

**South Carolina Department of Transportation**  
**Traffic Engineering Guidelines**

**NUMBER:** TG-5

**SUBJECT:** Hurricane Evacuation (EP-1-24) Sign

**BACKGROUND:** Due to major hurricane threats to the coastal areas of South Carolina, the Department developed a guideline and a sign to designate hurricane evacuation routes. The guideline and sign were developed because evacuation routes were not addressed in the SCMUTCD. The guideline was written to help mitigate the potential effect of hurricanes by establishing and signing a uniform message to mark designated evacuation routes. Since the development of this guideline, the MUTCD added a section that addresses Emergency Management Signing including signing for an evacuation route (EM-1). Since the Department already is using a sign that motorists are familiar with, (designated EM-1a) this sign will be used in lieu of EM-1.

**GUIDELINE:** Designated routes must be jointly approved by the South Carolina Emergency Management Division, the S.C. Highway Patrol, and the South Carolina Department of Transportation. Fabrication and installation of signs will be provided by the South Carolina Department of Transportation.

The EM-1a-24 sign will be used in conjunction with an Advance Turn Arrow (M5-x-21-B) or Directional Arrow (M6-x-21-B) to form a sign assembly. The EM-1a-24 sign assembly should stand alone rather than be added to existing DOT signing. The sign design details are shown on the layout for EM-1a-24. Sheeting type shall be as specified by Engineering Directive Memorandum number 4.

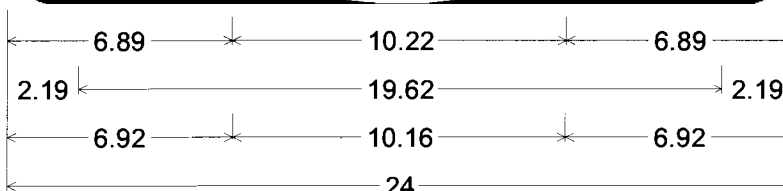
Approved: \_\_\_\_\_

  
Director of Traffic Engineering

9-1-06  
\_\_\_\_\_  
Date



TRAFFIC ENGINEERING



1.50 Radius, 0.75" Border (Circle), White on Blue;  
Hurricane Symbol; [EVACUATION ROUTE] C;  
Table of distances between letter and object lefts.

6.89		10.22	6.89								
2.19	E	V	A	C	U	A	T	I	O	N	2.19
	1.84	1.99	2.39	2.14	2.15	2.05	2.00	1.06	2.36	1.64	
6.92	R	O	U	T	E	6.92					
	2.14	2.37	2.15	2.00	1.50						

SIGN NO.: EM-1a-24

*Richard B. Witt* 9-1-04

DIRECTOR OF TRAFFIC ENGINEERING DATE