### AURA, 1000 MARTIN LUTHER KING JR. BLVD.

FEBRUARY 10, 2021





### **AGENDA**

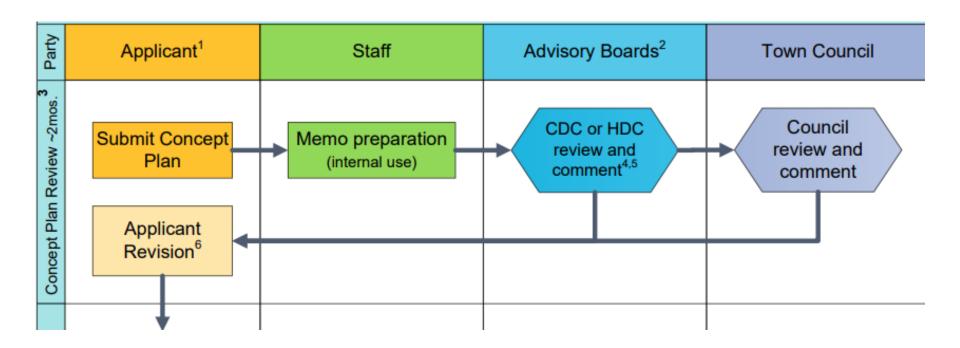
- Welcome and Introductions
- Background
- Town Projects
- Traffic Impact Analysis
- Questions and Answers

### **MEETING PROTOCOLS**

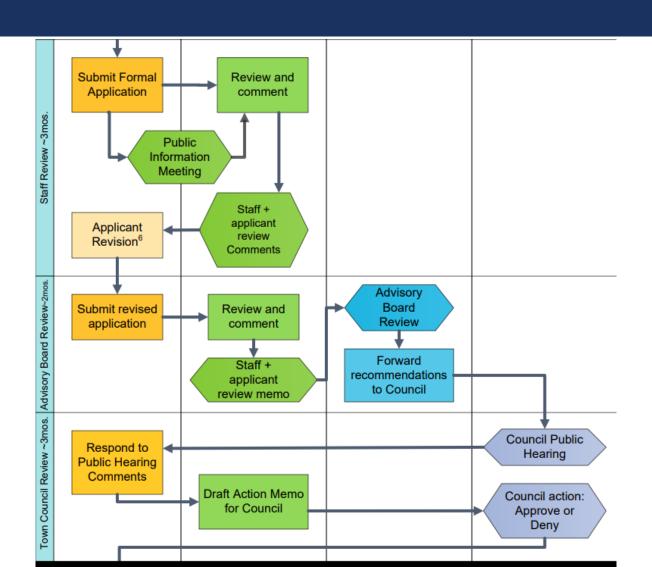
### **Helpful Hints**

- Please mute your microphones when you are not speaking
- Ask one question at a time and then let the next person speak
- Meeting is recorded and will be made available online
- Anything added to the chat is part of the public record
- To speak, either raise your hand or type "speak" in the chat. To raise your hand:
  - On your laptop, click on "reactions" on the bottom right of screen
  - On your ipad, tap the screen, click on the 3 ellipsis (dots), and select "Raise Hand"
  - On your phone, tap on the screen, click on the 3 ellipsis (dots), and select "Raise Hand"
- Project information: <a href="http://chplan.us/AuraCZ">http://chplan.us/AuraCZ</a>

