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# Franklin St. Considerations

Council Presentation – January 5, 2022



# Agenda



Timeline of recent Franklin St. decisions and changes



Information on W. Franklin St. restriping and multi-use path potential



Guidance needed on whether to pursue maintenance transfer from NCDOT to Town

October 2019: CHDP petitions Town to consider bike lanes on W. Franklin St.

April 2020: Traffic-running bike lane design submitted to/ approved by NCDOT but resurfacing soon delayed to 2021

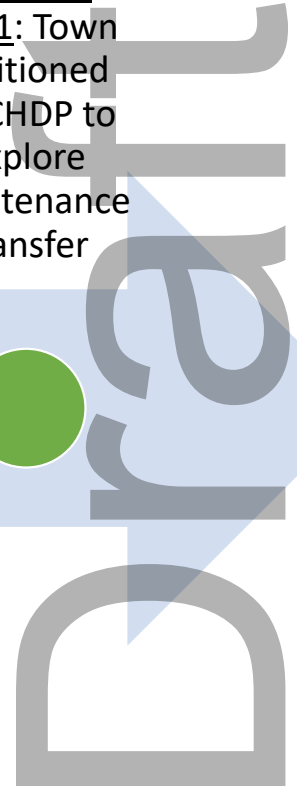
May 2021: NCDOT delays resurfacing due to OWASA project in Carrboro to 2022

October 2021: Town petitioned by CHDP to explore maintenance transfer

March 2020: COVID Begins

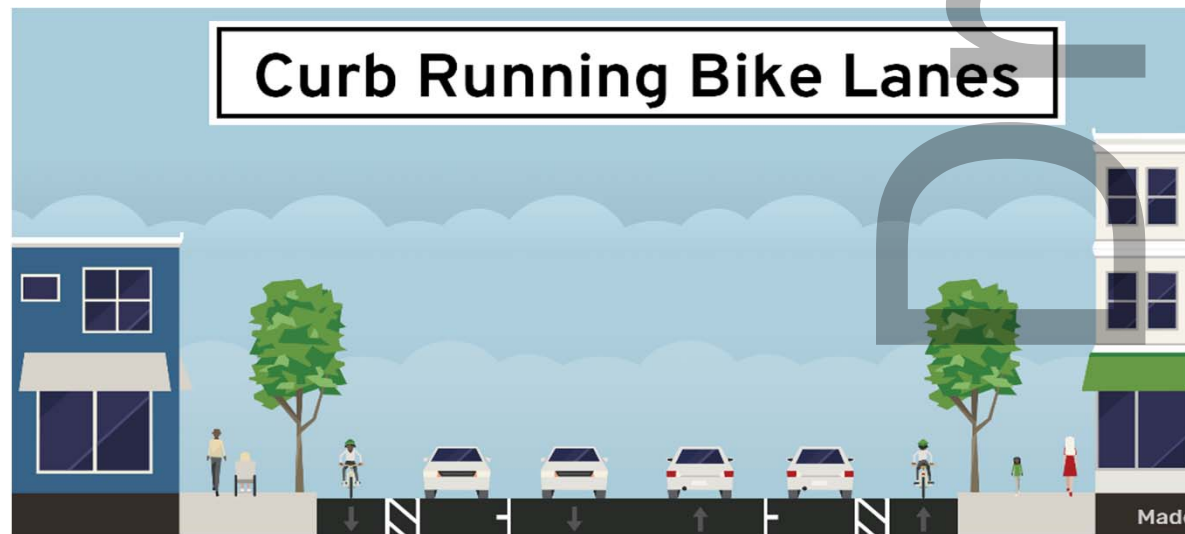
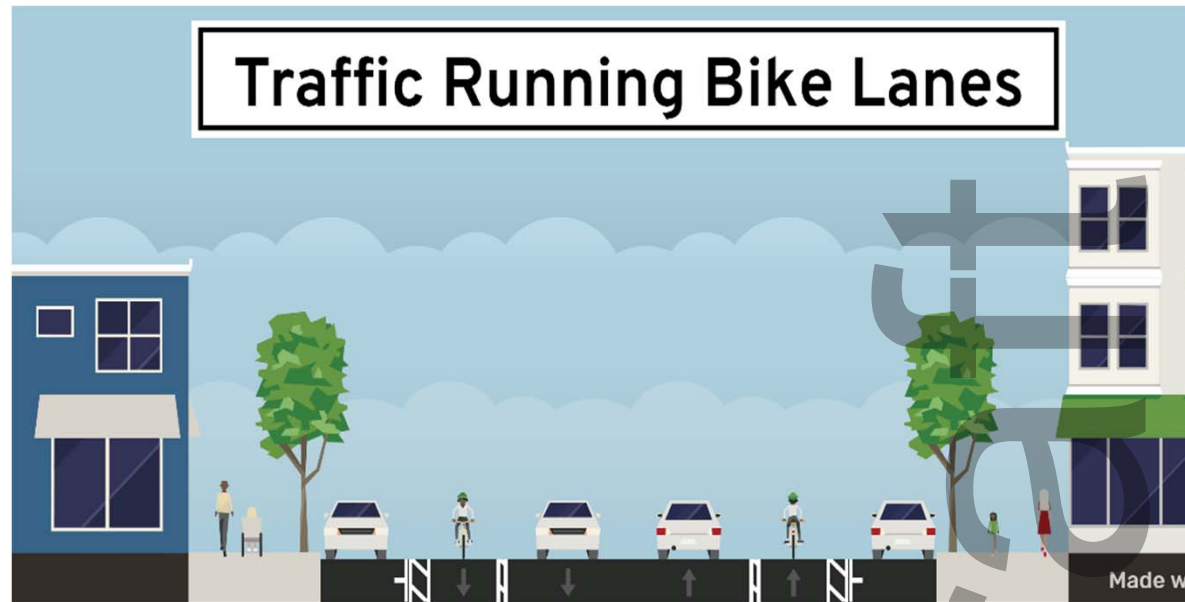
August 2020: Temp walkway installed on Franklin St. in response by Feet on Franklin

