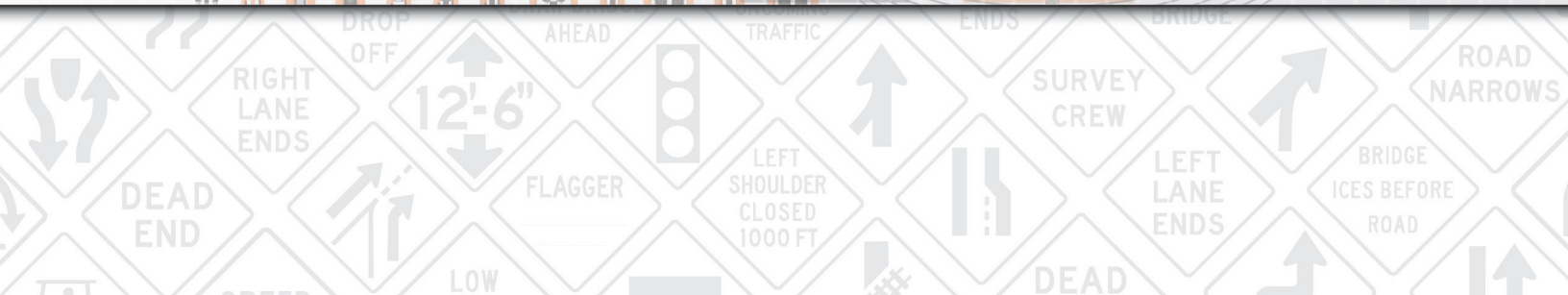




2015 CATALOG



Letter from the President:

Bone Safety Signs is one of the leading manufacturers of temporary traffic control devices in both the United States and Canada for over 33 years. In those years, Bone has been an integral part of the growth of these products in our industry and the safety they provide to our customers. The owner of our company, Herman Brown, was the inventor of and has numerous patents including the single spring sign stand, auto latch bracket for the quick release and attachment of signs to the sign stand and the plastic corner pocket for roll up signs. He has instilled in all of us at Bone to provide only the best and safest products along with top notch customer service.

Our company has a full line of both roll up and rigid sign stands; all Bone stands and signs are NCHRP 350 approved. The Bone roll up sign stands are equipped with Bone's patented auto latch bracket. The exclusive quick release system allows the user to quickly and easily attach and release the sign resulting in a fast and safe work zone exit. Other features unique to our stands are pull pin and kick release for fast setup by hand or foot, simple nut and bolt construction which allows fast repairs using basic hand tools, readily available replacement parts or assemblies and a breakaway base that is the first of its kind. It has been designed, if impacted, to rotate 90 degrees to the ground causing no damage to the undercarriage of the impacting vehicle. The entire lines of Bone roll up and rigid stands have been designed to keep our users safe in the work zone.

Bone Safety also offers complete digital and silk screen printing services. Regardless of your specialized legend or logo requirements, Bone is equipped to build a roll up or rigid sign to meet your needs. All SafeZone Series signs are made from premium, state-of-the-art materials. For daytime use we offer Premium Mesh and Non-Reflective Vinyl with superior fade resistant stabilizers. For daytime as well as night time usage, we offer Standard Reflective and High Performance Reflective materials. Whether your requirement is for daytime or nighttime usage, Bone has the sheeting products to fit your needs.

As the industry changes and the environment comes into play, Bone has gone green. Bone now has the ability to refurbish aluminum flat panel and extruded signs. The refurbishing process consists of totally removing reflective sheeting and adhesive without damage to the flat panel and extruded signs. This is done by a hydro blasting process that uses no heat or chemicals. All water used in this process is treated and recycled. The energy cost to refurbish is only a fraction of the cost to recycle the aluminum. This process allows the customer to utilize usable old or damaged signs and reduce total cost for replacement signs as much as 20%.

