

# Complete Streets Technical Assistance Program

## Crime Prevention Through Environmental Design (CPTED) Educational Webinar:

Naaman Williams Park, Franklin Township, NJ

August 2020



North Jersey Transportation Planning Authority

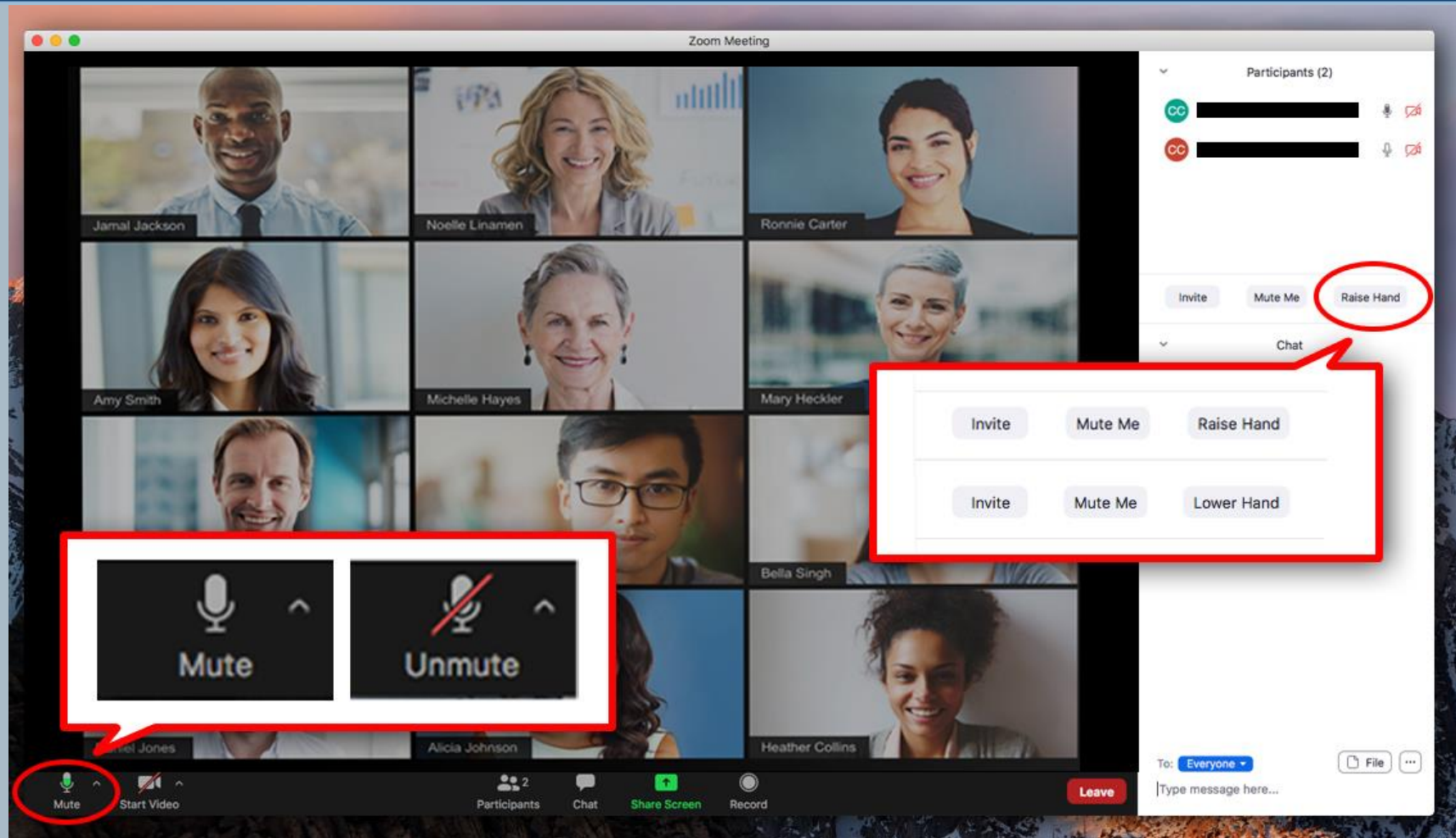


# Workshop Overview

- Housekeeping Issues
- Introductions
- NJTPA Complete Streets Technical Assistance Program
- Naaman Williams Park Project Background and Purpose
- Crime Prevention Through Environmental Design Overview
- **Interactive Exercise:** Naaman Williams Park CPTED Assessment
- CPTED Audit and Site Assessment Checklist
- Questions and Next Steps



# Housekeeping



Welcome to Zoom!



# Introductions

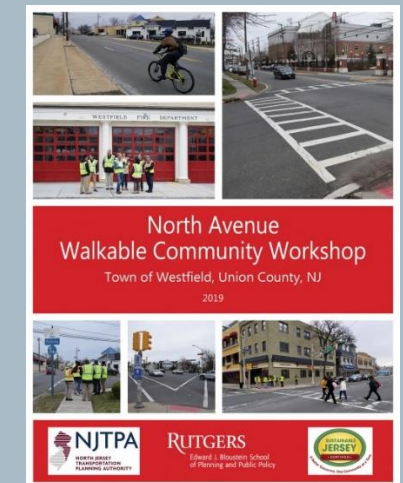
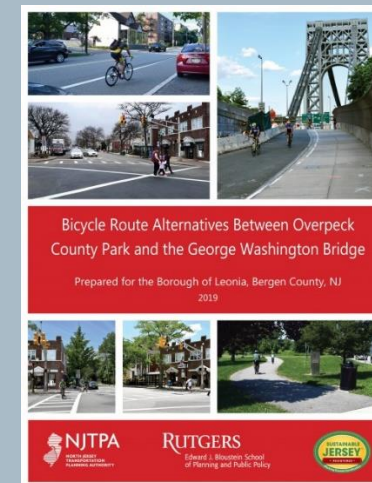
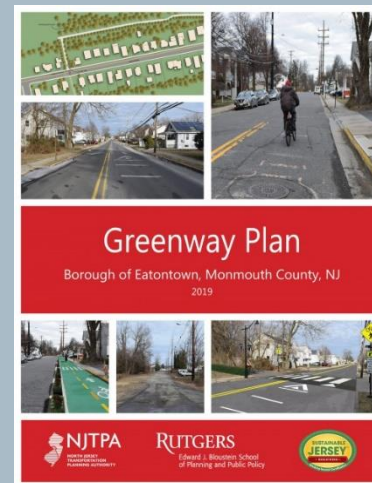
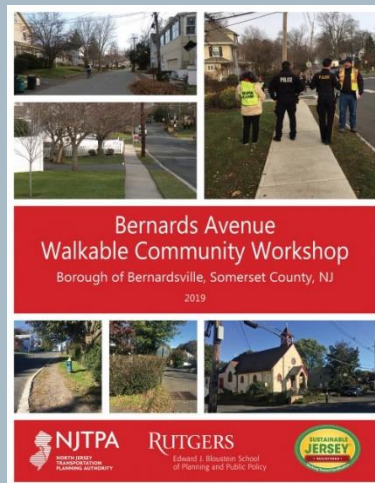
- Project Partners
- First and Last Name
- Organizational Affiliation
- Length of Franklin Township Residency
- Familiarity with Naaman Williams Park





# NJTPA Complete Streets Technical Assistance (CSTA) Program Overview

- CSTA Program Background
  - 9 communities in 2019
  - 8 communities in 2020
  - Complete Streets and CPTED





# CPTED Literature Review

- Evidence to support increasing walking, biking, and park use through CPTED:
  - Active Transportation
  - Trails
  - Parks and Open Space
  - Community Engagement and Leadership Models





# NAAMAN WILLIAMS PARK PROJECT OVERVIEW

- Project Purpose
- Project Description
- Project Tasks:
  - Background Technical Memo
  - CPTED Educational Webinar
  - Two-phase CPTED Audit & Site Assessments
  - CPTED Community Survey
  - CPTED Municipal Webpage
  - Final Report & Recommendations





# QUESTIONS





# Crime Prevention Through Environmental Design (CPTED) Overview:

*1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> generation CPTED key concepts and  
applications*



# DISCLAIMER

**No CPTED recommendations can positively ensure or guarantee a crime free environment.**



# Crime Prevention Through Environmental Design (1<sup>ST</sup>)

- CPTED is defined as "the **proper design** and **effective use** of the built environment that can lead to a reduction in the fear and incidence of crime and improvement in the quality of life." – C. Ray Jeffrey (1971)





# Crime Prevention Through Environmental Design (1<sup>ST</sup>)

- The goal of CPTED is to reduce opportunities for crime that may be inherent in the design of structures or in the design of neighborhoods.





