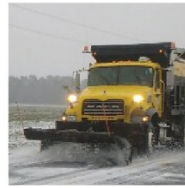


NORTH CAROLINA
Department of Transportation



Executive Order No. 80
***North Carolina's Commitment to Address
Climate Change and Transition to a Clean
Energy Economy***



The State of North Carolina will strive to accomplish the following by 2025:

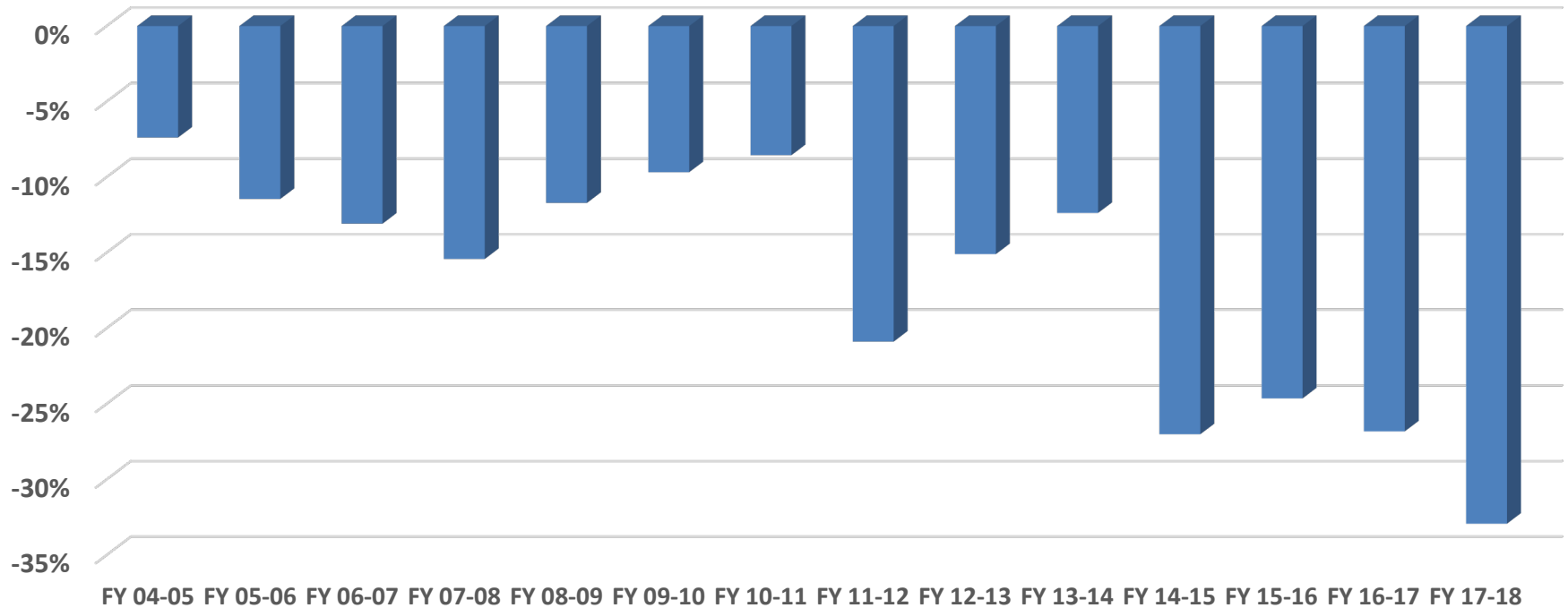
- a. Reduce statewide greenhouse gas emissions to 40% below 2005 levels
- b. Increase the number of registered, zero-emission vehicles (ZEVs) to at least 80,000
- c. Reduce energy consumption per square foot in state-owned buildings by at least 40% from fiscal year 2002-2003 levels



Energy, Water, and Utility Use Conservation EO80 Section 8

NCDOT Energy Consumption History (Btu/ft²)