Bone Safety Signs successes have been built around "listening to what our customers have to say" and building our products around their concerns and requirements. We appreciate our customers praise as well as their opinions on how to improve our products and services so please do not hesitate to contact us with your comments! Offering great safety products, innovative new services, customer service and delivery times have been Bone Safety Signs priorities for over 33 years. Call us today and find out how Bone can help your business grow and be safe.

Sincerely,



Ben F. Cohen
President



Call Toll Free: 1-800-873-2399

Fax: 770-333-1639

Web: www.bonesafety.com



Content

- ic.* Letter from the President
- 2. Roll-Up Signs and Overlays
- 4. Roll-Up Materials
- 6. Roll-Up Sign Features
- 7. Overlays
- 8. MUTCD Work Zone Signs
- 10. MUTCD Warning Signs
- 12. MUTCD Regulatory Signs
- 14. BONELIGHT (ACM) Signs
- 15. Custom Banners & Signs
- 16. SafeZone Series Sign Stands
- 24. Rubber Base System
- 25. Catapult
- 26. Traffic Control Accessories
- 28. General Terms and Conditions
- 29. Create Your own Sign

Standard Roll-Up

Bone Safety Signs is a full service custom silk-screening facility. Regardless of your specialized legend or logo requirement, we can build a Roll-Up sign to meet your needs. We can also fabricate Roll-Up signs with special colors or size requirements. For a free custom sign quotation, please contact our customer service department.

All **SafeZone Series** signs are made of premium, state-of-the-art materials. For daytime use we offer **Premium Mesh** and **Non-Reflective Vinyl** with superior fade resistant UV stabilizer. For daytime as well as nighttime usage, we offer **Standard Reflective** and **High Performance Reflective** materials.



All **SafeZone Series** Roll-Up signs conform to the Manual on Uniform Traffic Control Devices (MUTCD) and are **NCHRP-350** tested and certified.



All **SafeZone Series** custom signs and overlays are built to the same exacting specifications as our stock signs with standard legends.

We specialize in customized Roll-Up signs utilizing overlays for DOT's, Telco's, Power Utilities, Road Contractors, City & County Governments, Mowing Crews, Landscapers, Underground Utility Contractors, Barricade Rental companies and many more. Let us help you design a sign system for your specific application.

Our patented Bone Corner Pocket, the first ever quick release sign stand, the springless sign stand and anti-kiting devices have helped make Bone Safety Signs the industry leader.

SOFT

DM

ANCED
ED
EAD



DENT
EAD

HT

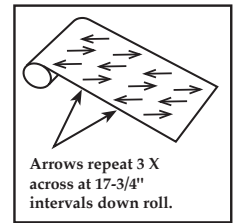
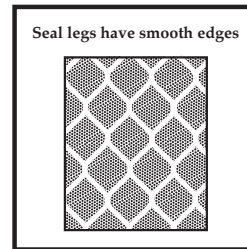
LE



Roll-Up Sign Sheeting

Diamond Grade™ (DG)

3M™ Diamond Grade™ Roll-Up Sign Sheeting Series RS20/RS24 is a visible light-activated fluorescent wide angle prismatic lens reflective sheeting designed for the production of Roll-Up traffic control signs used in construction work zones. This sign sheeting is designed to provide higher nighttime sign brightness than sheetings that use glass bead lenses. RS24 sheeting has higher daytime brightness than ordinary (non-fluorescent) colored sheeting. Series RS20/RS24 sheeting is backed with a strong, flexible, gray-coated fabric.



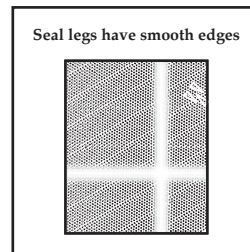
Interlocking Diamond Seal Pattern
Sheeting is positioned at 90° rotation angle.

