

Our Mission

Scenic Hudson preserves land and farms and creates parks that connect people with the inspirational power of the Hudson River, while fighting threats to the river and natural resources that are the foundation of the valley's prosperity.



**SCENIC
HUDSON**

land ■ parks ■ advocacy

The Poughkeepsie Northside Pedestrian Needs Assessment



Origins

- Why the project was started
 - Poughkeepsie as a “walking city”
 - Observed poor sidewalk conditions on the Northside
 - EJ/Human rights issue
 - Scenic Hudson’s Urban Initiative
- Thanks to DC Planning and Development, City of Poughkeepsie

Origins

- Goals
 - Improve walking conditions
 - Help the City of Poughkeepsie prioritize sidewalk repairs and intersection improvements
- Northside Collaborative
 - About 30 stakeholder groups
 - Goal: improve quality of life, safety and cleanliness in the Fall Kill corridor
 - Connect neighborhoods, Main Street, parks, schools, churches, community centers,

The Class and the Collection Process

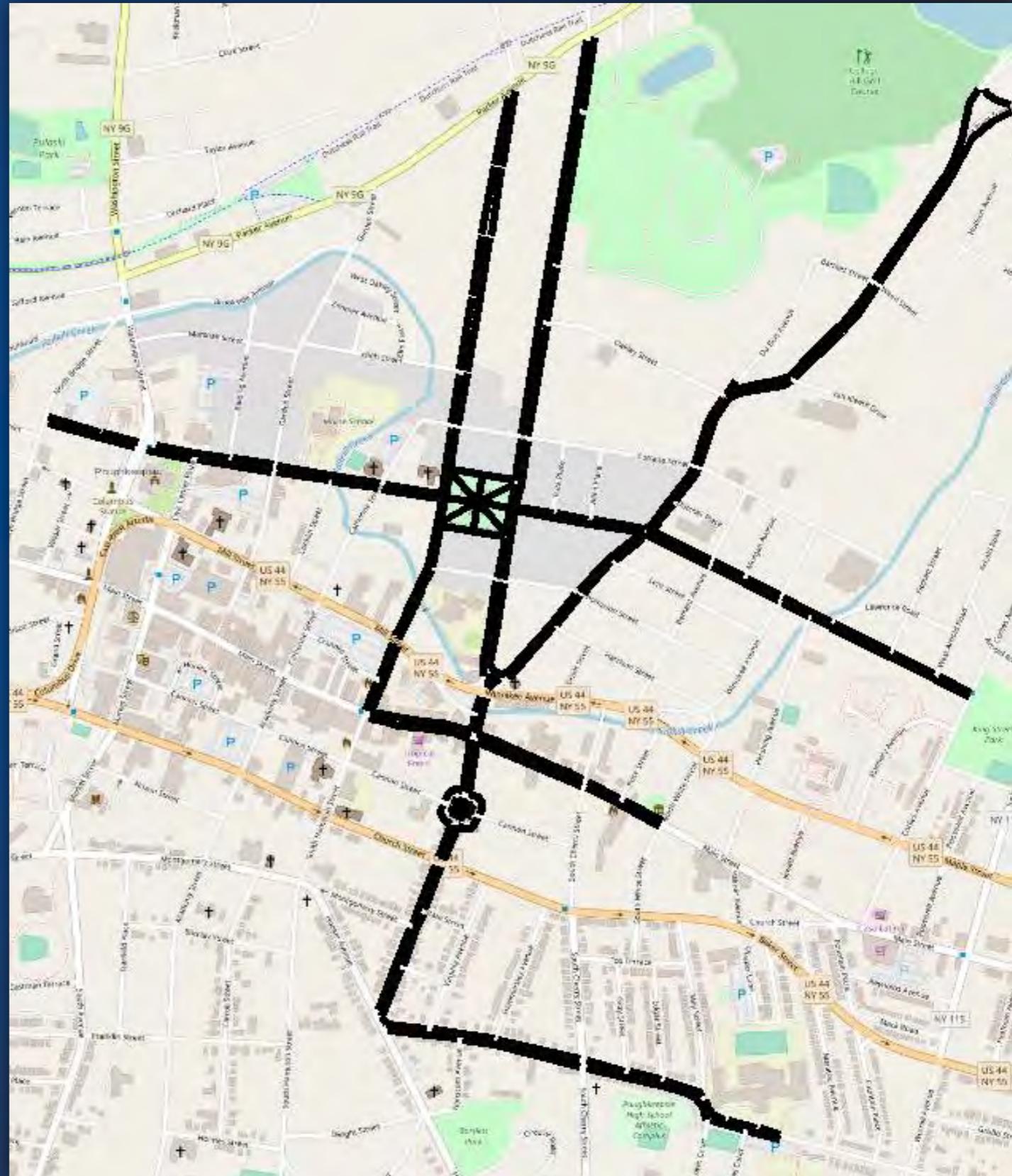
- Environmental Planning (ENSC420)
 - Data collection
 - Report writing
 - GIS mapping
- Collector app from ESRI
 - Surveyed all or parts of five streets

