



Today's Agenda:

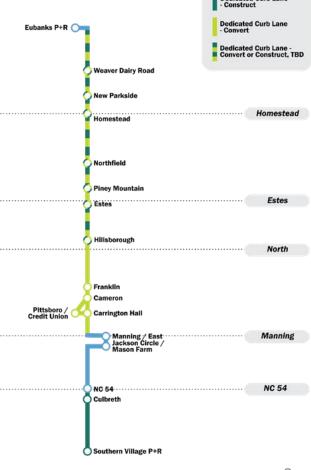
- Welcome
- Project Overview
- Recap: Station Design Workshops
- DRAFT: Station Area Concepts
- Discussion: Questions, Comments





Current Status

- Currently in FTA Project Development
 - Includes 30% Design & Environmental
- 30% Design
 - Further defining alignment and specific station locations from the initial Locally Preferred Alternative (LPA)
 - Traffic analysis
 - Integration of bicycle and pedestrian facilities
 - Station area analysis



Mixed Traffic

Dedicated Curb Lane





Technical and Policy Committees























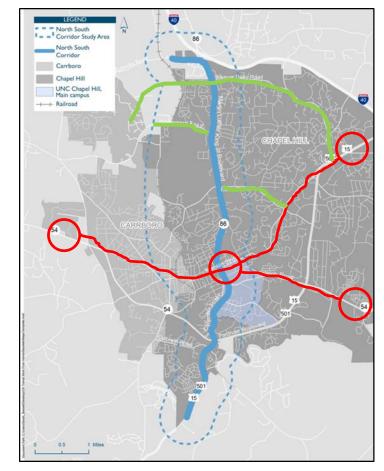




BRT Context and Goals

Prepares the Town and funding partners to meet mobility demand as the region continues to grow:

- Current system close to maximum capacity
- Proposed system provides a long-term, scalable solution for residents and visitors
- Connects to regional transit options
- Supports current and planned development in the corridor with a multi-modal system that serves cyclists, pedestrians and other users
- Contribute to regional equity, sustainability and quality of life.



Potential examples of future local bus connections

Potential future BRT corridors





8.5K Daily Ridership - Scale of Magnitude

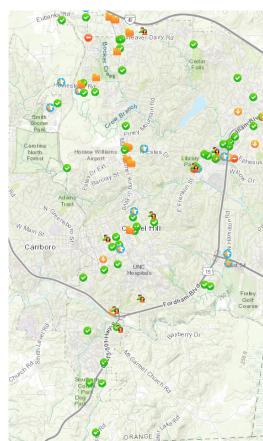


Dean Smith Center Capacity 21,750

Cameron Stadium Capacity 9,314



Town of Chapel Hill Development Activity Map







Purpose of the Engagement Events

- Lay the framework for station and station-area design and inform Transit Supportive Design (TSD) study.
- Engage stakeholders in the development of a TSD framework plan, including Town Council, Funding Partners, neighborhood interest groups, and the general public
- Input will inform development of station areas and TSD planning principles for consideration.
- Input will inform TSD and 30% design work









Next Steps

- Finalize Traffic Analysis Summer 2019
- Develop construct vs convert recommendation for northern portion – Late Summer 2019
- Market Study and TSD Study Drafts Fall 2019
- Draft 30% design Late Fall 2019
- Ongoing Community Engagement
 - Festifall, Cyclicious, UNC Fall Fest, Northside Neighborhood Night Out, etc.
 - Station Design and draft 30% design input sessions (TBD)
- Complete Environmental Analysis Late Spring 2020





