

**ARUP GPI**

# **MORRISTOWN MOBILITY IMPROVEMENTS**

**STAKEHOLDER DISCUSSION**

**APRIL 12, 2017**

# AGENDA

- 01** Project Overview
- 02** About the Project Team
- 03** Project Summary
- 04** Key Existing Conditions Findings
- 05** Discussion, Next Steps

# Arup

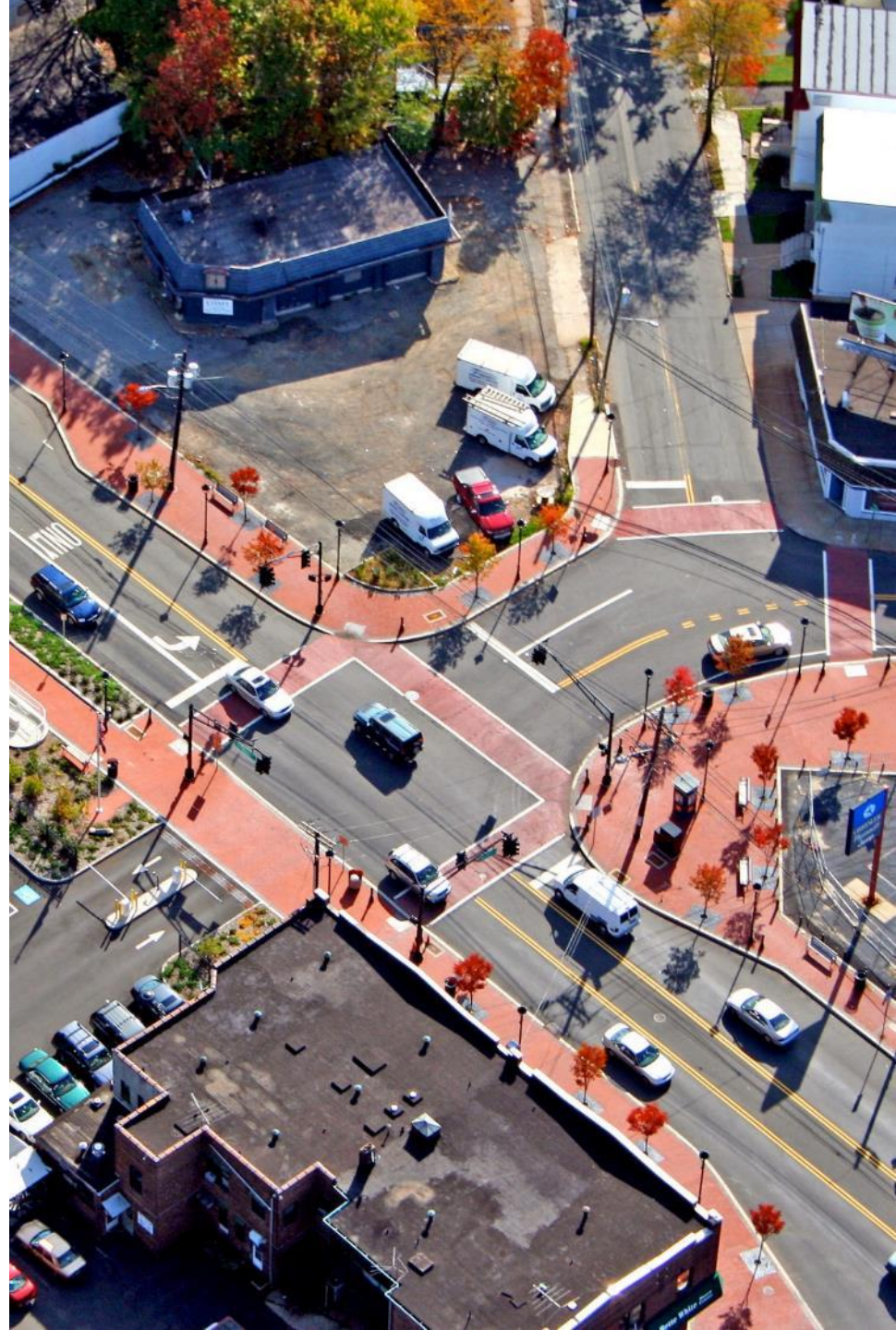
- Engineering, Planning, and Design firm
- Offices in New York City and Edison
- 400+ staff
- 38 Integrated Planning team members