Features Studied

- ***Sidewalks*** (general conditions and specific issues)
- Intersection related: ***curb ramps, crosswalks, pedestrian signals.***
- Amenities: ***street trees, street lights, pedestrian signs.***
- Other notable features

Surveyed Areas

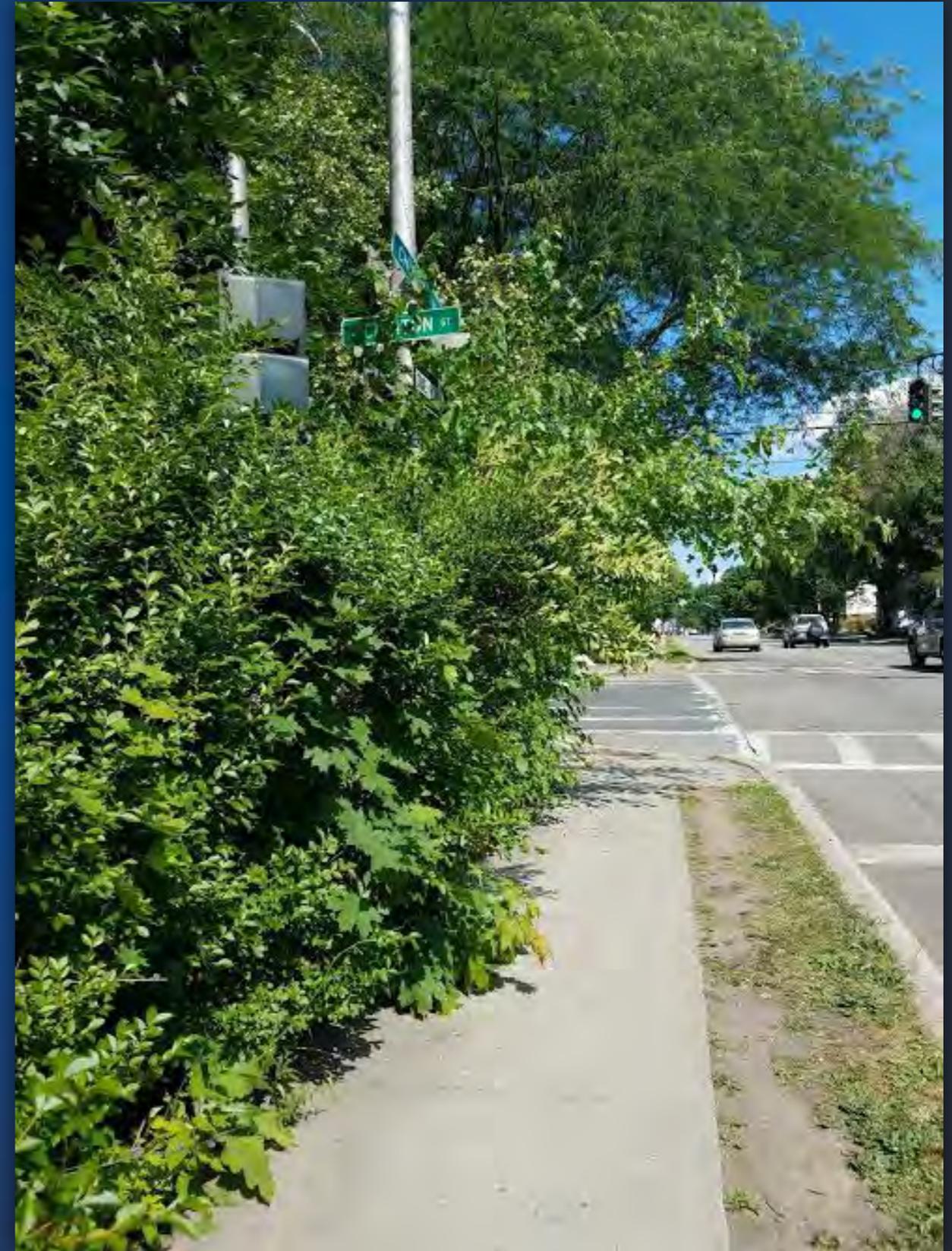
- Phase 1:
 - **North & South Clinton:** 1.36 miles
 - **Mansion:** 1.3 miles
 - **North Hamilton:** 0.8 miles
 - **Forbus:** 0.5 miles
 - **Main:** 0.5 miles
- Phase 2:
 - **Smith:** 1 mile