September 2021: Town receives multiple ADA complaints about temp walkway



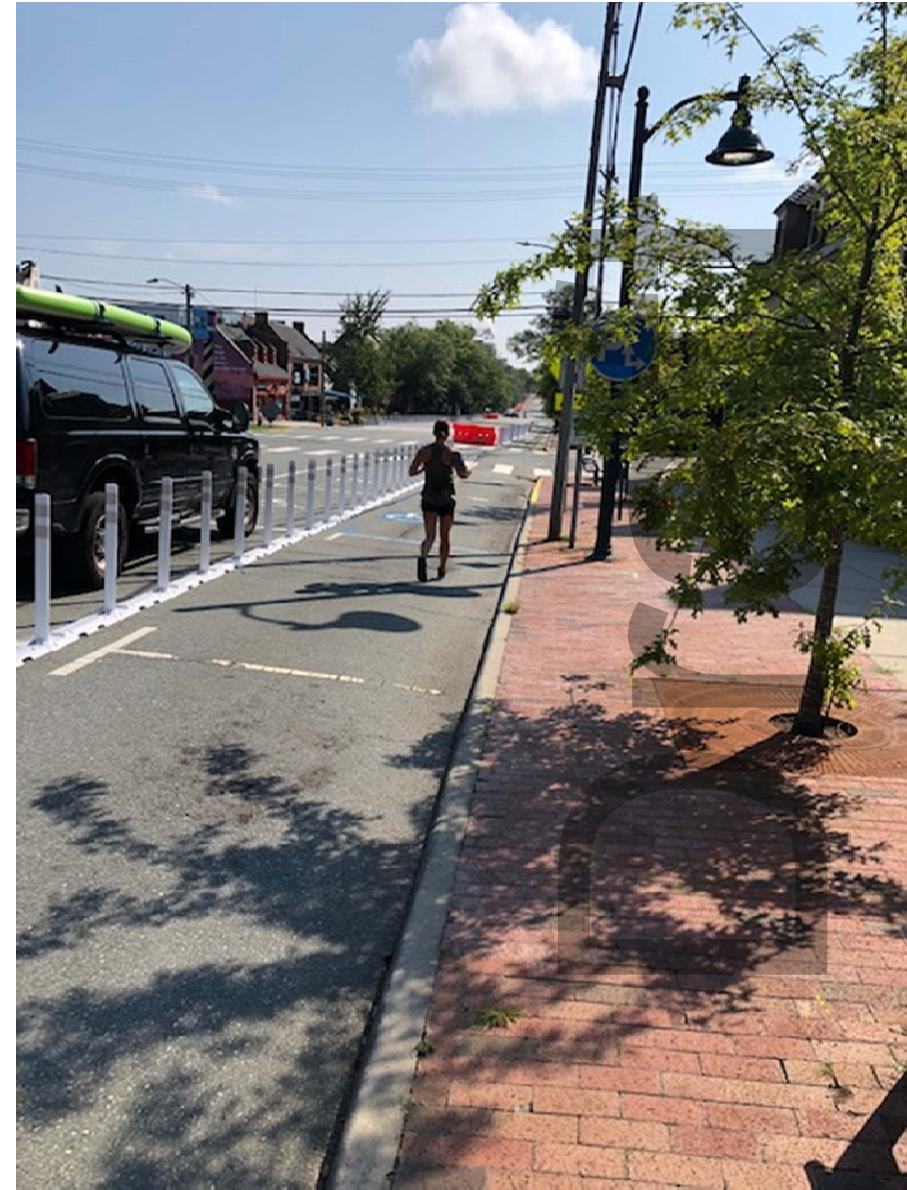
# West End Restriping Decision Needed

- **Traffic-running bike lane:**
  - Plans are already approved, just need minor tweaks
- **Curb-running bike lane:**
  - Requires additional design required by consultant
  - More conflicts with driveways and parking
- **Both options require:**
  - Transit stop adjustments/re-engineering
  - \$250,000 traffic signal adjustments and Merritt Mill Rd. traffic island adjustment
- Preferred option due to NCDOT by March 2022 to meet summer resurfacing schedule



# West End Multiuse Path

- ADA-accessible multiuse path is not possible in the street's current state
  - Asphalt is too crowned to be ADA-accessible
  - Requires much more design and consideration
- Would require more extensive reconstruction than planned NCDOT resurfacing

