

## REFLECTORIZED SIGN SPECIFICATIONS

Specifications for reflectorized signs will comply with these requirements. Vendors should obtain and, if requested, furnish the Fish and Wildlife Service contracting officer, certification that all materials comply with the specified requirement.

### Substrate:

High Density Overlay (HDO) Plywood. Use two-sided HDO plywood; it will be .75 inch thick (1.875 cm), 7-ply Douglas fir, exterior-type, conforming to U.S. Product Standard PS-1 (current edition), within a B-grade or better veneer on both faces. Surfacing overlay material will be high density 60-60, resin-impregnated fiber, permanently fused to the base panel under heat and pressure, and not surface-created with a release agent. Each panel edgebrand will include the following:  
HDO B-B G1 EXT PS 1.

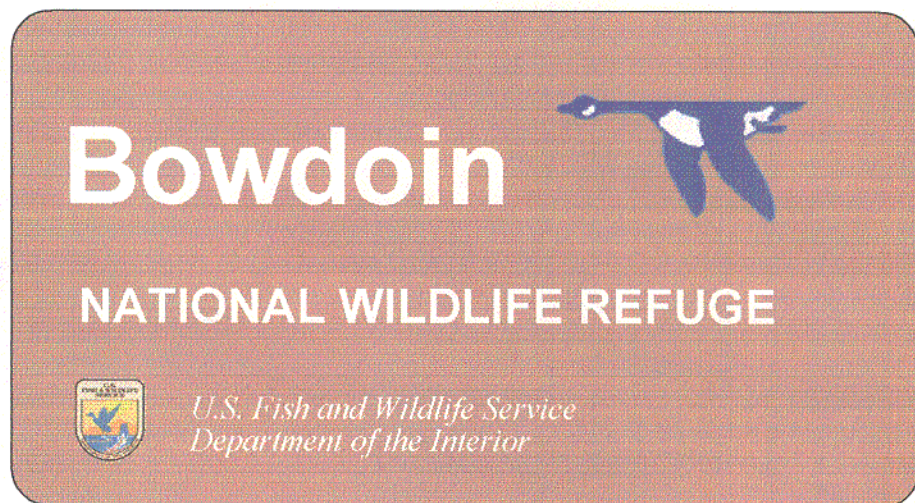
When making a 5' x 10' (16.25 m X 32.5 m) sign, use material equal to the above.

### Reflective Materials:

All reflective materials (sheeting, legend, borders, and symbols) will conform to the "Standard Specifications for Construction of the Roads and Bridges on Federal Highway Projects", FP (current edition): and Federal Specification L-S-300C.

Sheeting will be either heat-activated or pressure sensitive, and will be engineer grade, unless specified otherwise. Colors will be as specified in the Manual on Uniform Traffic Control Devices (MUTCD) and Service specifications.

This sign will be suitable for most Service facilities. However, in those instances where the standard sign may be inappropriate, a project leader may order custom entrance signs by obtaining, in writing, concurrence from his/her supervisor, the Regional Sign Coordinator, and the Regional Director.



## HORIZONTAL FORMAT

**Substrate** - 3/4" (1.875 cm) HDP Plywood

**Background** - 3M brown reflective sheeting

**Letters#1** - 3M white reflective

**Letters#2** - 3M beige non-reflective

**Emblem** - 8"(20 cm) Reflective multi-colored only

**Blue Goose** - 3M white reflective

3M blue reflective

**Radius Corners** - 3" (7.5 cm)

*If sign is being framed in wood by refuge, request square corners.*

# 4 feet X 8 feet Format

12" x 24" Blue Goose

8" U.C.

