



# Salem St at Tingen Rd/Lynch St Improvements & Temporary Signal

Town Council - New Business Item June 22, 2021

## Project Background (2019-)

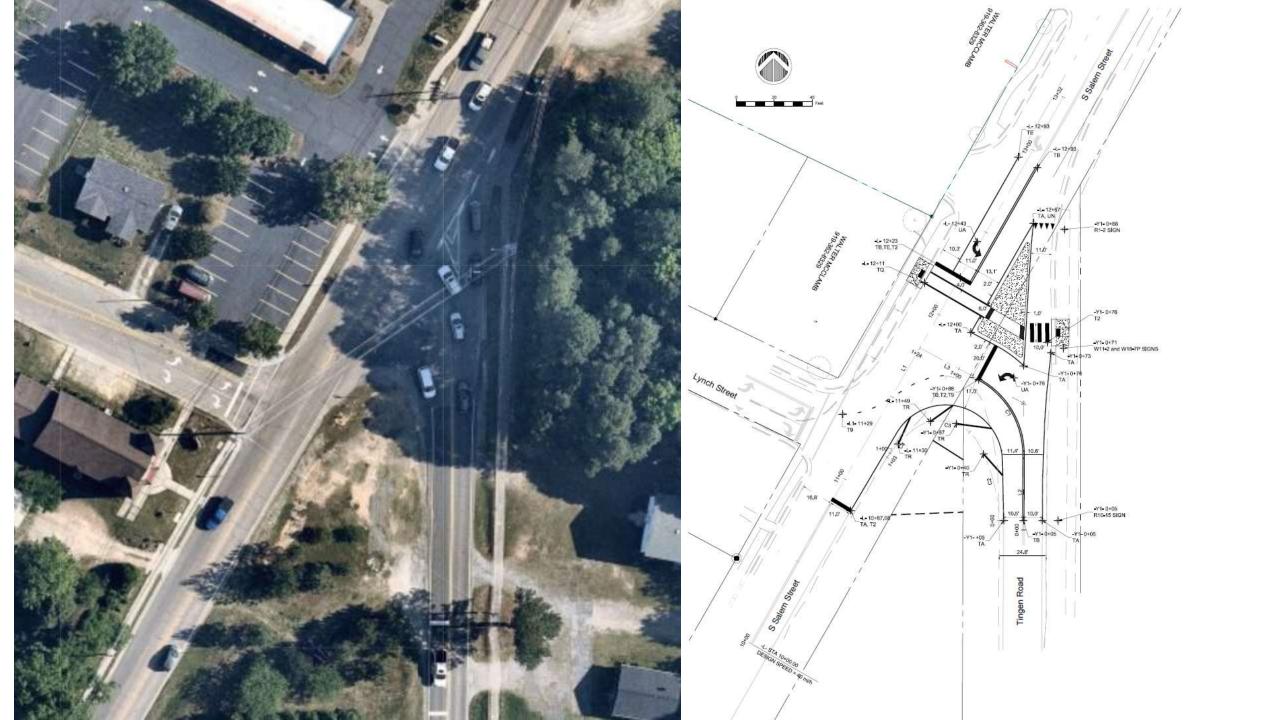
- May 7, 2019 presentation of design options to Council for realignment with traffic signal vs. roundabout (decision to "do nothing" at this point and wait for Peakway completion)
- 2020-21 CIP work session (2019): Council directs staff to proceed with "temporary" traffic signal without realignment of Tingen Rd at Lynch St, and Lynch St extension delayed in CIP
- May 22, 2020: NCDOT approves traffic signal plan
- April 9, 2021: NCDOT approves roadway plan
- April 13: Council approves ROW dedication on Town parcel for radius widening

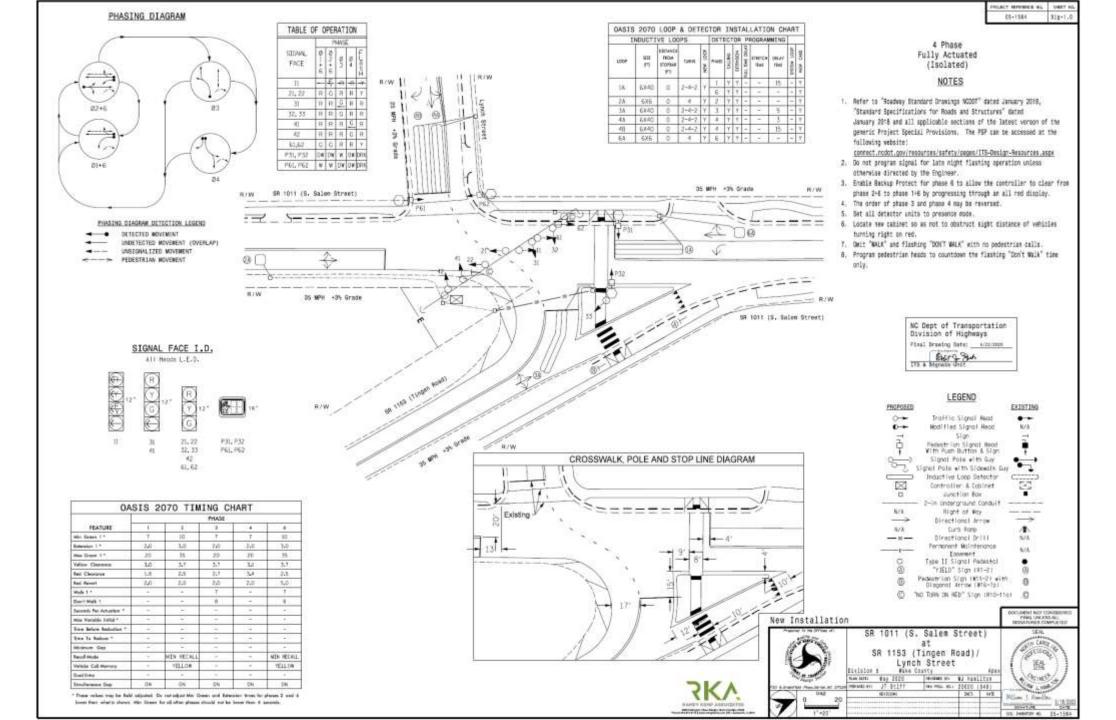


### 5-Year Crash Data & Warrant Study

- 18 reported crashes between 7/2015 and 8/2020
- Average of 2 "preventable" crashes per year with a traffic signal based on crash type
- Intersection does not meet crash warrant threshold for signal installation
- Intersection was permitted by NCDOT based on traffic volume warrants, not crash history







#### Summary

- Low bid: \$186,348.15 (pending award need funds allocated)
- Traffic signal equipment would have around 3 years of useful life before crossing closure (based on Peakway bridge construction in 2022-2024)
- Roadway improvements provide pedestrian crossing and refuge island; could be converted to his-vis/RRFB crossing after signal removal for longer term benefit
- Roadway improvements adjust Tingen Rd approach alignment and northbound radius for Salem St right turns for longer term benefit



### Requested Council Action

 Possible motion to approve Capital Project Ordinance Amendment 2021-16 and Budget Ordinance Amendment 17 for the construction of Salem & Tingen intersection improvements