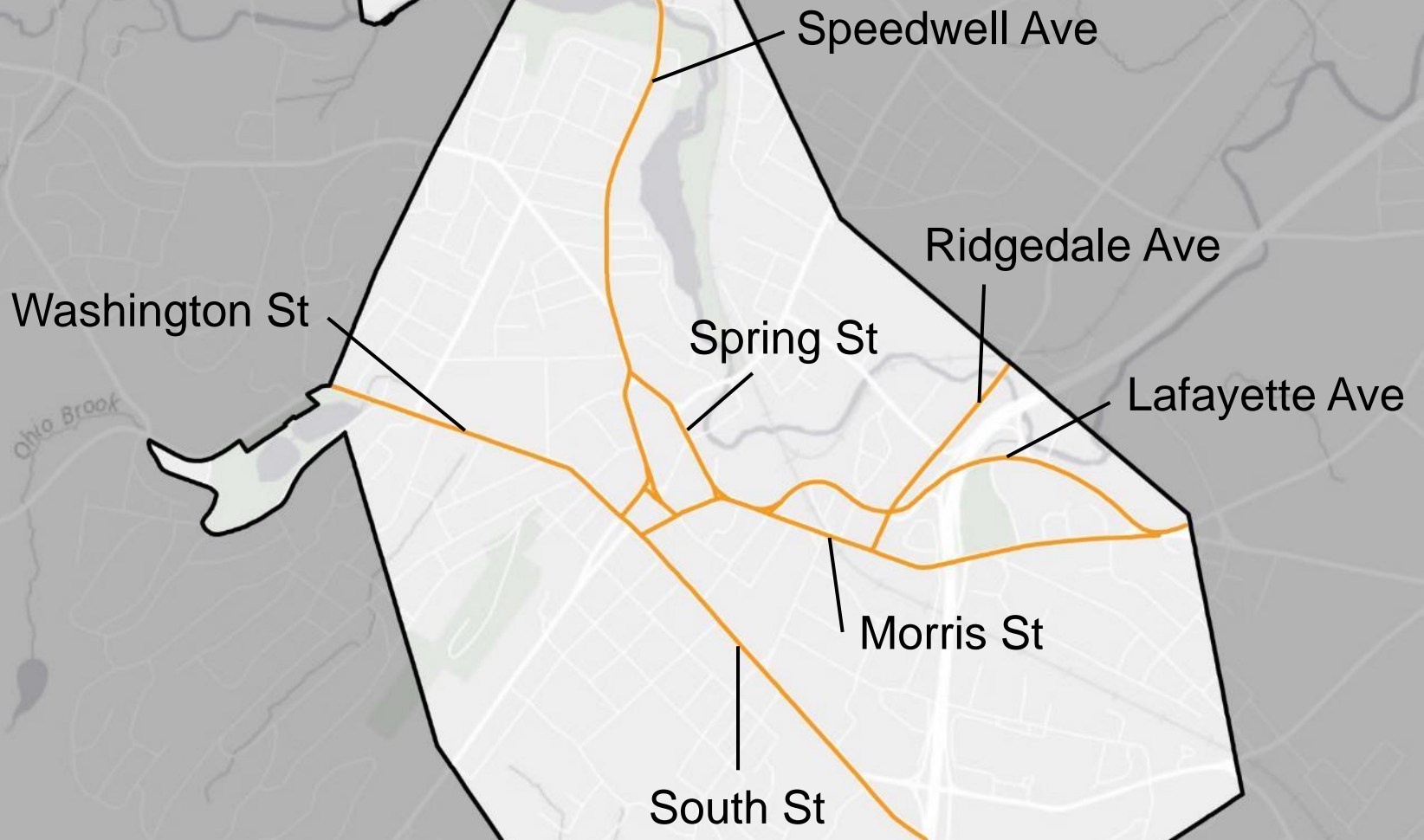


# Greenman-Pedersen, Inc. (GPI)

- Multi-disciplined professional engineering firm providing:
  - ✓ Design
  - ✓ Planning
  - ✓ Construction Management
- Staff of 1,200 with over 200 located in our New Jersey offices (Lebanon / Morris Plains)
- Extensive Concept Development experience with state, county and local agencies esp. NJDOT
- Leader in cost effective Context Sensitive Design (including Complete Streets and ADA)