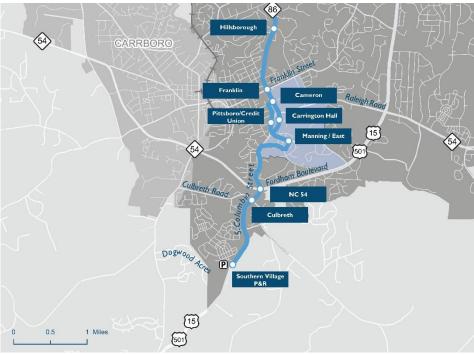






N-S BRT Station Areas









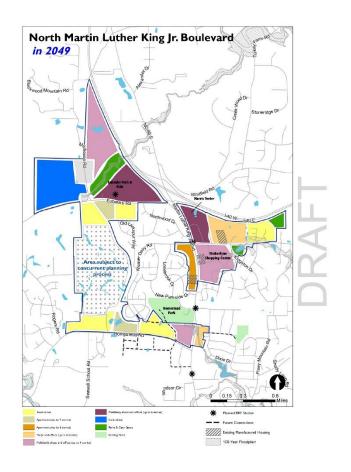


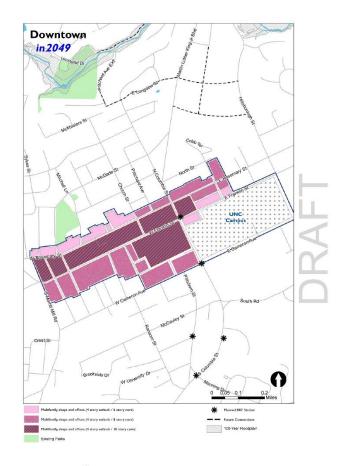


Downtown Station Areas (Franklin / Cameron) LEGEND 5 min. walk 1/4 Mi Radius

North Corridor Station Areas (Weaver Dairy Rd / New Stateside) LEGEND 1/4 Mi Radius **EXISTING CONDITIONS**

Draft Focus Area Blueprint Maps (Charting Our Future)







Revised Future Land Use Map

TOD Study

Rewritten LUMO

30,000 feet

20,000 feet

10,000 feet



Friday July 12: Council Work Session







Saturday, July 13: Community Input Session









What kinds of buildings? What kinds of public spaces (squares, parks, plazas)?





What existing public realm features (buildings, infrastructure, natural features) should remain in the long term future?





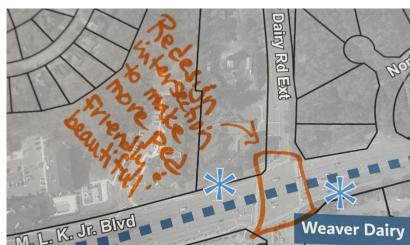
What uses are missing?

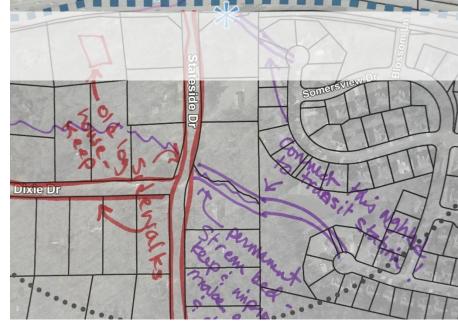




Is it easy to walk or bike? Where are better (ped, bike, vehicular) connections needed near proposed stations?

Examples of Community Drawings New Stateside







Fri, Sat, Sun: Open House & Focus Group Discussions

- Business
- Institutions and Local Government
- Seniors
- Developers and Property Managers
- Cyclists, Pedestrians, Commuters
- Accessibility



Building Form & Urban Design Preferences

Examples of Mixed-Use Buildings	Ex.	Examples of Residential Buildings			Examples of Streets and Public Spaces		
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Building Form & Urban Design Preferences



