

Engineering Services

New Hope Church Rd. & Green Rd. Improvements Project

Roadway Design & Construction



Raleigh





Meet The Team

City Project Manager: Sean Driskill, P.E.

City Inspector: Richard Smith

Contractor: Fred Smith Company

Paul Heatherington, Project Manager

Dennis Bard, Project Superintendent

Design Consultant: City of Raleigh, Engineering Services and Ramey Kemp & Associates



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Project History

- Draft Design Public Meeting (25%) – November 2016
- Design Public Meeting (65%) – November 2017
- Property Acquisition- January 2018- March 2019
- Construction Advertisement for Bid – June 2019
- Construction Award – September 2019



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Construction Schedule

- ES- RD&C Pre-construction Meeting- January 24, 2020
- Public Pre-construction Meeting – January 28, 2020
- Notice to Proceed – Mid Feb/Early March 2020
- New Hope Church Road Closure (5 months)
 - Spring 2020 – Summer 2020 (Dates TBD)
- Construction Start- February/March 2019
- Construction Complete- March 2020



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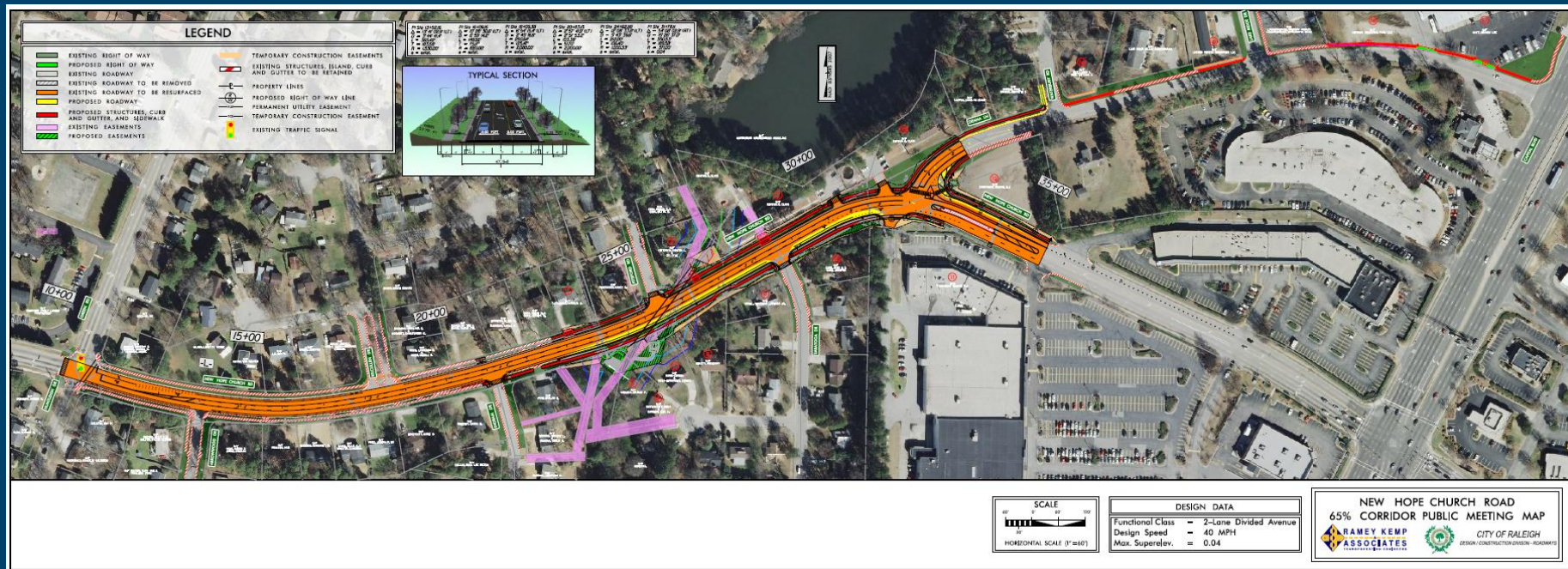
Scope of Work