## Study Corridors



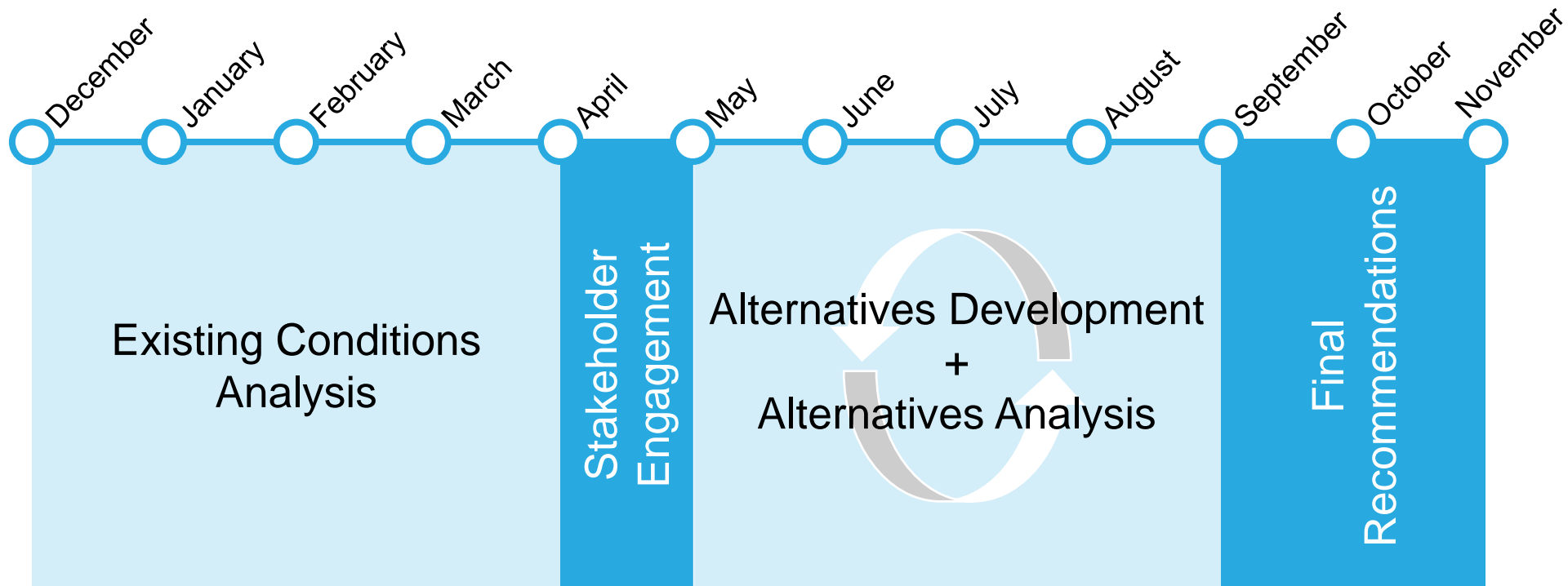


# PROJECT GOALS

- Reduce congestion and conflict on Morristown streets
- Enhance multimodal mobility
- Better understand macro and micro travel conditions



# PLANNING PROCESS



# KEY FINDINGS

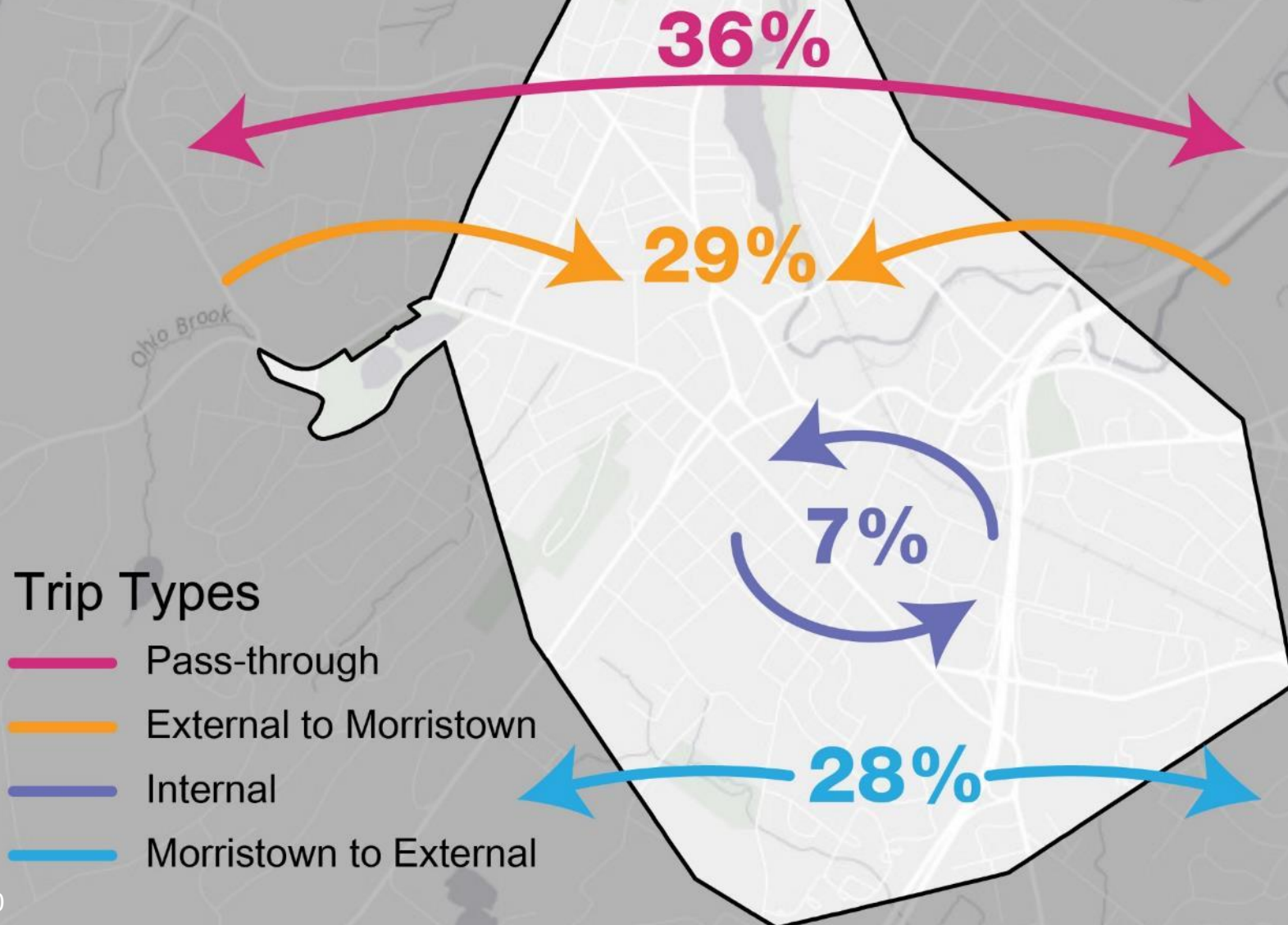
- Challenges:
  - Signal system not responsive to peak travel demands
  - ~1/3 of all Morristown traffic is pass-through
  - Historic streets have limited widths and irregular geometries
  - Missing pedestrian links








