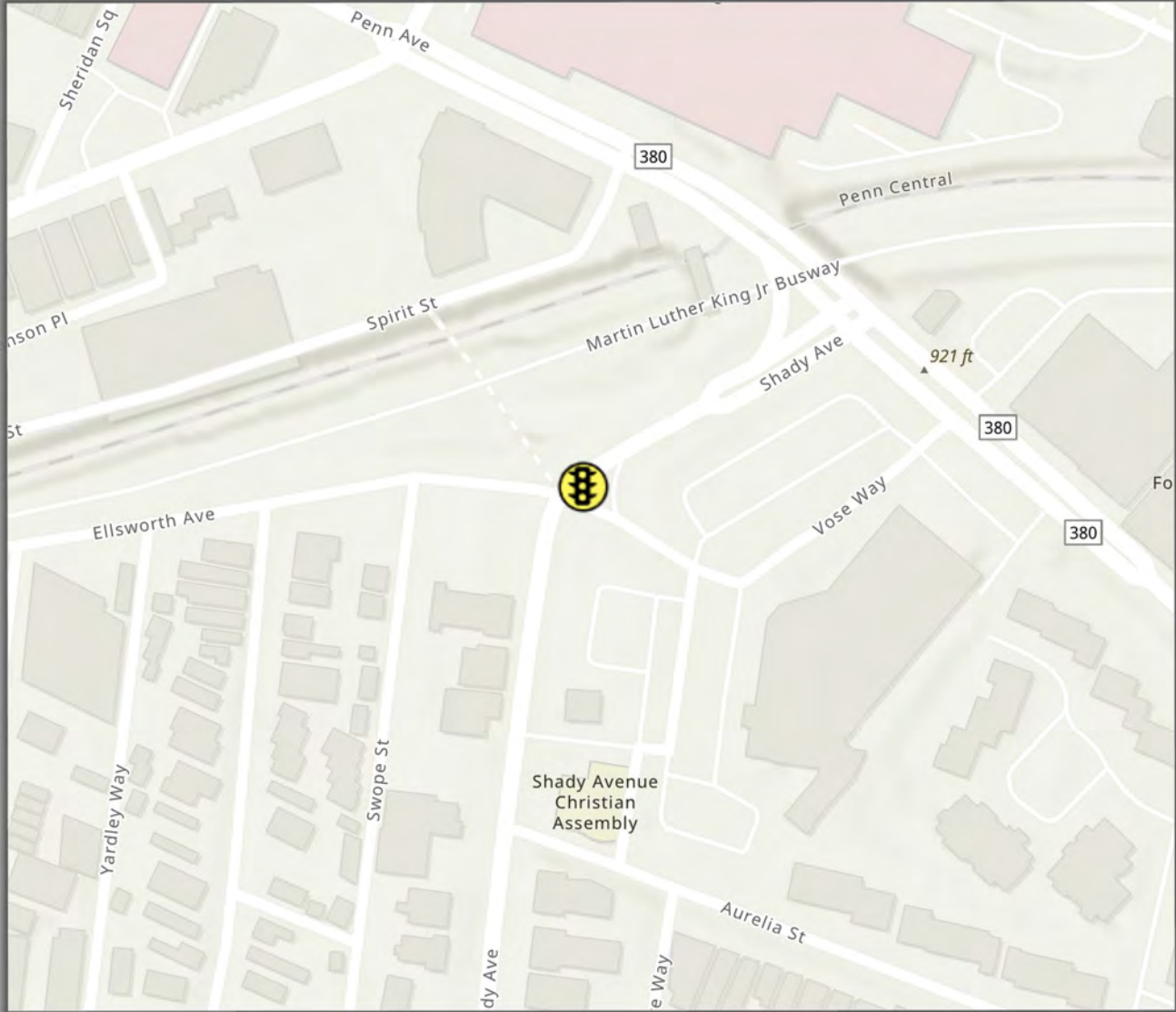
Council District: 8, 9



Traffic Signals

Shady Ave & Ellsworth Ave

- J40 Community:** No
- High Injury Network:** Yes
- Extents:** Intersection of Shady Ave and Ellsworth Ave.
- Project Description:** Updating existing traffic signals with modern hardware and software connectivity. New pedestrian crossing infrastructure and pavement markings.