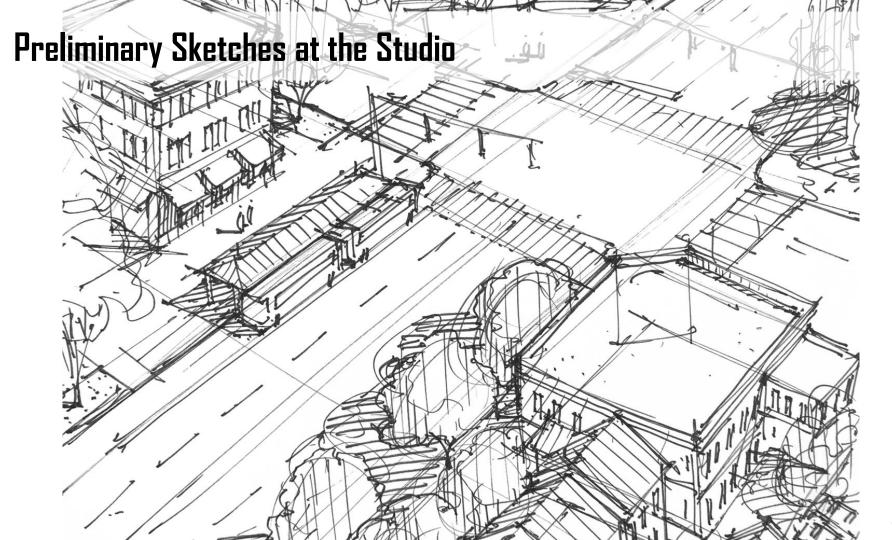




Mixed-use Buildings

Residential Buildings

Public Spaces



- 1. Different stations have different character (urban/suburban); trees between station areas
- 2. A pleasant, safe, and inviting walking and biking experience is needed along the entire corridor
- 3. Access to and from stations, and connections to neighborhoods & community facilities (walking, cycling, other) is a priority

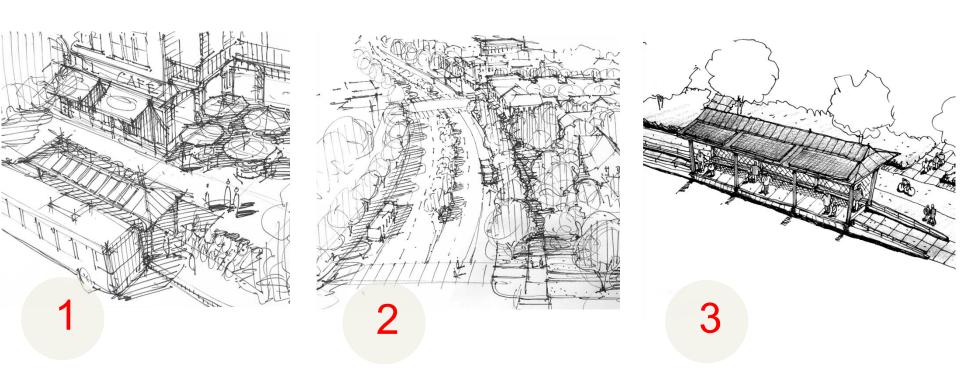


- 1. Different stations have different character (urban/suburban); trees between station areas
 - Some north corridor stations can evolve with greater mix of uses, density/intensity and a more urban character; but development character need not be the same along entire corridor.
 - Trees and natural buffers can separate north station areas along Martin Luther King, Jr Blvd.
 - Creating new destinations and public spaces, more green (trees and green stormwater solutions) are priorities.

- 2. A pleasant, safe, and inviting walking and biking experience is needed along the entire corridor
 - Downtown and Park-and-Ride locations: Bikeshare/rental, bike racks should be at stations; repair sidewalks.
 - North Corridor: multi-use trail and improved crosswalks on the BRT corridor; connect sidewalks and safe bike routes to/from the corridor, area services, and neighborhood culs-de-sac.
 - Trees needed to shade sidewalks, and visually unite the corridor.
 - Implement the Mobility Plan, Complete Streets policies.

- 3. Access to and from stations, and connections to neighborhoods & community facilities (walking, cycling, other) is a priority
 - Topography, existing auto-oriented design is challenging for pedestrians in the north corridor area, especially for seniors.
 - In north corridor, doctors, grocery, services, homes are set away from stations; need to create better access for all. Designing for pedestrians, cyclists, circulator shuttles, and micro-mobility can all be part of the solution.

TODAY'S REVIEW: DRAFT Area Studies & Station Details

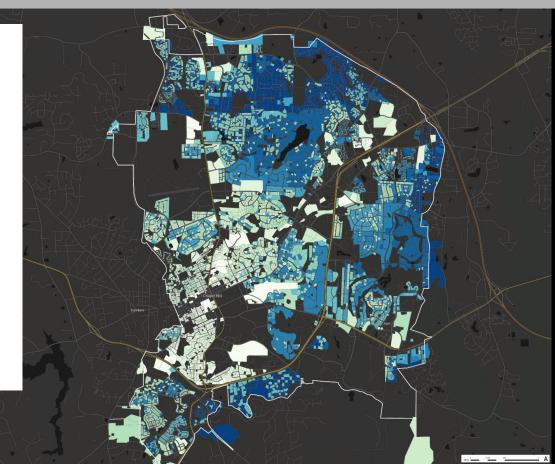






Vehicle Miles Traveled (VMT)



