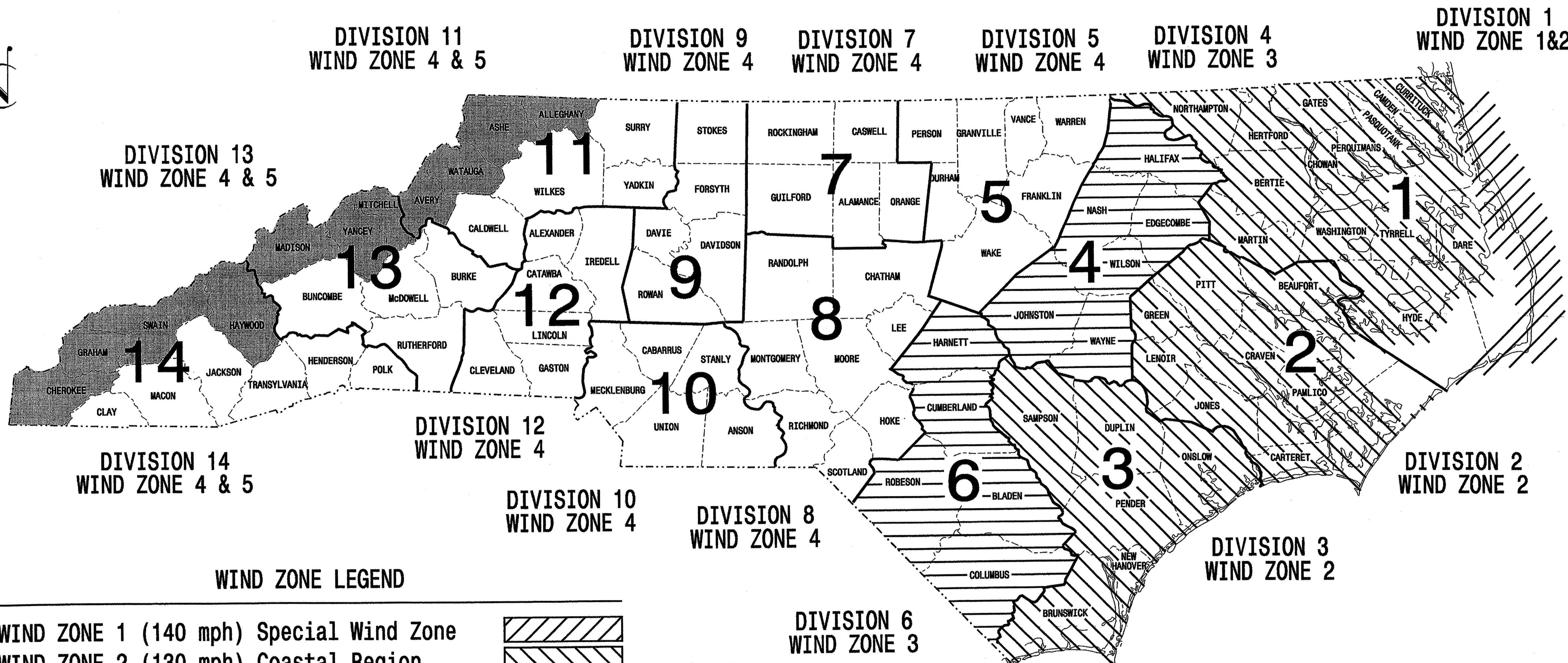


# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

STATE	PROJECT NO.	SHEET NO.
N.C.	U-4010	Sig. 23
F. A. PROJ. NO.		dwg. MP1
PROJECT ID. NO.		

## STANDARDS FOR METAL POLES WITH MAST ARMS



### 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		

REVISIONS	INITIALS	DATE
√ Removed Drawings MP 10&11. Refer to Interim plate drawings for Metal Pole fabrication and Standard Foundation construction details. The Interim Plate drawings are available at the NCDOT website shown below: <a href="http://www.doh.dot.state.nc.us/preconstruct/traffic/tmssu/SMS/metal_pole/poles.htm">http://www.doh.dot.state.nc.us/preconstruct/traffic/tmssu/SMS/metal_pole/poles.htm</a>	[Signature]	9.24.03

Prepared in the Offices of:  
  
 122 N. McDowell St., Raleigh, NC 27603

Designed in conformance with the 2002 Interim to the 4th Edition 2001  
**AASHTO**  
 Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals

INDEX OF PLANS	
DRAWING NUMBER	DESCRIPTION
MP1	Title Sheet
MP2	Standard Notes
MP3-MP7	Load Case and Foundation Selection
MP8-MP9	Pole Fabrication Details
∇MP10-MP11	Standard Foundation Details
MP12	Luminaire Extension Details (Future)
MP13	Dual Mastarm Details (Future)

**NC DOT CONTACTS:**  
**TRAFFIC ENGINEERING AND SAFETY SYSTEMS BRANCH**  
**G. A. FULLER, P.E. - TRAFFIC MANAGEMENT & SIGNAL SYSTEMS ENGINEER**  
**R. E. MULLINAX, P.E. - SIGNALS AND GEOMETRICS ENGINEER**  
**D. C. SARKAR, P.E. - SIGNALS AND GEOMETRICS STRUCTURAL ENGINEER**  
**A. M. ESPOSITO, P.E. - SIGNALS AND GEOMETRICS PROJECT ENGINEER**  
**C. F. ANDREWS, JR. - SIGNALS AND GEOMETRICS PROJECT ENGINEER**

SEAL  
  
 [Signature] 6.3.03  
 SIGNATURE DATE