# Crime Prevention Through Environmental Design (1<sup>ST</sup>)

- CPTED is a multi-disciplinary approach to deterring criminal behavior. It incorporates principles from:
  - Planning
  - Architecture
  - Landscape Architecture
  - Law Enforcement
  - Engineering





# Crime Prevention Through Environmental Design (1<sup>ST</sup>)

- Major Benefits of CPTED include:
  - Reduction in crime and the potential for crime
  - Perceived greater safety and security
  - Improvement and beautification of the physical environment
  - Improved quality of life
  - Revitalization and preservation of neighborhoods
  - Increased business activity





# Crime Prevention Through Environmental Design (1<sup>ST</sup>)

- Major Benefits of CPTED *continued*:
  - More efficient use of city personnel and equipment in crime prevention
  - City departments working toward a common goal
  - Increased communication between the city government and public





# Crime Prevention Through Environmental Design (1<sup>ST</sup>)



- 1<sup>st</sup> generation CPTED is based on these four key overlapping concepts:
  1. Natural Surveillance
  2. Natural Access Control
  3. Territorial Reinforcement
  4. Image Maintenance and Management



# CPTED: NATURAL SURVEILLANCE



- Natural surveillance is “the placement of physical features, activities, and people in a way that maximizes visibility.”
- Designing landscapes that allow clear, unobstructed views of surrounding areas



# CPTED: NATURAL SURVEILLANCE



- Decreases the threat of apprehension
- Improves visibility with lighting
- Avoid lighting that creates glare
- Avoid the creation of building entrapment areas



# CPTED: NATURAL ACCESS CONTROL



- **Natural access control means “controlling access to a site.”**
- It can be controlled by:
  - Ensuring entrances are visible
  - Defining entryways
  - Highlighting the main entrance
  - Marking public walkways/paths
  - Installing a wayfinding system



# CPTED: TERRITORIAL REINFORCEMENT



- **Territorial reinforcement**  
“refers to people’s sense of ownership.”
- The use of physical attributes that express ownership
- Examples: fencing, pavement treatments, signage & landscaping



# CPTED: MAINTENANCE & MANAGEMENT



- **Image maintenance and management** is “properly maintaining and managing a space that indicates active involvement of, and guardianship and ownership among legitimate users.”



# CPTED: MAINTENANCE & MANAGEMENT



- Allows for the continued use of a space for its intended purpose
- Serves as additional expression of ownership
- Prevents reduction of visibility from landscaping overgrowth



# Crime Prevention Through Environmental Design (1<sup>ST</sup>)

- Three additional first-generation CPTED principles:
  - **Legitimate activity support:** activities and uses that encourage legitimate users of a space.
  - **Target hardening:** physical barriers that restrict access to an area.
  - **Geographical juxtaposition:** an area's surrounding environment can influence criminal behavior and safety in that space and vice-versa.





# CPTED STRATEGIES

- Re-designate the use of space
- Improve the scheduling of space
- Provide clear border definition of controlled space
- Provide clearly marked transitional zones
- Relocate gathering areas to locations with natural surveillance
- Place safe activities in unsafe locations to promote natural surveillance
- Place unsafe activities in safe spots to overcome their vulnerability



# QUESTIONS





# Crime Prevention Through Environmental Design (2<sup>nd</sup>)

- 2<sup>nd</sup> general CPTED is not a replacement for 1<sup>st</sup> generation CPTED.
- It is focused on community building and involvement to develop their self-policing capabilities, as people who are more actively involved in their communities are more likely to respond to an unacceptable activity in their area.





# Crime Prevention Through Environmental Design (2<sup>nd</sup>)



- It is based on four principles:
  1. Social Cohesion
  2. Community Connectivity
  3. Community Culture
  4. Threshold Capacity



# CPTED: SOCIAL COHESION



- **Enhancing mutual respect and understanding** in a community along with an appreciation for diversity and differences, as a cohesive community is more likely to be able to effectively undertake collective actions.



# CPTED: COMMUNITY CONNECTIVITY



- Providing opportunities to **strengthen resident relationships**, building their ability to **develop partnerships** both within, and with external organizations.



# CPTED: COMMUNITY CULTURE



- Encouraging opportunities for a community to get together in order to **foster a sense of belonging and place**, which can make them “want” to defend their area and develop a sense of ownership.



# CPTED: THRESHOLD CAPACITY



- Maintaining a **balance in types of uses** in an environment in order to preserve a community's identity and sense of ownership.



# CPTED: INCLUSIVITY (BONUS)



- Ensures that all the members of a community feel as stakeholders, and participate in and contribute to the community activities, fostering social cohesion, connectivity, and culture.



# Crime Prevention Through Environmental Design (3<sup>rd</sup>)

- 3<sup>rd</sup> generation CPTED is defined as “adopting a holistic range of strategies addressing public health, sustainability, environment, and crime, in order to construct truly safe and high-quality environments.”





# QUESTIONS





## INTERACTIVE EXERCISE:

*Naaman Williams Park Overview and CPTED Audit & Assessment*



Naaman Williams Park, Franklin Township, NJ:

# PHOTOGRAPHICAL SITE VISIT



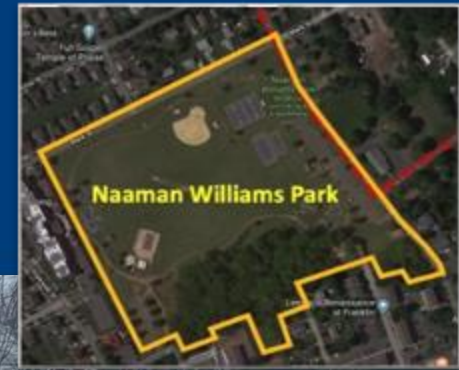




## Naaman Williams Park

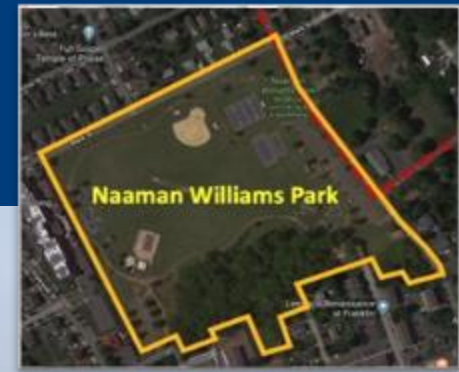


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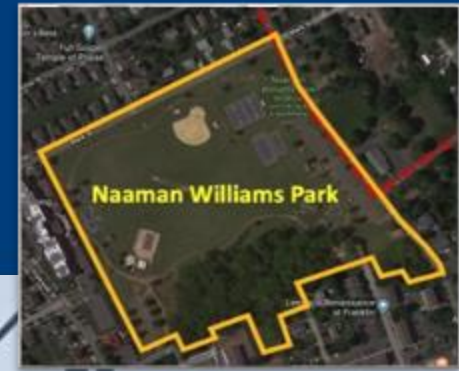


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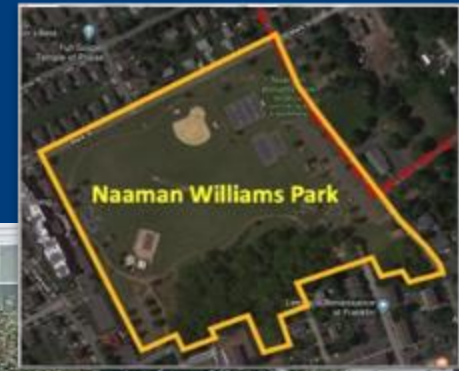


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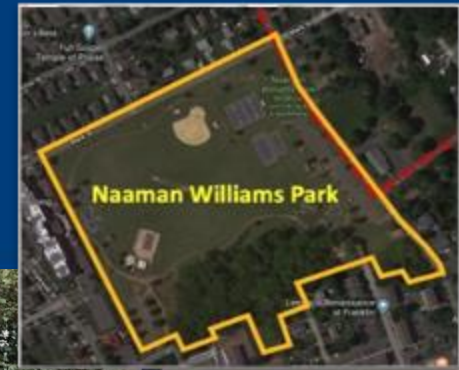


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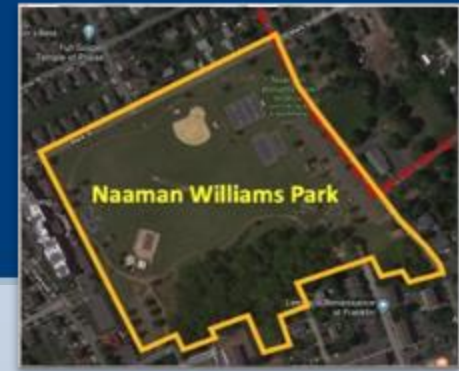


