

# Transportation Update

September 2020

Hanna Cockburn, AICP  
Director



# In Today's Briefing...

- COVID-19 Transportation Impacts
- Parking
- Transit
- Micromobility
- Project & Funding Outlook
- Plans and Planning
- Traffic Impact Analysis
- Strategic Plan



# COVID-19 Transportation Impacts

- Transit: -53%
  - 5,000 masks distributed
- Traffic: -3%
- Parking: -30%
  - 720 monthly cancellations
- Projects: on schedule



*Staff participating in mask distribution*

# Parking Enforcement

- Enforcement
  - No regular Enforcement since March
    - Ambassadors
    - Warning Citations
    - Will begin with Governor's Phase 3
- Supplies for Citations
  - Coincides with return of enforcement
  - Benefits Teacher Supply Warehouse



**GUILFORD**  
EDUCATION ALLIANCE



**GREENSBORO**  
NORTH CAROLINA

PURPOSE DRIVEN | PEOPLE CENTERED | DATA INFORMED

# Parking Decks

- PARCS System
  - November 2020 Installation
  - All decks
- Eugene Street Deck
  - 90% complete
  - Opening Fall 2020



*Eugene Street Deck, looking west*



**GREENSBORO**  
NORTH CAROLINA

PURPOSE DRIVEN | PEOPLE CENTERED | DATA INFORMED

# Transit



*Electric GTA bus, charging at Depot*

- 30 Min Schedule, Sept 1
  - Leveraging federal CARES Act & SCAT savings
- Sustainable funding strategy
  - Evaluating efficiencies and options for FY 21
  - 2016 Bond fully spent
  - Operational funding needs
  - Capital needs
- Depot renovations underway