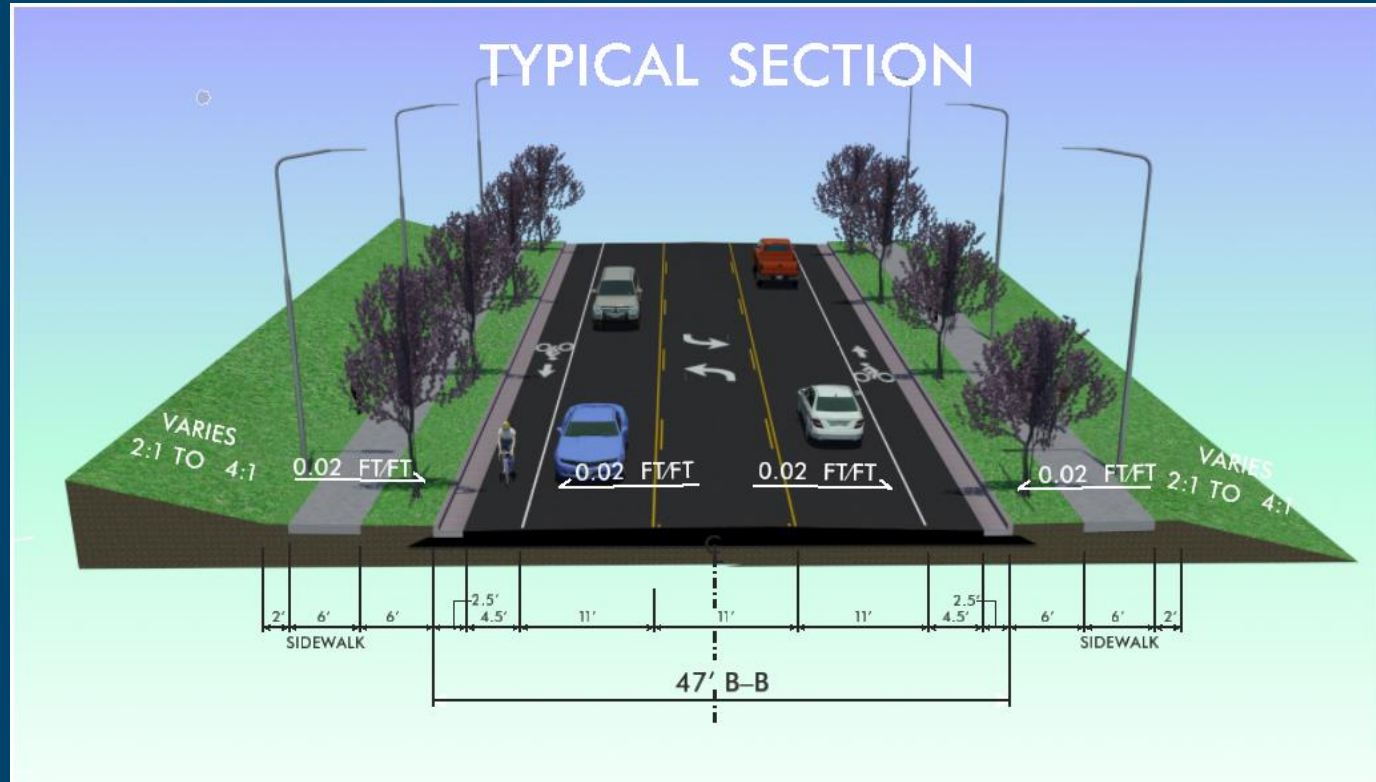
- New Hope Church Road Improvements
 - Extend the existing three-lane roadway section from Green Road to Deana Lane.
 - Enhance pedestrian and bicycle amenities with the addition of bike lanes and sidewalks on both sides of New Hope Church Road
 - Existing culvert under NHCR will be replaced just east of Pittsford Road with a 6'x14' precast reinforced concrete box culvert about 230' in length
 - Water and Sewer Main replacement on NHCR within the road closure limits.