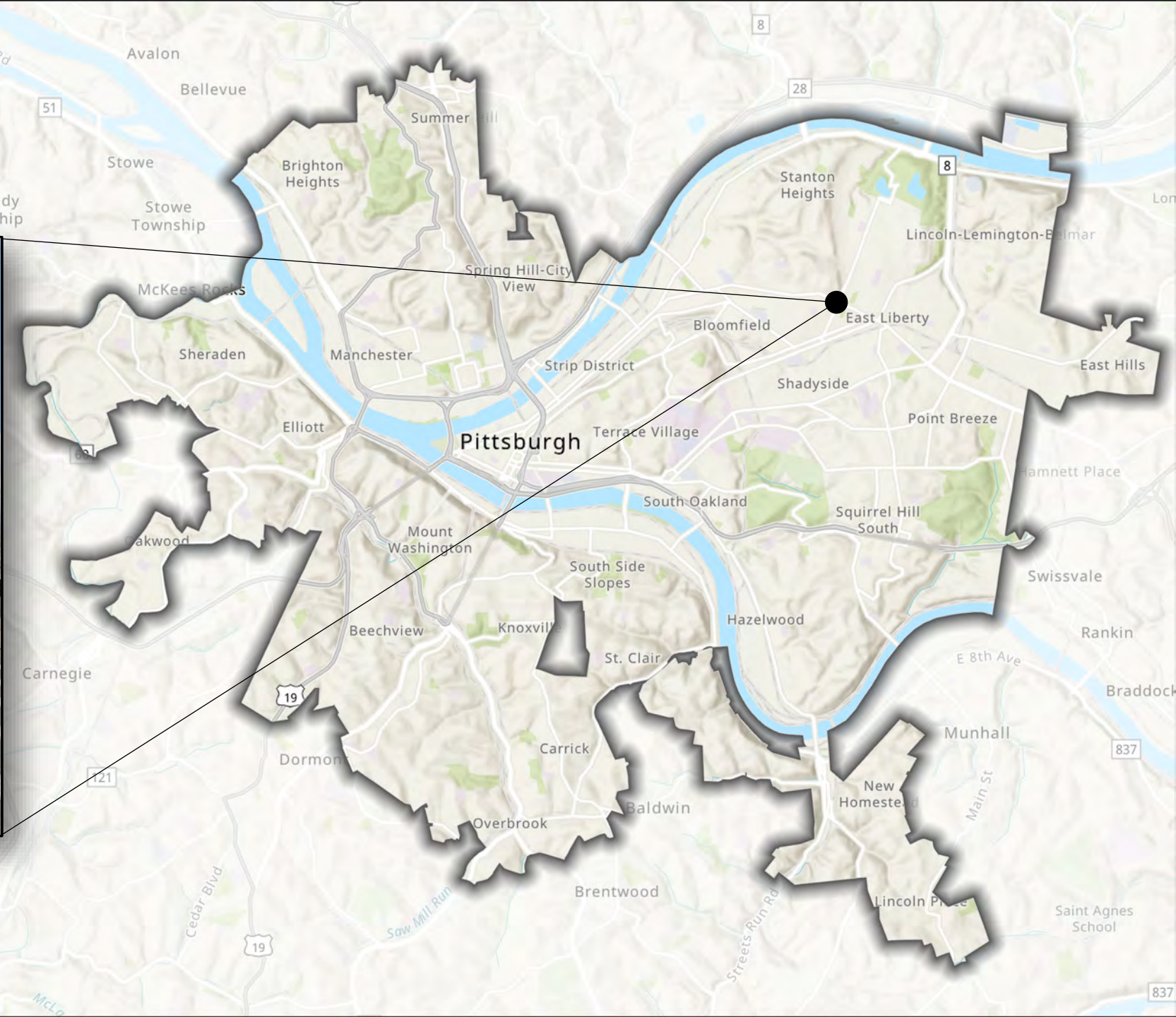
Traffic Signals

Penn Ave & Highland Ave



Neighborhood: East Liberty

Council District: 9



Traffic Signals

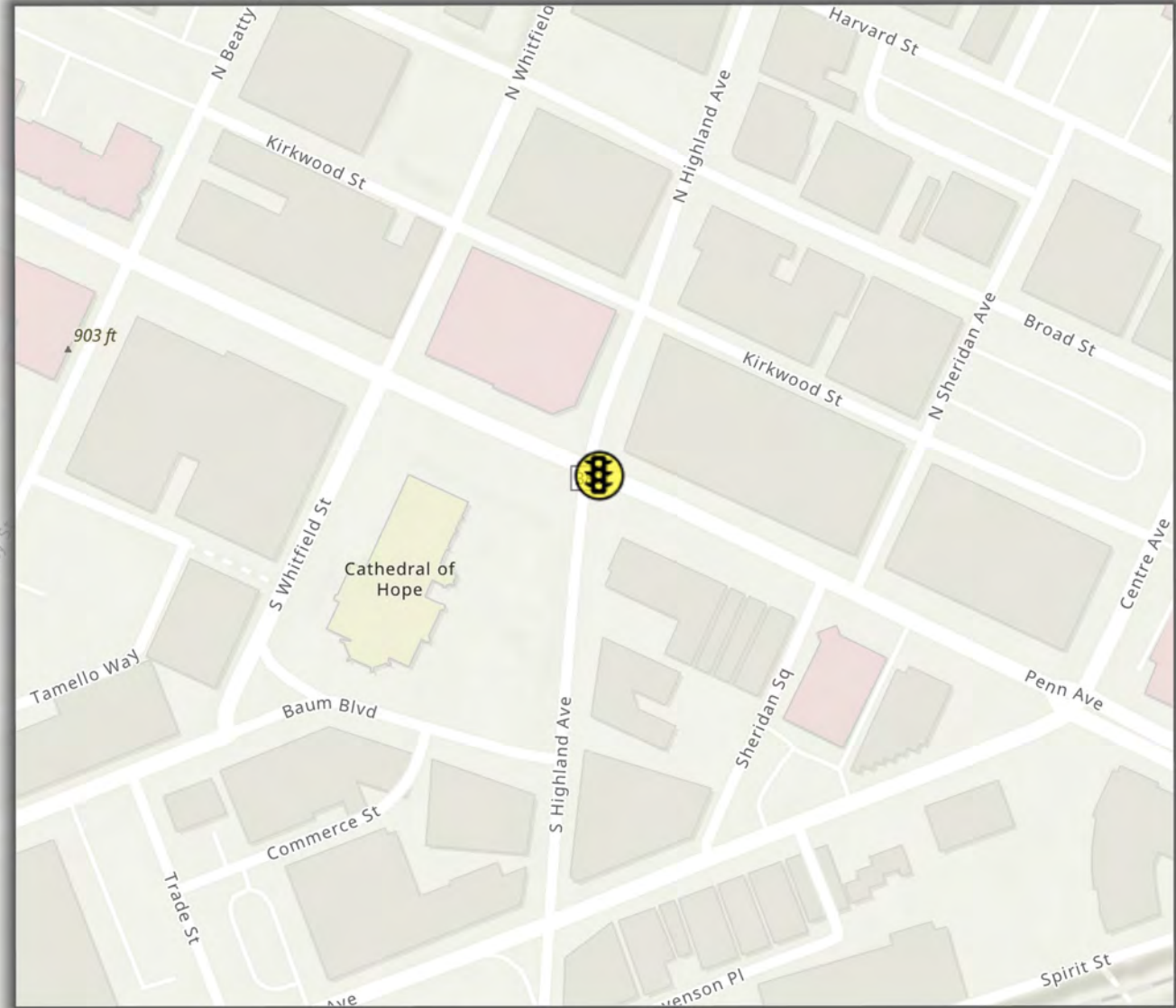
Penn Ave & Highland Ave

J40 Community: Yes

High Injury Network: Yes

Extents: Intersection of Penn Ave and Highland Ave.

Project Description: Updating existing traffic signals with modern hardware and software connectivity. New pedestrian crossing infrastructure and pavement markings.