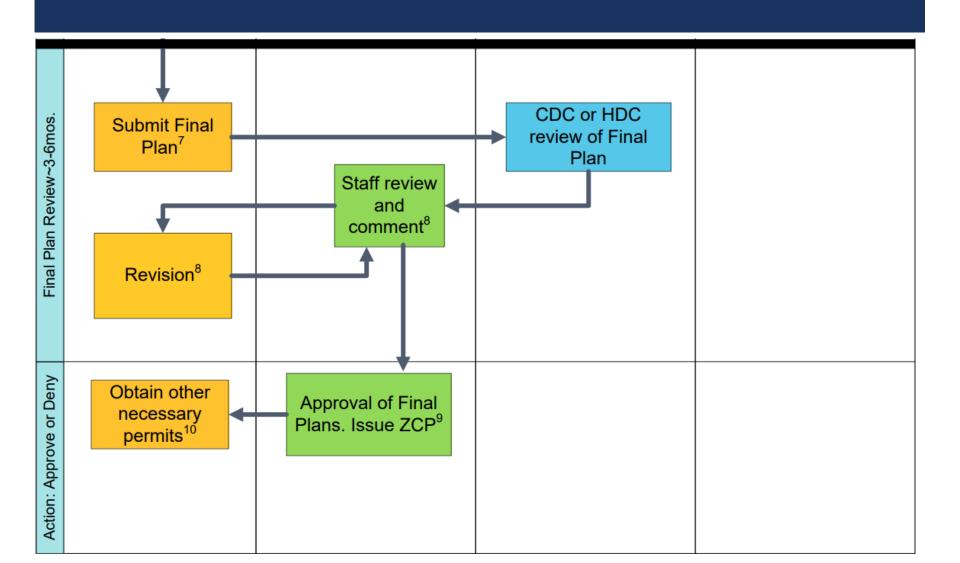
### REVIEW PROCESS – CONCEPT PLAN



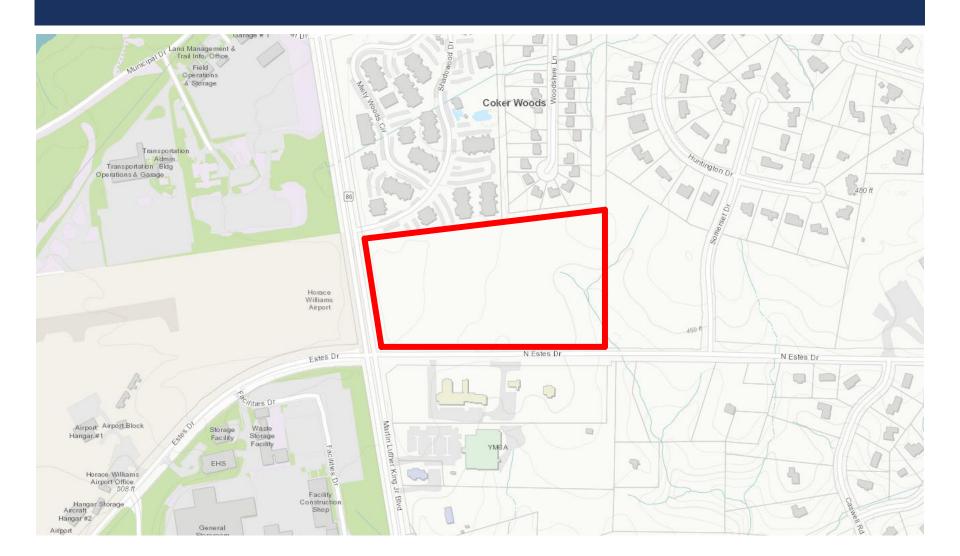
### **REVIEW PROCESS – FORMAL REVIEW**



### **REVIEW PROCESS – FINAL PLAN**



### Aura Development



### **Upcoming Town Transportation Projects**

- Estes Drive Bike-Pedestrian Improvements
- Estes Drive Extension Bike-Pedestrian Improvements
- North-South Bus Rapid Transit

### ESTES DRIVE BIKE-PEDESTRIAN IMPROVEMENTS



- Raised bike lanes
- Sidewalk (south side)
- Multiuse Path (north side)
- Additional turn lanes at MLK
- Mid-block crosswalks (with RRFB) at Somerset and Caswell
- Construction starting this spring ( )

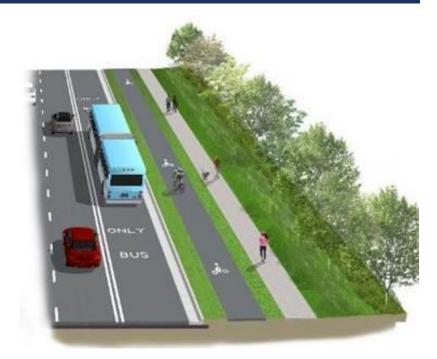
### ESTES EXTENSION BIKE-PEDESTRIAN IMPROVEMENTS



- Funding available in FY22 to begin design
- Hope to match Estes Drive cross-section
- Will include dual left turns onto northbound Martin Luther King Jr. Blvd.

### NORTH-SOUTH BUS RAPID TRANSIT

- High frequency service along NC 86 between
   Southern Village and Eubanks P&R
- 16 proposed stations
- Bus only lanes and transit signal priority
- Construction anticipated in spring 2024



Traffic Impact Analysis
Methodology and
Results









# Traffic Impact Analysis Methodology and Results

**TIA Basic Elements** 





### Traffic Impact Analysis Components

- Existing (2020) Operations
- No-Build (2024) Operations
- Site Trip Generation and Distribution
- Build (2024) Operations
- Build (2024) with Improvements

### **Basic Elements**

- Roadway Geometry (lanes, turns)
- Traffic Control (signals, stop signs)
- Coordinated signal timings
- Pedestrian Crossings/Signals
- Transit Routes/Facilities
- Traffic/Pedestrian Volumes

# Traffic Impact Analysis Methodology and Results

Study Area





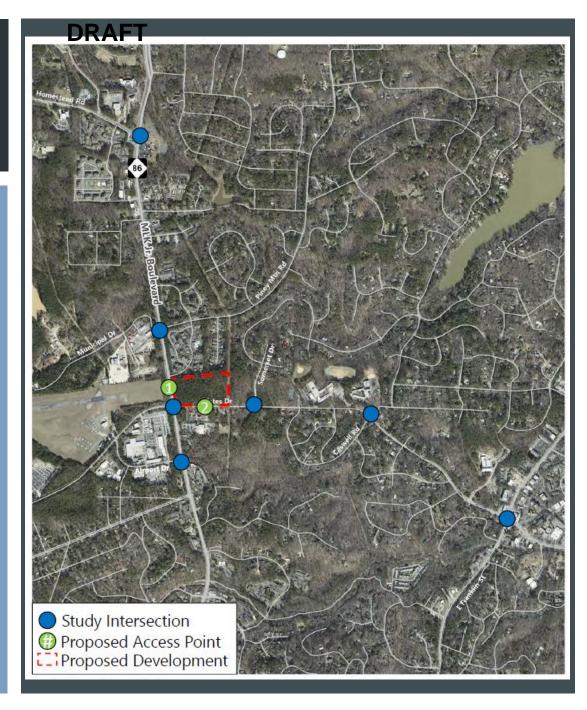
- Martin Luther King Jr. Blvd (NC 86) at Airport Dr
- Martin Luther King Jr. Blvd (NC 86) at Estes Dr
- Martin Luther King Jr. Blvd (NC 86) at Piney Mountain Rd/Municipal Dr
- Martin Luther King Jr. Blvd (NC 86) at Homestead Rd
- Estes Dr at Somerset Dr
- Estes Dr at Caswell Rd
- Estes Dr at Franklin St
- Martin Luther King Jr. Blvd (NC 86) at Future Access #1
- Estes Dr at Future Access #2