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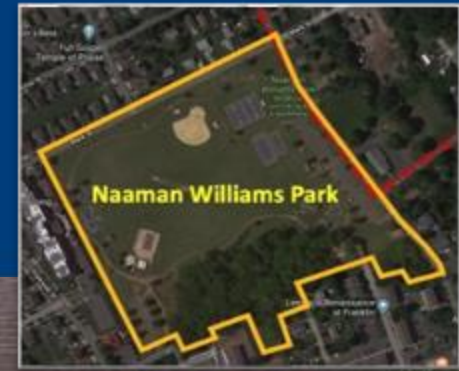


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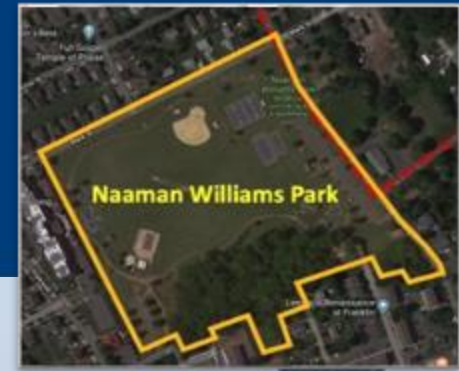


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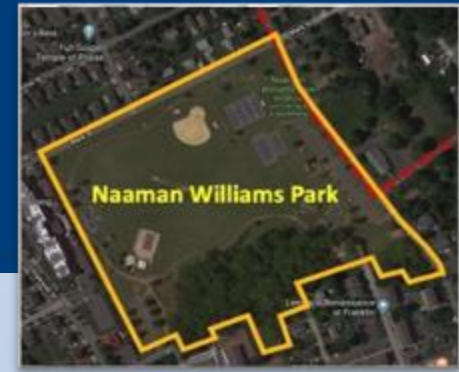


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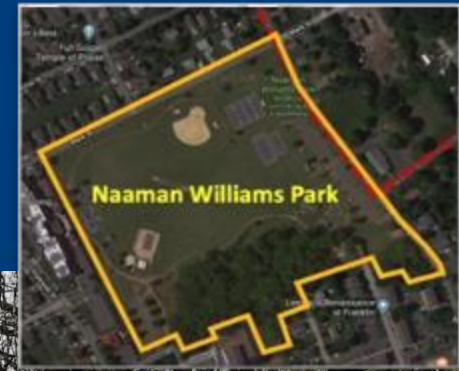


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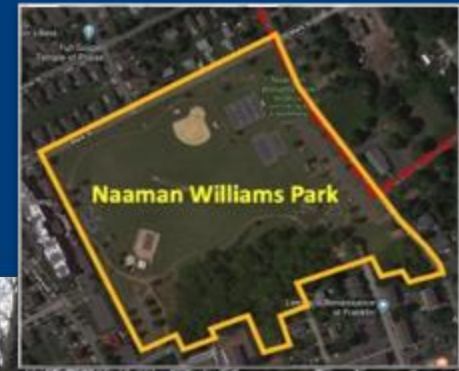


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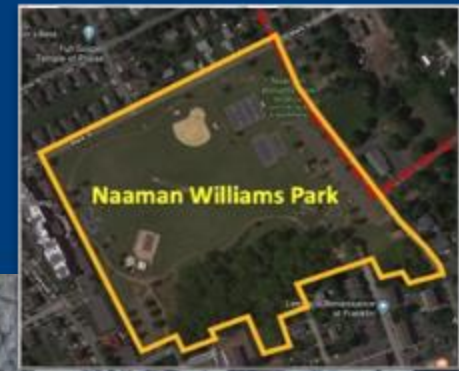


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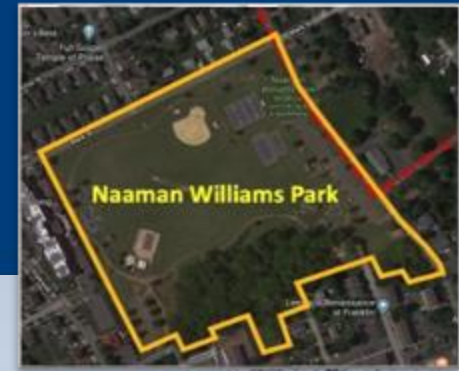


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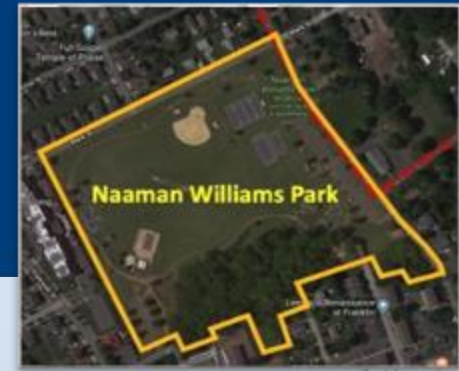


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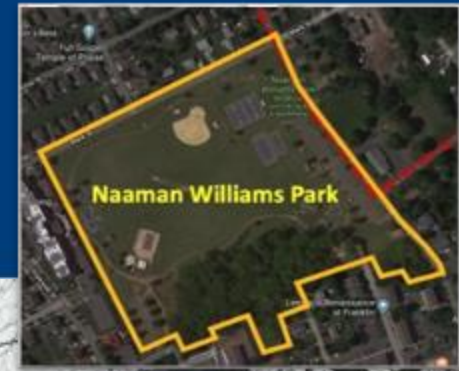


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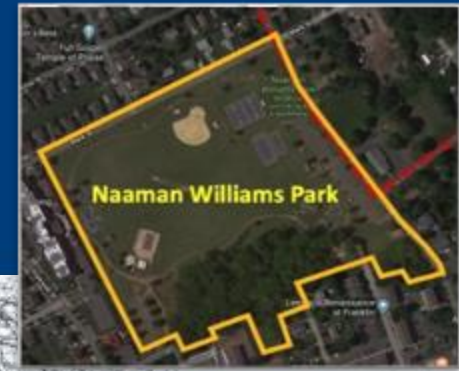


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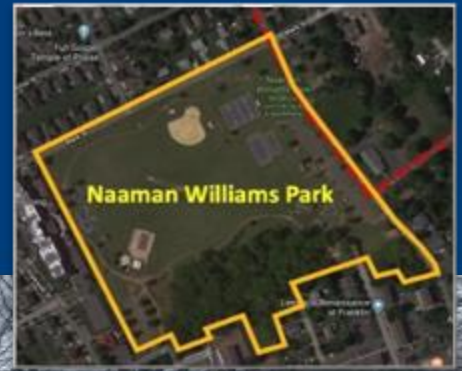


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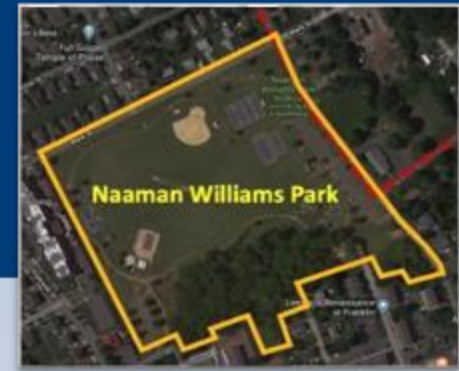


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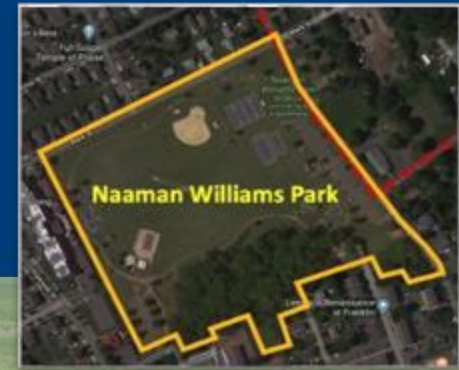


# SITE VISIT: NAAMAN WILLIAMS PARK





# SITE VISIT: NAAMAN WILLIAMS PARK



## Naaman Williams Memorial Park

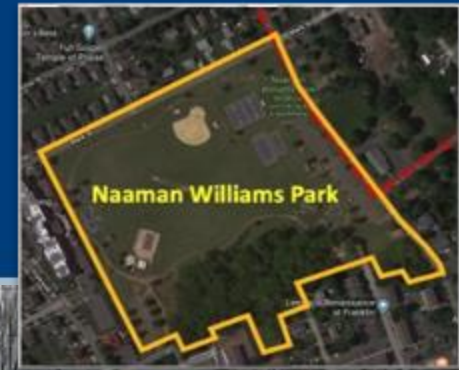
Dedicated July 29th, 1982

In recognition of Lieutenant Naaman Williams,  
Franklin Township Police Department's  
first African American Police Officer,  
who served this Township from 1949 to 1976.

Aside from his many years of community service as a Police Officer  
and member of the  
Franklin Township Policemen's Benevolent Association Local 154,  
Naaman Williams was also a civic leader whose volunteer activities included  
being involved in church, professional and youth activities.