# TRAVEL PATTERNS

## General Travel Patterns – Weekday All Day



## Analysis Zones

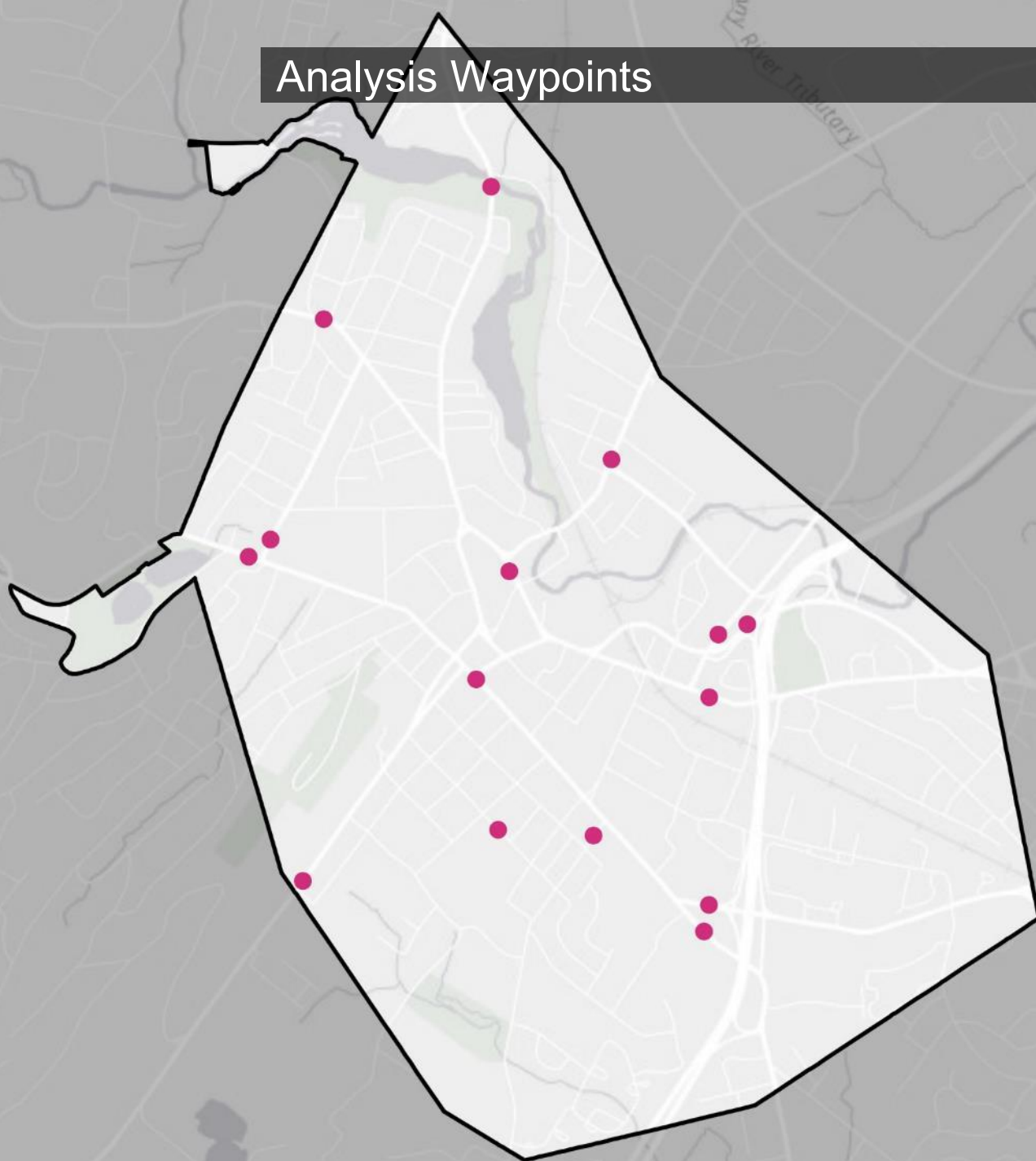
### Zone Types

-  Downtown
