



DOWNTOWN MOBILITY PLAN

November 26, 2019

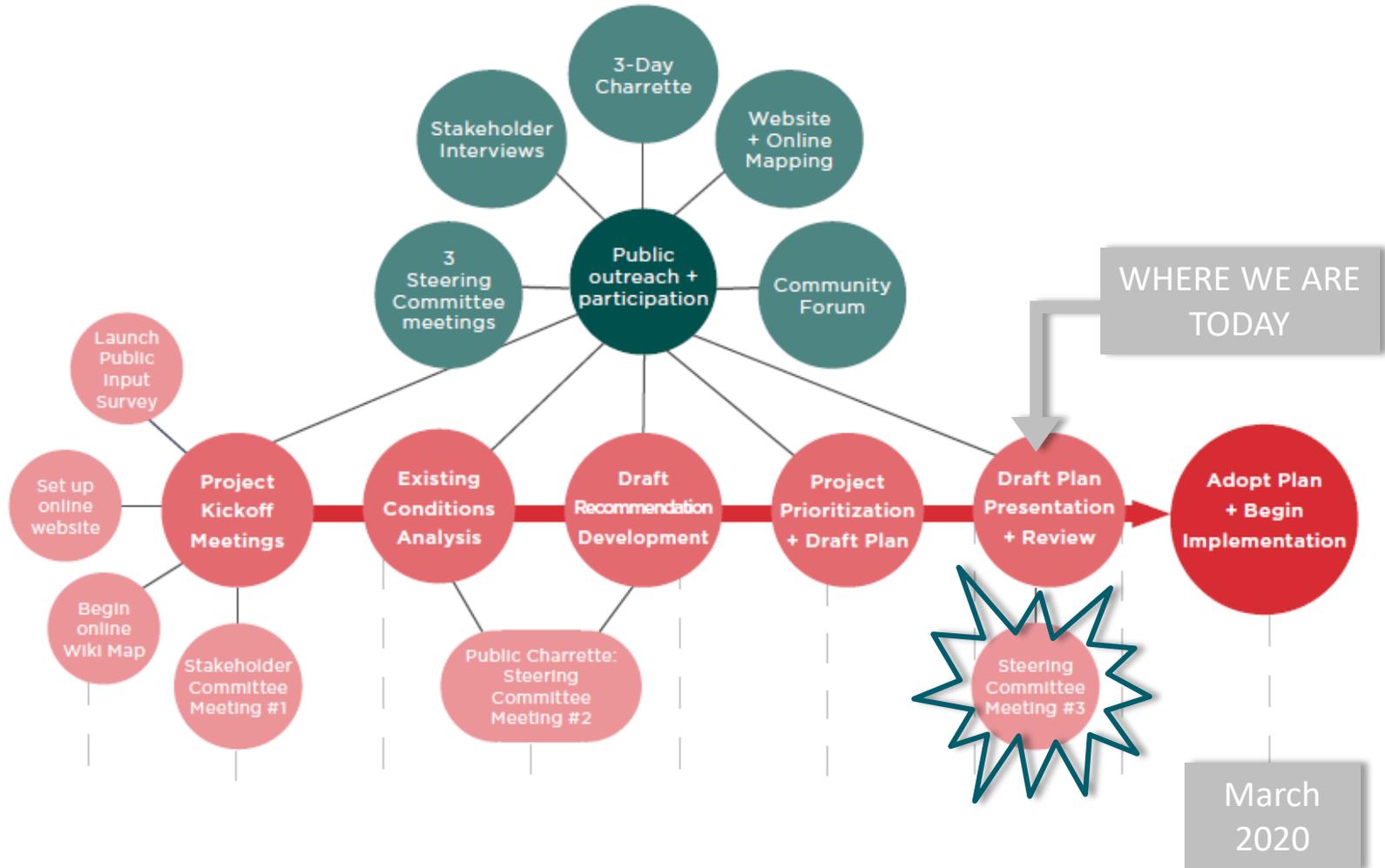


Project Intent

- Evaluate pedestrian and bicycle infrastructure and how it is connected to parking areas, downtown destinations and surrounding neighborhoods.
- Evaluate the current and future multimodal needs of Downtown Matthews, including walking, biking, driving and transit.
- Evaluation of the current parking capacity and an analysis of current and future parking needs downtown.
- Explore how better connections can be made to surrounding residential neighborhoods and retirement communities located near Downtown Matthews, and use those demographics when planning public involvement.