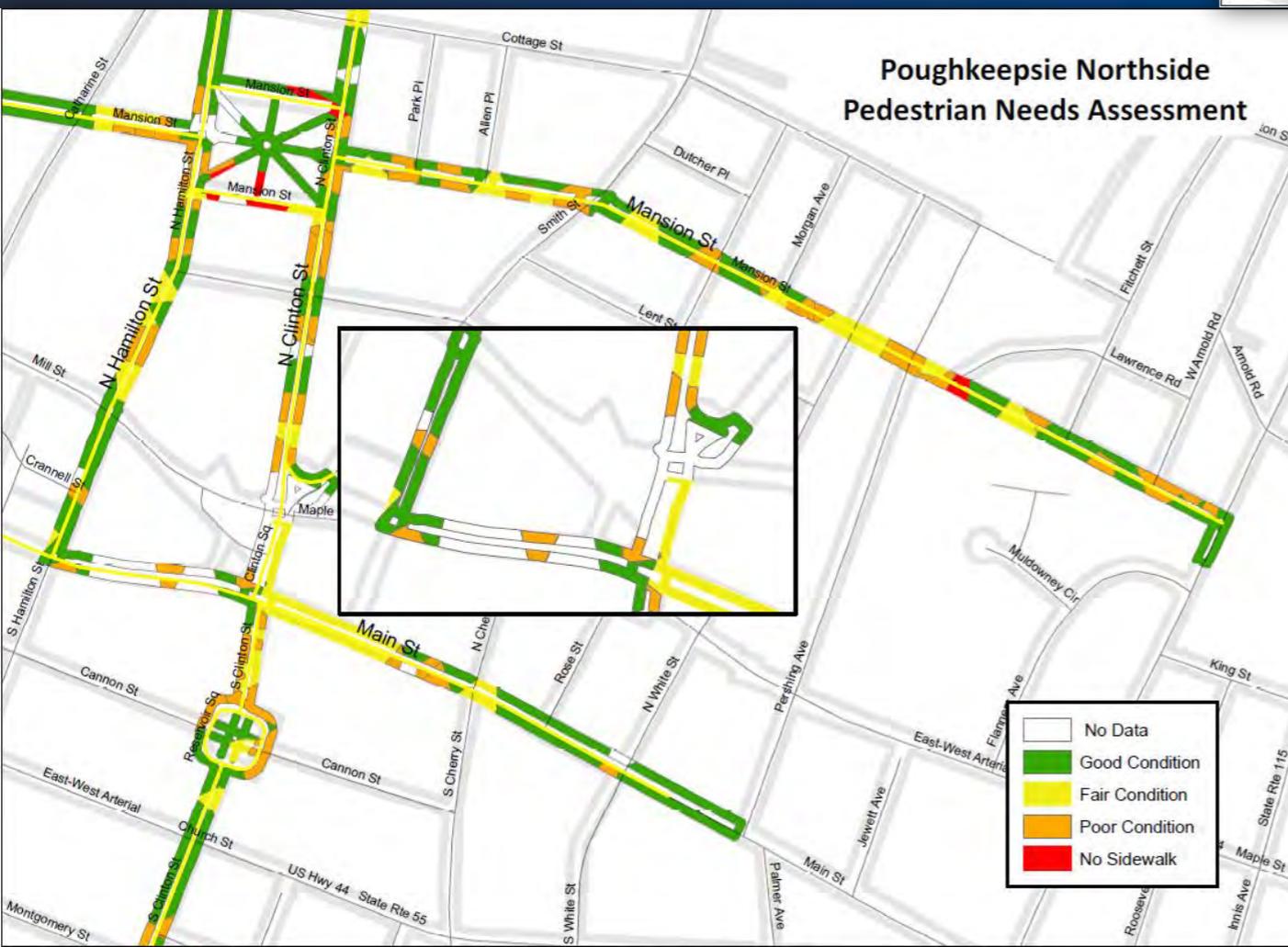