-  Regional Destinations
-  Remainder of Morristown

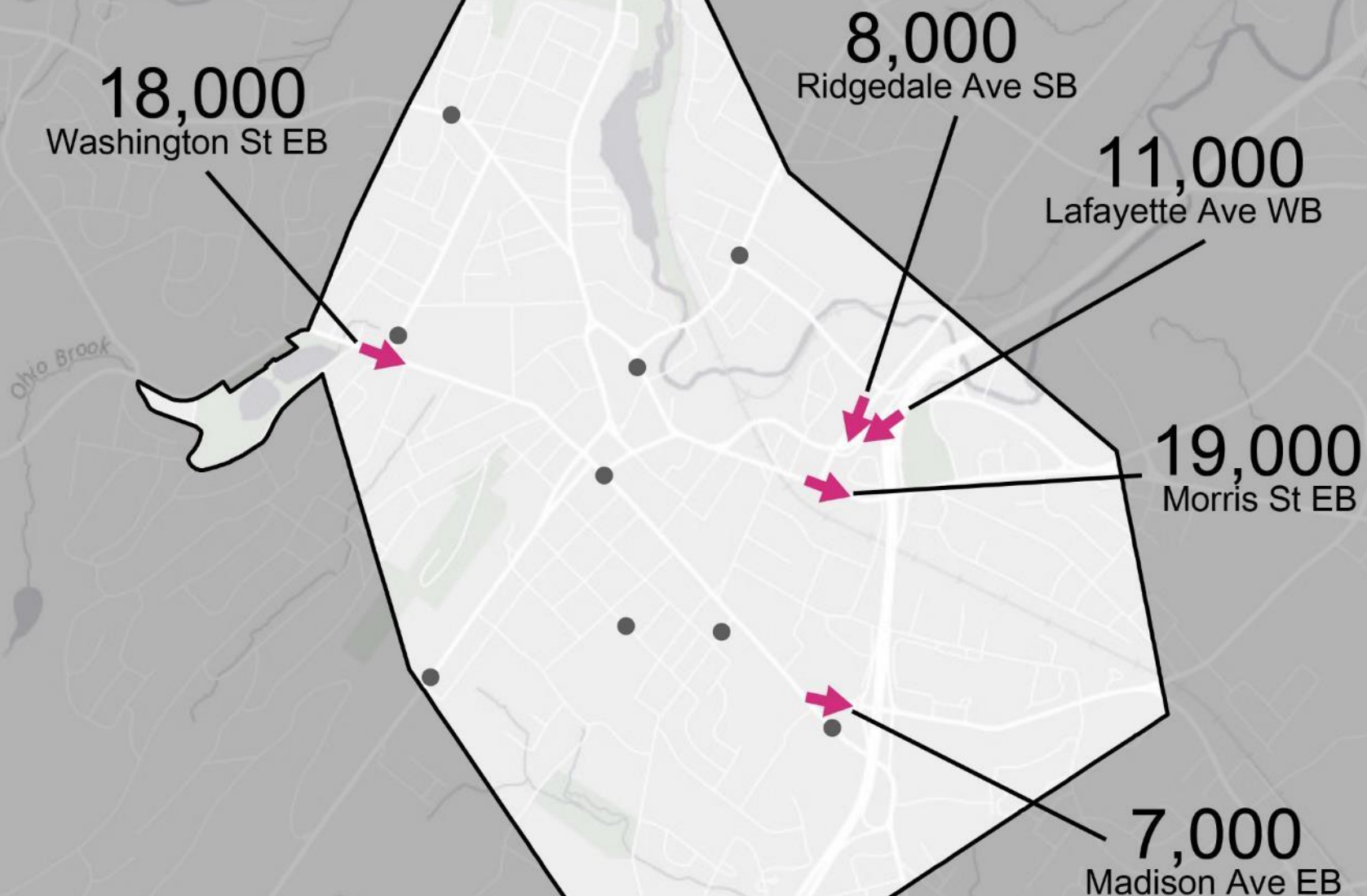
1. County Complex
2. HQ Plaza
3. Train Station
4. Medical Center