Project Schedule





WHAT WE'VE HEARD



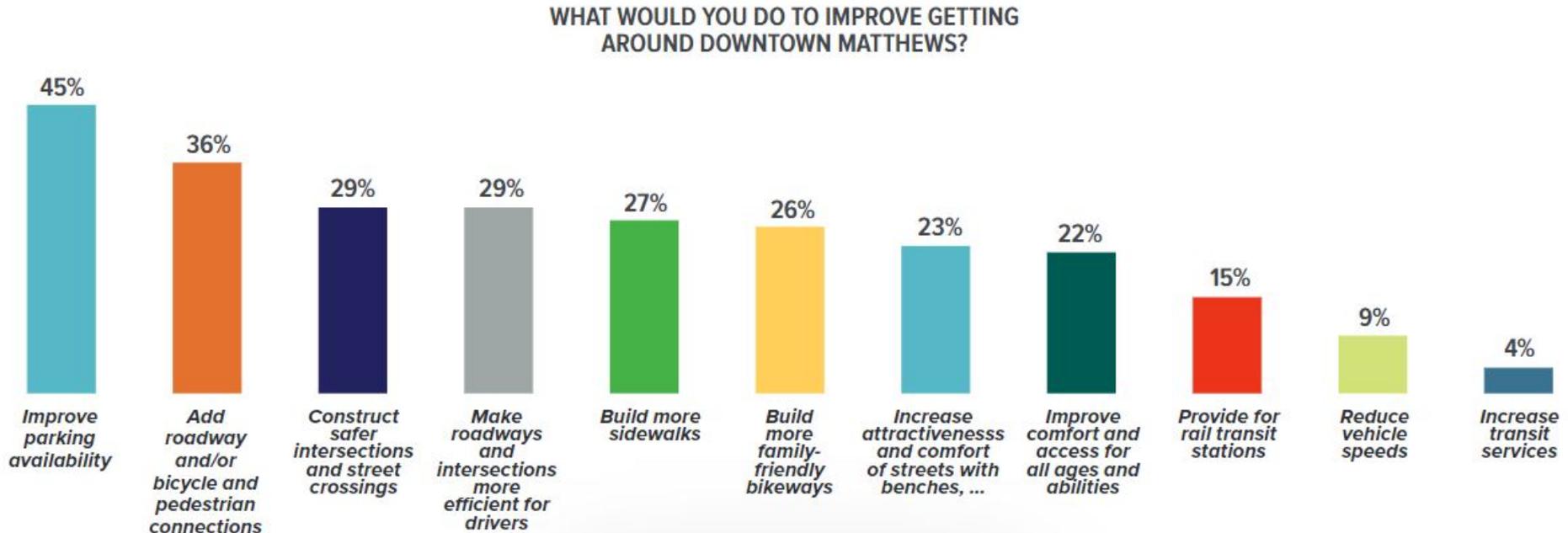
Online Input

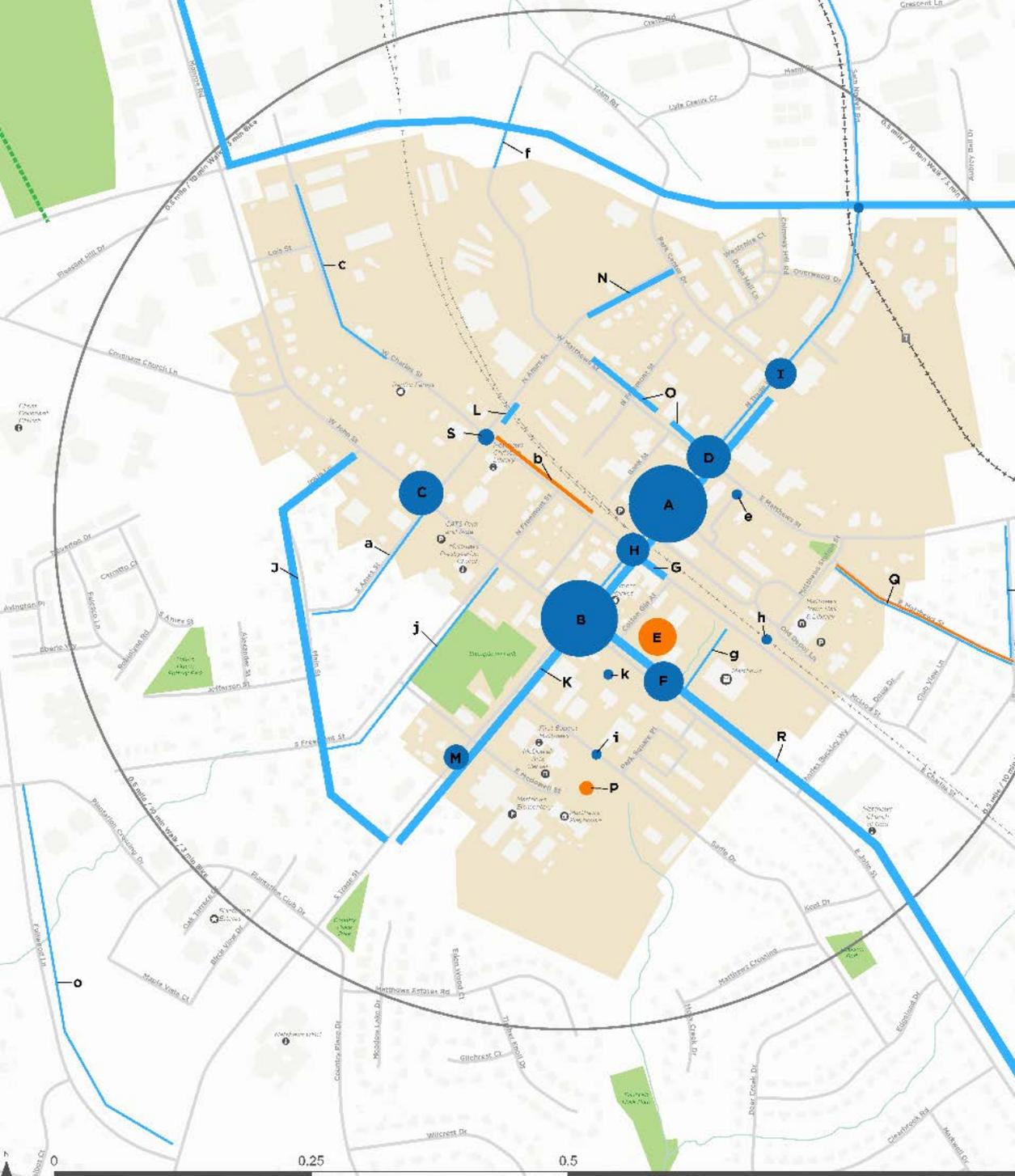
- Online survey included questions about travel trends
- Interactive map was used to provide input about routes and track desired improvements at specific locations

143 Map views

152 Map comments

575 Survey responses





-  Intersection Improvement Needed
-  Route Improvement Needed
-  Parking Improvement Needed

Top Mentions

Corridors:

- Trade St (ped/vehicle/parking)
- John St (bike/ped)
- Charles St (sidewalks)
- Main St (sidewalks/traffic calming)

Top Intersections:

- Trade St + Matthews Station Rd
- Trade St + John St
- Trade St + Matthews St
- John St (various)