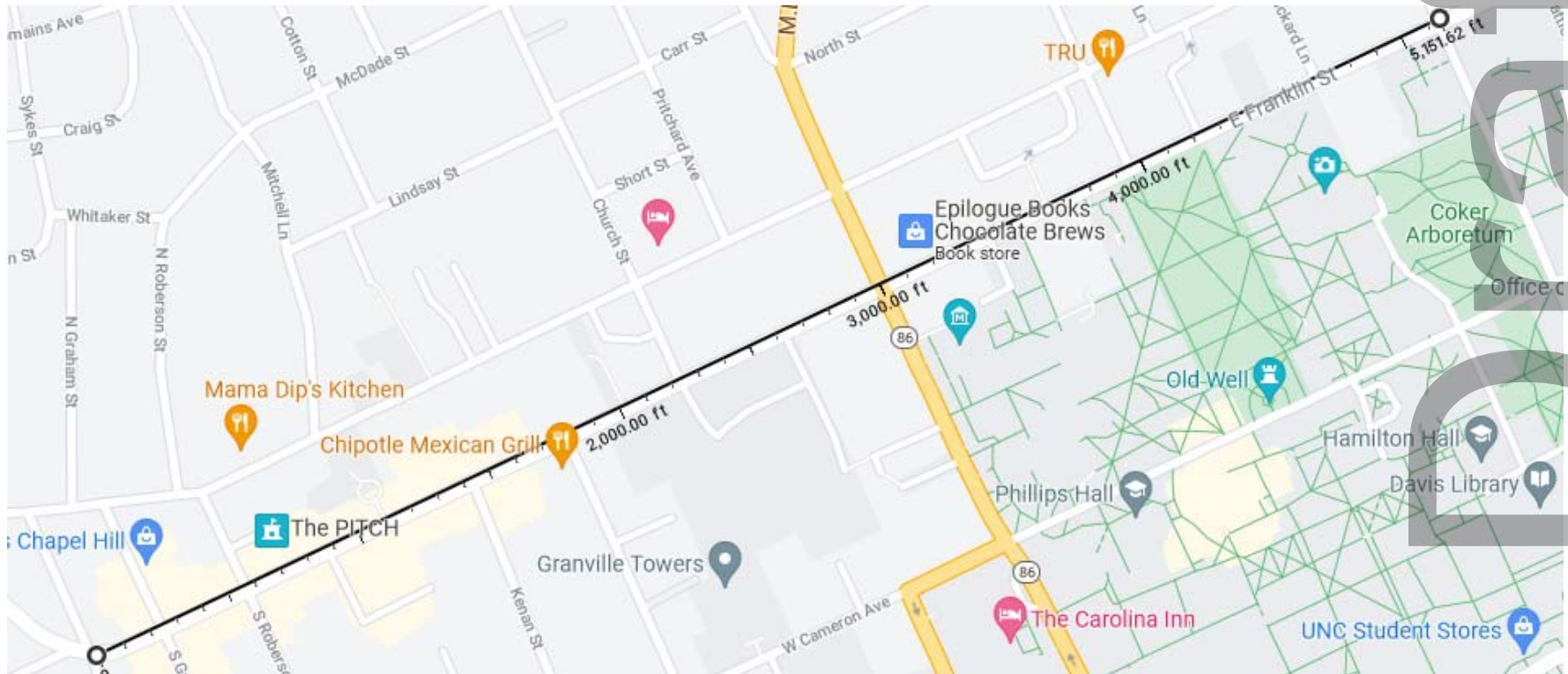




Maintenance Transfer

# Current Maintenance

- NCDOT currently maintains curb to curb
- Town maintains and replaces sidewalk and curb





# Current Challenges

- Town and NCDOT have **different philosophies** for Franklin St. (destination versus throughway)
- **NCDOT must approve** all right of way projects, including Transit stops
- **Aging** stormwater infrastructure
- **Innovative concepts** require NCDOT approval and are **not easily achieved**
- NCDOT's funding sources **do not allow** use of the street itself for **commerce**



# Responsibility Changes

- **What we already pay for:**
  - Sidewalk and brick
  - Street sweeping, trash and recycling, pressure washing
  - Parking space, loading zone and other painting
  - CHDP pays for planter upkeep
  - Tree maintenance
- **What we would add:**
  - Stormwater infrastructure
  - Signal adjustments
  - Crosswalk paint maintenance
  - General maintenance of the street (ie ongoing resurfacing, snow removal) including bike lanes



# Use Changes

What could change if we transfer maintenance

- Explore parklets in parking spaces, colorful crosswalks, other innovations
- Emphasize vulnerable road users
- Update stormwater infrastructure

What wouldn't change if we transfer maintenance

- Still follow federal design guidelines
- Current construction and configuration of Franklin St. does not allow street to be used as ADA-accessible walkway