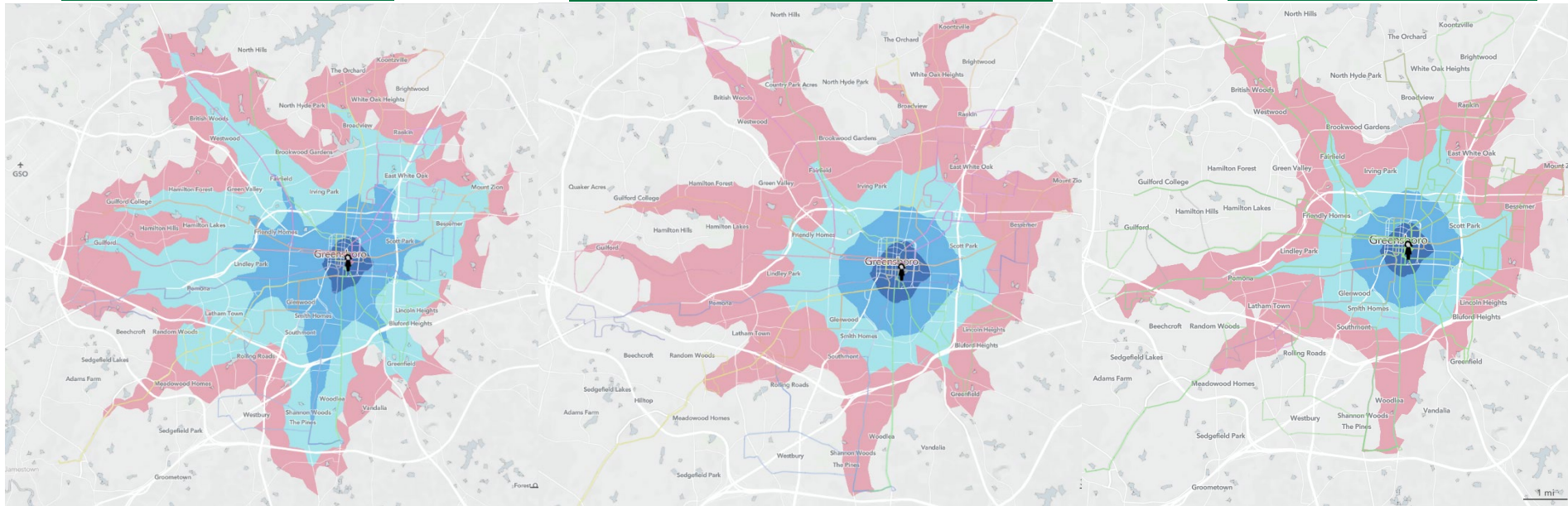


# 2020 Service Snapshot

## Weekday Service

## Saturday & Evening Service

## Sunday Service



### Travel Time (Minutes)

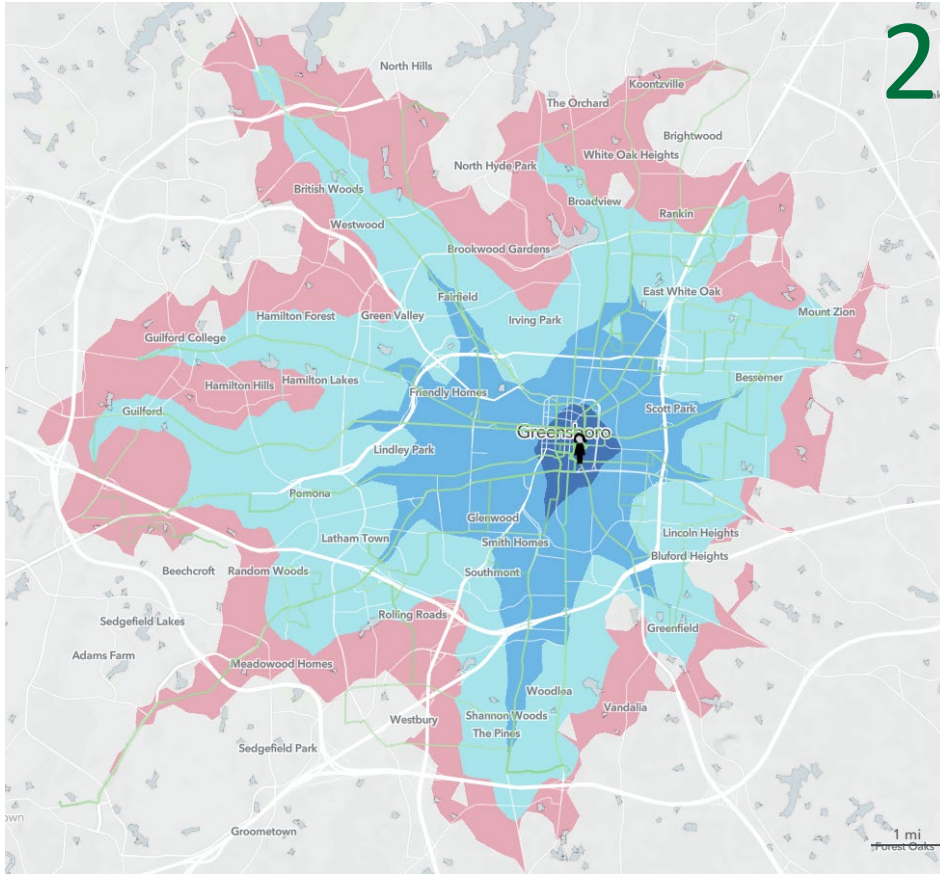
15

30

45

60

# 2020 Transit Reach



## 2020 Travel Time from Depot

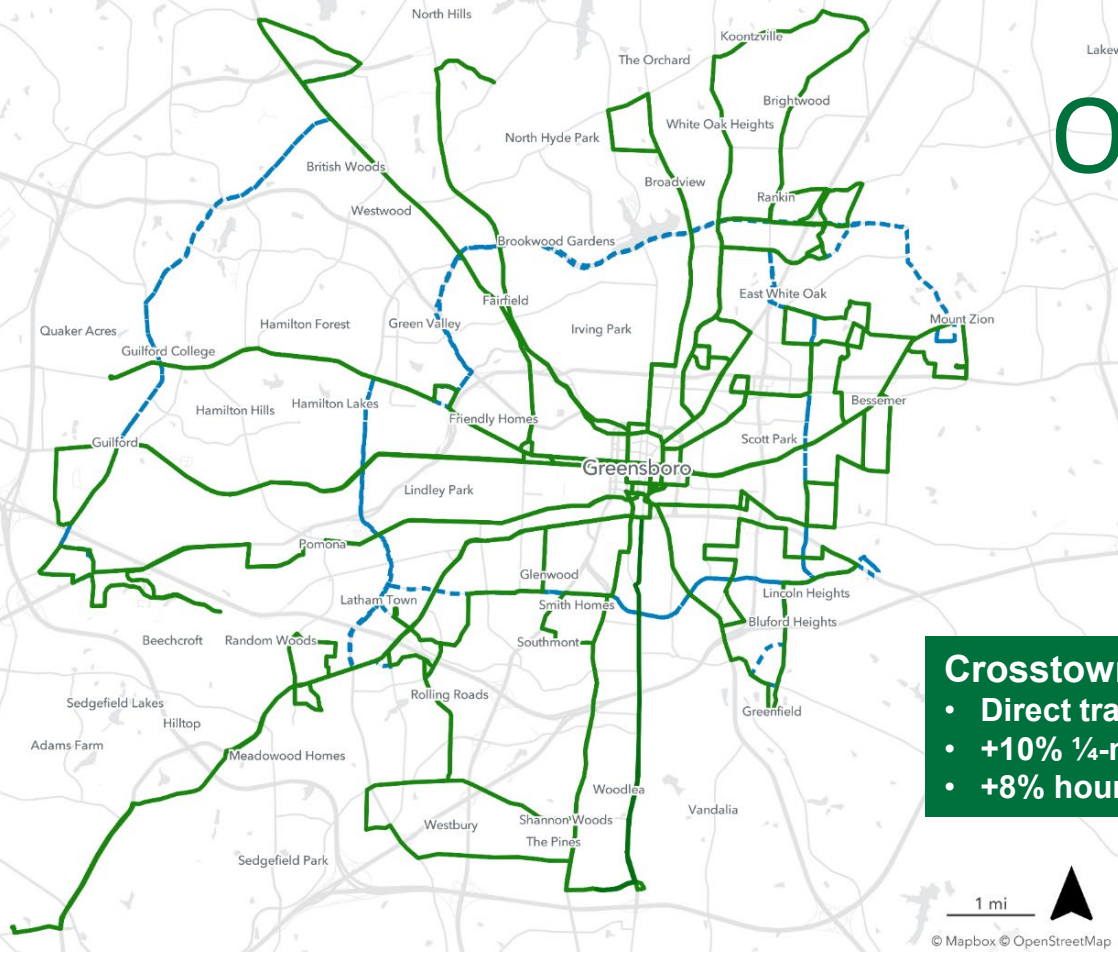
Travel Time (Minutes)	Access to Jobs	Access to Essential Jobs	Population Access
15	15,286 (3%)	20% (4%)	4,135 (21%)
30	50,035 (38%)	51% (40%)	49,436 (51%)
45	105,819 (23%)	65% (7%)	133,033 (34%)
60	136,494 (8%)	68% (2%)	199,119 (15%)

- Since 2017, 30 Min access to...
  - 51% more people
  - 38% more jobs



# Outlook

- 1 Spring Garden / W Wendover
- 2 Four Seasons
- 3 N Elm / Church
- 4 MLK Jr / Benbow / Willow
- 5 Gorrell Street
- 6 Summit Avenue
- 7 Friendly Avenue
- 8 Battleground Avenue
- 9 West Market Street
- 10 East Market St.
- 11 Gate City Blvd
- 12 S. Elm-Eugene
- 12-A South Town Connector
- 13 Randleman
- 14 Bessemer Ave./Phillips Ave.
- 15 Yanceyville St./Brightwood Scl
- 17 Lawndale Drive
- ..... Cone Crosstown
- ..... Florida Crosstown
- ..... Holden Crosstown
- ..... New Garden Crosstown
- ..... Willow/English Crosstown