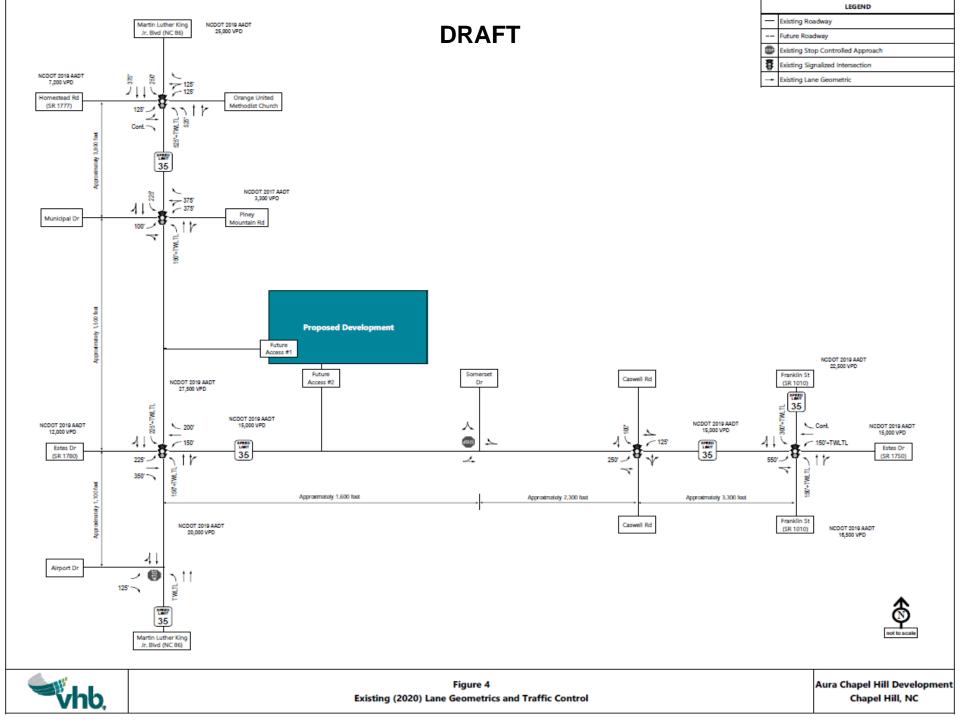
Traffic Impact Analysis
Methodology and
Results

Study Area







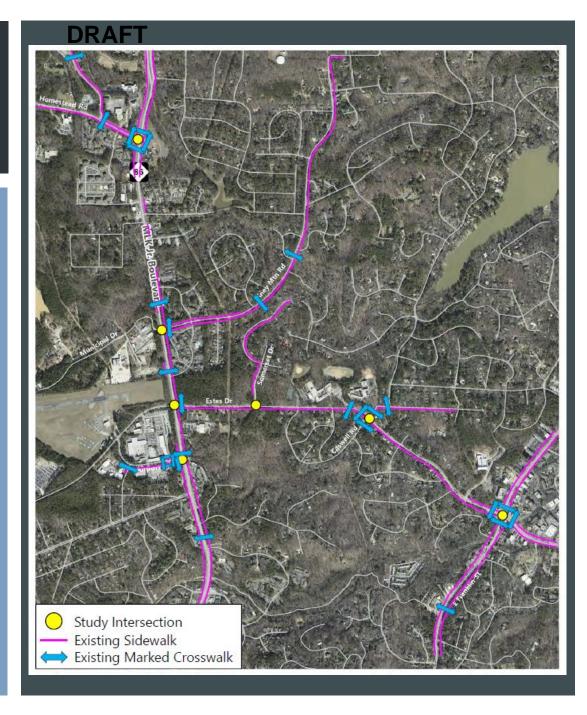


Traffic Impact Analysis
Methodology and
Results

Existing Bicycle and Pedestrian Facilities





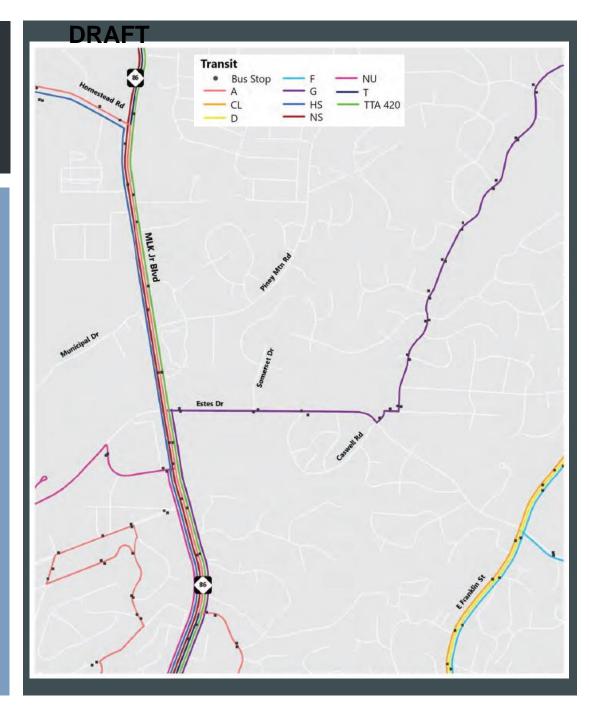


### **Traffic Impact Analysis**

**Existing Transit Routes** 







# Traffic Impact Analysis Methodology and Results

**Data Collection** 





- Counts recorded on Tuesday, January 28, 2020.
  - Prior to COVID-19 pandemicrelated travel impacts
  - AM Peak: 7:00 9:00
  - Noon Peak: 11:00 1:00
  - PM Peak: 4:00 6:00
- Highest peak hour AM, Noon, and PM volumes recorded at individual intersections were analyzed.

# Traffic Impact Analysis Methodology and Results

Crash Analysis





- Five-year history obtained from NCDOT TEAAS for crashes along Martin Luther King Jr. Blvd and Estes Dr within vicinity of the site.
- Highest number of crashes was observed at Martin Luther King Jr. Blvd (NC 86) and Estes Dr.
- Both roadways exceed statewide average rates for total crashes, nonfatal injury crashes, night crashes, and wet road crashes.
  - Statewide averages obtained for similar roadway facilities.