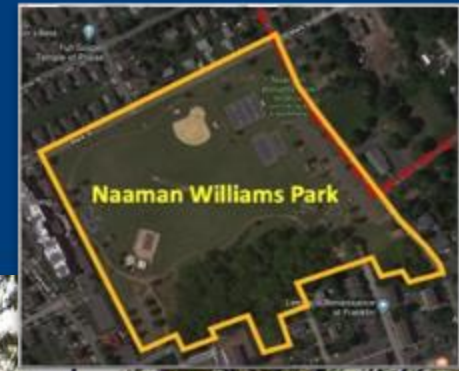


# SITE VISIT: NAAMAN WILLIAMS PARK





# SITE VISIT: LOCAL STREETS





# ZOOM BREAKOUT ROOMS

- **Zoom Breakout Room Discussion:**
  - Teams randomly assigned
  - 5 or 10 minutes per team (*time running concurrently*)
  - Keep it brief. No dominating the discussion
  - Assign one person to report out





# ZOOM BREAKOUT ROOMS

- **Questions (Please stick to general impressions):**
  - **What is your gut reaction to the park?**
    - How comfortable does the park make you feel?
    - What makes you feel this way?
  - **What is your overall reaction to the streets within the study area?**
    - What makes you feel this way?

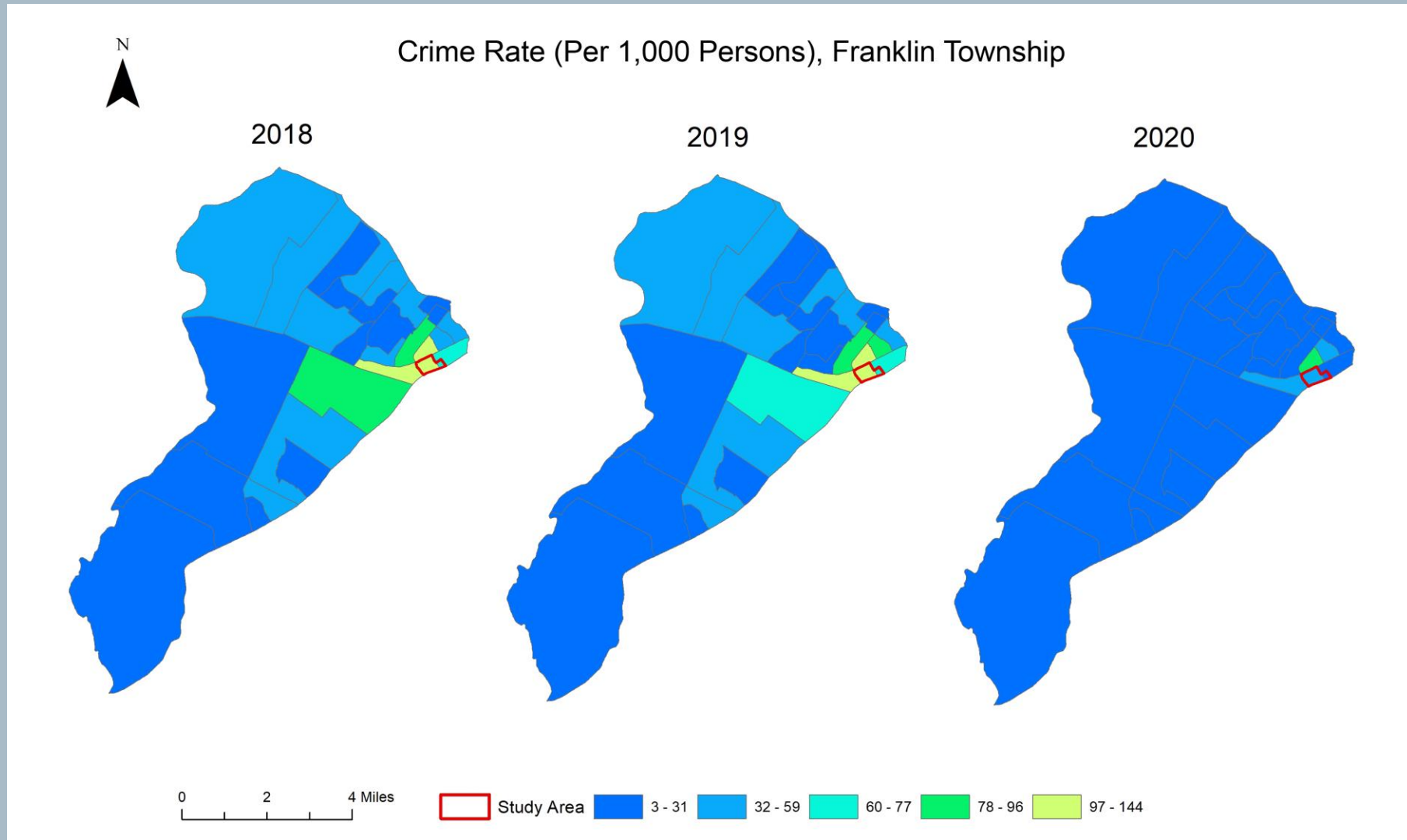


Franklin Township and Study Area:

# CRIME AND CRASH DATA OVERVIEW



# CRIME DATA: FRANKLIN TOWNSHIP

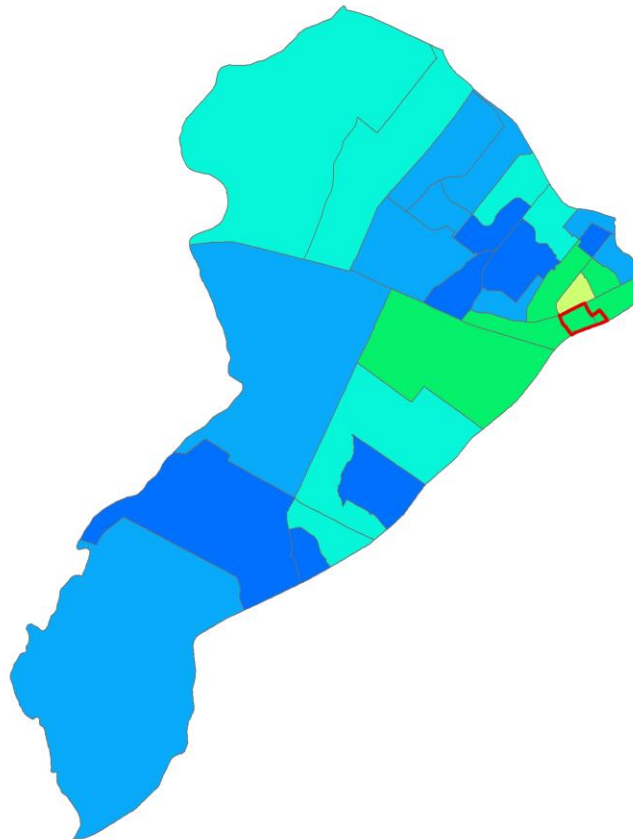




# CRIME DATA: FRANKLIN TOWNSHIP



Total Crime Rate (Per 1,000 Persons), 2018 - 2020  
Franklin Township



0 1 2 4 Miles



Study Area



30 - 53



54 - 87



88 - 131