8" U.S.F.W.S. Logo

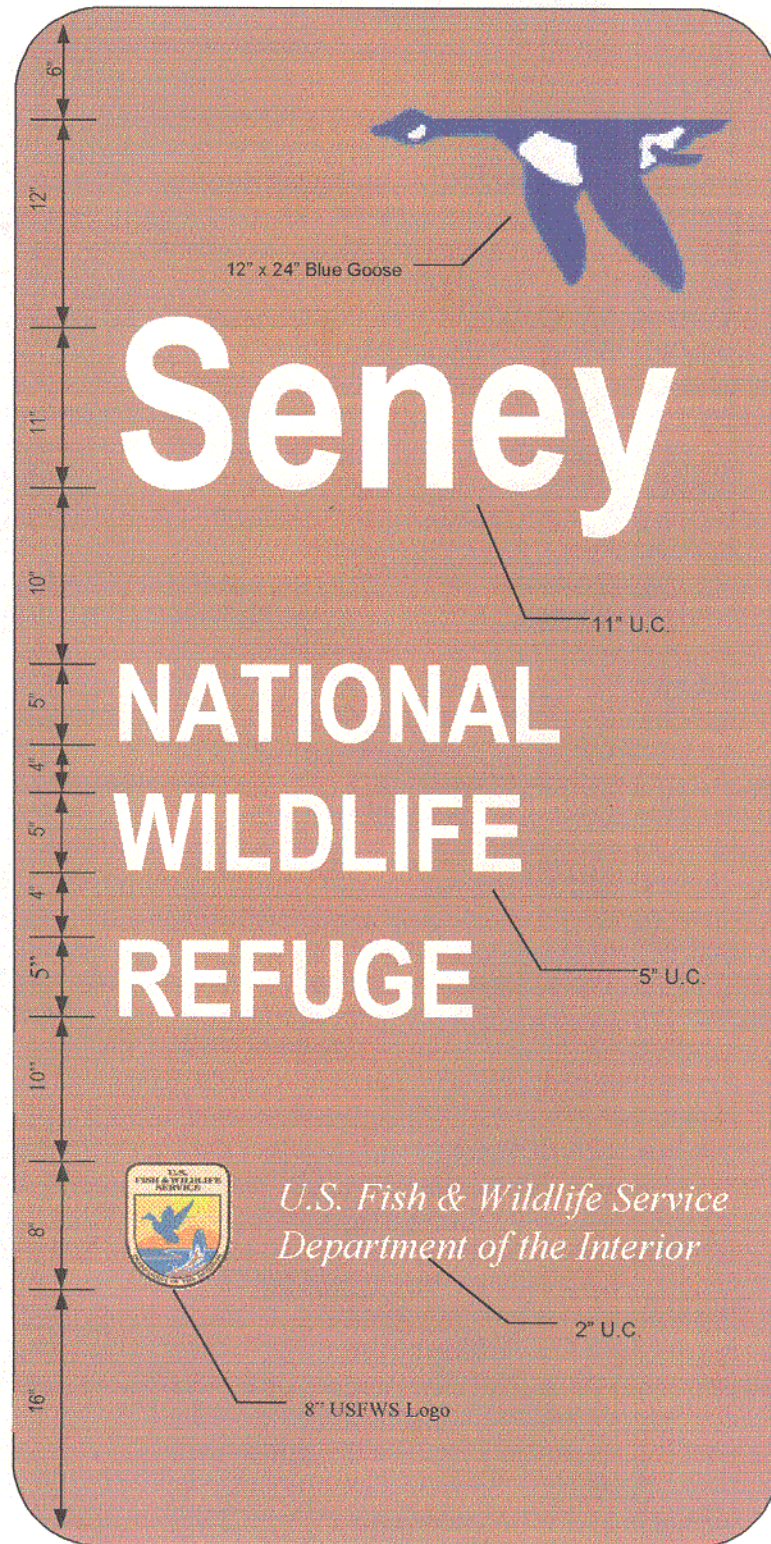
2" U.C.

U.S. Fish and Wildlife Service  
Department of the Interior

Mississippi  
Sandhill Crane  
NATIONAL WILDLIFE REFUGE

Vertical dimensions on the left: 4", 8", 4", 8", 5", 4", 3", 8", 4"