# Traffic Impact Analysis Methodology and Results

Existing (2020) Results





| DRAFT   | Traffic      | Existing (2020) |        |        |  |  |  |
|---|--------------|-----------------|--------|--------|--|--|--|
| Intersection and Approach                     | Control      | AM              | Noon   | PM     |  |  |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              |                 |        |        |  |  |  |
| Airport Road                                  | Unsignalized | -               | -      | -      |  |  |  |
| Eastbound                                     | 3            | C-18.0          | B-12.8 | C-16.4 |  |  |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              | D               | С      | D      |  |  |  |
| Estes Drive (SR 1750/SR 1780)                 |              | (38.4)          | (32.6) | (54.2) |  |  |  |
| Eastbound                                     | C: l:l       | E-56.6          | D-53.2 | E-63.4 |  |  |  |
| Westbound                                     | Signalized   | D-37.0          | D-43.5 | F-82.3 |  |  |  |
| Northbound                                    |              | D-42.4          | C-25.1 | D-52.5 |  |  |  |
| Southbound                                    |              | C-29.5          | C-21.1 | C-28.1 |  |  |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              | Α               | Α      | В      |  |  |  |
| Piney Mountain Road/Municipal Drive           |              | (8.4)           | (5.4)  | (10.3) |  |  |  |
| Eastbound                                     | Signalized   | E-61.0          | E-59.4 | E-71.8 |  |  |  |
| Westbound                                     | Signalized   | E-65.3          | E-57.6 | E-70.9 |  |  |  |
| Northbound                                    |              | A-3.9           | A-2.5  | A-4.2  |  |  |  |
| Southbound                                    |              | A-3.0           | A-1.3  | A-8.9  |  |  |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              | C               | C      | С      |  |  |  |
| Homestead Road (SR 1777)/Church Driveway      |              | (22.6)          | (21.3) | (20.2) |  |  |  |
| Eastbound                                     | Signalized   | D-53.1          | D-46.3 | D-54.8 |  |  |  |
| Westbound                                     | Signanzea    | D-51.3          | D-45.5 | E-58.6 |  |  |  |
| Northbound                                    |              | B-10.4          | B-18.4 | B-12.8 |  |  |  |
| Southbound                                    |              | B-19.9          | B-12.6 | B-18.6 |  |  |  |
| Estes Drive and Somerset Drive                | Unsignalized | -               | -      | -      |  |  |  |
| Southbound                                    | Orisignanzea | C-18.2          | C-15.4 | D-25.8 |  |  |  |
| Estes Drive and Casewll Drive                 |              | В               | Α      | В      |  |  |  |
| Estes Dilve una Casewii Dilve                 |              | (13.9)          | (9.7)  | (18.6) |  |  |  |
| Eastbound                                     | Signalized   | A-6.7           | A-3.3  | A-6.6  |  |  |  |
| Westbound                                     | 3.grianzea   | B-12.9          | A-8.4  | B-19.7 |  |  |  |
| Northbound                                    |              | C-34.5          | D-37.0 | C-34.2 |  |  |  |
| Southbound                                    |              | D-48.8          | D-46.4 | D-54.0 |  |  |  |
| Franklin Street (SR 1010) and Estes Drive (SR |              | D               | D      | E      |  |  |  |
| 1750)   |              | (48.5)          | (47.9) | (58.0) |  |  |  |
| Eastbound                                     | Signalized   | E-66.0          | E-55.9 | E-67.0 |  |  |  |
| Westbound                                     | Jigilalizea  | D-49.5          | D-49.6 | E-62.5 |  |  |  |
| Northbound                                    |              | D-37.3          | D-44.2 | D-54.2 |  |  |  |
| Southbound                                    |              | D-39.7          | D-43.5 | D-52.7 |  |  |  |

# Traffic Impact Analysis Methodology and Results

No-Build (2024) Volume Development





- One-half percent (0.5%) annual growth applied between existing year (2020) and build year (2024).
- Site trips from three (3) background developments also included:
  - 1200 MLK Redevelopment
  - Retirement Residence at Somerset Drive
  - University Place Redevelopment
- Background roadway improvements from Estes Drive Connectivity Project were included.

# Traffic Impact Analysis Methodology and Results

No-Build (2024) Results





| DRAFT   | Traffic      | No-Build (2024) |        |        |  |  |
|---|--------------|-----------------|--------|--------|--|--|
| Intersection and Approach                     | Control      | AM              | Noon   | PM     |  |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              |                 |        |        |  |  |
| Airport Road                                  | Unsignalized | -               | -      | -      |  |  |
| Eastbound                                     |              | C-18.9          | B-13.3 | C-17.6 |  |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              | D               | С      | D      |  |  |
| Estes Drive (SR 1750/SR 1780)                 |              | (35.4)          | (30.1) | (48.8) |  |  |
| Eastbound                                     | Signalized   | E-57.8          | D-43.8 | E-64.3 |  |  |
| Westbound                                     | Signalized   | D-47.3          | D-48.7 | E-68.3 |  |  |
| Northbound                                    |              | C-31.1          | C-22.8 | D-48.4 |  |  |
| Southbound                                    |              | C-23.6          | B-16.8 | C-25.6 |  |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              | Α               | Α      | В      |  |  |
| Piney Mountain Road/Municipal Drive           |              | (8.6)           | (5.1)  | (10.6) |  |  |
| Eastbound                                     | Signalized   | E-61.0          | E-59.4 | E-72.0 |  |  |
| Westbound                                     | Signanzea    | E-65.5          | E-57.7 | E-71.3 |  |  |
| Northbound                                    |              | A-4.6           | A-2.2  | A-5.2  |  |  |
| Southbound                                    |              | A-3.0           | A-1.5  | A-8.3  |  |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              | C               | С      | С      |  |  |
| Homestead Road (SR 1777)/Church Driveway      |              | (23.2)          | (21.1) | (20.6) |  |  |
| Eastbound                                     | Signalized   | D-53.1          | D-46.5 | D-54.7 |  |  |
| Westbound                                     | . Jigilanzea | D-51.3          | D-45.5 | E-58.6 |  |  |
| Northbound                                    |              | B-11.0          | B-18.0 | B-13.3 |  |  |
| Southbound                                    |              | C-21.0          | B-13.0 | B-19.3 |  |  |
| Estes Drive and Somerset Drive                | Unsignalized | -               | -      | -      |  |  |
| Southbound                                    | onerg        | C-19.7          | C-16.9 | D-32.2 |  |  |
| Estes Drive and Casewll Drive                 |              | В               | Α      | В      |  |  |
|   |              | (14.3)          | (9.8)  | (19.6) |  |  |
| Eastbound                                     | Signalized   | A-7.1           | A-3.6  | A-7.3  |  |  |
| Westbound                                     |              | B-13.7          | A-8.8  | C-21.7 |  |  |
| Northbound                                    |              | C-34.3          | D-36.9 | C-34.8 |  |  |
| Southbound                                    |              | D-48.9          | D-46.6 | E-56.8 |  |  |
| Franklin Street (SR 1010) and Estes Drive (SR |              | D               | D      | E      |  |  |
| 1750)   |              | (49.8)          | (49.1) | (64.0) |  |  |
| Eastbound                                     | Signalized   | E-66.1          | D-54.6 | E-69.2 |  |  |
| Westbound                                     |              | D-47.1          | D-47.7 | E-68.6 |  |  |
| Northbound                                    |              | D-39.2          | D-48.0 | E-63.0 |  |  |
| Southbound                                    |              | D-43.0          | D-46.7 | E-58.2 |  |  |

