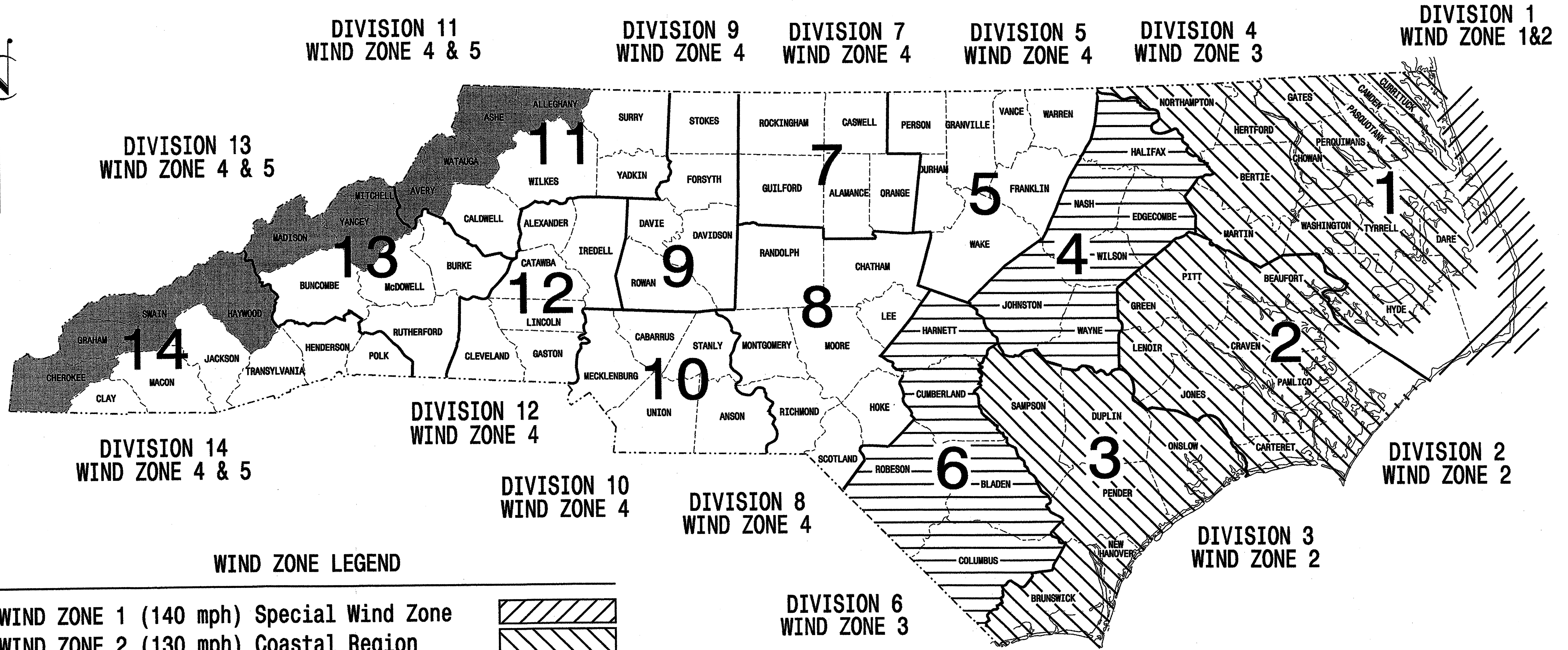


STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

STATE	PROJECT NO.	SHEET NO.
N.C.	U-2734	Sig. 70
F. A. PROJ. NO.	PROJECT ID. NO.	
	dwg. MP1	

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. http://www.doh.dot.state.nc.us/preconstruct/traffic/tmsu/sms/metal_pole/poles.htm	Jel	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

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)

NCDOT 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

D. Sarkar
SIGNATURE

6.3.03
DATE