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NHCR- Project Location







NHCR- Existing vs. New Culvert





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Scope of Work

- Green Road Improvements
 - Pedestrian improvements from New Hope Church Road to Spring Forest Road.
 - Fill in missing sidewalk gaps on both sides of Green Road.
 - New curb & gutter and ADA compliant handicap ramps
 - Stormwater infrastructure replacement
 - Transit improvements included new bus pads at the intersections of NHCR, Greenock, Kilcullen, Calvary, Millbrook, and Spring Forest (12 pads total)



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What to expect - General

- Construction is expected to take 12 months, pending any change orders.
- Construction Work Hours are between 7:00 AM and 6:00 PM, Monday – Saturday.
- No lane closures between 6:00 am to 9:00 am and 4:00 pm to 7:00 pm, Monday – Friday.
- Notification are sent by contractor to residents at least 2 weeks in advance of construction



What to expect - General

- Utility relocation - Any possible service disruptions will be coordinated in advance.
- 5 month detour required for culvert install on NHCR
- Access to properties and emergency services shall be maintained at all times.
- Contractor will notify property owner of any possible access disruption.

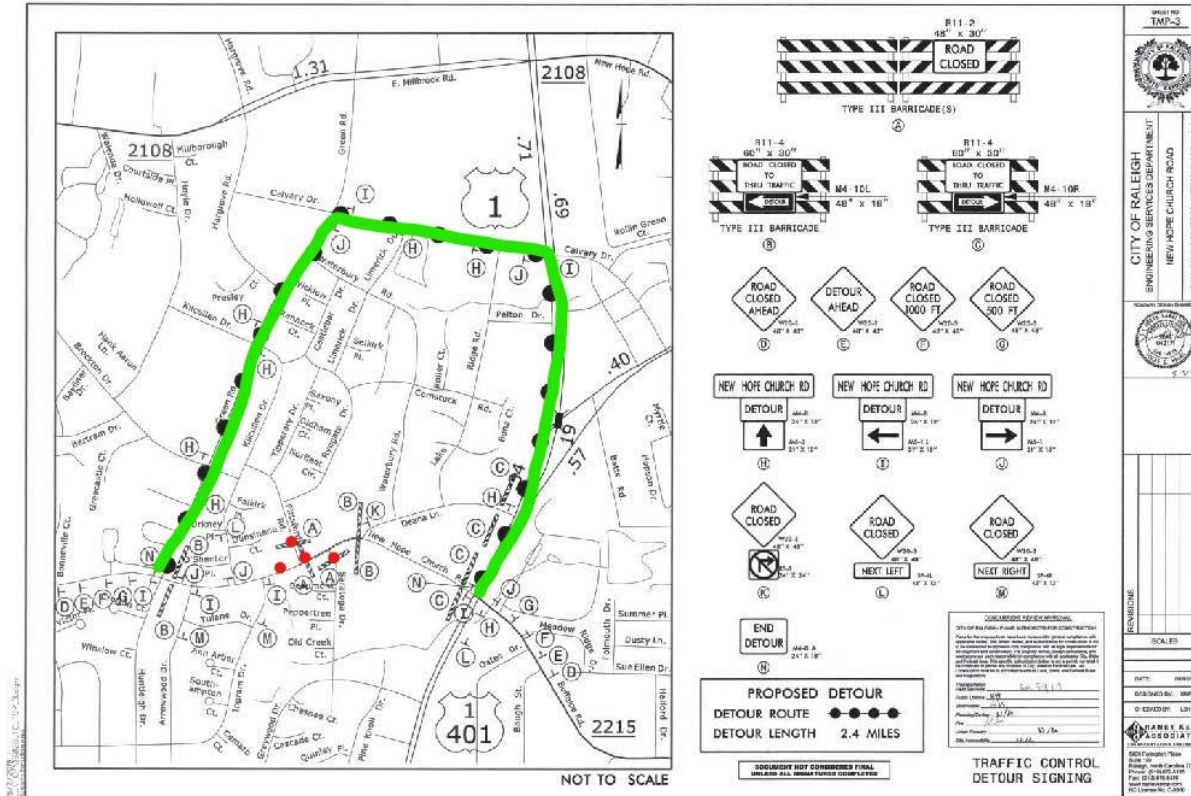


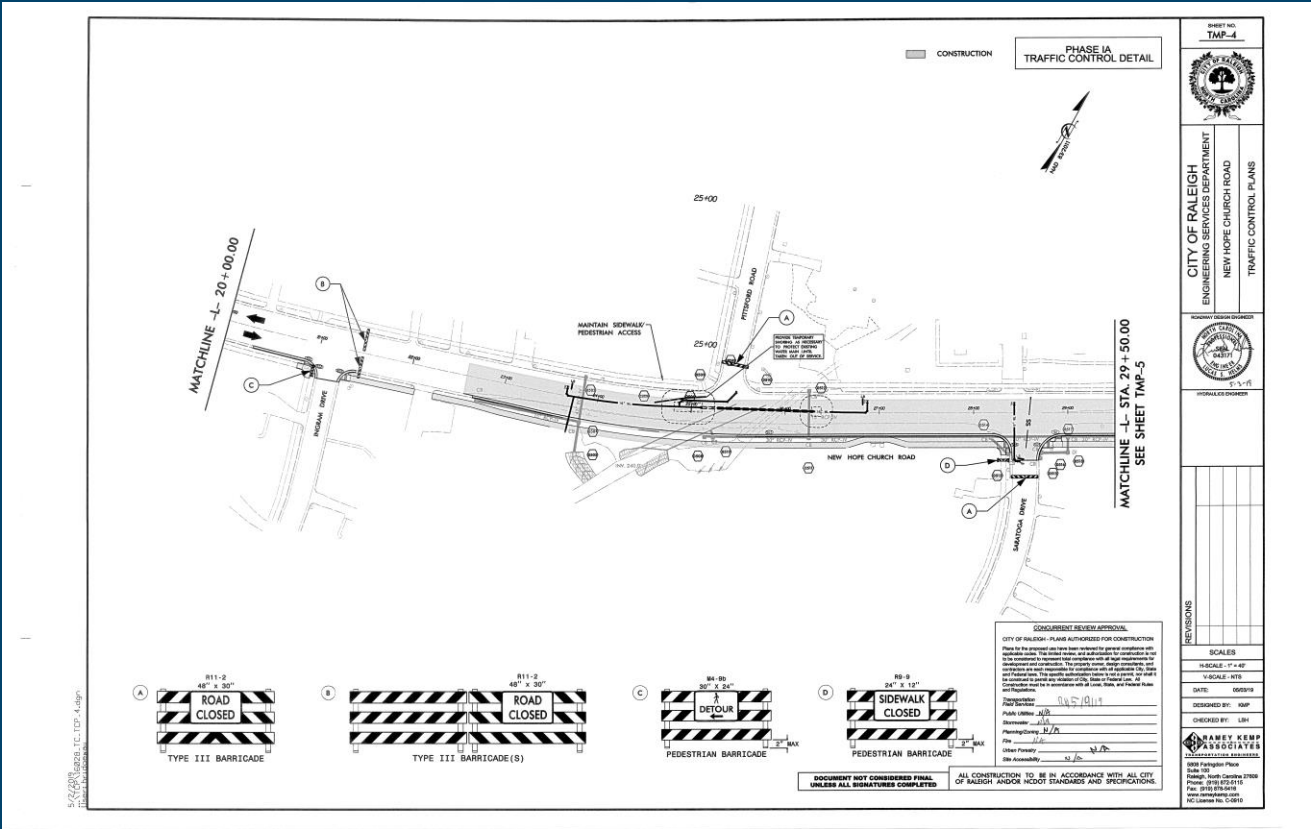
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What to expect - General

- Mail boxes shall be maintained for delivery. Relocation of some mail boxes may be required and will not disrupt service.
- All trees and vegetation within R/W and easements will be cleared.
- All disturbed areas will be seeded and restored after construction is complete.