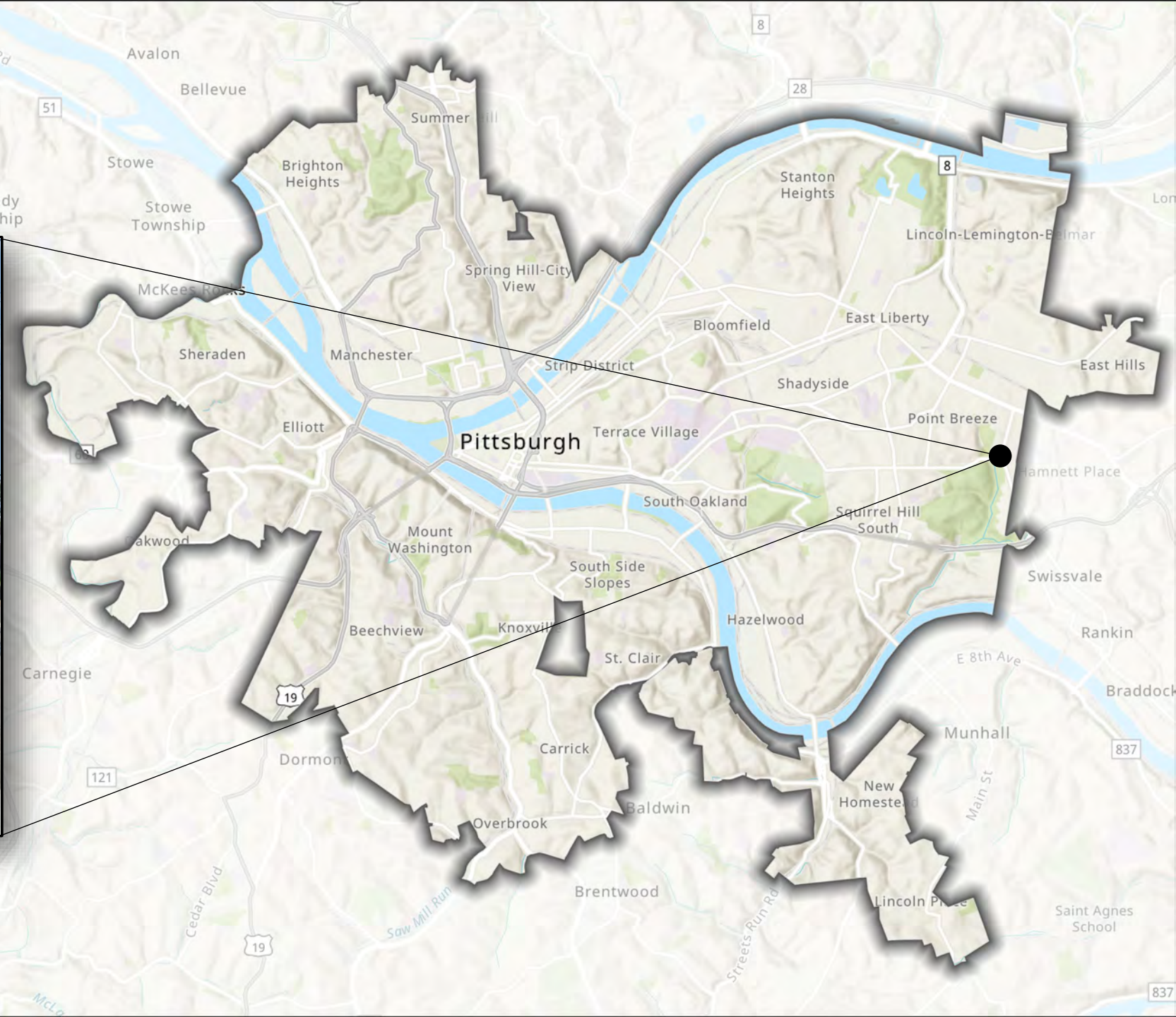
Traffic Signals

Forbes Ave & Braddock Ave



Neighborhood: Point Breeze, Regent Square

Council District: 5, 9



Traffic Signals

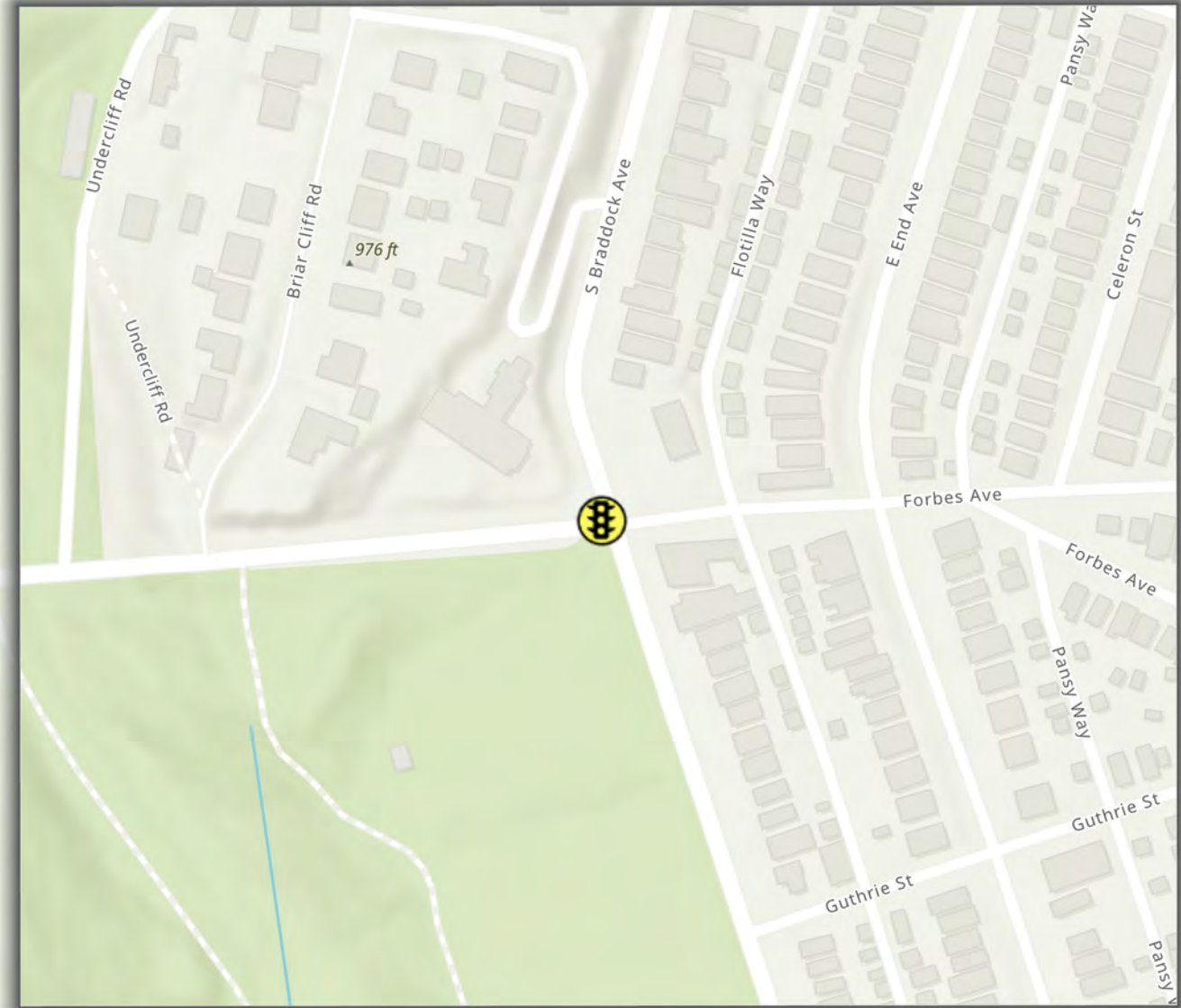
Forbes Ave & Braddock Ave

J40 Community: No

High Injury Network: Yes

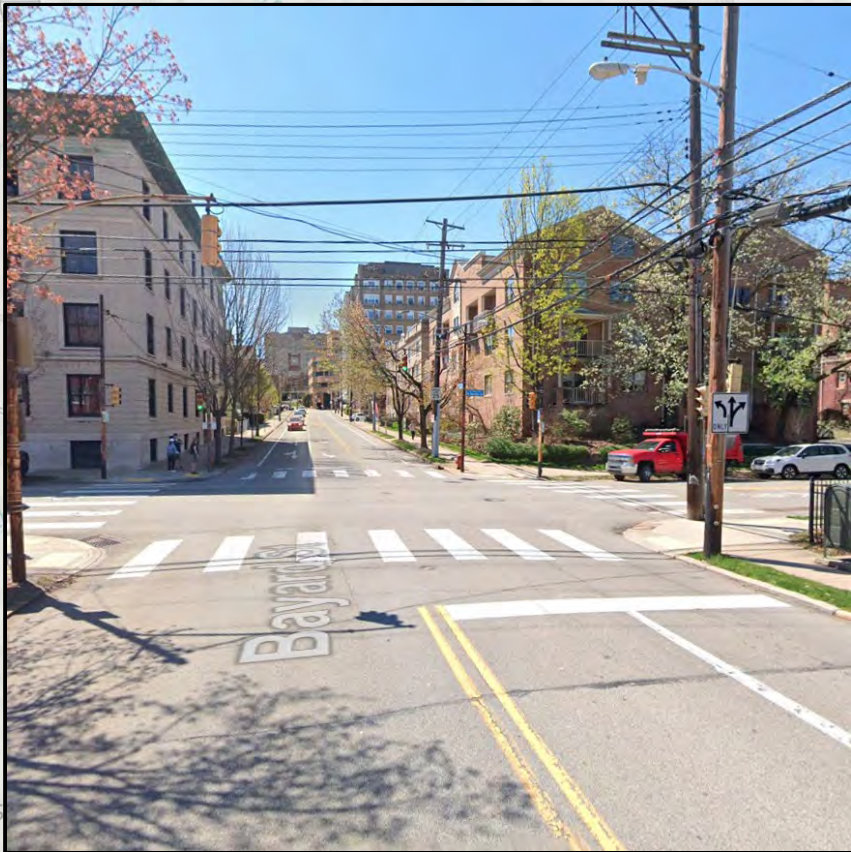
Extents: Intersection of Forbes Ave and Braddock Ave.

Project Description: Updating existing traffic signals with modern hardware and software connectivity. New pedestrian crossing infrastructure and pavement markings.