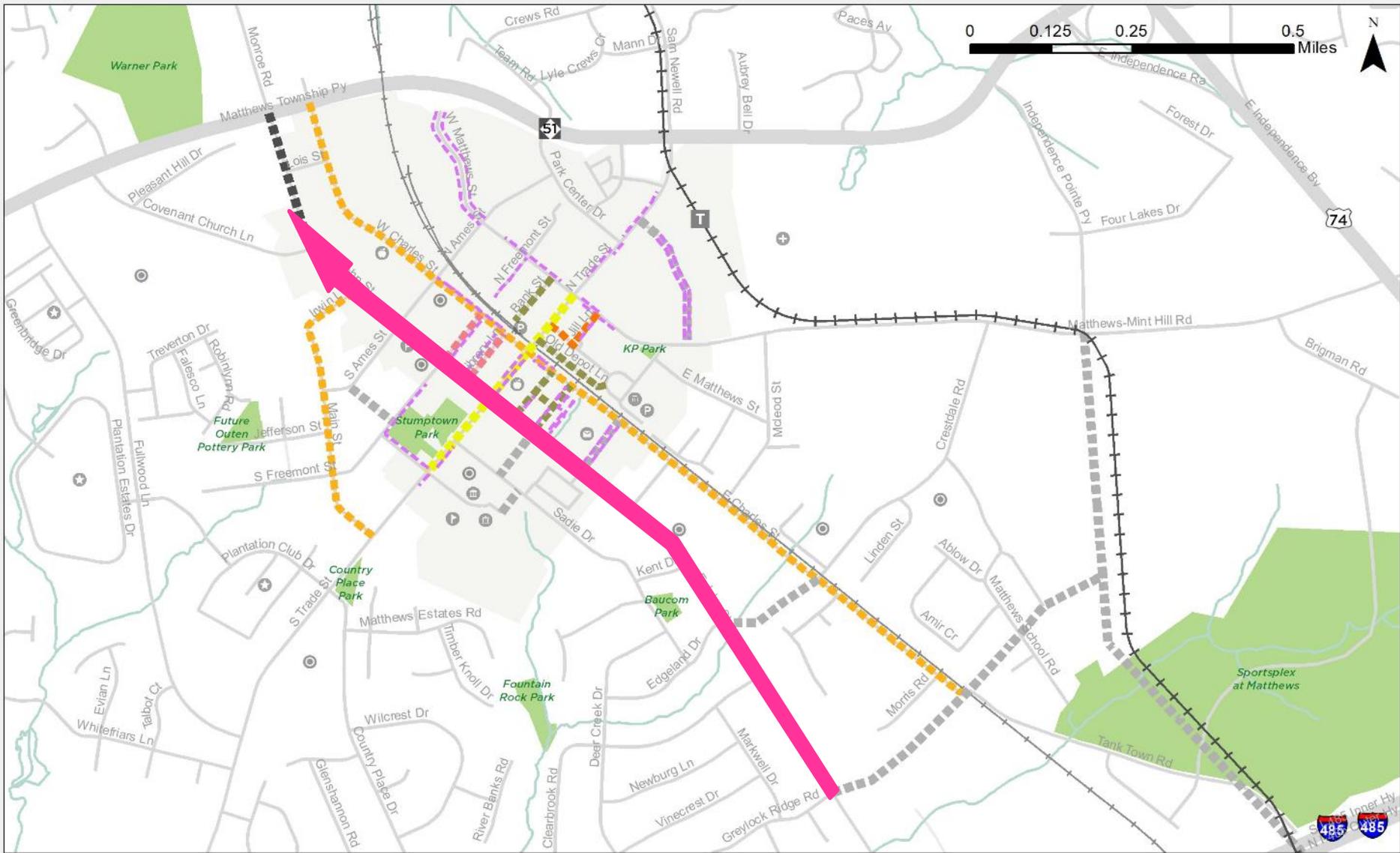
Parking:

- Cotton Gin Alley/Farmer's Market
- School/Playhouse
- Charles St



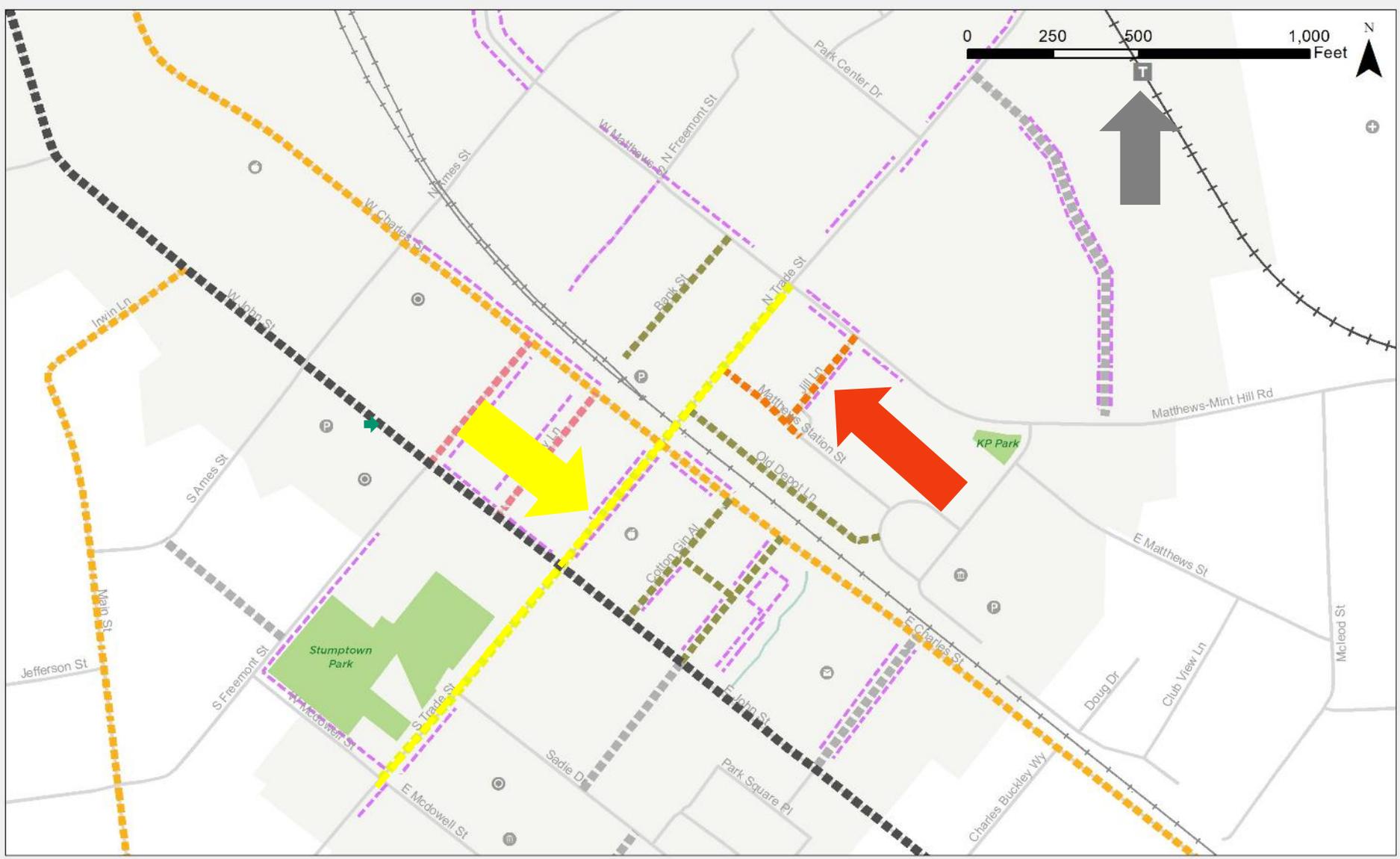
NETWORK IMPROVEMENTS





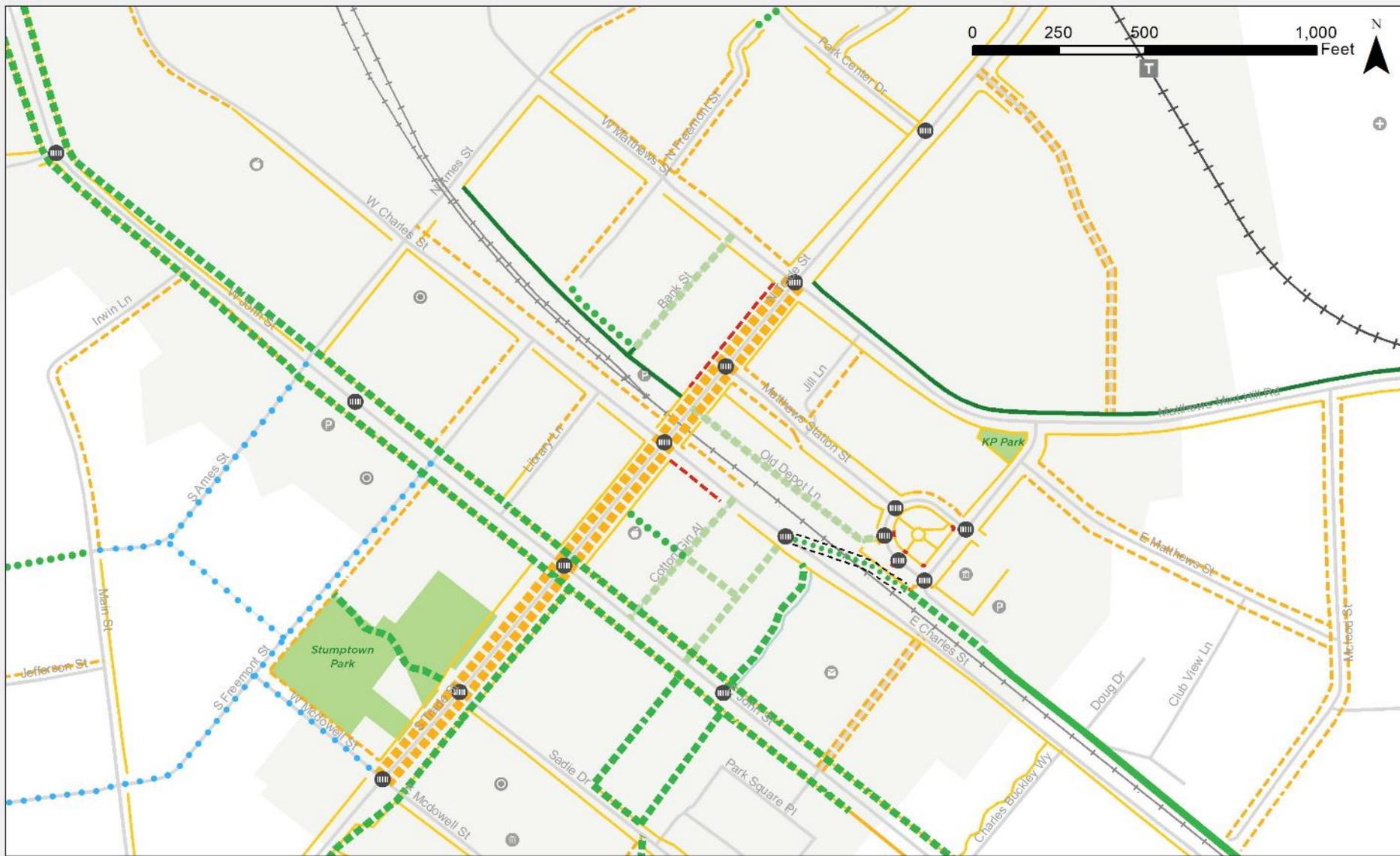
DOWNTOWN MATTHEWS MOBILITY PLAN: STREET NETWORK MAP

- | | | |
|---------------------------|-------------------------|------------------------------------|
| Roadways | Parking | Future Silver Line |
| ▬▬▬ New Complete Street | ▬▬▬ Roadway Realignment | ▬▬▬ Downtown / Hospital |
| ▬▬▬ Further Traffic Study | ▬▬▬ Traffic Calming | —+— Silver Line Proposed Alignment |
| ▬▬▬ Shared Street | ▬▬▬ One-way Conversion | |
| ▬▬▬ Lane Reallocation | | |