Btu/sqft - % Change



■ Btu/sqft - % Change



Energy, Water, and Utility Use Conservation EO80 Section 8

Upgrade Roadway Lighting to LED-Based Fixtures



Before



After



Climate Risk Assessment and Resiliency EO80 Sections 2 & 9



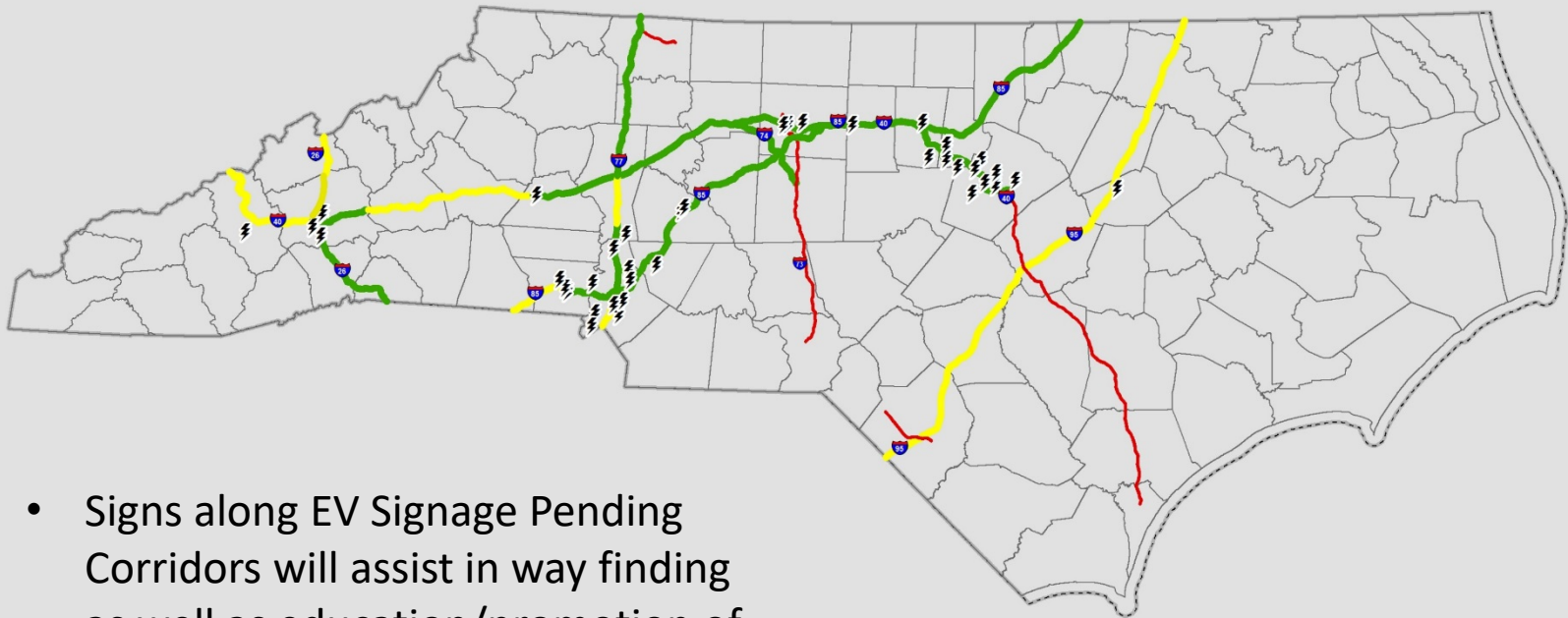
Phase 1: Initial Development

| Date* | Milestone |
|------------------------|---|
| January 2019 | Develop multidisciplinary team |
| February to March 2019 | Further develop plan and need for public |
| April to May 2019 | Technical analysis; review of economic costs and environmental benefits |
| May to June 2019 | Draft action plan completed |
| July to August 2019 | Statewide public comment on draft action plan |
| September 2019 | Revised action plan based on public comment |
| October 2019 | Final action plan submitted to governor |

* Future dates are subject to change



FHWA Designated EV Recharging Corridors



- Signs along EV Signage Pending Corridors will assist in way finding as well as education/promotion of EV adoption
- Expanding corridors beyond interstates will be driven by data such as AADT and EV registrations

1" = 50 miles



- ⚡ DC Fast Charge Stations
- Interstate Routes**
- 🟢 EV Signage Ready
- 🟡 EV Signage Pending
- 🔴 EV Not Signage Ready
- ⊕ County Boundary

NCDEQ Website

<https://deq.nc.gov/energy-climate/climate-change/nc-climate-change-interagency-council/climate-change-clean-energy>

NCDOT Website

<https://www.ncdot.gov/initiatives-policies/environmental/climate-change>



NCDOT EV Adoption Survey

<https://nczevplan.metroquest.com/>



Questions / Comments?

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