## Crosstown Enhancements

- Direct travel improvements
- +10% 1/4-mile access
- +8% hourly access

# Micromobility

- Pilot program complete
- RFP pending
- Ordinance changes
  - Definitions
  - Establish regulatory structure



*Lime Scooter Rider Training, 2019*

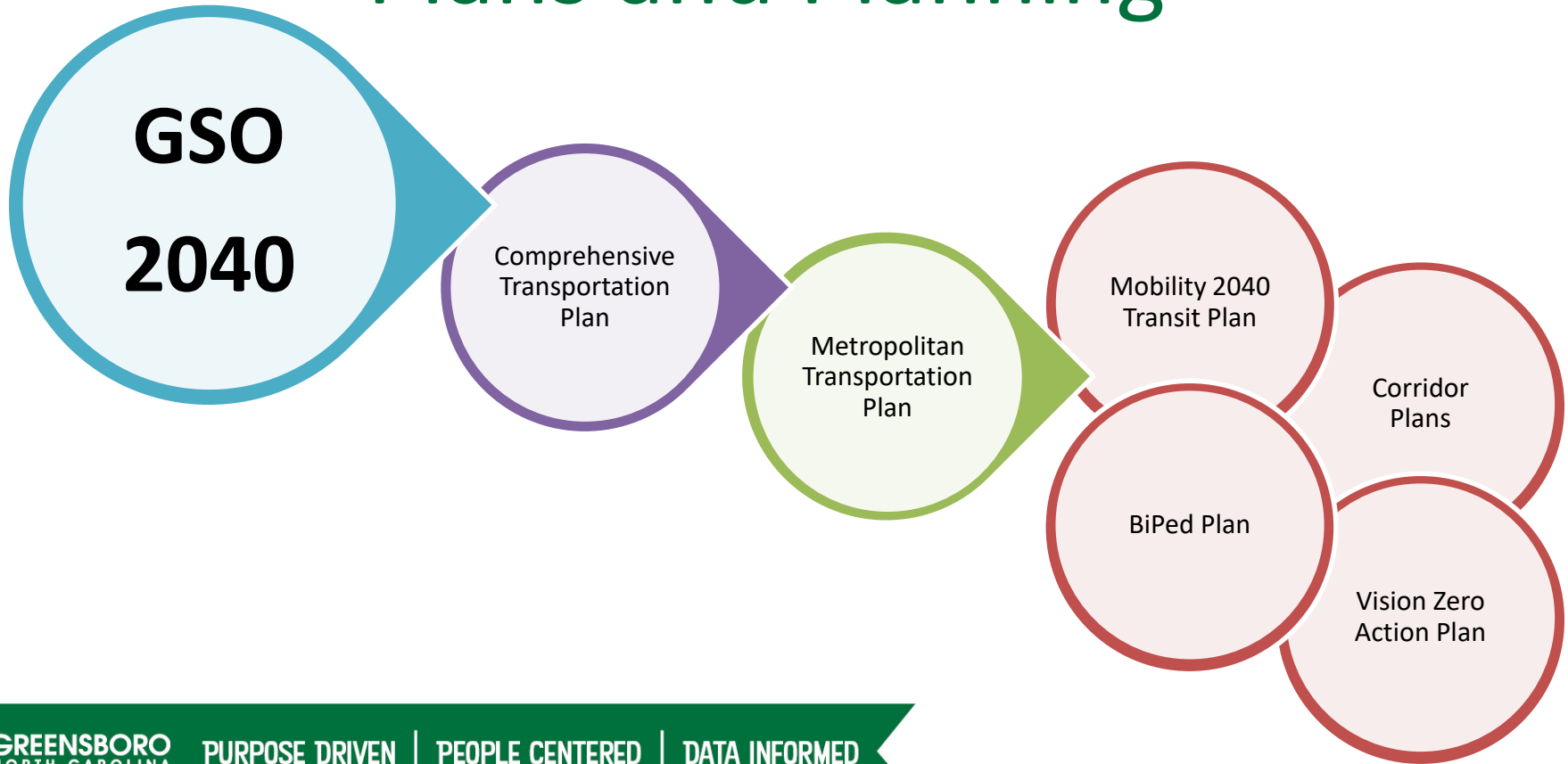
# Project & Funding Outlook



*Construction underway, Horsepen Creek Road*

- Projects Since 2008...
  - 58 miles of sidewalk & greenway,
  - 13 intersections
  - 10 miles of roadway improvements
- Current bond balance
  - \$23 million (2008 + 2016)
  - Tied to FY 21-22 projects
  - Limited flexibility to add new projects
  - Insufficient to match fed/state revenues post 2021/22
- Funding Outlook
  - Substantial design pipeline post FY 22
  - Matching funds leverage \$6 million annually in state & federal funds

# Plans and Planning



**GREENSBORO**  
NORTH CAROLINA

PURPOSE DRIVEN | PEOPLE CENTERED | DATA INFORMED