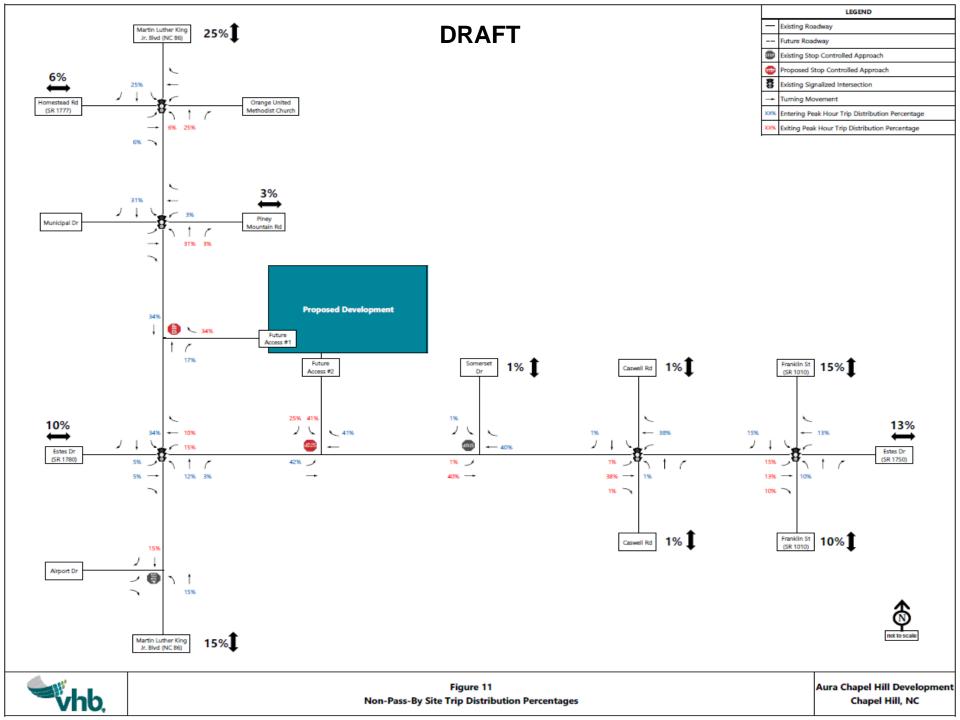
# Traffic Impact Analysis Methodology and Results

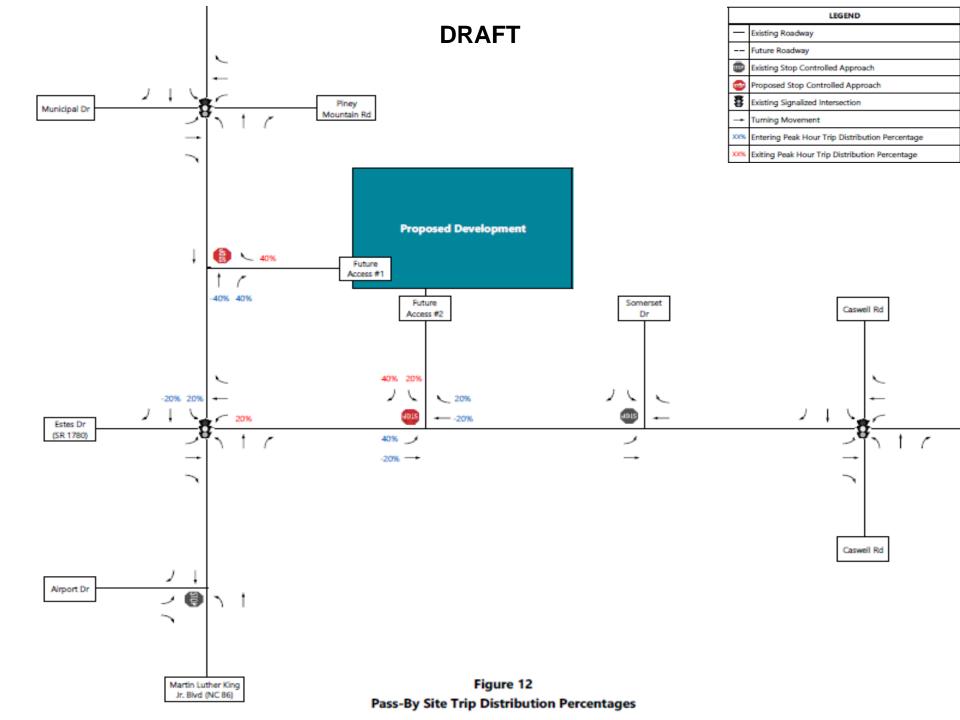
Trip Generation and Distribution





- 361 Mid-Rise Apartments
- 58 Townhomes
- 11,596-sf Mixed-Use
  - 3,032-sf Small Office Building
  - 8,564-sf Retail
- 10% Transit Reduction assumed due to existing bus facilities adjacent to the site.
- Site is expected to generate 2,950 daily external trips.
  - 210 AM peak hour trips
  - 219 Noon peak hour trips
  - 228 PM peak hour trips