# Cost of Maintaining Raleigh Rd. to Merritt Mill Rd. (~0.96 mi)

## One-time upgrades

- Resurfacing to reduce crown: \$825,000
- Geo-technical analysis: \$12,000
- Drainage system analysis: \$31,250
- Critical stormwater system replacement: \$1,831,100

**Total: \$2,699,350**

## Annual costs

- General street maintenance: \$75,000
- Traffic signal maintenance: \$27,000
- Pavement marking maintenance: \$6,000
- Stormwater maintenance and crew member: \$82,400

**Total: \$190,400**

*\*Funding source has not been identified*

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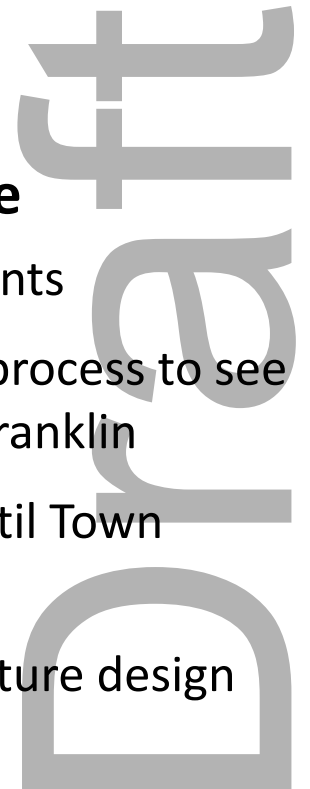
# Transfer Maintenance to the Town

## **NCDOT resurfaces**

- NCDOT pays for resurfacing
- Town conducts public input process to see what community wants on Franklin
- Temporary walkway stays until summer
- ADA-accessible multi-use path impossible until major reconstruction occurs

## **NCDOT does not resurface**

- Town pays for all improvements
- Town conducts public input process to see what community wants on Franklin
- Temporary walkway stays until Town resurfaces
- Multi-use path possible in future design



# Keep Maintenance with NCDOT

- NCDOT pays for resurfacing
- Town determines and submits restriping design to NCDOT by March
- Town contributes ~\$250,000 towards improvements needed to make our preferred design happen

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