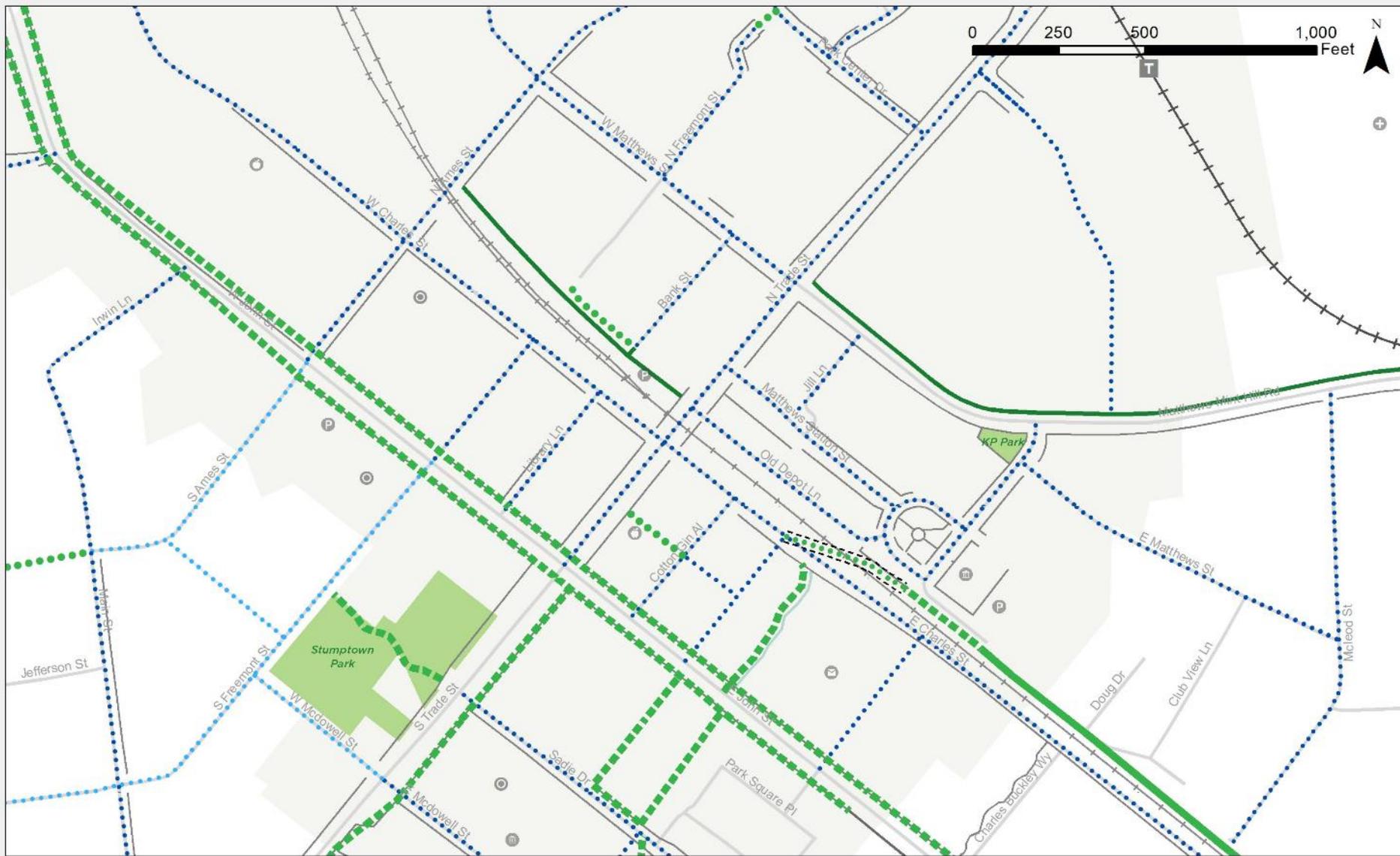
DOWNTOWN MATTHEWS MOBILITY PLAN: STREET NETWORK MAP

- | | | |
|--|---|---|
| Roadways | Parking | Future Silver Line |
| <ul style="list-style-type: none"> ■ New Complete Street ■ Further Traffic Study ■ Shared Street ■ Lane Reallocation | <ul style="list-style-type: none"> ■ Roadway Realignment ■ Traffic Calming ■ One-way Conversion ■ Add/Reorient Spaces | <ul style="list-style-type: none"> ■ Downtown / Hospital —+— Silver Line Proposed Alignment |



DOWNTOWN MATTHEWS MOBILITY PLAN: PEDESTRIAN NETWORK MAP

- | | | | |
|----------------------------------|---------------------------------|-------------------------------------|------------------------------------|
| Sidewalks + Access Issues | Multi-Use Paths | Shared Pedestrian Facilities | Future Silver Line |
| — Existing | — Existing (Natural surface) | — Shared Street | T Downtown / Hospital |
| — Funded-not constructed | — Funded- not constructed | ••• Advisory Shoulders | —+— Silver Line Proposed Alignment |
| — Proposed | — Proposed MUP | | |
| — Fix ADA issues | ••• Proposed Bike/Ped Connector | | |
| | — Proposed Bike/Ped Tunnel | | |



DOWNTOWN MATTHEWS MOBILITY PLAN: BICYCLE NETWORK MAP

- | | | | | |
|-------------------|--------------------------------------|---------------------------------|------------------|--------------------------------------|
| Bike Lanes | Shared Street Bike Facilities | Multi-Use Paths | Sidewalks | Future Silver Line |
| — Existing | ••• Shared Lane Markings | — Existing (Natural surface) | — Existing | T Downtown / Hospital |
| — Funded | ••• Advisory Shoulders | — Funded- not constructed | — Funded | - - - Silver Line Proposed Alignment |
| - - - Proposed | | ■ Proposed MUP | | |
| | | ••• Proposed Bike/Ped Connector | | |
| | | ■ Proposed Bike/Ped Tunnel | | |