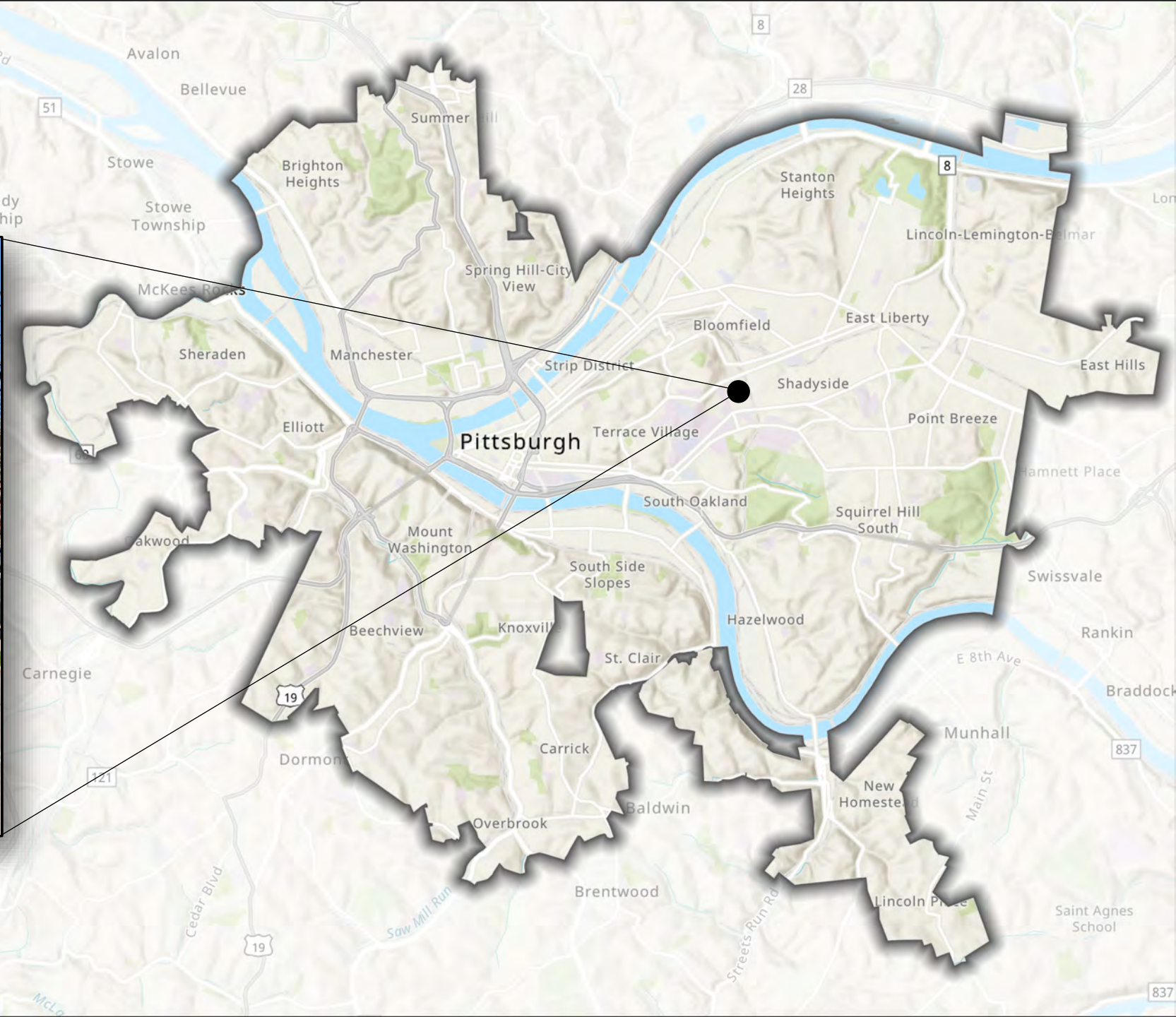


Traffic Signals

Bayard St & Neville St



Neighborhood: North Oakland, Shadyside
Council District: 8



Traffic Signals

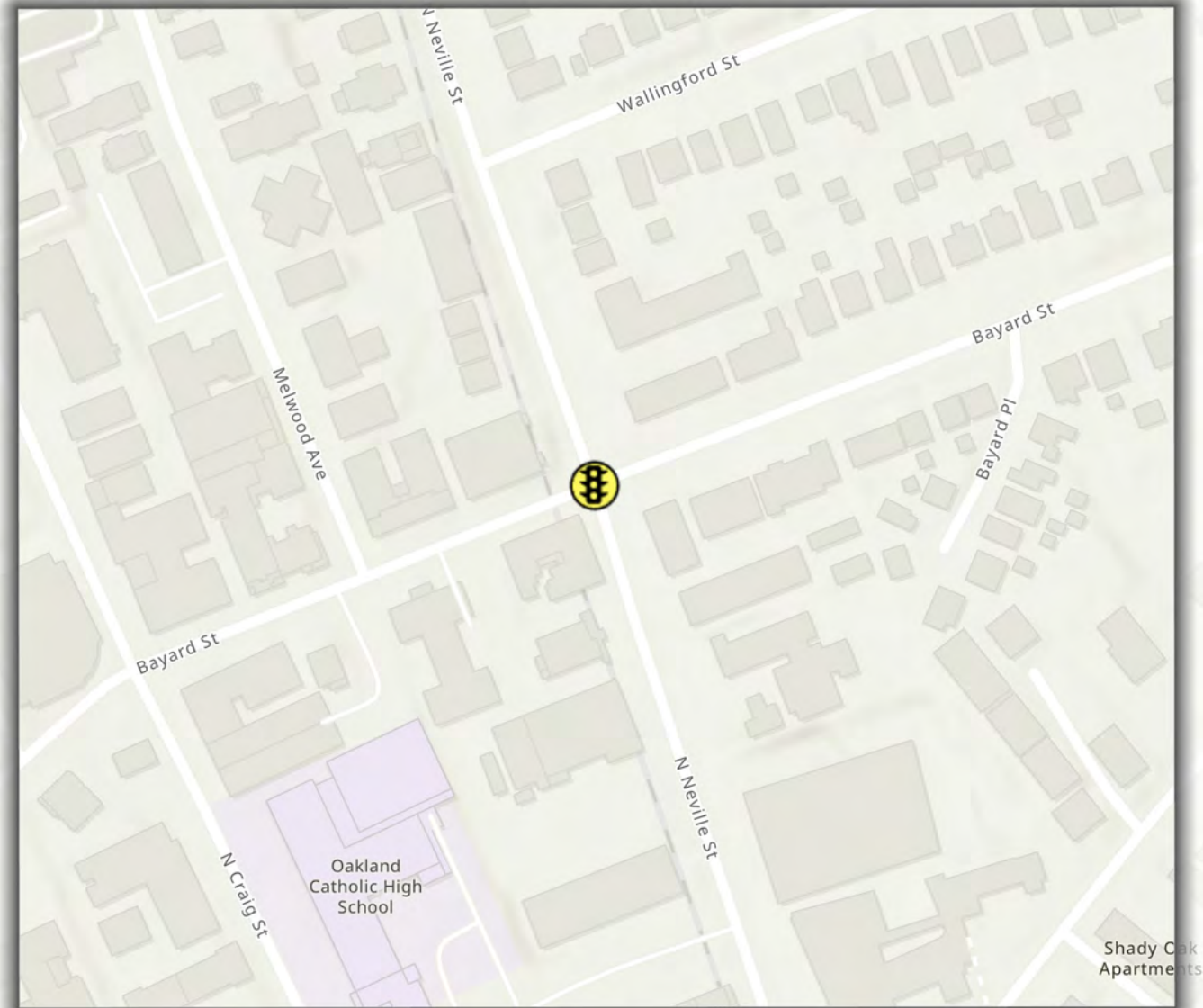
Bayard St & Neville St

J40 Community: No

High Injury Network: Yes

Extents: Intersection of Bayard St and Neville St.

Project Description: Updating existing traffic signals with modern hardware and software connectivity. New pedestrian crossing infrastructure and pavement markings.