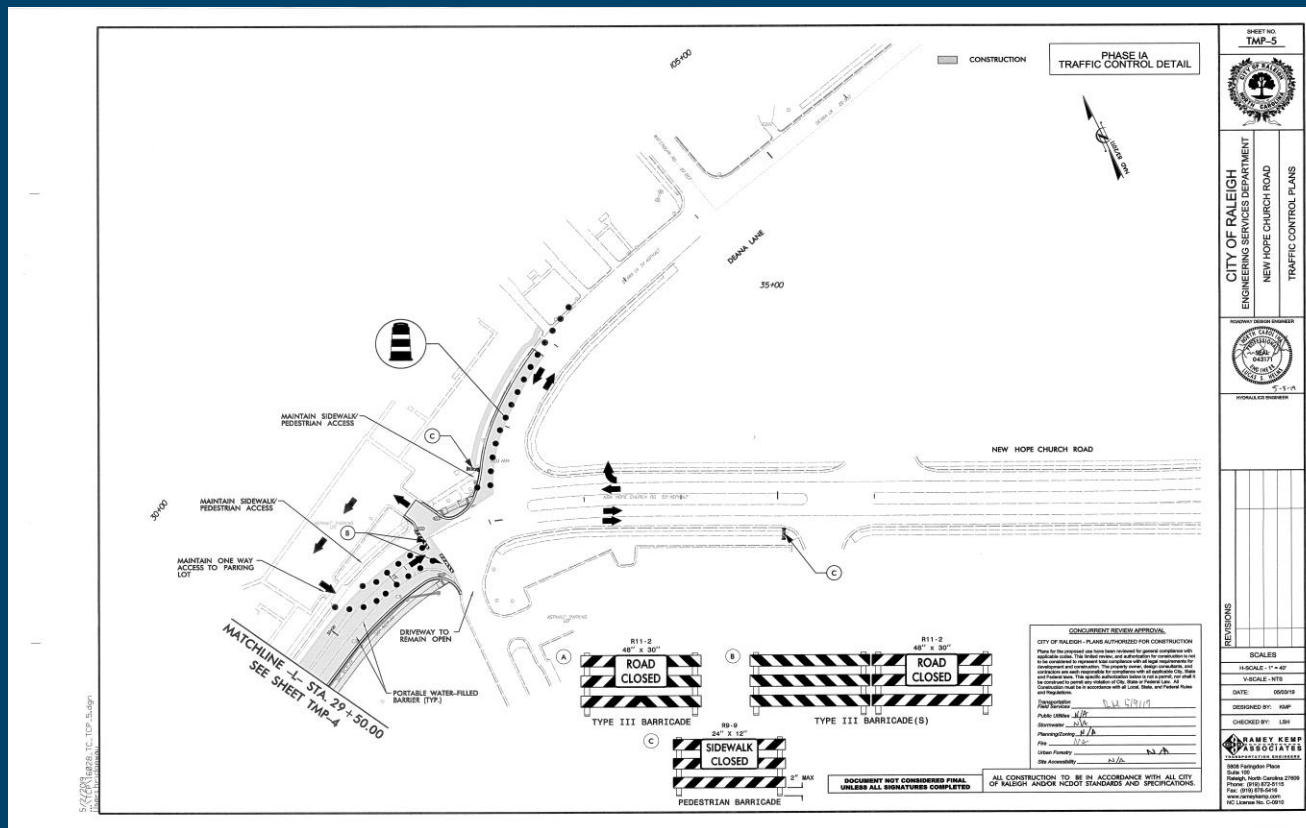
What to expect – NHCR Detour

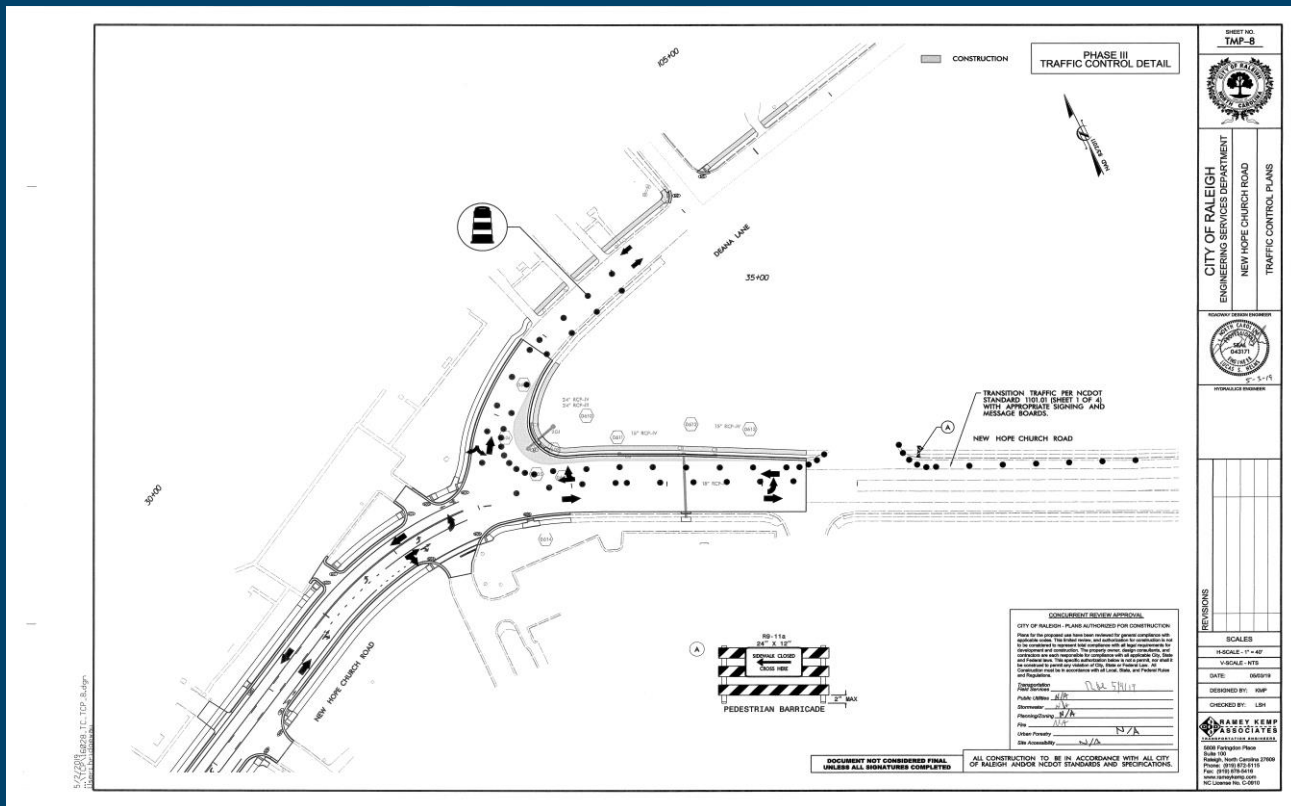