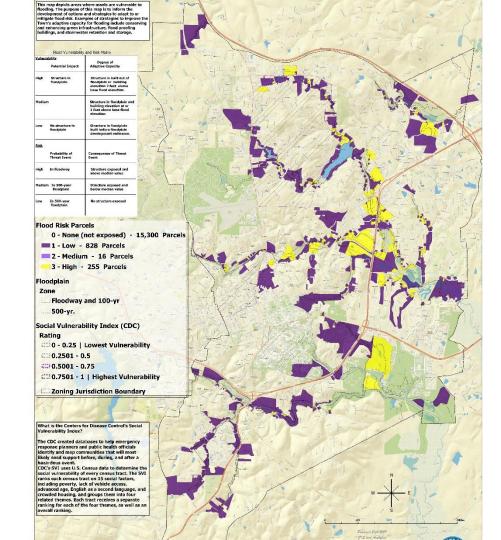






Draft Flood Resiliency Assessment

(from chartingourfuture.info)

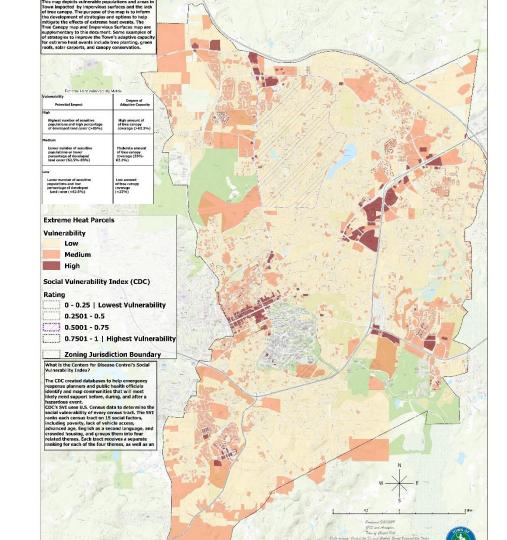






Draft Extreme Heat Resiliency Assessment

(from chartingourfuture.info)