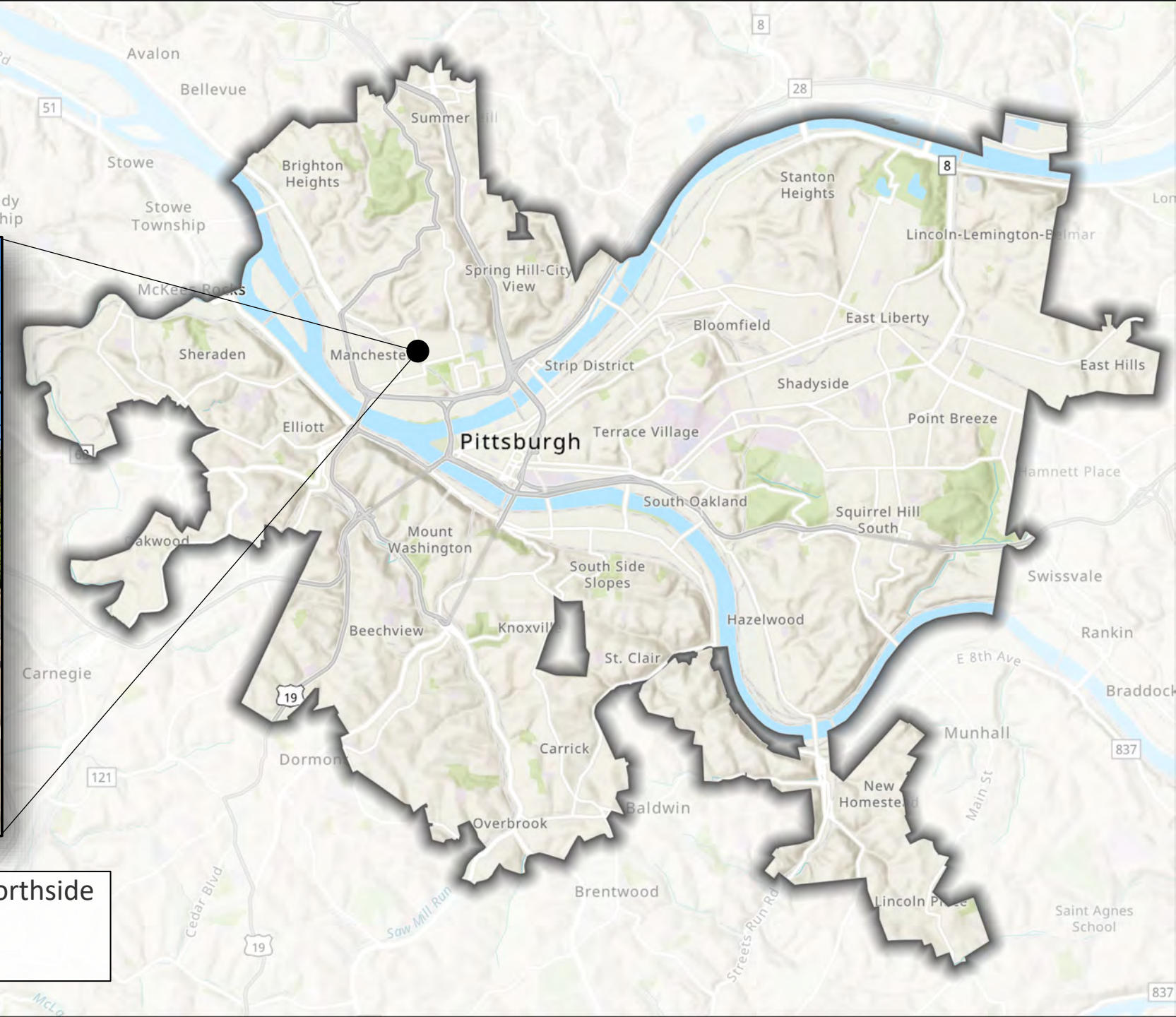
Traffic Signals

Brighton Rd & Jacksonia St



Neighborhood: California - Kirkbride, Central Northside

Council District: 1



Traffic Signals

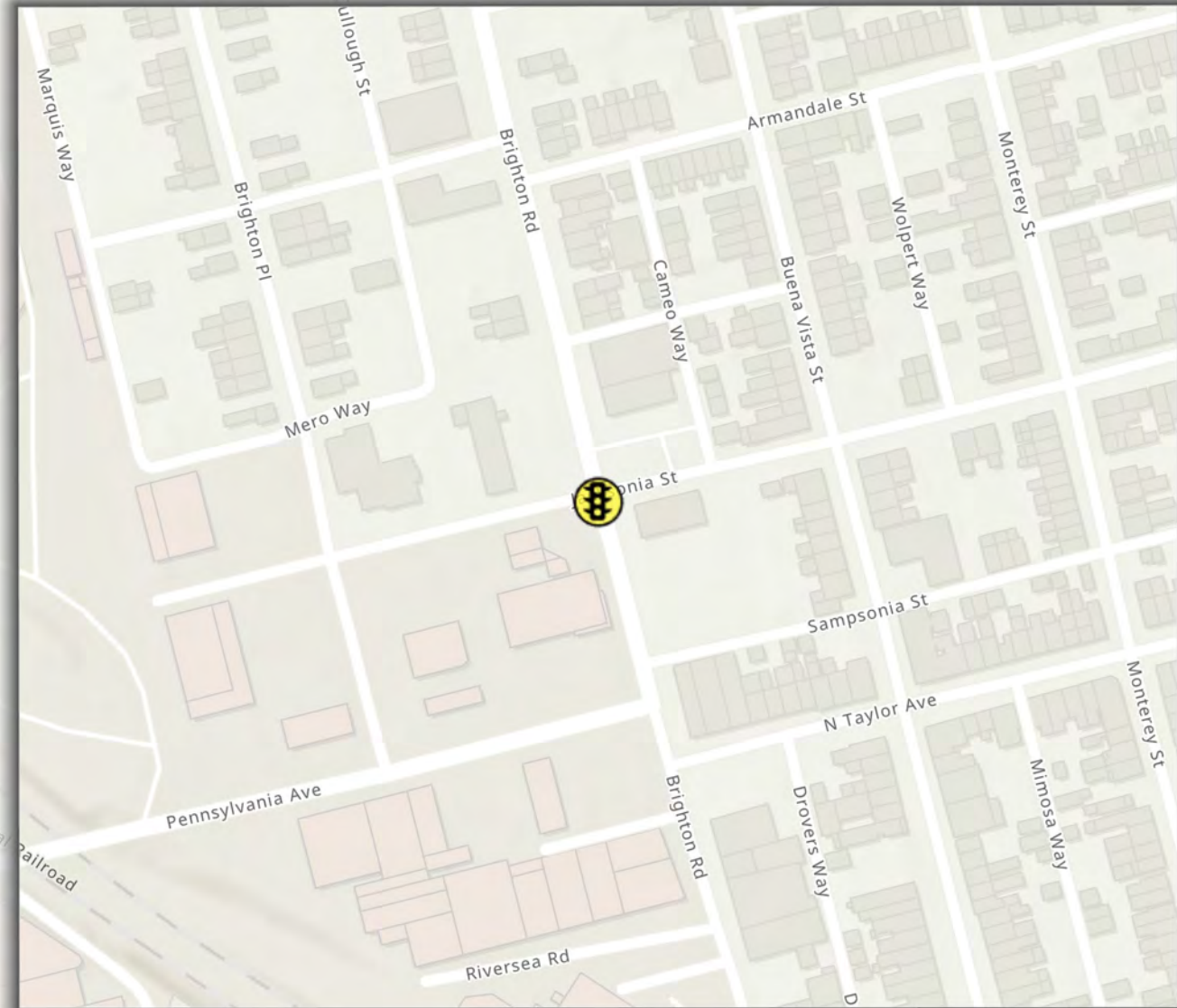
Brighton Rd & Jacksonia St

J40 Community: Yes

High Injury Network: Yes

Extents: Intersection of Brighton Rd and Jacksonia St.

Project Description: Updating existing traffic signals with modern hardware and software connectivity. New pedestrian crossing infrastructure and pavement markings.



Bridges



This program manages the inspection, maintenance, repairs, and modernization of the 145 bridges owned by the City of Pittsburgh.

The topography of Pittsburgh makes our bridges an essential component of connectivity and accessibility for our communities.