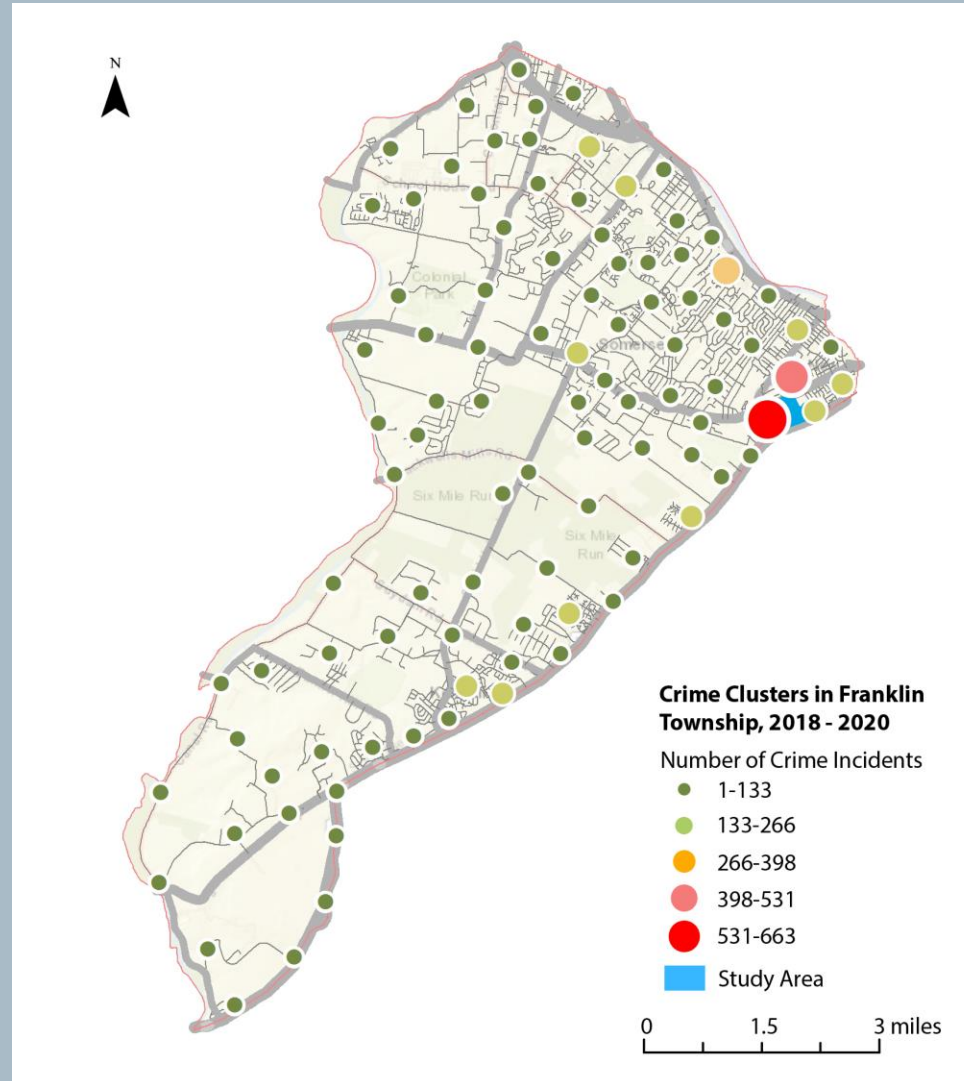
132 - 231



232 - 367

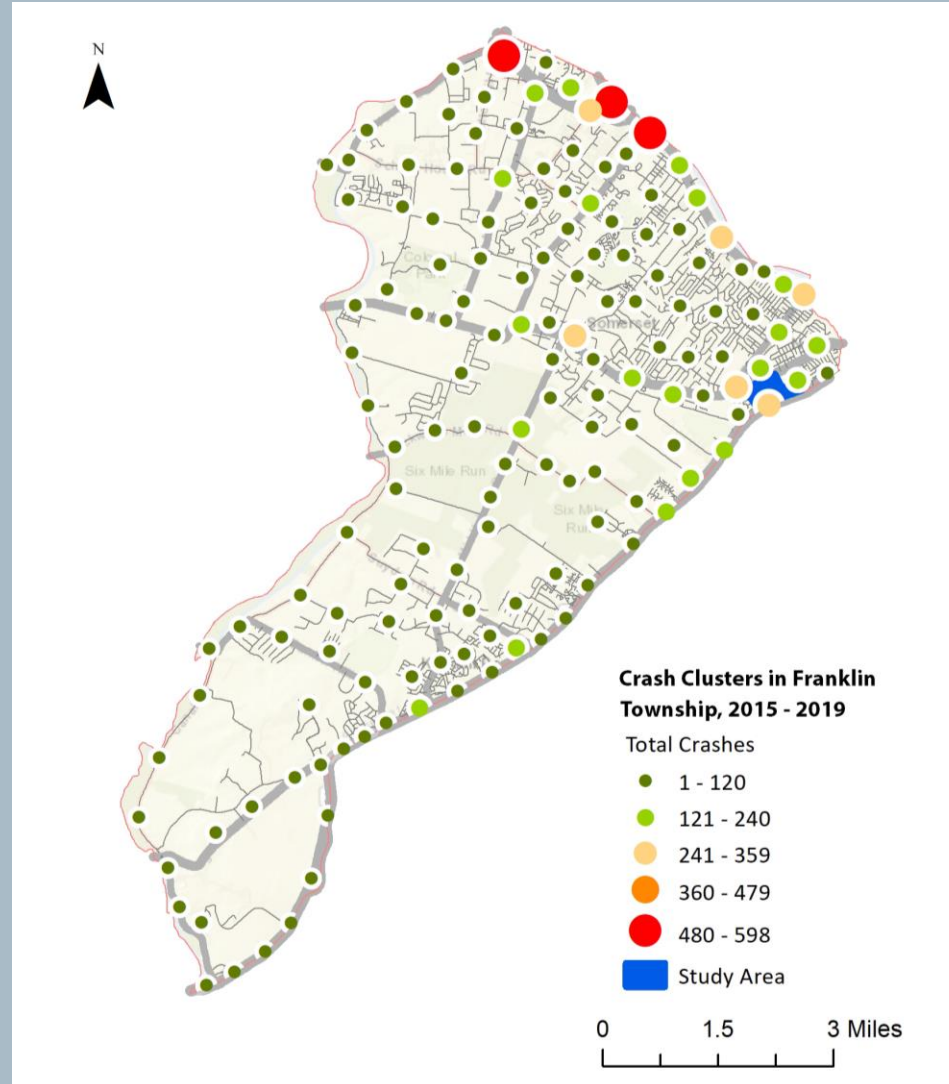


# CRIME DATA: FRANKLIN TOWNSHIP



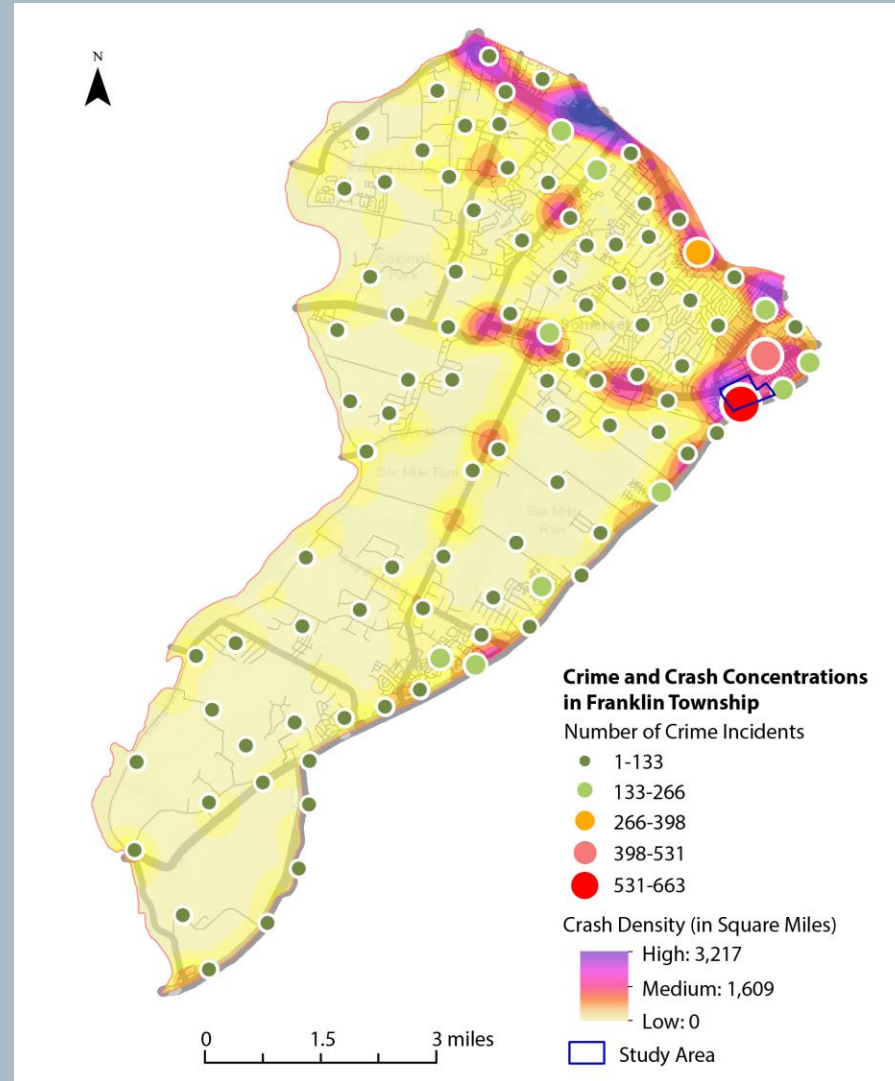


# CRASH DATA: FRANKLIN TOWNSHIP





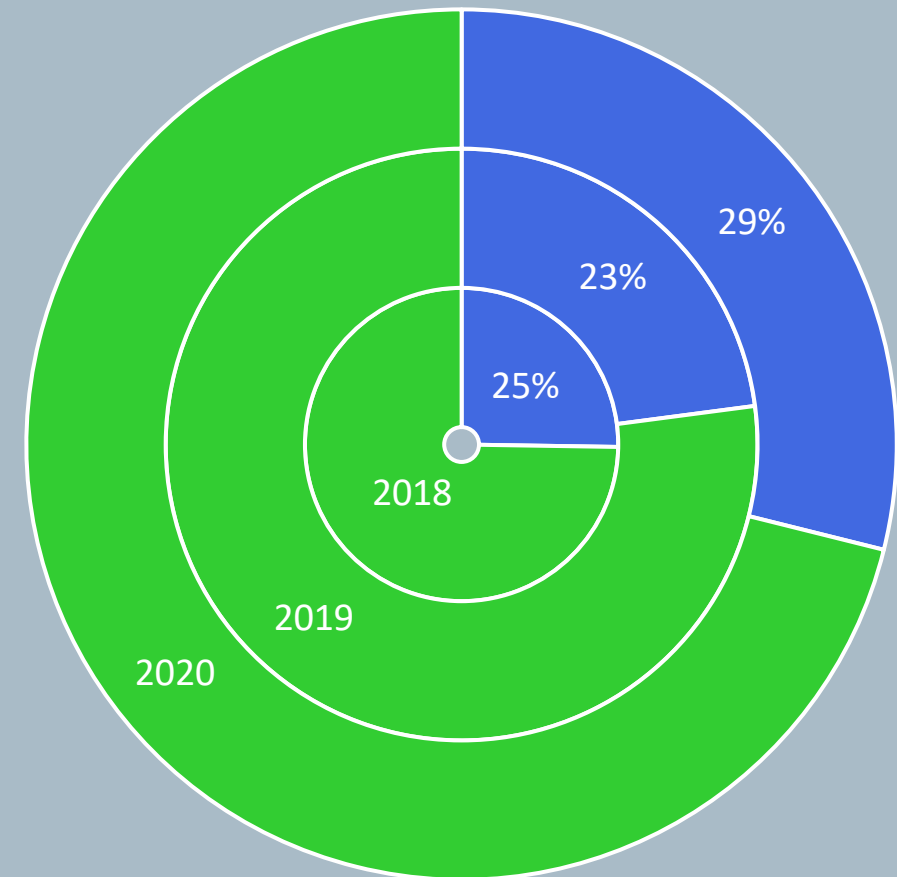
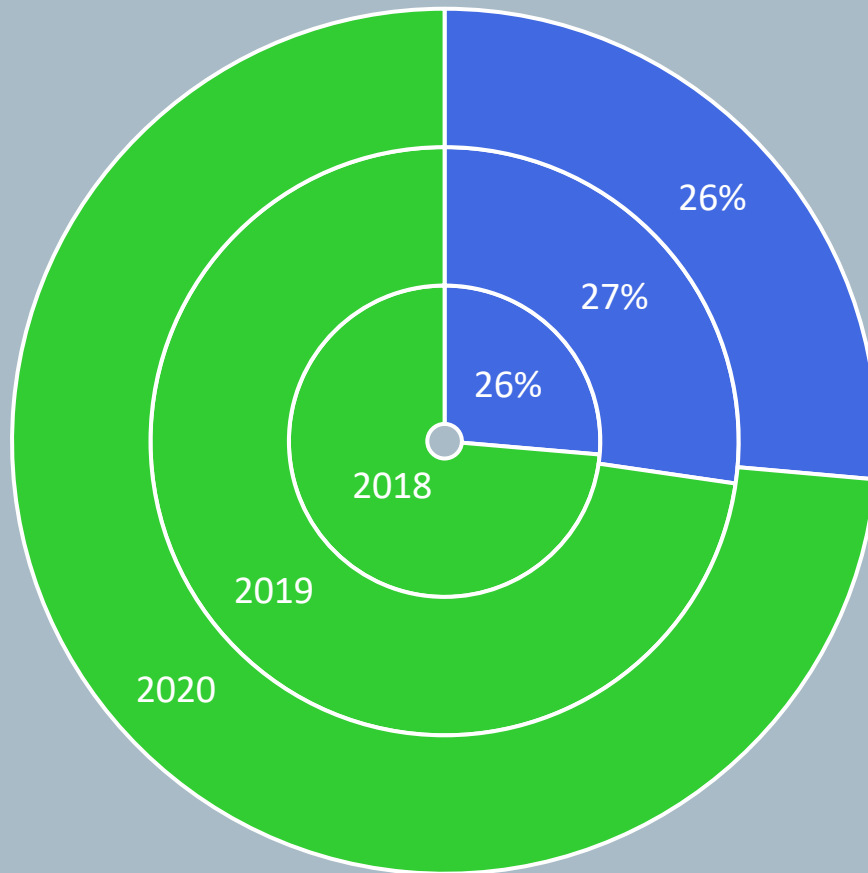