## Analysis Waypoints

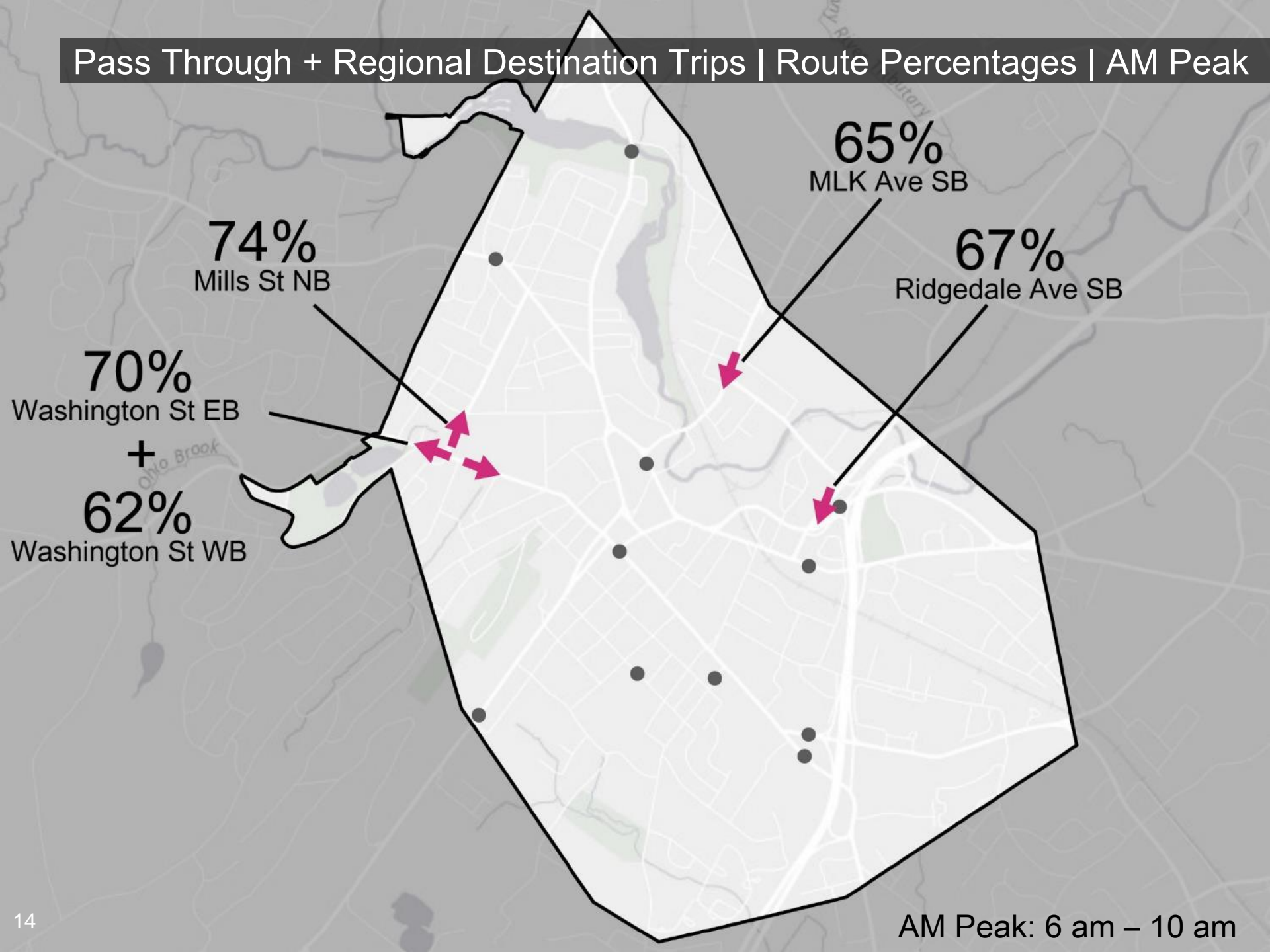


# Pass Through + Regional Destination Trips | Route Magnitude | AM Peak



AM Peak: 6 am – 10 am

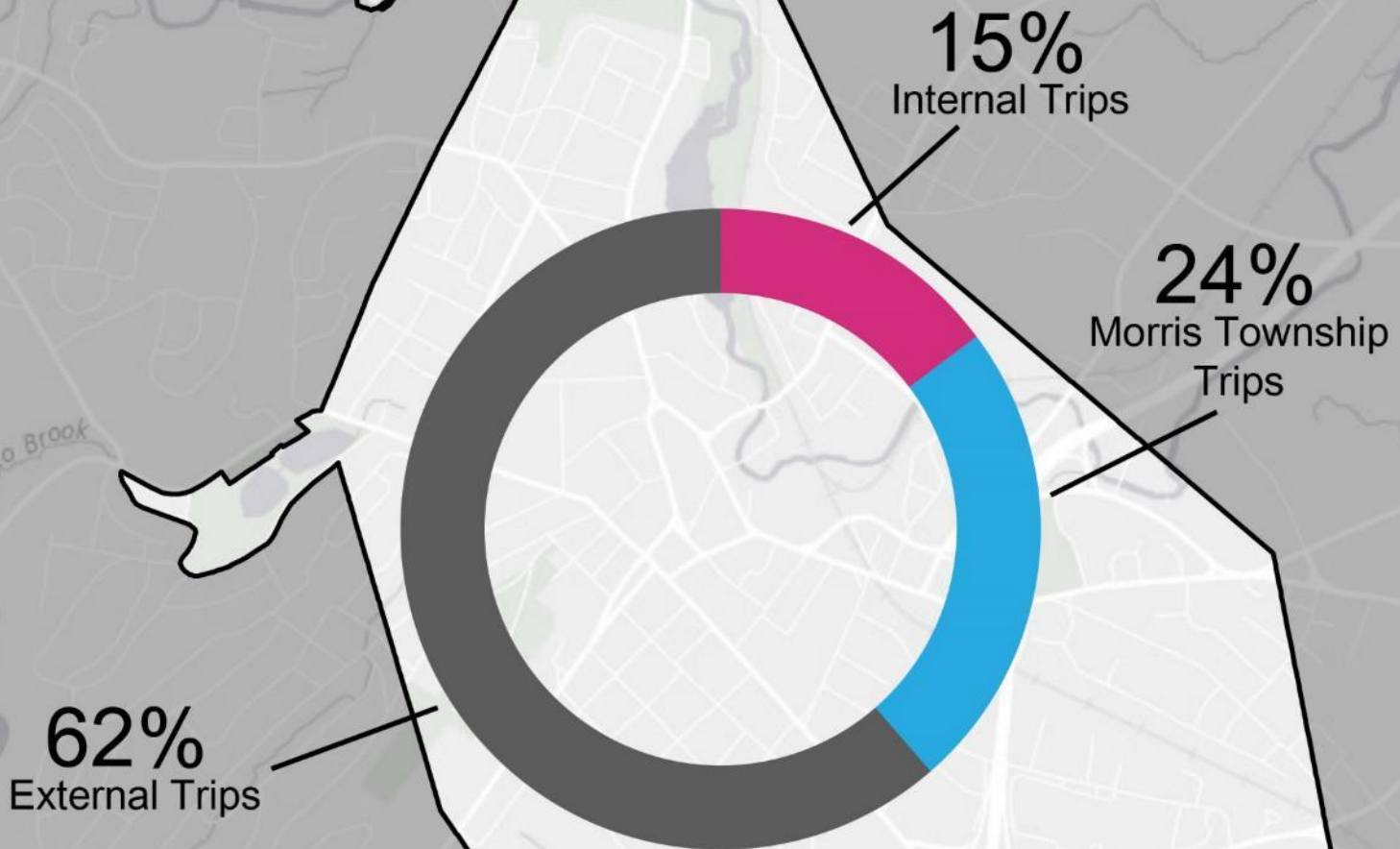
# Pass Through + Regional Destination Trips | Route Percentages | AM Peak



