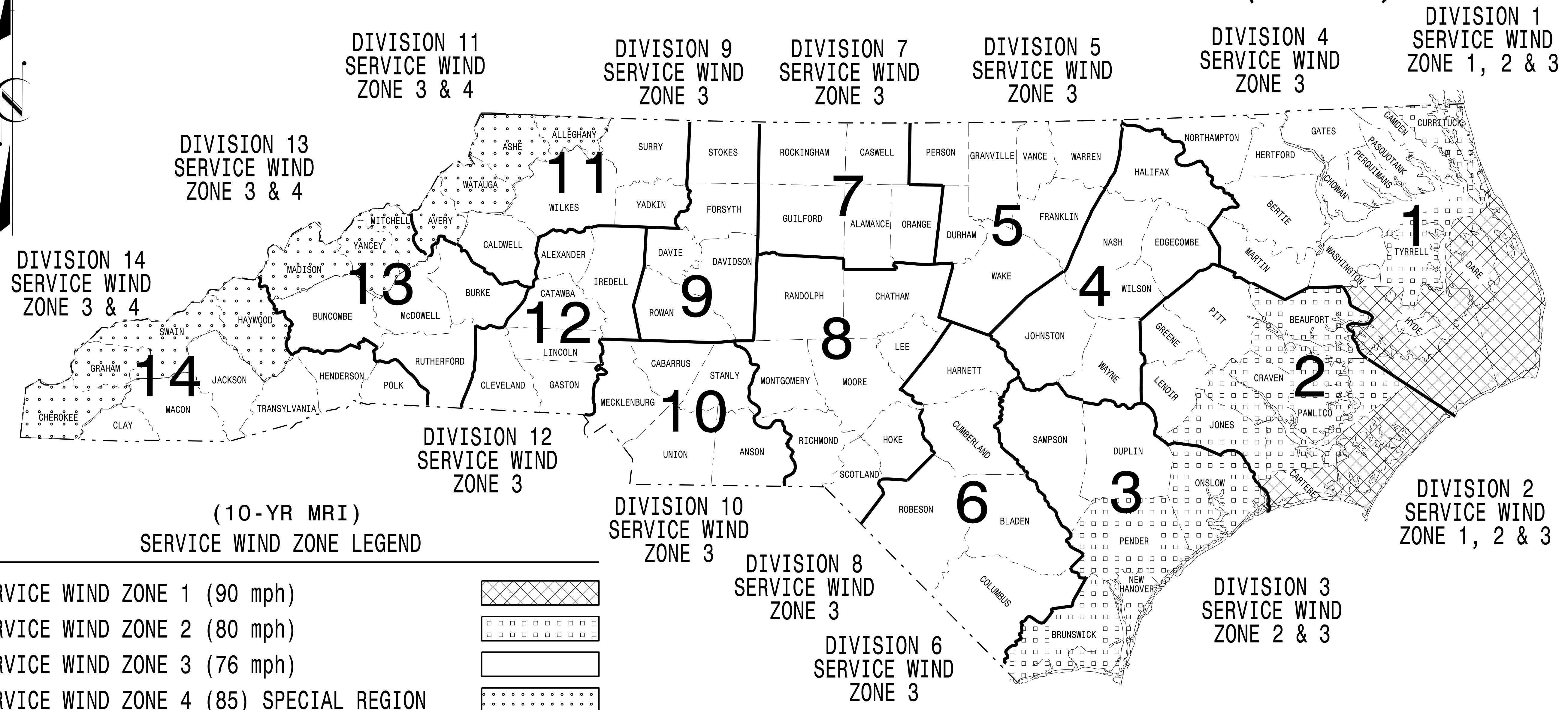
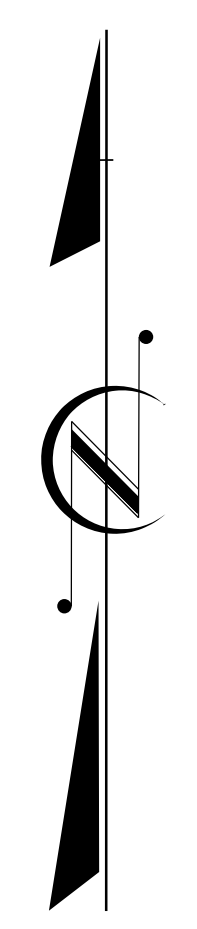


# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

## STANDARD DRAWINGS FOR ALL METAL POLES (LRFD)



<https://connect.ncdot.gov/resources/safety/Pages/ITS-Design-Resources.aspx>

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Prepared In the Offices of:

750 N. Greenfield Pkwy.  
Garner, NC 27529

Designed in conformance with the latest 2020 Interim to the 1st Edition 2015

### AASHTO LRFD

Standard Specifications for Highway Signs, Luminaires, and Traffic Signals

| DRAWING NUMBER | INDEX OF PLANS DESCRIPTION                          |
|----------------|---|
| Sig. M 1A      | Statewide Wind Zone Map (700-yr MRI)                |
| Sig. M 1B      | Statewide Wind Zone Map (10-yr MRI)                 |
| Sig. M 2       | Typical Fabrication Details-All Metal Poles         |
| Sig. M 3       | Typical Fabrication Details-Strain Poles            |
| Sig. M 4       | Typical Fabrication Details-Mast Arm Poles          |
| Sig. M 5       | Typical Fabrication Details-Mast Arm Connection     |
| Sig. M 6       | Typical Fabrication Details-Strain Pole Attachments |
| Sig. M 7       | Construction Details-Foundations                    |
| Sig. M 8       | Standard Strain Pole Foundation-All Soil Conditions |
| Sig. M 9       | Typical Fabrication Details-CCTV Camera Poles       |

**NCDOT CONTACTS:**  
MOBILITY AND SAFETY DIVISION -  
TRANSPORTATION SYSTEMS MANAGEMENT  
AND OPERATIONS UNIT

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**D.Y. ISHAK** - STATE SIGNALS ENGINEER  
**K. DURIGON, P.E.** - ITS AND SIGNALS STRUCTURAL ENGINEER  
**B. WALKER, P.E.** - ITS AND SIGNALS STRUCTURAL ENGINEER

SEAL

DocuSigned by:  
**Kevin Durigon**  
SIGNATURE  
4B23DC70B3784DA

09/21/2023  
DATE