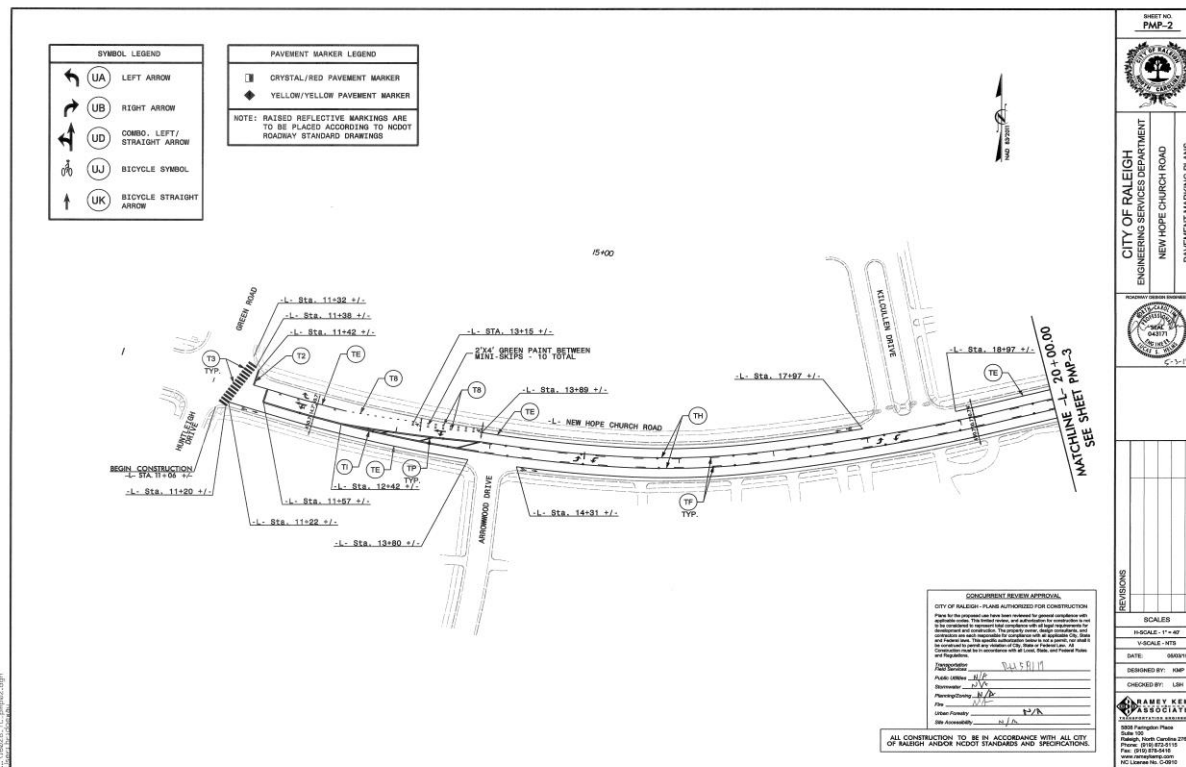
NHCR Detour & Traffic Control





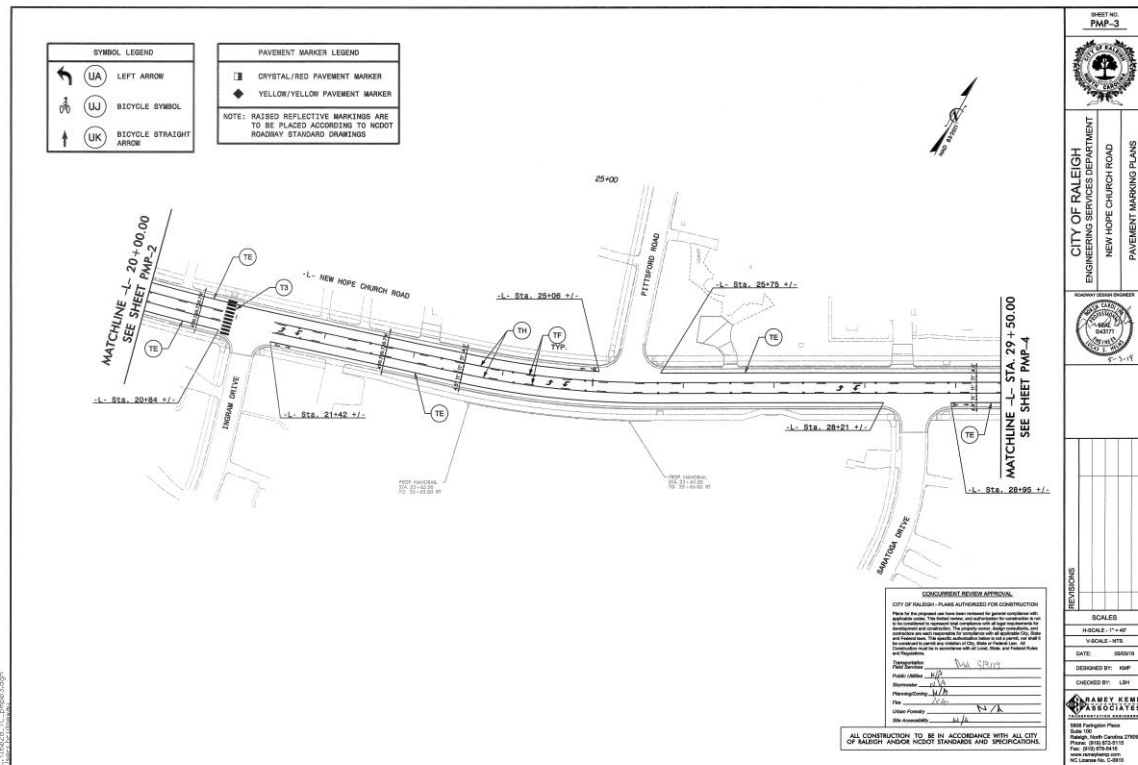