Color	Product Code
White	RS20
Fluorescent Orange	RS24

Hi-Intensity

3M™ Roll-Up Hi-Intensity Sign Sheeting Series RS30 consists of retroreflective microprisms formed on a flexible glossy and UV-stabilized polymeric film, designed for the production of roll up traffic control signs used in work zones and emergency traffic control. This sign sheeting is designed to provide higher nighttime sign brightness. Series RS30 sheeting has a protective film on the facing side and is backed with a heavy duty vinyl coated fabric.

Color	Product Code
White	RS30
Fluorescent Pink	RS33
Fluorescent Orange	RS34



Retroreflective Microprisms
Sheeting is positioned at 90° rotation angle.



Non-Reflective Fluorescent Orange Roll-Up Signs

Non-Reflective Fluorescent Orange Roll-Up Signs are constructed of a fabric reinforced UV stable vinyl. This construction will not delaminate and provides excellent durability and fluorescence stability.

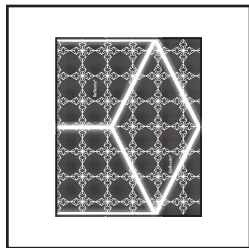
Non-Reflective Fluorescent Orange Roll-Up Signs are suitable for maintenance and moving operations. They are intended for daytime use only. They are not intended for use during night operations or low light conditions.

Marathon (M)

Orafol's Roll-Up sign blanks which utilize Marathon Fluorescence take performance to a higher level. The longer lasting fluorescent color gives the sign a longer useful life and offers outstanding visibility, day and night. Higher levels of photometric performance ensure superior reflectivity at night and in low light conditions. Orafol High Performance Marathon Fluorescence signs are available in the following colors: fluorescent orange, fluorescent yellow-green (lime), non-fluorescent white, and the new fluorescent yellow.

Color

Marathon Fluorescent Orange
 Fluorescent Yellow-Green (lime)
 White
 Fluorescent Yellow



Superbright (SB)

This is one of Orafol's most popular products. Superbright fluorescent prismatic sign blanks are used by our customers to create the work zone signs you see on the road. As a motorist, you benefit from maximum visibility at long distances, day and night. Orafol's color stability technology ensures a long and useful life. Superbright colors are: fluorescent orange, non-fluorescent white, yellow and the new fluorescent pink color recommended for Incident Management applications.

Color

Fluorescent Orange
 Fluorescent Pink
 White
 Yellow

Premium Mesh

Bone Safety Signs' true fluorescent orange mesh is flexible, breathable, and mildew resistant. (Fig.1) Great strength and durability, along with high color visibility, make this fabric ideal in safety applications.