# Transportation Impact Study (TIS)

- What is it?
  - Evaluates impact of development on network
  - Prepared by developer
  - Reviewed and approved by GDOT and/or NCDOT
  - Identifies recommended improvements
- Required if...
  - > 150 peak hour trips or 1,500 daily trips
- May be required if...
  - > 100 peak hour trips or 1,000 daily trips





# Transportation Impact Study (TIS)



Scope Study

Background Traffic

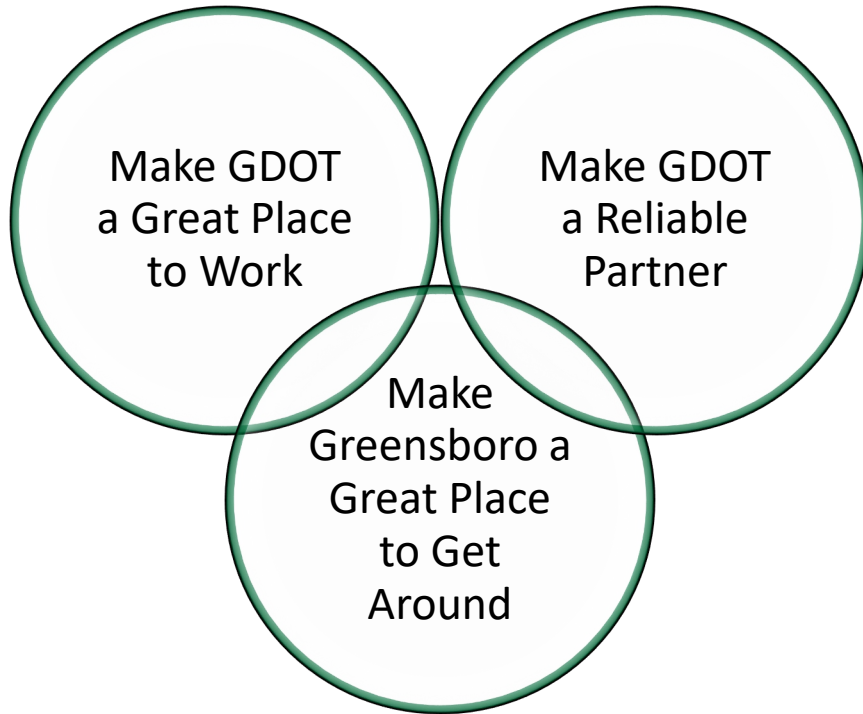
Trip Generation  
(Site Traffic)

Build-out Traffic

Capacity Analysis

Recommendations

# Department Strategic Plan



- Priority actions
- Timeframe (6-12-24 mo)
- Measures of success

# Questions | Discussion

Hanna Cockburn, AICP

Director of Transportation

336-373-2861

[Johanna.Cockburn@greensboro-nc.gov](mailto:Johanna.Cockburn@greensboro-nc.gov)



GREENSBORO  
NORTH CAROLINA

PURPOSE DRIVEN | PEOPLE CENTERED | DATA INFORMED