NHCR Pavement Marking



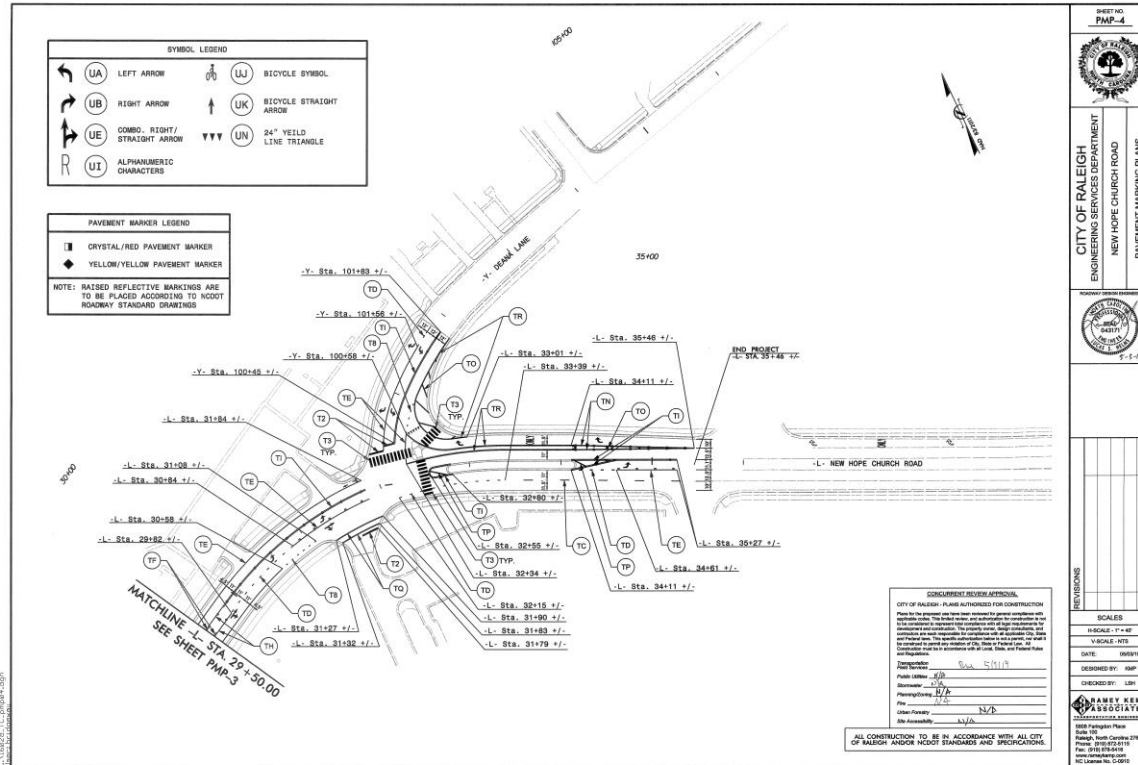


NHCR Pavement Marking





NHCR Pavement Marking



Questions?

Sean Driskill, P.E.

919-996-4106

Sean.Driskill@raleighnc.gov