# Traffic Impact Analysis Methodology and Results

Build (2024) Results





| DRAFT Intersection and Approach               | Traffic      | В      | )      |         |  |
|---|--------------|--------|--------|---------|--|
| Intersection and Approach                     | Control      | AM     | Noon   | PM      |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              |        |        |         |  |
| Airport Road                                  | Unsignalized | -      | -      | -       |  |
| Eastbound                                     | _            | C-19.2 | B-13.4 | C-17.8  |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              | D      | С      | D       |  |
| Estes Drive (SR 1750/SR 1780)                 |              | (36.2) | (31.8) | (52.3)  |  |
| Eastbound                                     | Signalized   | E-58.4 | D-44.1 | E-66.5  |  |
| Westbound                                     | Signalized   | D-48.8 | D-48.5 | E-69.9  |  |
| Northbound                                    |              | C-33.4 | C-24.9 | D-50.3  |  |
| Southbound                                    |              | C-23.5 | C-20.1 | C-33.5  |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              | Α      | Α      | В       |  |
| Piney Mountain Road/Municipal Drive           |              | (8.6)  | (5.1)  | (10.8)  |  |
| Eastbound                                     | Signalized   | E-61.0 | E-59.4 | E-72.0  |  |
| Westbound                                     | Signalized   | E-65.4 | E-58.0 | E-71.3  |  |
| Northbound                                    |              | A-4.3  | A-2.4  | A-5.5   |  |
| Southbound                                    |              | A-3.3  | A-1.2  | A-8.6   |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              | C      | С      | С       |  |
| Homestead Road (SR 1777)/Church Driveway      |              | (23.2) | (21.8) | (20.7)  |  |
| Eastbound                                     | Signalized   | D-53.1 | D-46.6 | D-54.6  |  |
| Westbound                                     | Signanzed    | D-51.3 | D-45.5 | E-58.6  |  |
| Northbound                                    |              | B-10.9 | B-19.6 | B-13.3  |  |
| Southbound                                    |              | C-21.4 | B-13.3 | B-19.6  |  |
| Estes Drive and Somerset Drive                | Unsignalized | -      | -      | -       |  |
| Southbound                                    | Orisignanzea | C-21.1 | C-18.2 | E-36.1  |  |
| Estes Drive and Casewll Drive                 |              | В      | Α      | С       |  |
| Estes silve and casewii silve                 |              | (14.7) | (9.9)  | (21.1)  |  |
| Eastbound                                     | Signalized   | A-7.8  | A-3.8  | A-8.0   |  |
| Westbound                                     | Signanzea    | B-14.3 | A-9.3  | C-24.6  |  |
| Northbound                                    |              | C-34.4 | D-37.3 | C-35.0  |  |
| Southbound                                    |              | D-48.9 | D-46.7 | E-57.3  |  |
| Franklin Street (SR 1010) and Estes Drive (SR |              | D      | D      | E       |  |
| 1750)   |              | (52.9) | (50.2) | (69.3)  |  |
| Eastbound                                     | Signalized   | E-70.1 | D-53.4 | E-72.7  |  |
| Westbound                                     |              | D-42.0 | D-46.9 | F-81.7  |  |
| Northbound                                    |              | D-42.7 | D-51.1 | E-61.8  |  |
| Southbound                                    |              | D-48.4 | D-49.7 | E-65.1  |  |
| Martin Luther King Jr. Boulevard (NC 86) and  |              | _      | _      |         |  |
| Future Access #1                              | Unsignalized |        |        | ·····   |  |
| Westbound                                     |              | B-13.3 | B-12.5 | C-23.2  |  |
| Estes Drive (SR 1750) and Future Access #2    | Unsignalized |        |        | -       |  |
| Southbound                                    | - 3          | F-60.5 | E-36.0 | F-166.5 |  |