Charles Anderson Bridge

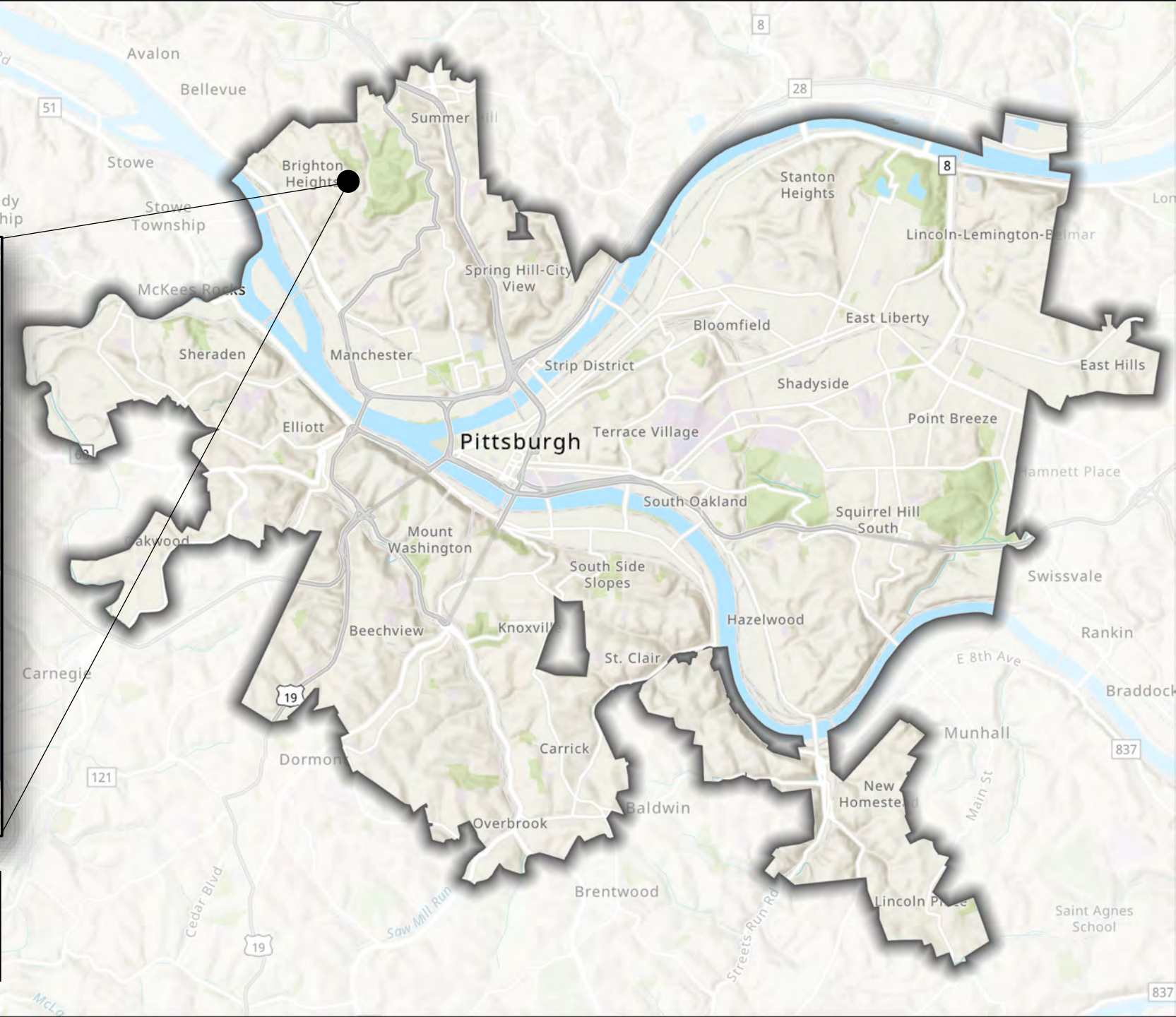
Bridges

Davis Avenue



Neighborhood: Brighton Heights, Perry North

Council District: 1



Bridges