Green Infrastructure



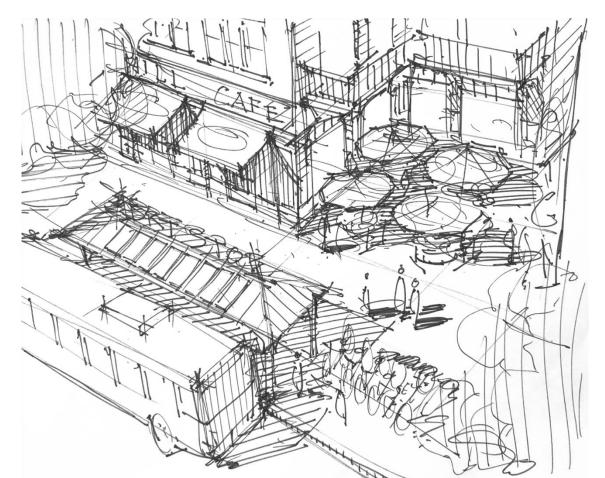


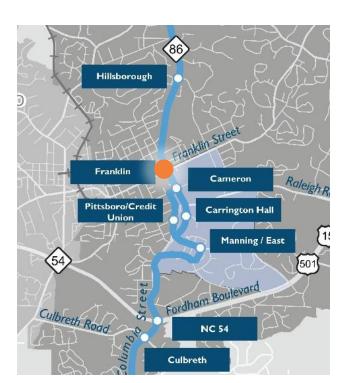






Downtown Station Areas





Franklin St & Columbia St



Franklin St & Columbia St

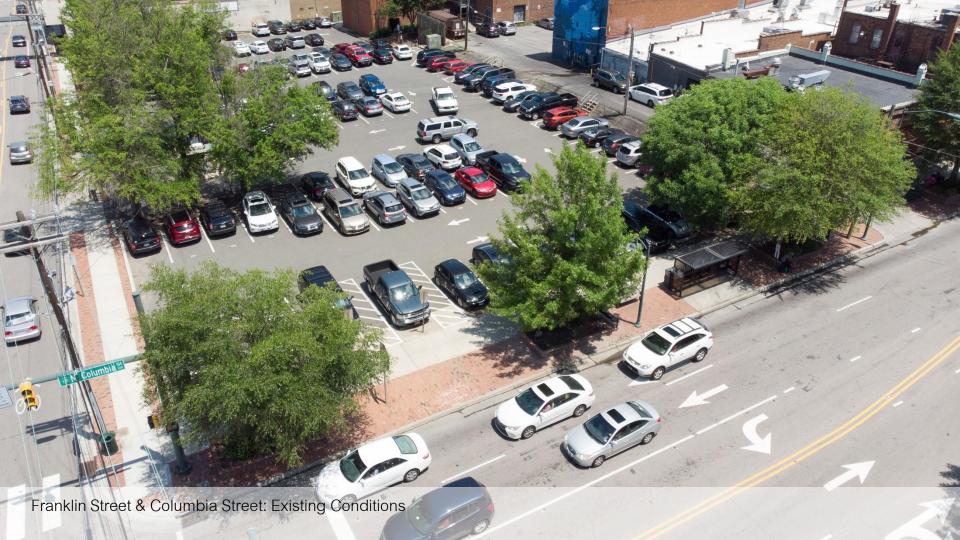
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Franklin St & Columbia St

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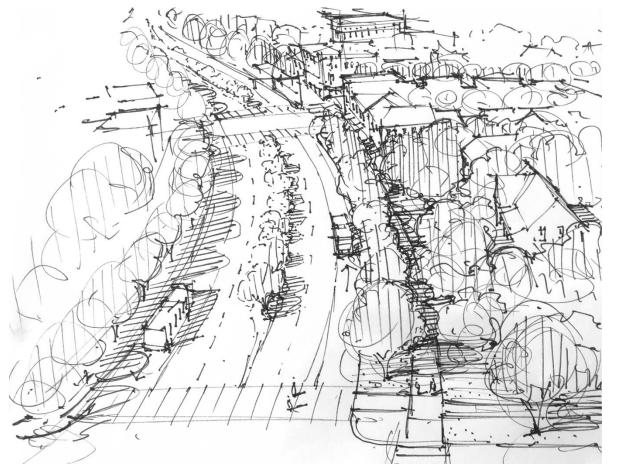








North Corridor Station Areas













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A CLOSER LOOK: Street Improvements, New Activity











Station Design Examples







Station Design Examples BOOK STOR Cleveland OH





Station Design: FEATURES TO EXPLORE

Amenities:

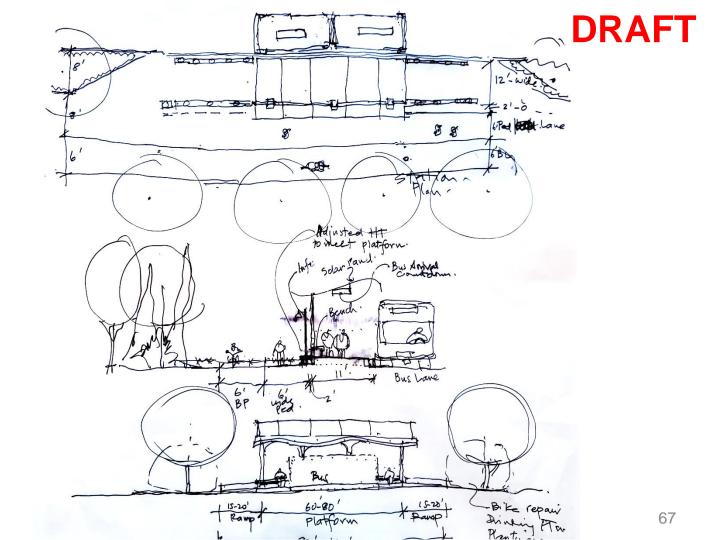
- Bench
- Solar Panel
- Speaker (Bus Arrival)
- Countdown Bus Arrival
- Public Art
- High Contrast Paving
- Drinking Fountain / Quick Coupler
- Street Trees
- Information Kiosk
- Bike Rack / Repair Station