Color

White
 Fluorescent Orange

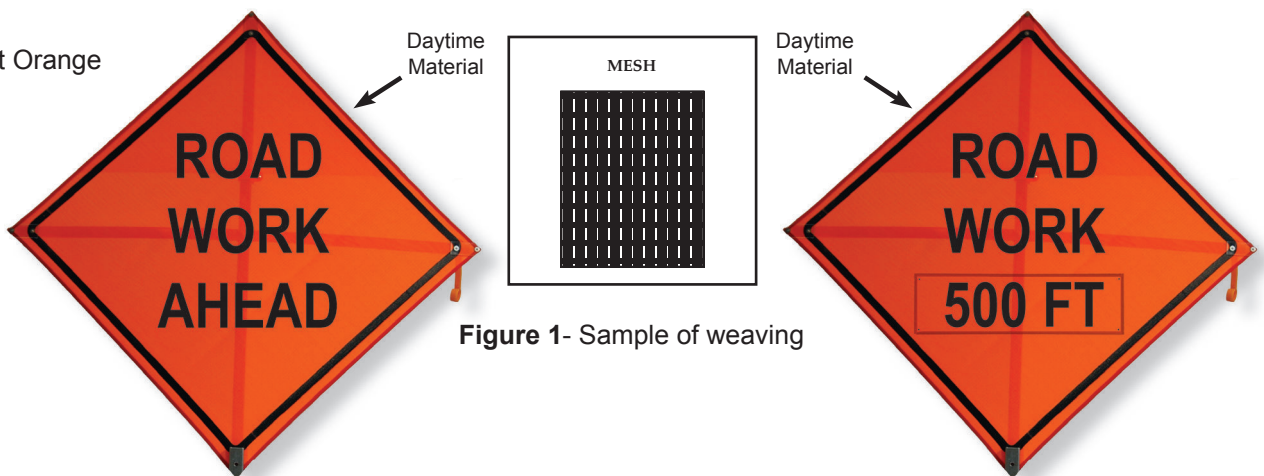


Figure 2- 36x36
 ROAD WORK AHEAD

Figure 1- Sample of weaving

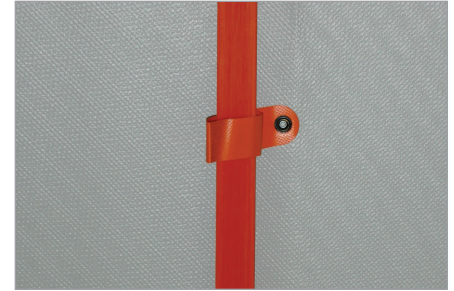
Figure 3- 36x36
 ROAD WORK AHEAD
 500 FT Overlay over AHEAD

SafeZone Series Roll-Up Sign Features



Bone Corner Pockets

Since 1985, the patented Bone Corner Pocket has become the industry standard for Roll-Up signs. With an exclusive lifetime warranty, the durable Lexan corner pocket holds the sign frame firmly in place while protecting all four corners of the sign for increased durability. This allows for quick and easy set-up and removal of Roll-Up signs.



Anti-kiting Devices

The pre-coated nylon strap attaches to the sign and rib assembly to eliminate the sail effect caused by back wind that could walk a stand into oncoming traffic.



Auto-Latch Feature

Standard on all of our sign stands, except when universal bracket option is requested. Bone's patented corner pocket easily snaps into Auto-Latch. The quick release lever allows easy sign removal.



SafeZone Series Sign Storage Strap

The hook & loop Sign Storage Strap assures that the Roll-Up sign will remain rolled up during storage.



SafeZone Series Sign Carrying Bags

All **SafeZone Series** Sign Storage Bags are made of a heavy-duty fabric to help in providing protection for your Roll-Up signs when stored. The bags are mildew and rot resistant and are designed to prolong the life of your roll-up signs. A must for all reflective signs!

SafeZone Series Sign Legend Identification

The border legend on Bone's standard legends allows for quick identification of the Roll-Up sign without the necessity of unrolling the sign face.



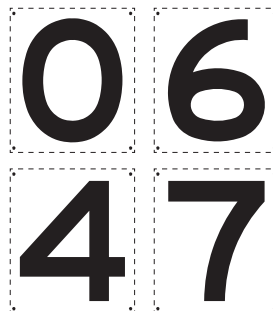
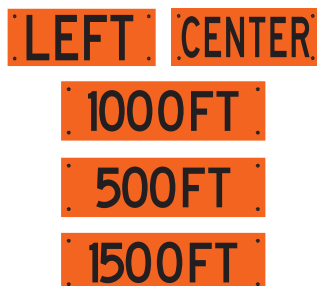
SafeZone Series Overlays



SafeZone Series Sign Overlays

All overlay panels attach to sign faces with durable, weather resistant brass snap button fasteners. Velcro may be used upon request. Signs and overlays are designed so that overlays may be attached to the back of the sign for storage.

Roll-Up Overlays



Standard Overlays

36" Roll-up Overlays- 6"x16" (LEFT/CENTER), 7"x22" (FOOTAGE), 9"x28" (TRANSITION)
 48" Roll-up Overlays- 8"x23" (LEFT/CENTER), 8"x30" (FOOTAGE), 12"x38-1/2" (TRANSITION)