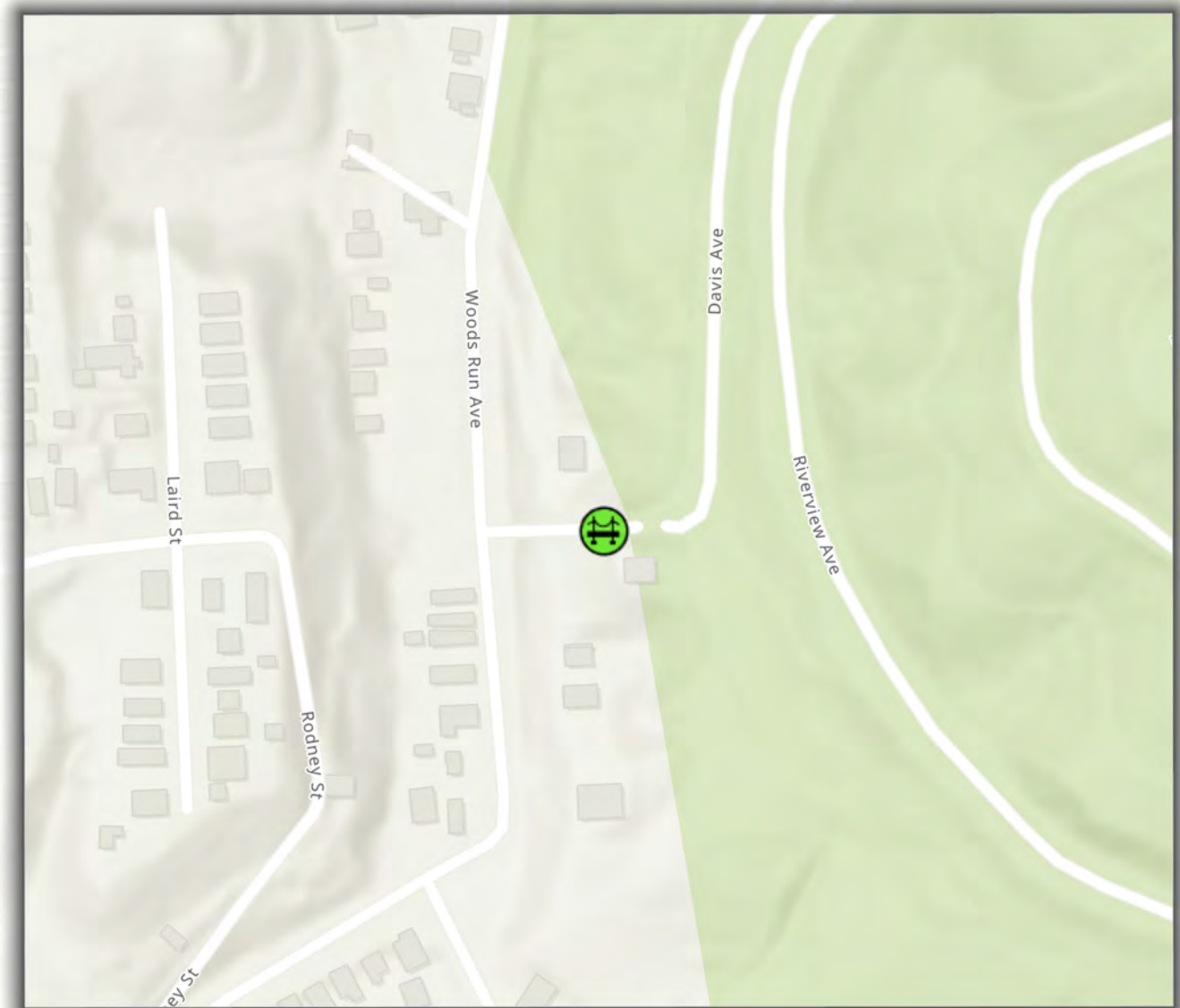
Davis Avenue

J40 Community: No

High Injury Network: No

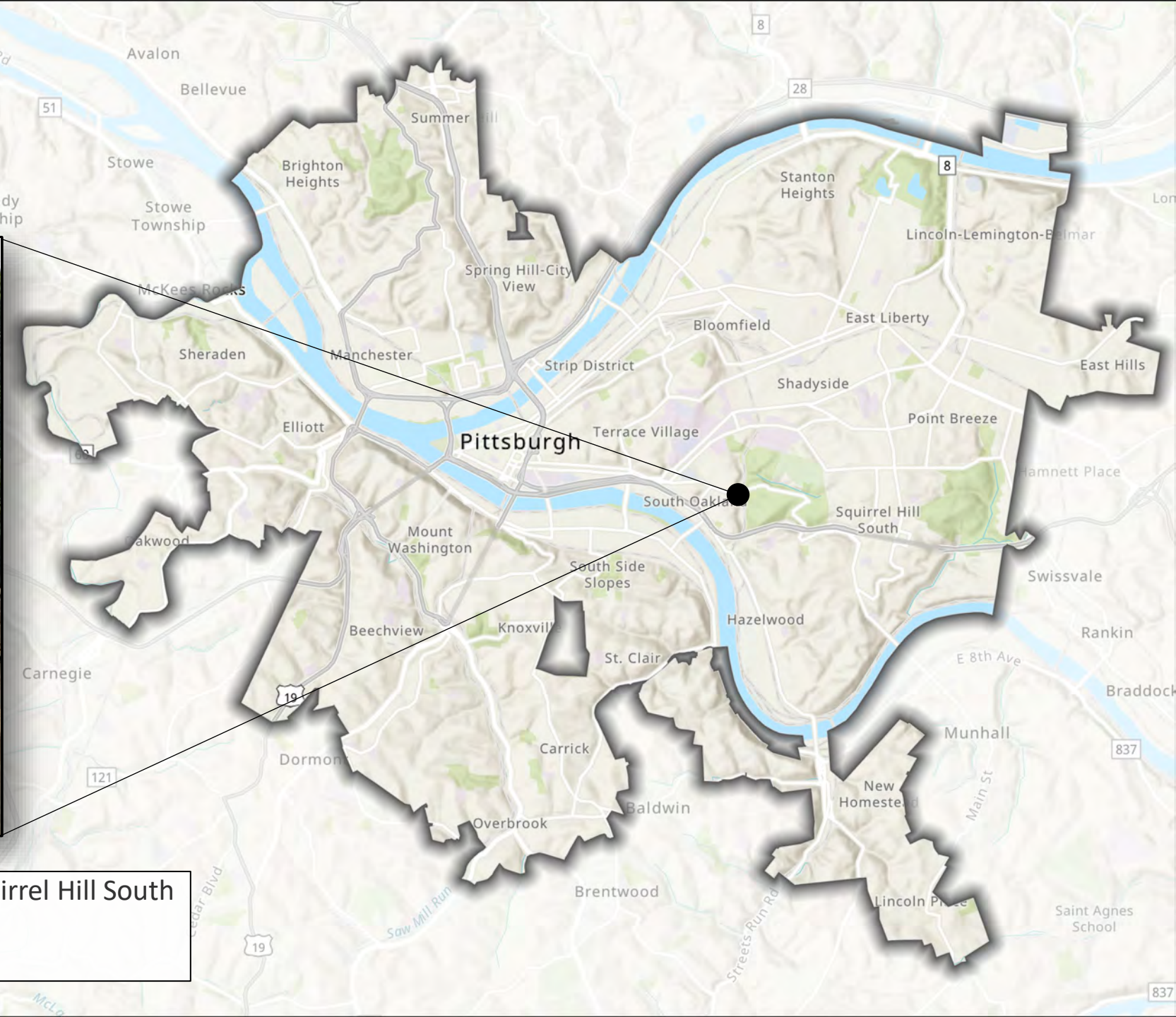
Extents: Reconnecting Davis Avenue to Riverview Park.