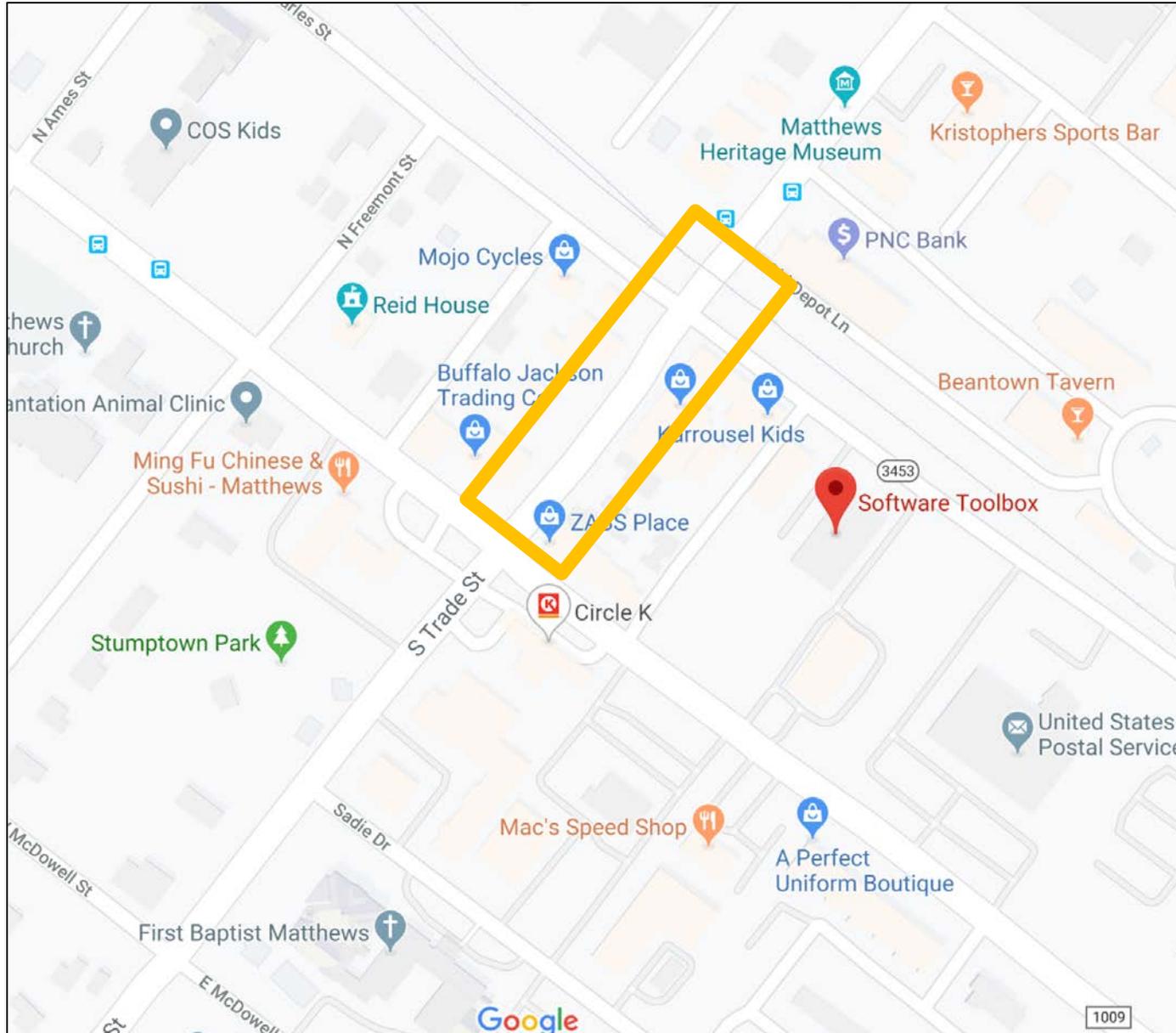


DOWNTOWN CORE

Town of
MatthewsTM
North Carolina



Trade Street Concept



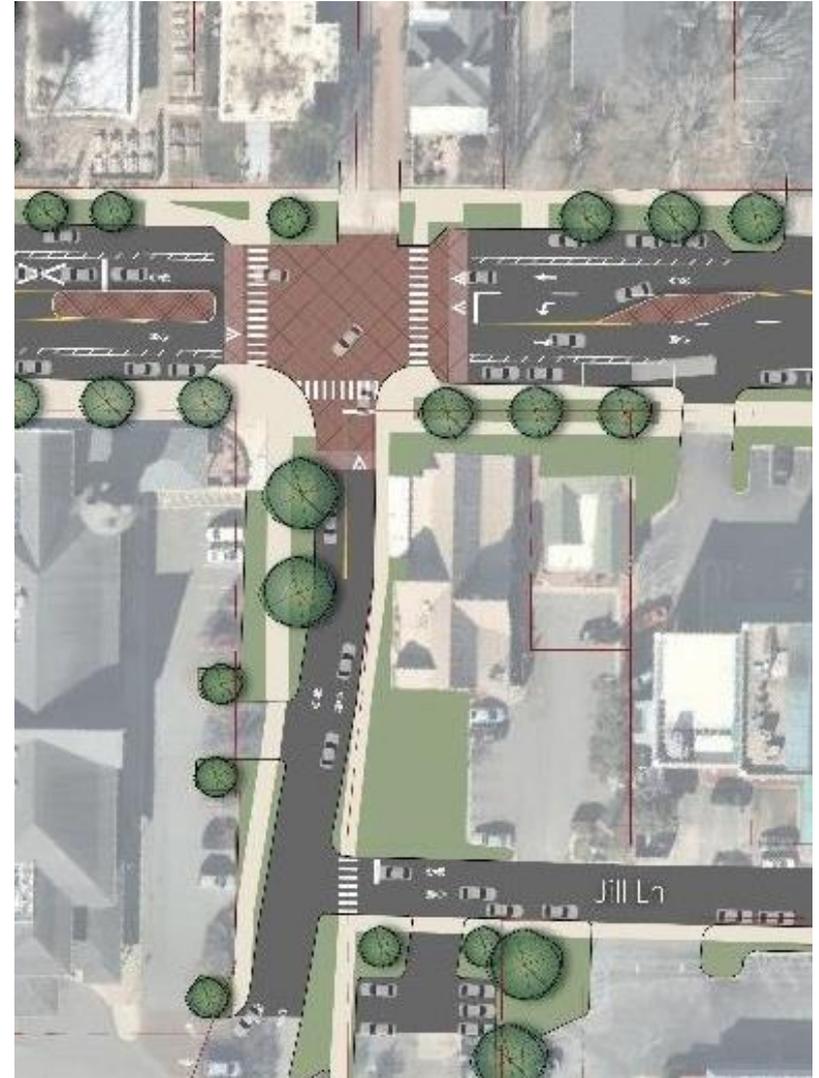
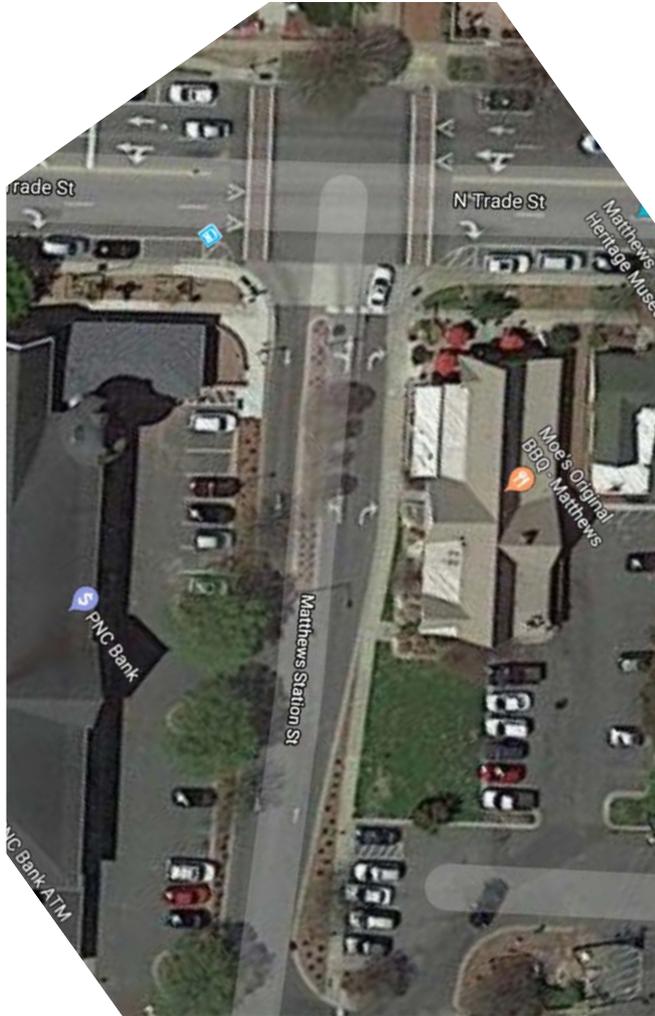
Trade Street Concept



