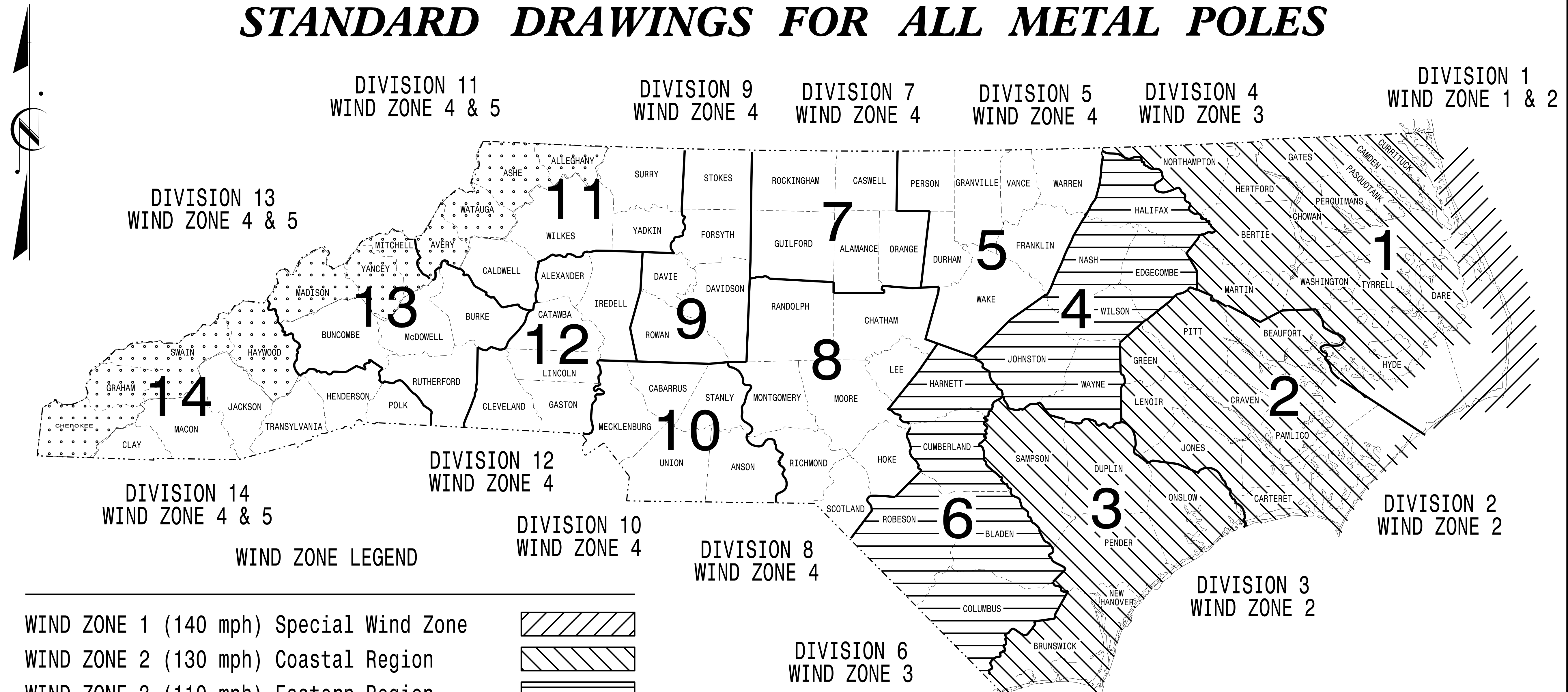


STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

| | |
|-----------------------------|---------------------|
| PROJECT I.D. NO. BR-0041 | SHEET NO. Sig.M1 |
|-----------------------------|---------------------|

STANDARD DRAWINGS FOR ALL METAL POLES



WIND ZONE LEGEND

| | | |
|--|--|--|
| WIND ZONE 1 (140 mph) Special Wind Zone | | |
| WIND ZONE 2 (130 mph) Coastal Region | | |
| WIND ZONE 3 (110 mph) Eastern Region | | |
| WIND ZONE 4 (90 mph) Central & Mtn. Region | | |
| WIND ZONE 5 (120 mph) Special Wind Zone | | |

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

Prepared In the Offices of:

750 N. Greenfield Pkwy.
Garner, NC 27529

Designed in conformance
with the latest
2015 Interim to the
6th Edition 2013
AASHTO
Standard Specifications for
Structural Supports for
Highway Signs, Luminaires,
and Traffic Signals

| DRAWING NUMBER | DESCRIPTION |
|----------------|---|
| Sig. M 1 | Statewide Wind Zone Map |
| 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 |

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SEAL

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DATE 10/11/2017