# CRASH & CRIME DATA: FRANKLIN TOWNSHIP





# CRIME DATA: STUDY AREA & FRANKLIN TOWNSHIP

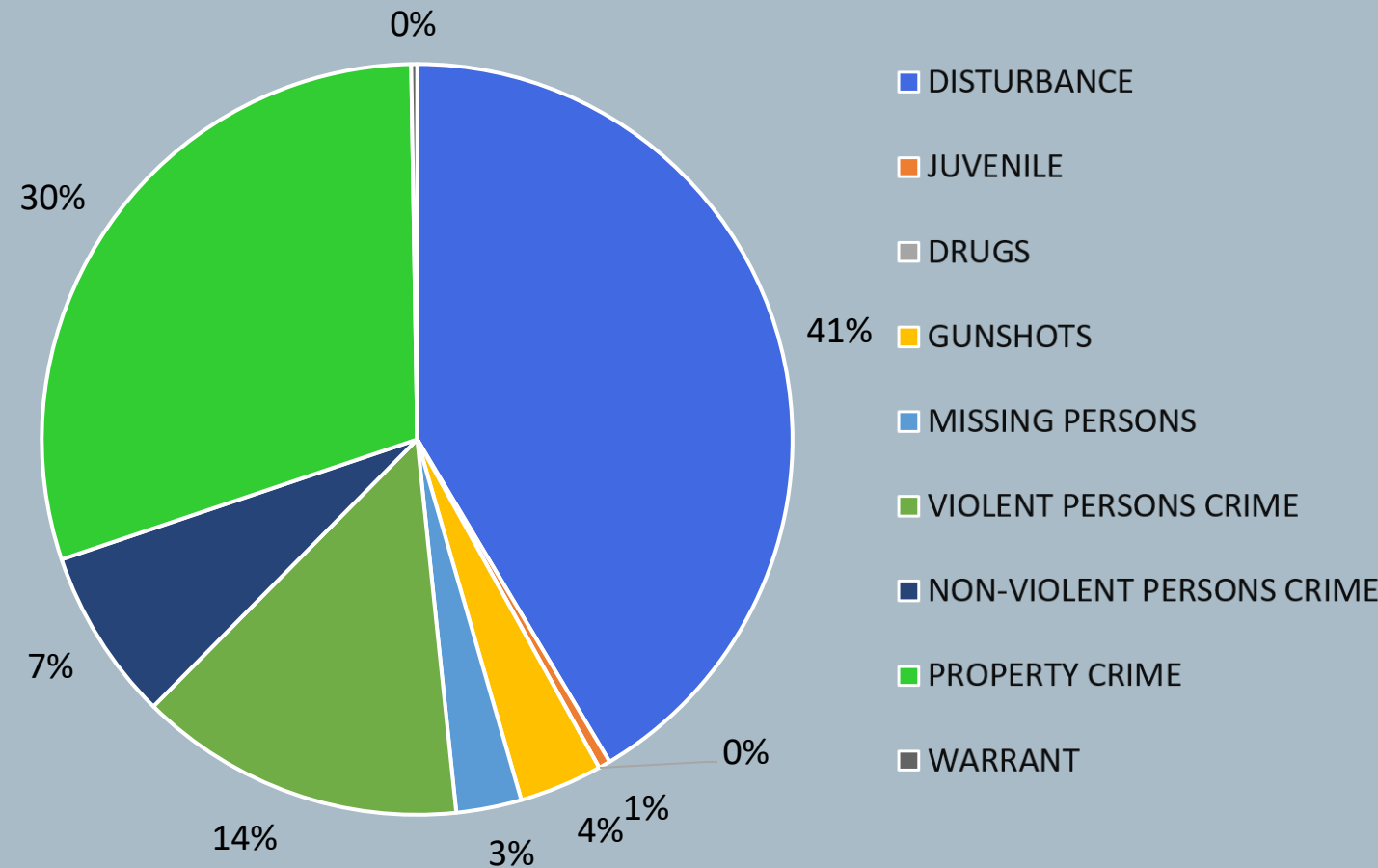
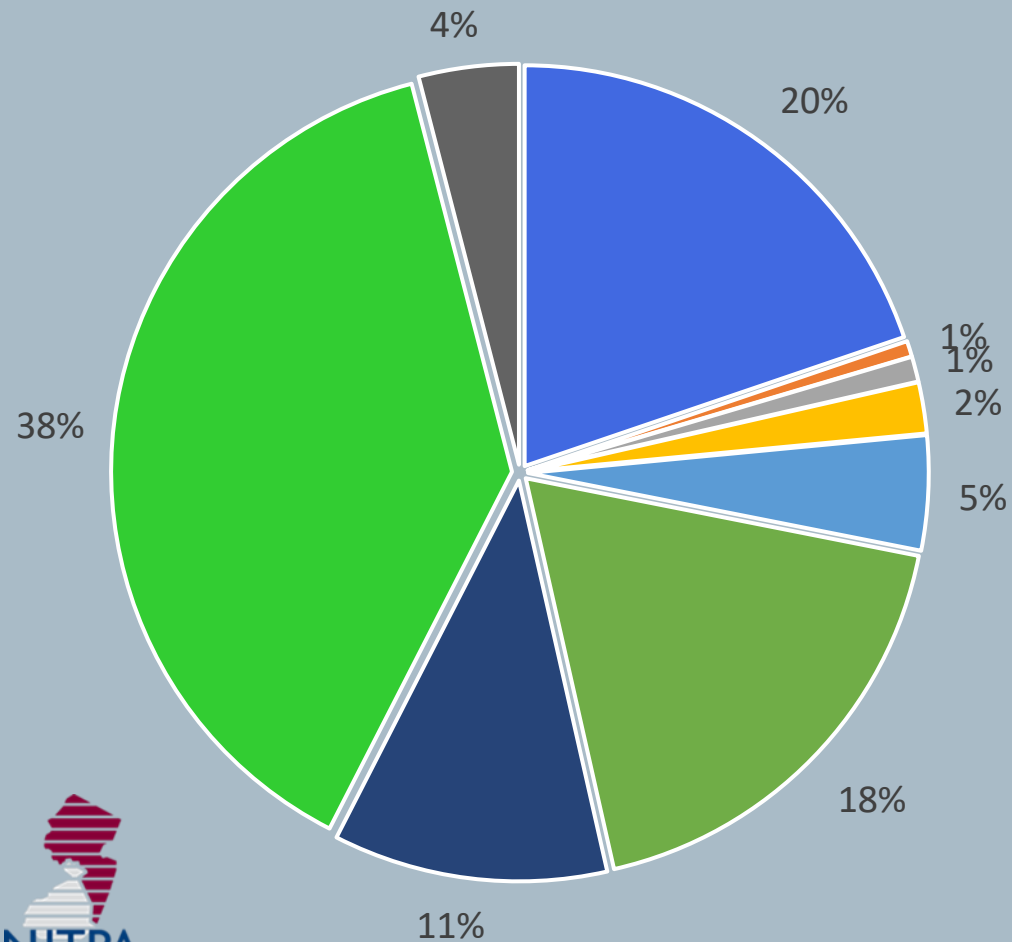
Crime Frequency by Category in *Franklin Township (left) versus Study Area (right)*, 2018-2020





