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

- Speedwell Ave
- Ridgedale Ave
- Lafayette Ave
- Morris St
- South St
- Spring St
- Washington St
PROJECT GOALS

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

Existing Conditions Analysis

Stakeholder Engagement

Alternatives Development + Alternatives Analysis

Final Recommendations
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

Trip Types
- Pass-through: 36%
- External to Morristown: 29%
- Internal: 7%
- Morristown to External: 28%
Analysis Waypoints
Pass Through + Regional Destination Trips | Route Magnitude | AM Peak

AM Peak: 6 am – 10 am

18,000 Washington St EB
8,000 Ridgedale Ave SB
11,000 Lafayette Ave WB
19,000 Morris St EB
7,000 Madison Ave EB
Pass Through + Regional Destination Trips | Route Percentages | AM Peak

- AM Peak: 6 am – 10 am

- 74% Mills St NB
- 70% Washington St EB
- 62% Washington St WB
- 65% MLK Ave SB
- 67% Ridgedale Ave SB
Downtown Trips | Weekend PM

15% Internal Trips

24% Morris Township Trips

62% External Trips

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
- 56% South St NB

Weekend PM: 3 pm – 12 am
FOCUS AREAS
Signal Jurisdictions

Legend

- NJDOT Master Intersection
- NJDOT Signal (Same Master)
- NJDOT Signal (Different Master)
- Town Signal
Focus Areas

1. 
2. 
3. 
4. 
5. 
6.
- 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?
Thank You!

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