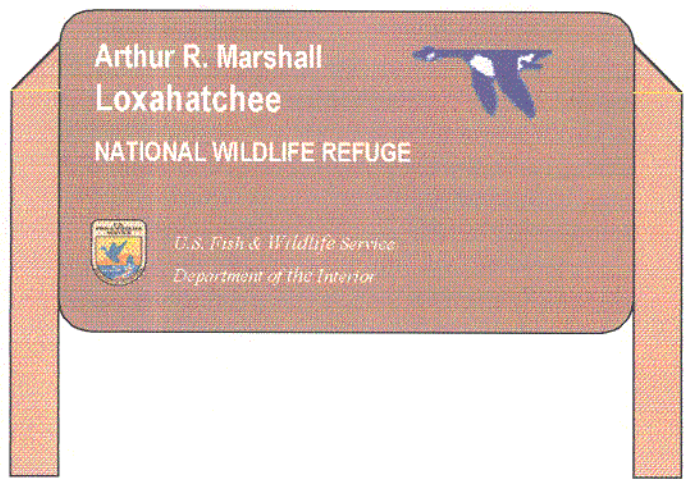
6" = 15cm	12" = 30.6cm	11" = 27.5cm	10" = 25cm	5" = 12.5cm
4" = 10cm	9" = 22.5cm	8" = 20cm	16" = 40cm	24" = 60cm
2" = 5cm	3" = 7.5cm			



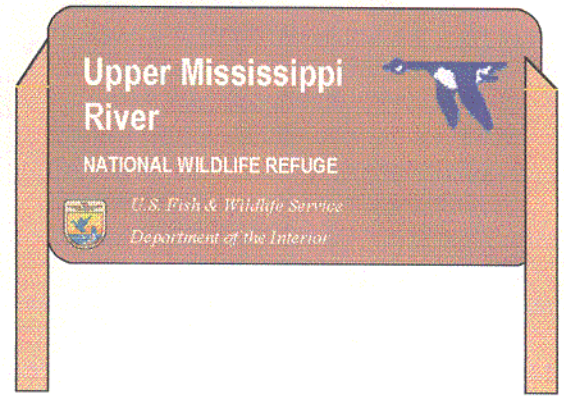
8 ft X 4 ft  
Format

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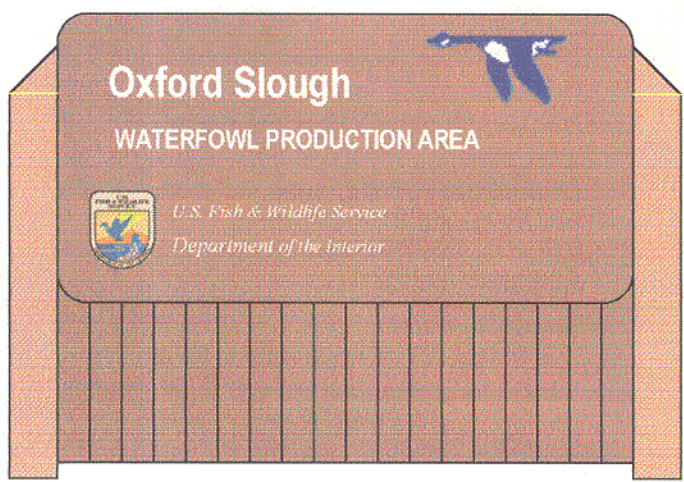
## HORIZONTAL SIGNS



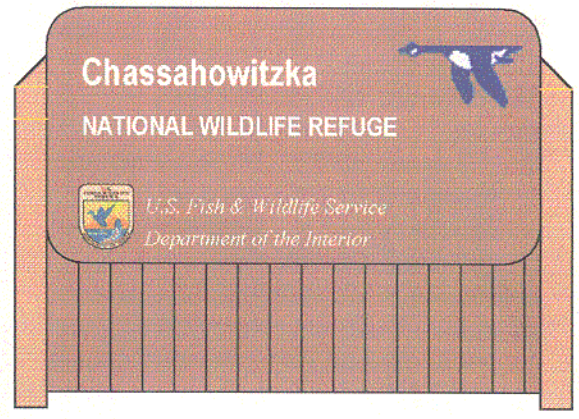
5 ft X 10 ft FORMAT  
150 cm X 300 cm



4 ft X 8 ft FORMAT  
120 cm X 240 cm



5 ft X 10 ft FORMAT  
WITH SKIRTING  
150 cm X 300 cm



4 ft X 8 ft FORMAT  
WITH SKIRTING  
120 cm X 240 cm