

03-007-2023, 12:07
S:\MIS\Signal Design\Structures\Drawings\2024 Metal Pole Std Drawings for LRFD\2024 Sig. M1A Standard All Metal Pole (700-yr MRI).dgn
Kdurigon

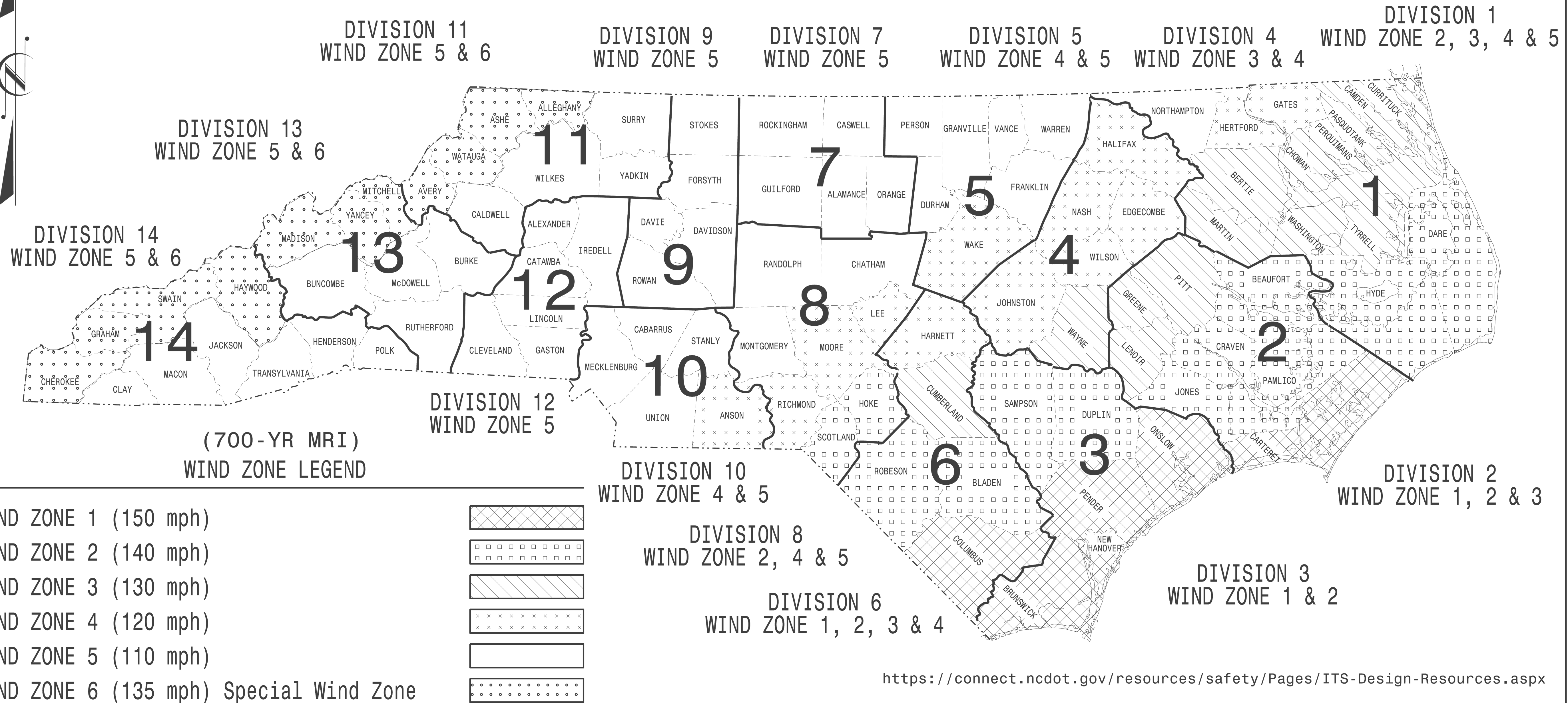
NCDOT METAL POLE STANDARDS

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

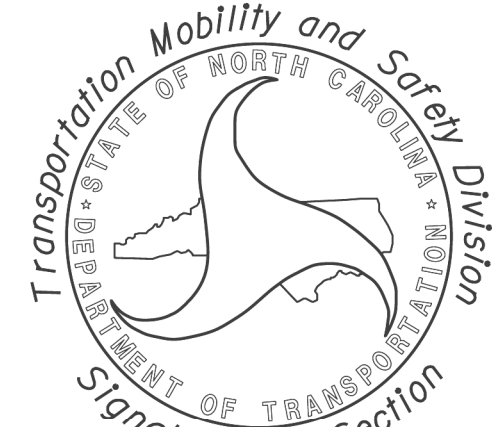
PROJECT I.D. NO. SHEET NO.

U-3609B Sig.M1A

STANDARD DRAWINGS FOR ALL METAL POLES (LRFD)



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

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

INDEX OF PLANS DESCRIPTION

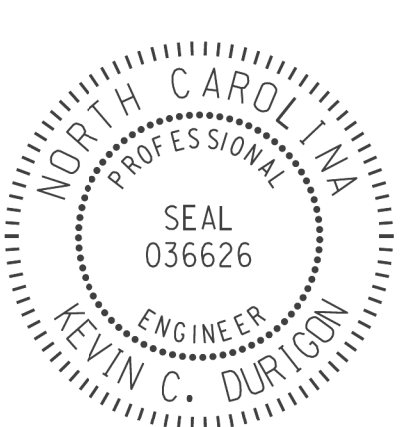
MOBILITY AND SAFETY DIVISION - TRANSPORTATION SYSTEMS MANAGEMENT AND OPERATIONS UNIT

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
4B23DC79B3784DA

09/21/2023
DATE