Project Description: Replacing a motor vehicle bridge that was demolished with a pedestrian and bicycle bridge.



Bridges

Charles Anderson



Neighborhood: South and Central Oakland, Squirrel Hill South

Council District: 3, 5

Bridges

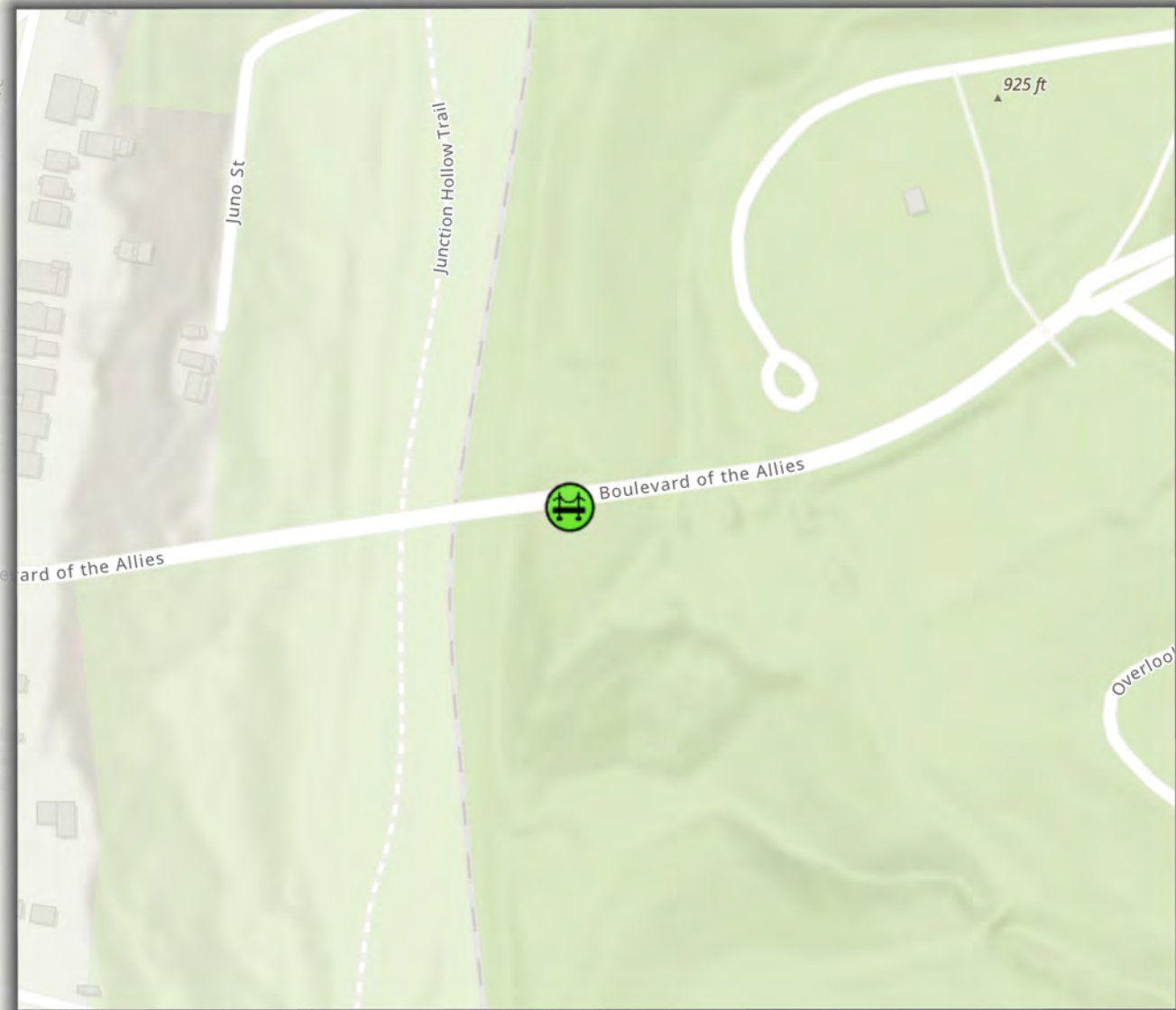
Charles Anderson

J40 Community: Yes

High Injury Network: Yes

Extents: Dawson St to Schenley Park.

Project Description: Rehabilitating aging steel structure components, resurfacing the concrete deck, and realigning lanes and flow of traffic.





Conclusions

1. Critical Sidewalk Gaps

- Approximately 7,800 ft (1.4 mi) of new or restored sidewalk.
- 8/11 (78%) projects are in J40 communities.
- 1 project is in a J40 community and on the High Injury Network (HIN).

2. Neighborhood Traffic Calming and Safety

- Approximately 36,500 linear ft (6.9 mi) of streets will be effected by traffic calming treatments.
- 9/12 (75%) projects are in J40 communities.
- 5/12 (42%) projects are on the HIN.
- 3/12 (25%) projects are both in a J40 community and on the HIN.

3. Traffic Signals

- 8/8 (100%) of projects are on the HIN.
- 5/8 (63%) of projects are both in J40 community and on the HIN.

5. Bridges

- 1/2 (50%) of projects are both in J40 community and on the HIN.

All programs combined:

- J40 Communities - 23/33 (70%)
- HIN - 15/33 (45%)
- Both J40 & HIN - 10/33 (30%)