Trade Street Concept



Trade Street Concept



Trade Street at Matthews Station



Trade Street at Matthews Station





E John St

Cotton Gin Alley

Market Alley

Heritage Lane

E Charles St

Old Depot Ln

Matthews Station St

Heritage Lane

Park Square Pl

Cotton Gin Alley



Cotton Gin Alley

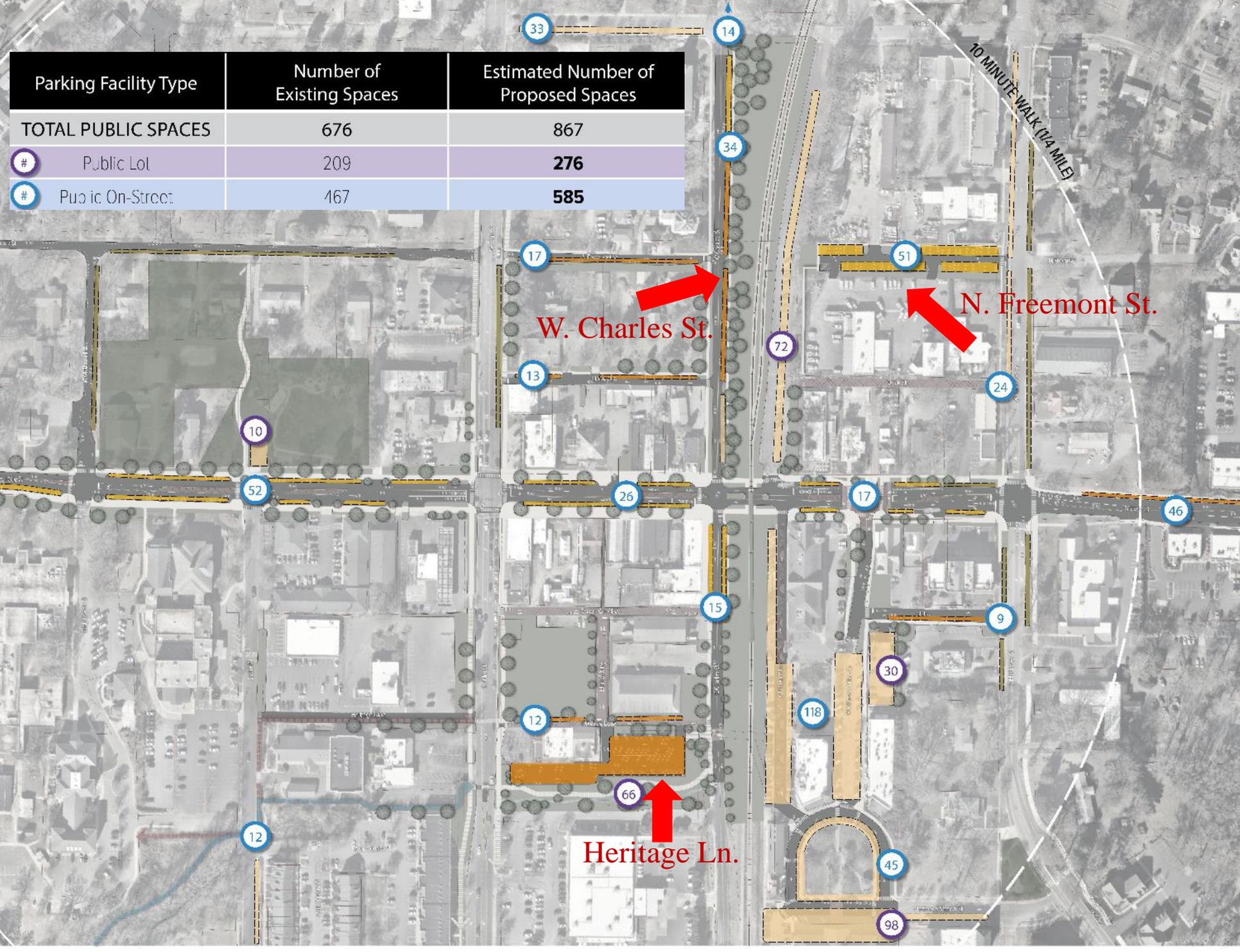




DRAFT Parking RECOMMENDATIONS