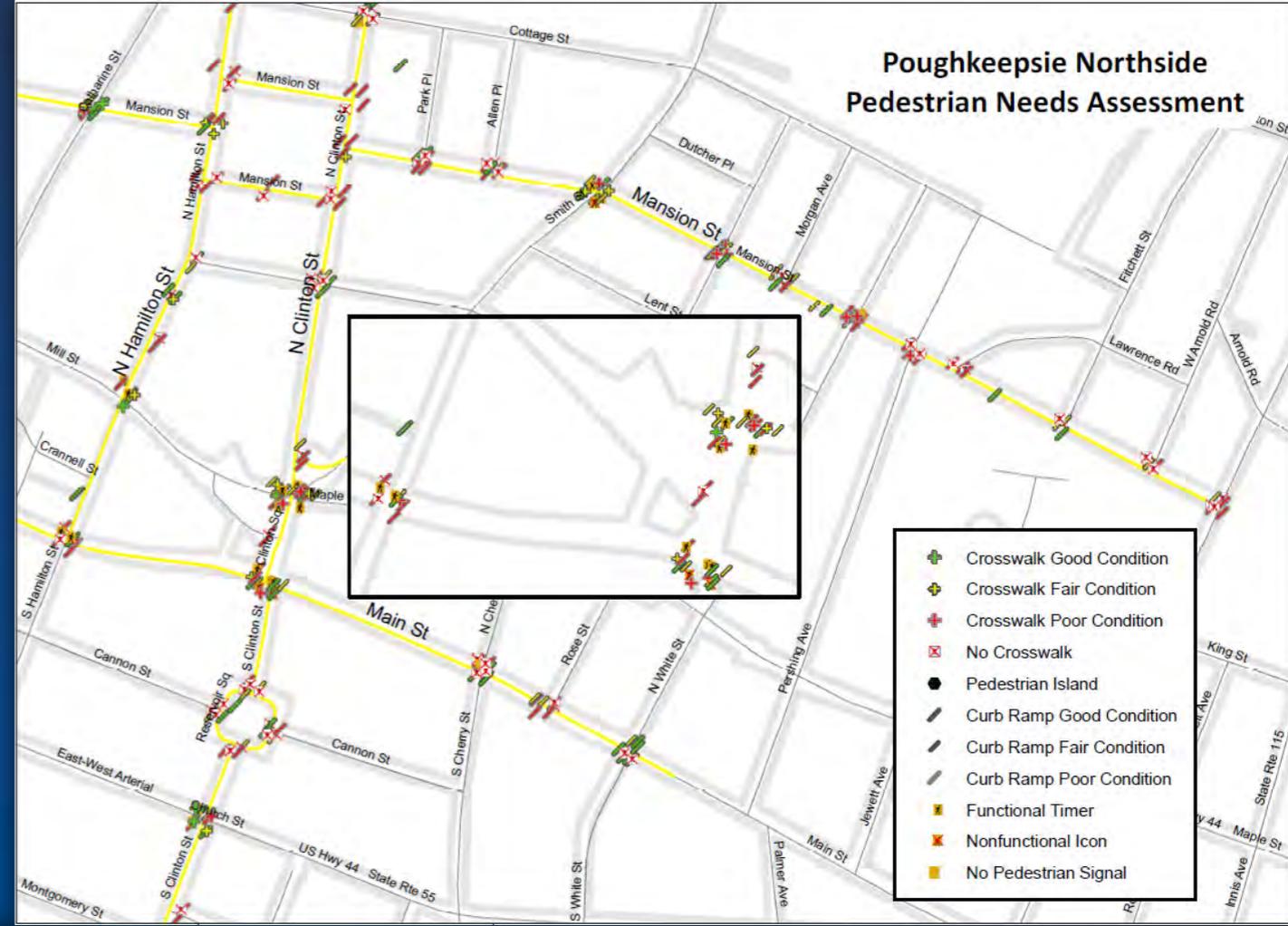
Examples of Issues