AM Peak: 6 am – 10 am



## Downtown Trips | Weekend PM



Weekend PM : 3 pm – 12 am

# Downtown Trips | Route Magnitude | Weekend PM

**5,000**  
Washington St EB

**15,000**  
Lafayette Ave WB

**6,000**  
South St EB

**5,000**  
Madison Ave WB

**5,000**  
South St NB

Weekend PM : 3 pm – 12 am

## Downtown Trip | Route Percentages | Weekend PM

**41%**  
Sussex Ave EB

**46%**  
Speedwell Ave SB

**43%**  
Lafayette Ave WB

**41%**  
Mt. Kemble Ave NB

**56%**  
South St NB

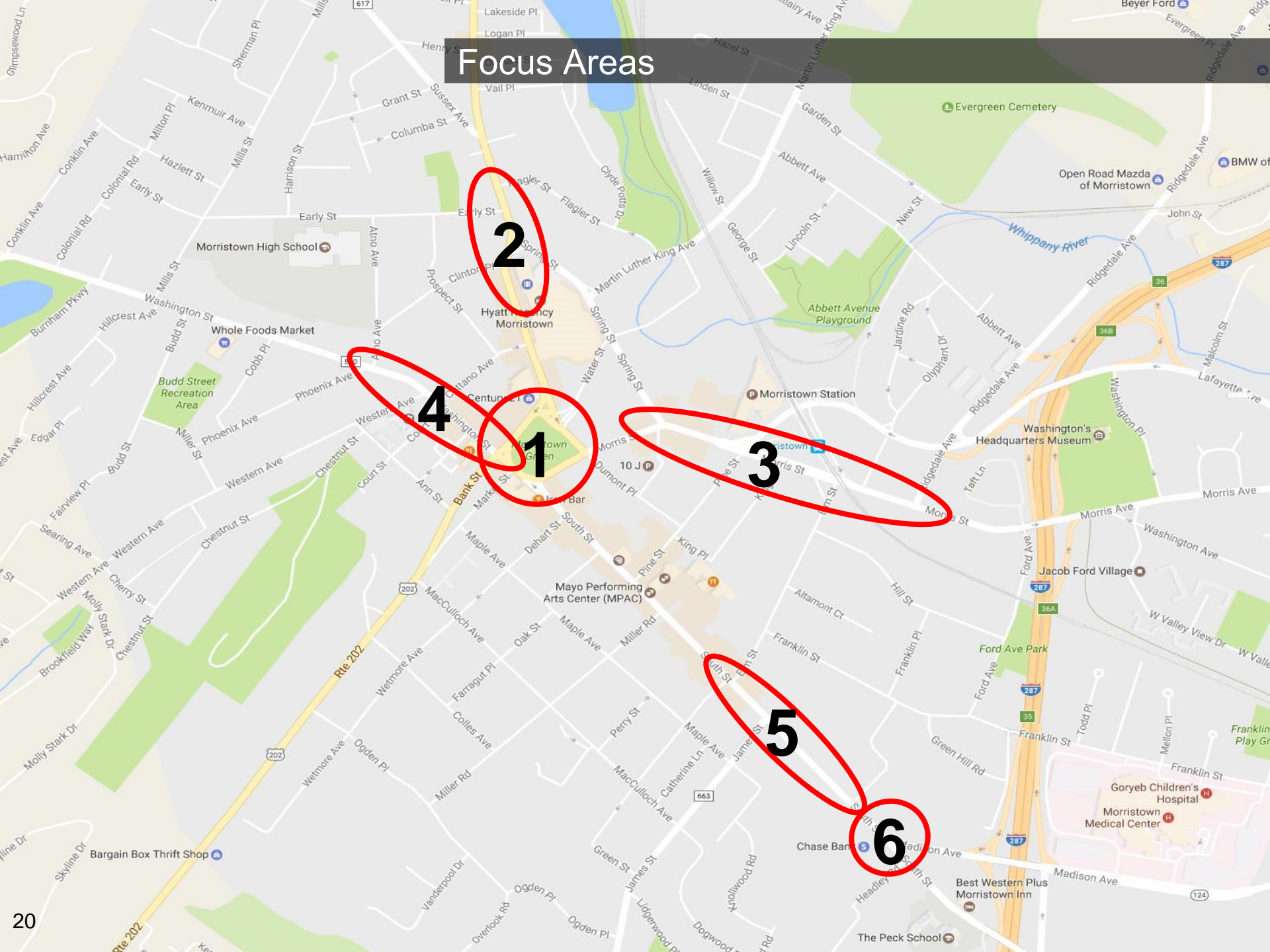
Weekend PM : 3 pm – 12 am



# FOCUS AREAS



# Focus Areas



2

4

1

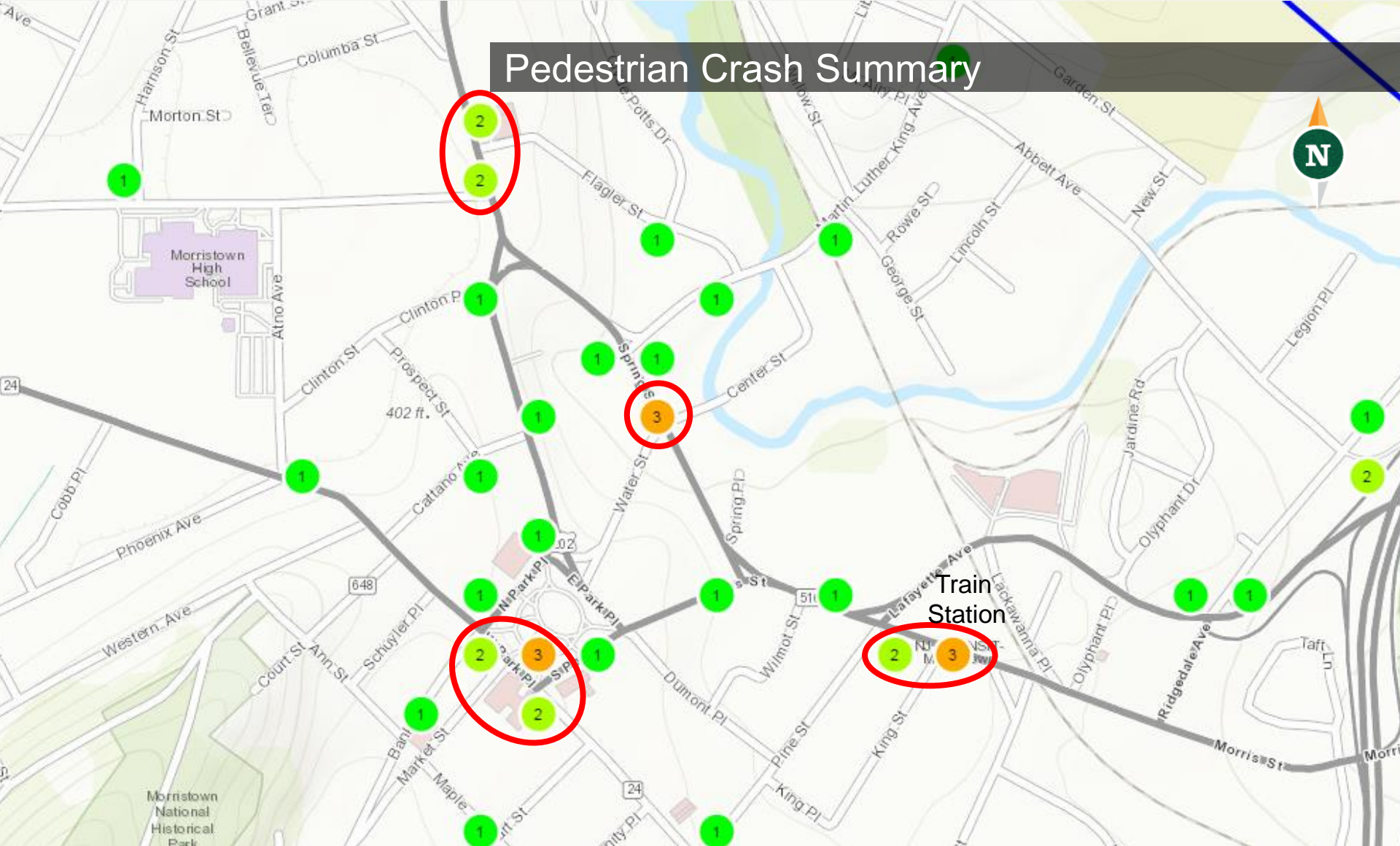
3

5

6



## Pedestrian Crash Summary



- NJ Voyager
- 3 Years: 2013 through 2015



## Cycling Conditions





# Thoughts on Existing Conditions

- How do you see conditions in Morristown?
- What are your thoughts on improving conditions?



ARUP **GPI**

Thank You!