# Traffic Impact Analysis Methodology and Results

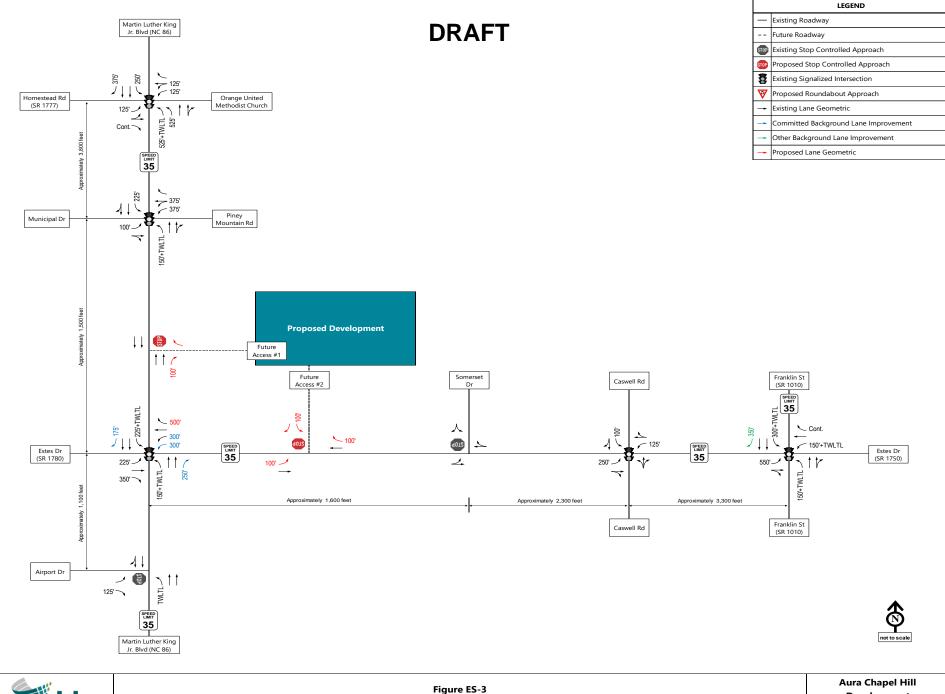
Recommended Improvements





- Right-in/right-out only access along Future Access #1 at Martin Luther King Jr. Blvd (NC 86)
  - Construct an exclusive northbound rightturn lane with 100 ft of storage.
  - Provide a high-visibility crosswalk across the driveway.
- Full movement access along Future Access #2 at Estes Dr.
  - Single ingress lane with two (2) egress lanes. Provide at least 100 feet of internal protected storage for both lanes.
  - Construct an exclusive eastbound leftturn lane with at least 100 ft of storage.
  - Construct an exclusive westbound rightturn lane with at last 100 ft of storage.
  - Provide a high-visibility crosswalk across the driveway.
- Extend the storage of the existing westbound right-turn lane along Estes Dr at Martin Luther King Jr. Blvd (NC 86) to 500 ft.