# CRIME DATA: STUDY AREA & FRANKLIN TOWNSHIP

Crime by Category in *Franklin Township (left) versus Study Area (right)*, 2018-2020

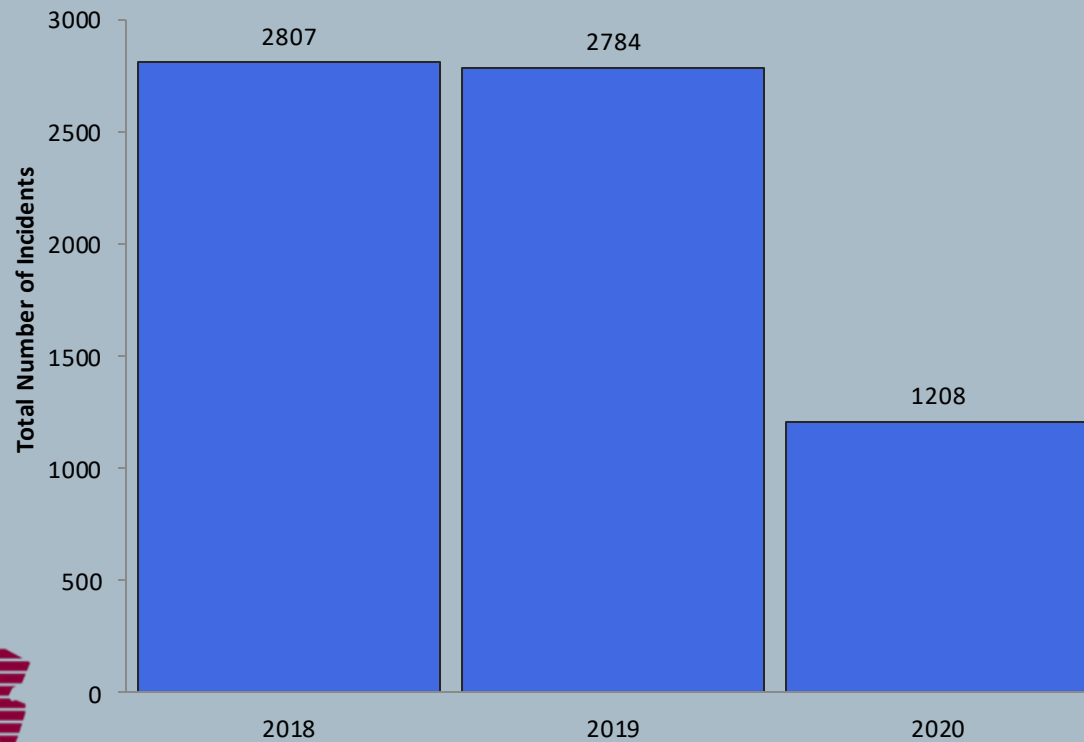




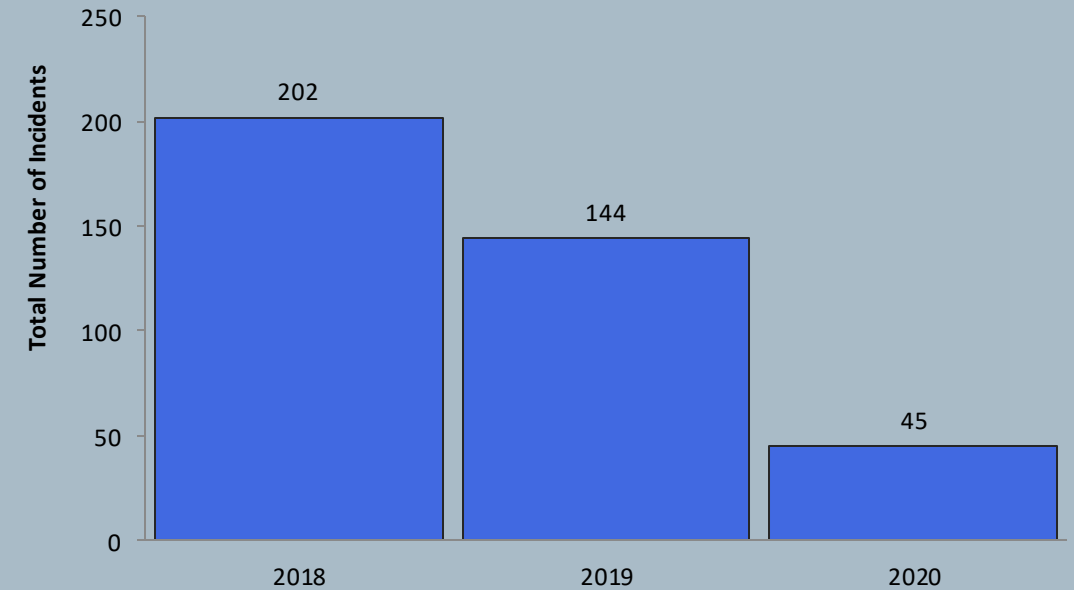
# CRIME DATA: STUDY AREA & FRANKLIN TOWNSHIP

Crime by Number of Incidents in *Franklin Township versus Study Area*, 2018-2020

Crime Incidents from 2018-2020 in Franklin Township

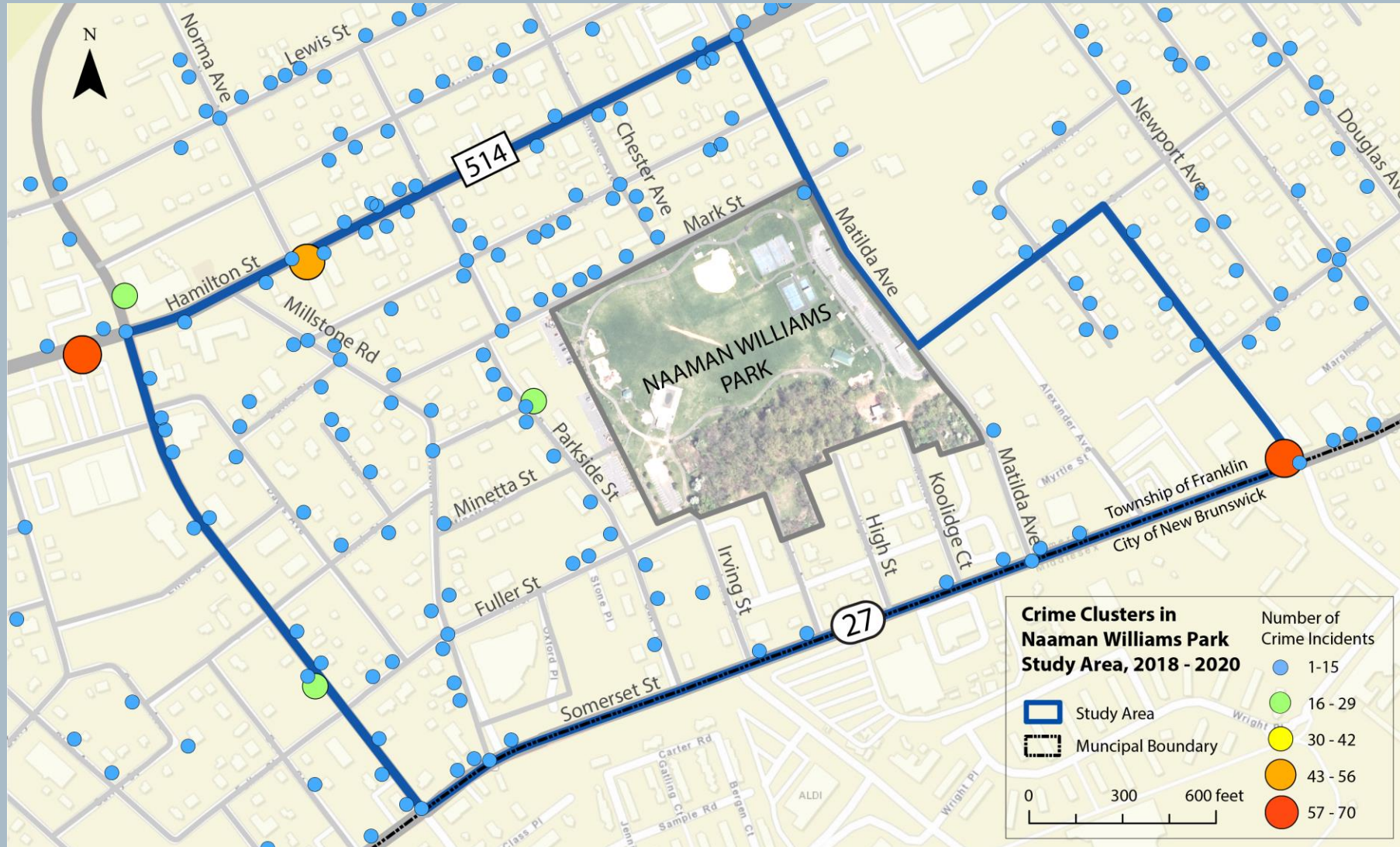


Crime Incidents from 2018-2020 in Study Area





# CRIME DATA: STUDY AREA



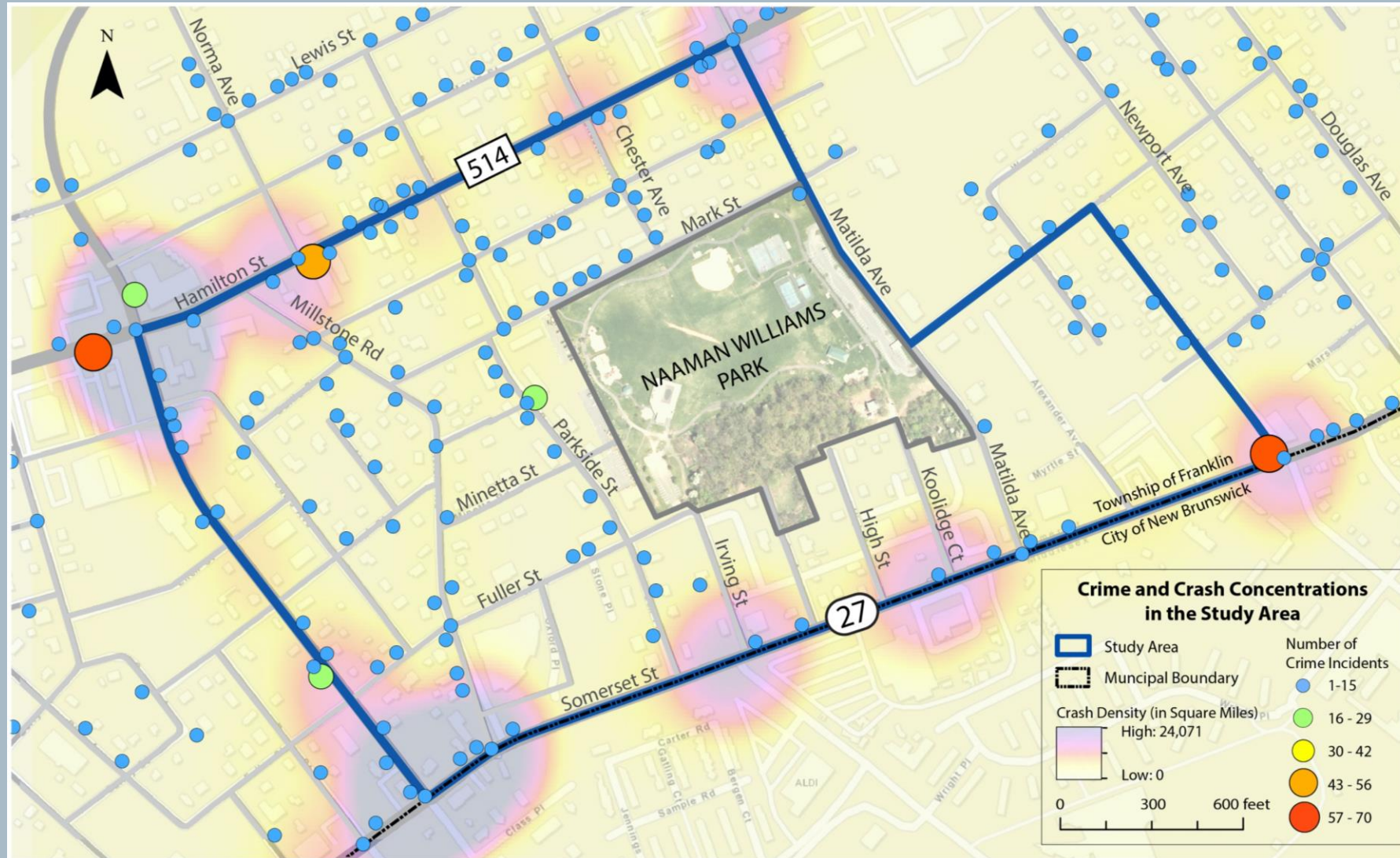


# CRASH DATA: STUDY AREA





# CRASH AND CRIME DATA (HOT SPOTS): STUDY AREA





# ZOOM BREAKOUT ROOMS

- **Zoom Breakout Room Discussion:**

- Teams randomly assigned
- 5 minutes per team (*time running concurrently*)
- Keep it brief. No dominating the discussion
- Assign one person to report out





# ZOOM BREAKOUT ROOMS

- **Questions:**
  - What is your gut reaction to the crime data?
  - What is your gut reaction to the crash data?
  - What is your gut reaction to the “hot spots?”





Naaman Williams Park and Study Area:

# CPTED AUDIT & SITE ASSESSMENT CHECKLIST OVERVIEW







# CPTED AUDIT & SITE ASSESSMENT CHECKLIST

Link: <https://docs.google.com/forms/d/e/1FAIpQLSfNIUKGII4UkmJv6KtddNiBkFSJSgQnlolxExWJsYsMmGyJTtw/viewform>



# THANK YOU AND NEXT STEPS

**We appreciate you taking time out of your busy schedules to join us today.**



# Complete Streets Technical Assistance Program

## Crime Prevention Through Environmental Design (CPTED) Educational Webinar:

Naaman Williams Park, Franklin Township, NJ

August 2020

Send additional comments and suggestions to:

[heaslya@tcnj.edu](mailto:heaslya@tcnj.edu)

Comments due by August 20, 2020



North Jersey Transportation Planning Authority