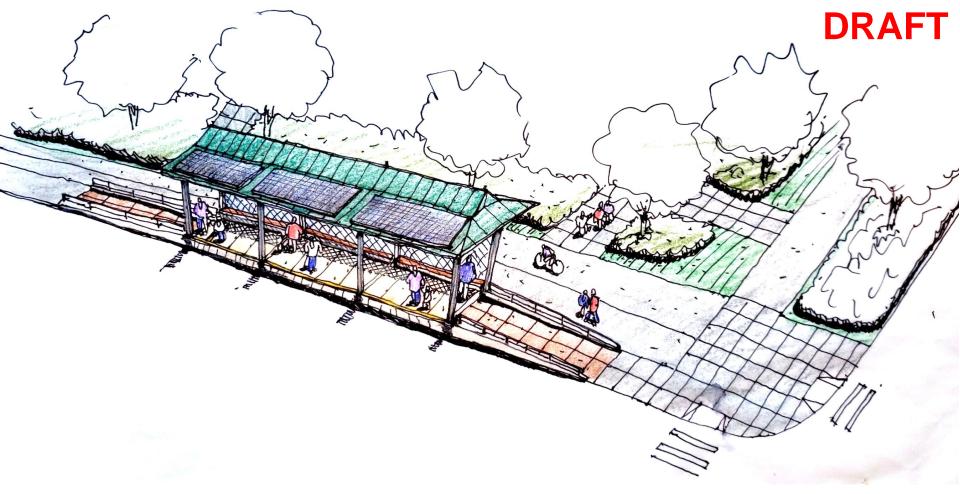
Accessibility:

- "Rumble" Strip
- "Lit" Pavement (door indicator)
- Ramp with Railing
- Bike Path
- Sidewalk

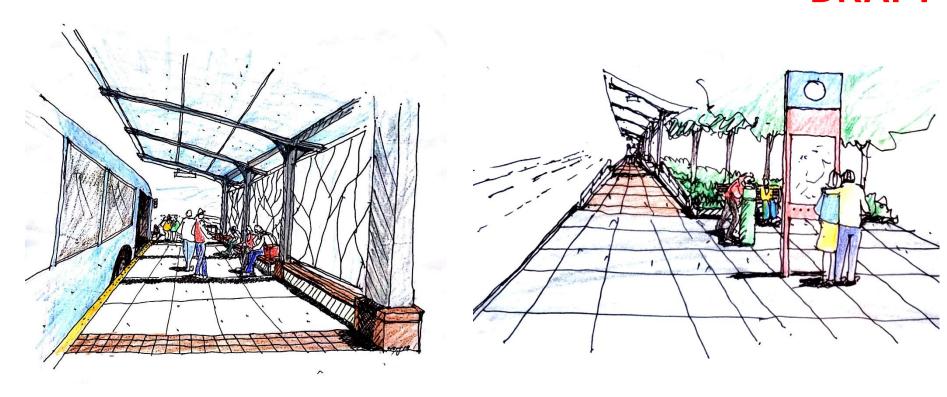
Safety:

- Lighting
- Emergency Call Button
- Camera
- Raised Crosswalk





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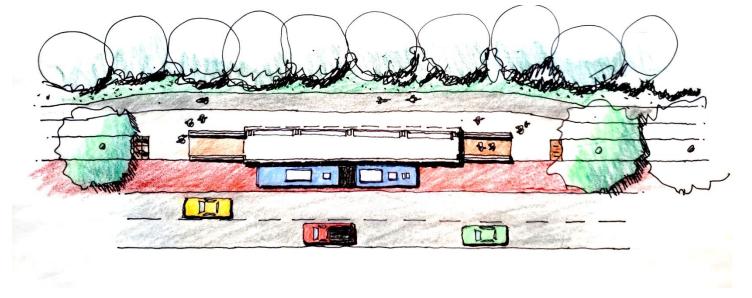






Station Design Details: North Corridor





Station Design Details:

North Corridor