| Intersection and Approach                     | Traffic<br>Control | Ex     | Existing (2020) AM Noon |        | No-Build (2024) |        |        | Build (2024) |        |         | Build (2024) with<br>Improvements |        |        |
|---|--------------------|--------|-------------------------|--------|-----------------|--------|--------|--------------|--------|---------|-----------------------------------|--------|--------|
|   | 20.101             | AM     | Noon                    | PM'    | ĀM              | Noon   | PM     | AM           | Noon   | PM      | AM                                | Noon   | PM     |
| Martin Luther King Jr. Boulevard (NC 86) and  |                    | _      | _                       | _      | _               | _      | _      | _            | _      | _       | _                                 | _      | _      |
| Airport Road                                  | Unsignalized       | -      | _                       | _      | _               | _      | _      | _            | _      | _       | _                                 | _      | -      |
| Eastbound                                     |                    | C-18.0 | B-12.8                  | C-16.4 | C-18.9          | B-13.3 | C-17.6 | C-19.2       | B-13.4 | C-17.8  | C-19.2                            | B-13.4 | C-17.8 |
| Martin Luther King Jr. Boulevard (NC 86) and  |                    | D      | С                       | D      | D               | С      | D      | D            | С      | D       | D                                 | С      | D      |
| Estes Drive (SR 1750/SR 1780)                 |                    | (38.4) | (32.6)                  | (54.2) | (35.4)          | (30.1) | (48.8) | (36.2)       | (31.8) | (52.3)  | (36.2)                            | (31.7) | (52.3) |
| Eastbound                                     | Cianalizad         | E-56.6 | D-53.2                  | E-63.4 | E-57.8          | D-43.8 | E-64.3 | E-58.4       | D-44.1 | E-66.5  | E-58.4                            | D-44.1 | E-66.5 |
| Westbound                                     | . Signalized       | D-37.0 | D-43.5                  | F-82.3 | D-47.3          | D-48.7 | E-68.3 | D-48.8       | D-48.5 | E-69.9  | D-48.8                            | D-48.5 | E-69.9 |
| Northbound                                    | 1                  | D-42.4 | C-25.1                  | D-52.5 | C-31.1          | C-22.8 | D-48.4 | C-33.4       | C-24.9 | D-50.3  | C-33.4                            | C-24.7 | D-50.3 |
| Southbound                                    |                    | C-29.5 | C-21.1                  | C-28.1 | C-23.6          | B-16.8 | C-25.6 | C-23.5       | C-20.1 | C-33.5  | C-23.5                            | B-20.0 | C-33.5 |
| Martin Luther King Jr. Boulevard (NC 86) and  |                    | Α      | Α                       | В      | Α               | Α      | В      | Α            | Α      | В       | Α                                 | Α      | В      |
| Piney Mountain Road/Municipal Drive           |                    | (8.4)  | (5.4)                   | (10.3) | (8.6)           | (5.1)  | (10.6) | (8.6)        | (5.1)  | (10.8)  | (8.6)                             | (5.1)  | (10.8) |
| Eastbound                                     | Cianalizad         | E-61.0 | E-59.4                  | E-71.8 | E-61.0          | E-59.4 | E-72.0 | E-61.0       | E-59.4 | E-72.0  | E-61.0                            | E-59.4 | E-72.0 |
| Westbound                                     | . Signalized       | E-65.3 | E-57.6                  | E-70.9 | E-65.5          | E-57.7 | E-71.3 | E-65.4       | E-58.0 | E-71.3  | E-65.4                            | E-58.0 | E-71.3 |
| Northbound                                    |                    | A-3.9  | A-2.5                   | A-4.2  | A-4.6           | A-2.2  | A-5.2  | A-4.3        | A-2.4  | A-5.5   | A-4.3                             | A-2.4  | A-5.5  |
| Southbound                                    |                    | A-3.0  | A-1.3                   | A-8.9  | A-3.0           | A-1.5  | A-8.3  | A-3.3        | A-1.2  | A-8.6   | A-3.3                             | A-1.2  | A-8.6  |
| Martin Luther King Jr. Boulevard (NC 86) and  |                    | С      | С                       | С      | С               | С      | С      | С            | С      | С       | С                                 | С      | С      |
| Homestead Road (SR 1777)/Church Driveway      |                    | (22.6) | (21.3)                  | (20.2) | (23.2)          | (21.1) | (20.6) | (23.2)       | (21.8) | (20.7)  | (23.2)                            | (21.8) | (20.7) |
| Eastbound                                     | C:l:l              | D-53.1 | D-46.3                  | D-54.8 | D-53.1          | D-46.5 | D-54.7 | D-53.1       | D-46.6 | D-54.6  | D-53.1                            | D-46.6 | D-54.6 |
| Westbound                                     | Signalized         | D-51.3 | D-45.5                  | E-58.6 | D-51.3          | D-45.5 | E-58.6 | D-51.3       | D-45.5 | E-58.6  | D-51.3                            | D-45.5 | E-58.6 |
| Northbound                                    |                    | B-10.4 | B-18.4                  | B-12.8 | B-11.0          | B-18.0 | B-13.3 | B-10.9       | B-19.6 | B-13.3  | B-10.9                            | B-19.6 | B-13.3 |
| Southbound                                    |                    | B-19.9 | B-12.6                  | B-18.6 | C-21.0          | B-13.0 | B-19.3 | C-21.4       | B-13.3 | B-19.6  | C-21.4                            | B-13.3 | B-19.6 |
| Estes Drive and Somerset Drive                | 11                 | -      | -                       | -      | -               | -      | -      | -            | -      | -       | -                                 | -      | -      |
| Southbound                                    | - Unsignalized     | C-18.2 | C-15.4                  | D-25.8 | C-19.7          | C-16.9 | D-32.2 | C-21.1       | C-18.2 | E-36.1  | C-21.1                            | C-18.2 | E-36.1 |
|   |                    | В      | Α                       | В      | В               | Α      | В      | В            | Α      | С       | В                                 | Α      | С      |
| Estes Drive and Casewll Drive                 |                    | (13.9) | (9.7)                   | (18.6) | (14.3)          | (9.8)  | (19.6) | (14.7)       | (9.9)  | (21.1)  | (14.7)                            | (9.9)  | (21.1) |
| Eastbound                                     | Signalized         | A-6.7  | A-3.3                   | A-6.6  | A-7.1           | A-3.6  | A-7.3  | A-7.8        | A-3.8  | A-8.0   | A-7.8                             | A-3.8  | A-8.0  |
| Westbound                                     |                    | B-12.9 | A-8.4                   | B-19.7 | B-13.7          | A-8.8  | C-21.7 | B-14.3       | A-9.3  | C-24.6  | B-14.3                            | A-9.3  | C-24.6 |
| Northbound                                    |                    | C-34.5 | D-37.0                  | C-34.2 | C-34.3          | D-36.9 | C-34.8 | C-34.4       | D-37.3 | C-35.0  | C-34.4                            | D-37.3 | C-35.0 |
| Southbound                                    |                    | D-48.8 | D-46.4                  | D-54.0 | D-48.9          | D-46.6 | E-56.8 | D-48.9       | D-46.7 | E-57.3  | D-48.9                            | D-46.7 | E-57.3 |
| Franklin Street (SR 1010) and Estes Drive (SR | Signalized         | D      | D                       | E      | D               | D      | E      | D            | D      | Е       | D                                 | D      | Е      |
| 1750)   |                    | (48.5) | (47.9)                  | (58.0) | (49.8)          | (49.1) | (64.0) | (52.9)       | (50.2) | (69.3)  | (43.1)                            | (46.4) | (59.6) |
| Eastbound                                     |                    | E-66.0 | E-55.9                  | E-67.0 | E-66.1          | D-54.6 | E-69.2 | E-70.1       | D-53.4 | E-72.7  | D-47.8                            | D-53.4 | E-70.0 |
| Westbound                                     |                    | D-49.5 | D-49.6                  | E-62.5 | D-47.1          | D-47.7 | E-68.6 | D-42.0       | D-46.9 | F-81.7  | D-45.7                            | D-46.9 | E-66.0 |
| Northbound                                    |                    | D-37.3 | D-44.2                  | D-54.2 | D-39.2          | D-48.0 | E-63.0 | D-42.7       | D-51.1 | E-61.8  | D-46.1                            | D-51.1 | E-68.4 |
| Southbound                                    |                    | D-39.7 | D-43.5                  | D-52.7 | D-43.0          | D-46.7 | E-58.2 | D-48.4       | D-49.7 | E-65.1  | D-36.1                            | D-36.4 | D-40.0 |
| Martin Luther King Jr. Boulevard (NC 86) and  |                    |        |                         |        |                 |        |        |              |        |         |                                   |        |        |
| Future Access #1                              | Unsignalized       | N/A    | N/A                     | N/A    | N/A             | N/A    | N/A    | N/A          | N/A    | N/A     | N/A                               | N/A    | N/A    |
| Westbound                                     |                    |        |                         |        |                 |        |        | B-13.3       | B-12.5 | C-23.2  | B-13.2                            | B-12.4 | C-22.8 |
| Estes Drive (SR 1750) and Future Access #2    | Lineian - li       | N/A    | N/A                     | N/A    | N/A             | N/A    | N/A    | N/A          | N/A    | N/A     | N/A                               | N/A    | N/A    |
| Southbound                                    | - Unsignalized     |        |                         |        |                 |        |        | F-60.5       | E-36.0 | F-166.5 | E-45.6                            | D-29.4 | F-97.3 |



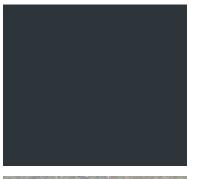


### Next Steps / Schedule

- Receive input from public
- Finalize Transportation Impact Analysis
- Present to Town Council













**Public Meeting Presentation** 





QUESTIONS AND DISCUSSION