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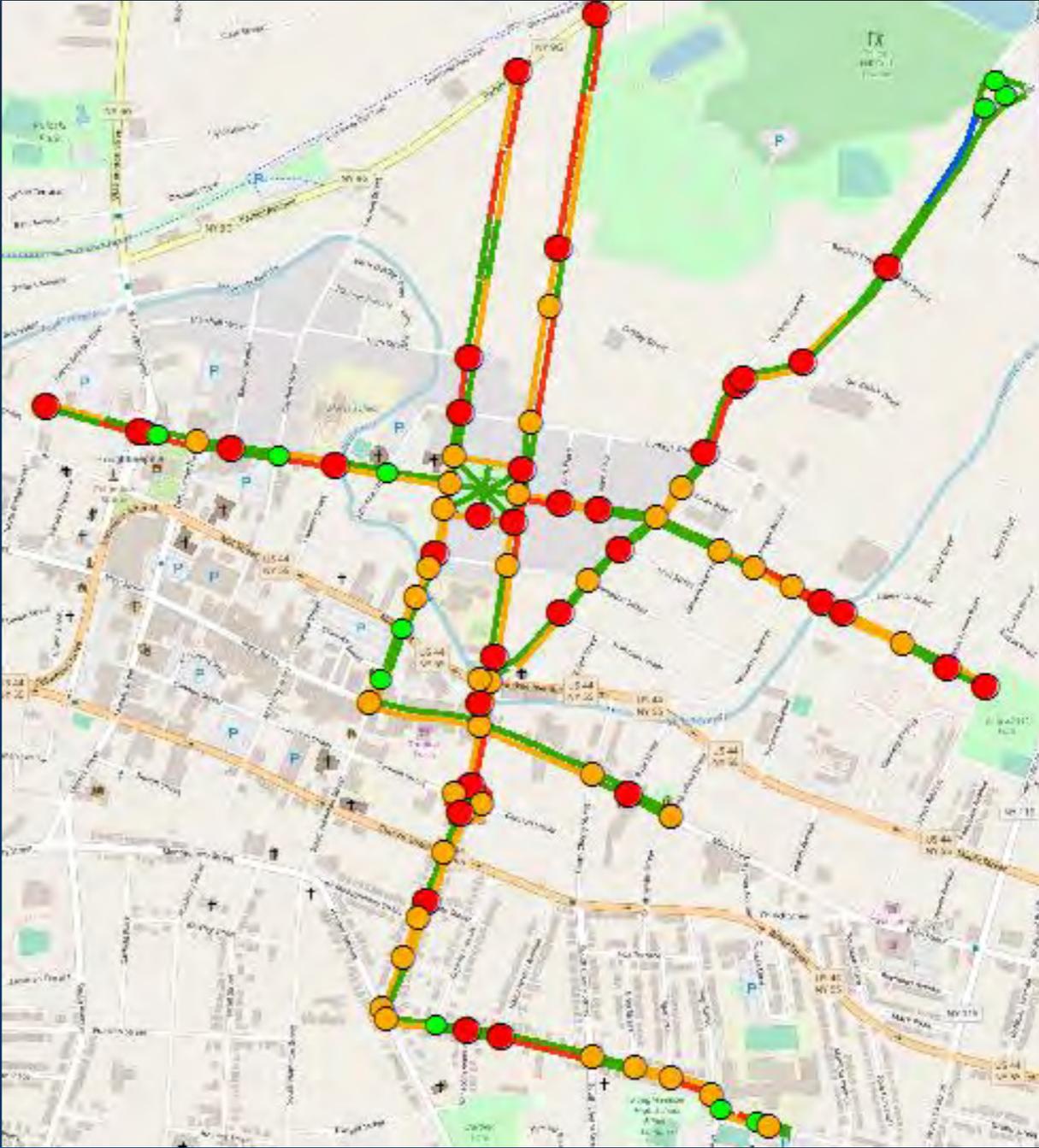