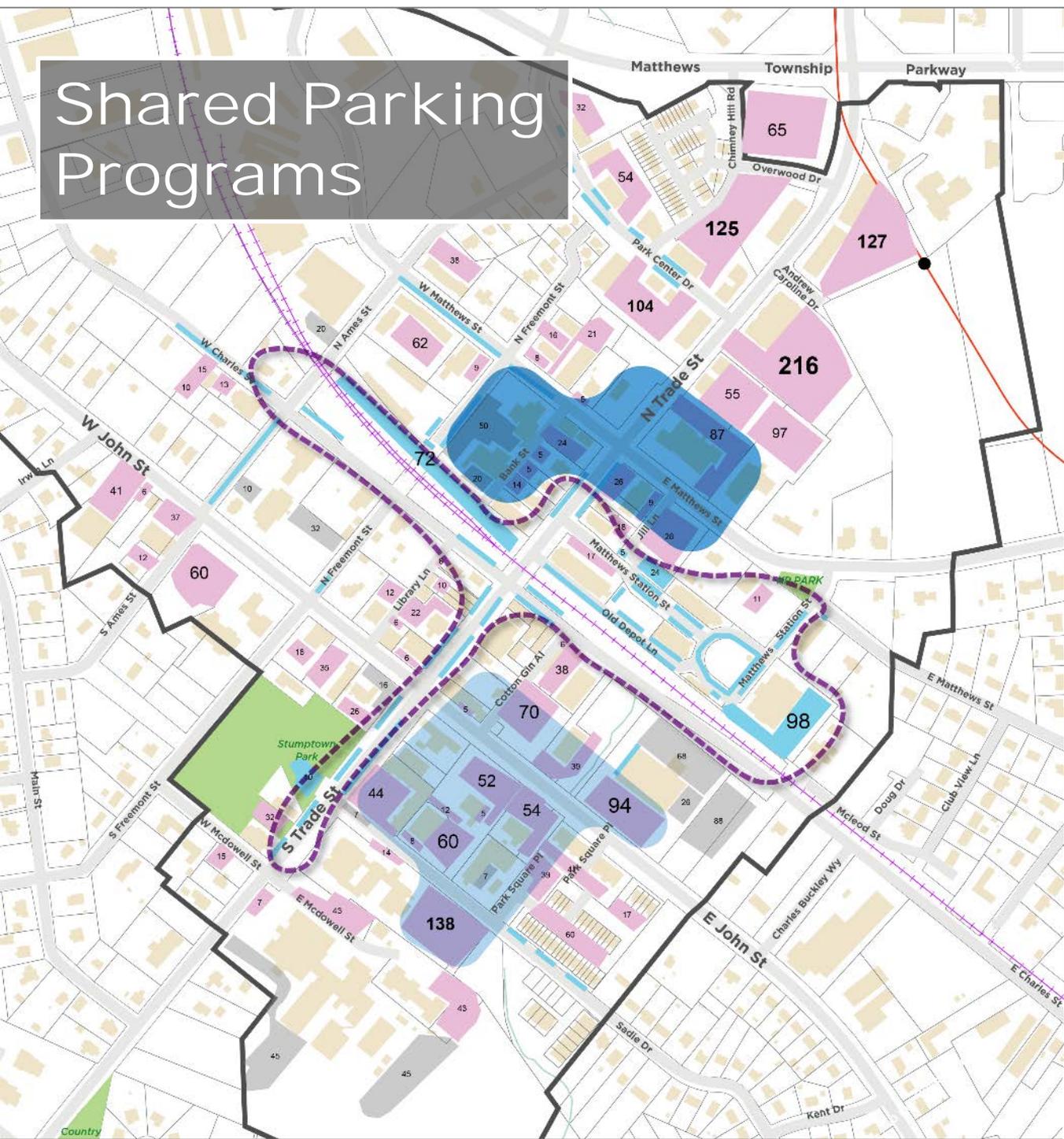


Parking Facility Type	Number of Existing Spaces	Estimated Number of Proposed Spaces
TOTAL PUBLIC SPACES	676	867
# Public Lot	209	276
# Public On-Street	467	585

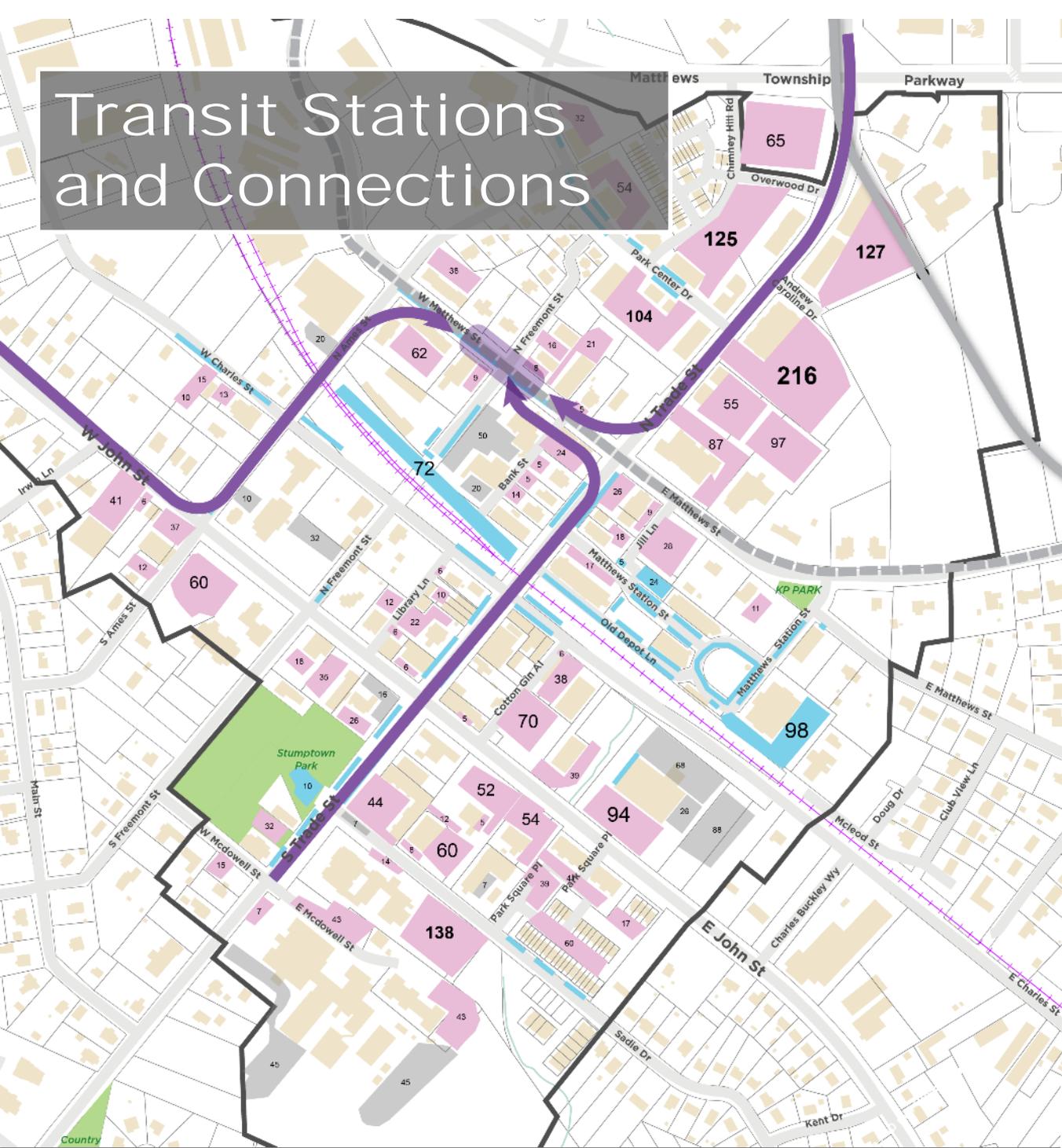




Shared Parking Programs



Transit Stations and Connections





PRIORITIZATION

Town of
MatthewsTM
North Carolina





Questions?