First Draft Maps



Separate maps for sidewalk conditions and intersections

Second Draft Maps



Revised methodology



Results

- Intersections biggest problem
- Forbus most good intersections, Smith most poor
- Main most good sidewalks, Clinton most poor
- General lack of crosswalks
- Curb ramp upgrades needed, some missing

Condition	Intersections	Sidewalks
Good	14%	52%
Fair	44%	31%
Poor	42%	16%



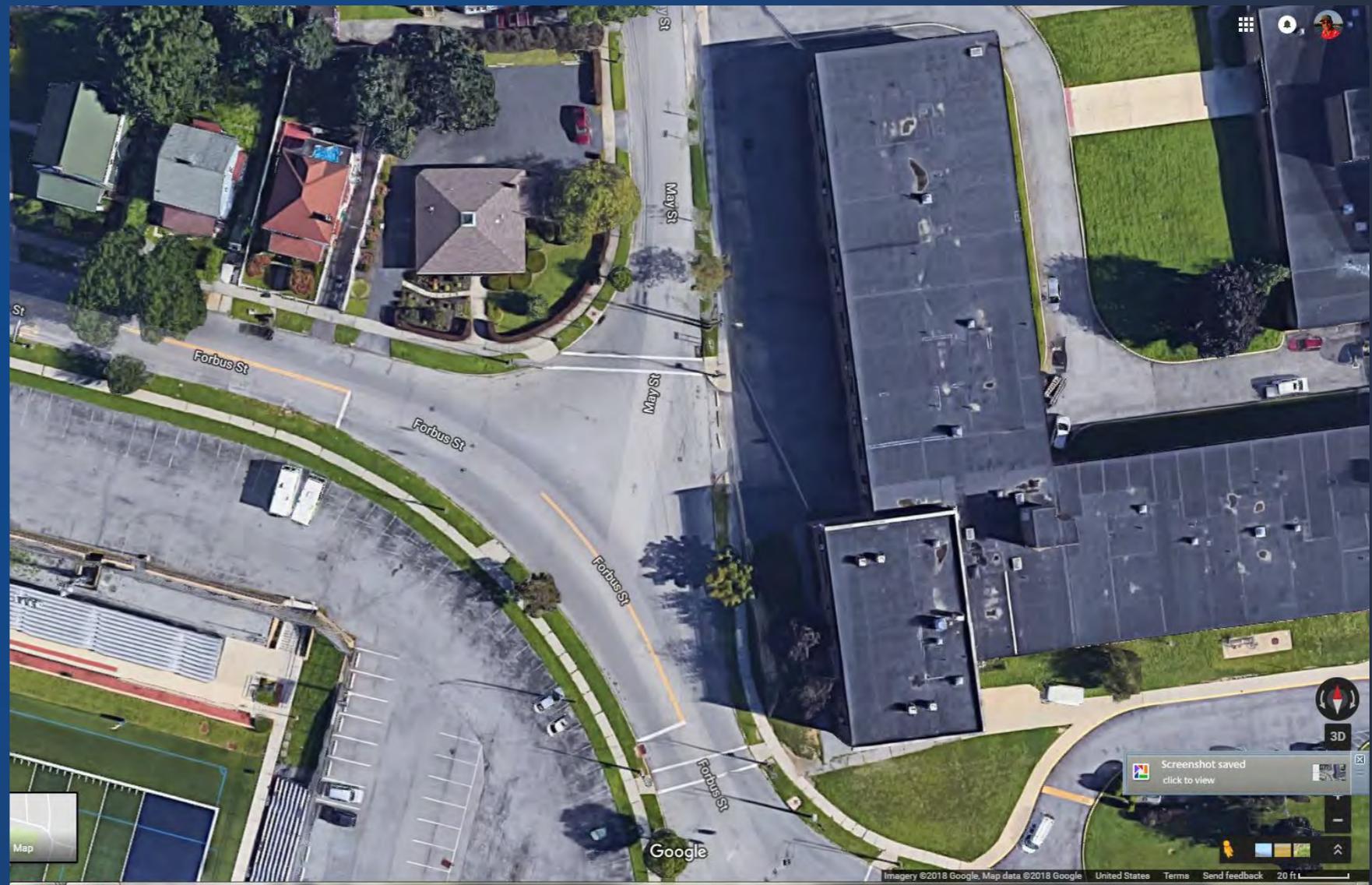
Specific Issues

- Drainage Issues
- Driveways (curb ramps & sidewalks)
- Vegetation obstruction
- Worn/deteriorating
- Cracks
- Lifts
- Pedestrian timers



Aspirational Projects

- Rain Gardens
- Forbus & May
- Cottage St. & Smith St



Challenges in Original Process

- Seasonal issues
- Scheduling data collection
- Engaging others
- Representing point data as linear features
- Ambitious geographic scope

Challenges in Editing

- Variability in the data
- Summarizing
- Communication
- Technical and skill based challenges



Lessons Learned

- Scope project realistically
- Clearly define terms
- Avoid subjectivity
- Be mindful of seasonal variability
- Be methodical and purposeful in data collection
- Design the survey to capture the features you're looking to assess

Next Steps

- Present to Common Council
- Improve app
- Use updated methodology
- Expand to other streets
- Engage others



Thank you Questions?