Custom size overlays are available upon request

WORK ZONE	W1-1L 24" X 24" 30" X 30" 36" X 36" 48" X 48"	W1-1R 24" X 24" 30" X 30" 36" X 36" 48" X 48"	W1-2L 24" X 24" 30" X 30" 36" X 36" 48" X 48"	W1-2R 24" X 24" 30" X 30" 36" X 36" 48" X 48"	W1-3L 24" X 24" 30" X 30" 36" X 36" 48" X 48"	W1-3R 24" X 24" 30" X 30" 36" X 36" 48" X 48"	W1-4L 24" X 24" 30" X 30" 36" X 36" 48" X 48"	W1-4R 24" X 24" 30" X 30" 36" X 36" 48" X 48"	W1-6L 24" X 12" 36" X 18" 48" X 24" 60" X 30"	W1-6R 24" X 12" 36" X 18" 48" X 24" 60" X 30"	
W4-3L 30" X 30" 36" X 36" 48" X 48"	W4-3R 30" X 30" 36" X 36" 48" X 48"	W4-5 30" X 30" 36" X 36" 48" X 48"	W4-6 30" X 30" 36" X 36" 48" X 48"	ROAD NARROWS W5-1 30" X 30" 36" X 36" 48" X 48"	NARROW BRIDGE W5-2 30" X 30" 36" X 36" 48" X 48"	ONE LANE BRIDGE W5-3 30" X 30" 36" X 36" 48" X 48"	RAMP NARROWS W5-4 30" X 30" 36" X 36" 48" X 48"	W6-1 30" X 30" 36" X 36" 48" X 48"	W6-2 30" X 30" 36" X 36" 48" X 48"	W6-2a 24" X 24" 30" X 30" 36" X 36" 48" X 48"	W6-2b 24" X 24" 30" X 30" 36" X 36" 48" X 48"
ROUGH ROAD W8-8 24" X 24" 30" X 30" 36" X 36" 48" X 48"	LOW SHOULDER W8-9 24" X 24" 30" X 30" 36" X 36" 48" X 48"	SHOULDER DROP OFF W8-9a 24" X 24" 30" X 30" 36" X 36" 48" X 48"	UNEVEN LANES W8-11 24" X 24" 30" X 30" 36" X 36" 48" X 48"	NO CENTER STRIPE W8-12 24" X 24" 30" X 30" 36" X 36" 48" X 48"	RIGHT LANE ENDS W9-1R 24" X 24" 30" X 30" 36" X 36" 48" X 48"	LEFT LANE ENDS W9-1L 24" X 24" 30" X 30" 36" X 36" 48" X 48"	LANE ENDS MERGE LEFT W9-2L 24" X 24" 30" X 30" 36" X 36" 48" X 48"	LANE ENDS MERGE RIGHT W9-2R 24" X 24" 30" X 30" 36" X 36" 48" X 48"	CENTER LANE CLOSED AHEAD W9-3 30" X 30" 36" X 36" 48" X 48" 60" X 60"	LEFT LANE CLOSED AHEAD W9-3L 30" X 30" 36" X 36" 48" X 48" 60" X 60"	RIGHT LANE CLOSED AHEAD W9-3R 30" X 30" 36" X 36" 48" X 48" 60" X 60"
STREET ROAD WORK W9-3a 36" X 36" 48" X 48" 60" X 60"	STREET ROAD WORK W20-1 36" X 36" 48" X 48" 60" X 60"	STREET DETOUR W20-2 36" X 36" 48" X 48"	STREET ROAD CLOSED W20-3 36" X 36" 48" X 48"	STREET ONE LANE ROAD W20-4 36" X 36" 48" X 48"	STREET RIGHT LANE CLOSED 1/2 MILE W20-5 30" X 30" 36" X 36" 48" X 48"	STREET RIGHT TWO LANES CLOSED 1/2 MILE W20-5a 30" X 30" 36" X 36" 48" X 48"	FLAGGER W20-7 36" X 36" 48" X 48"	FLAGGER W20-7a 36" X 36" 48" X 48"	WORKERS W21-1 24" X 24" 30" X 30" 36" X 36"	WORKERS W21-1a 30" X 30" 36" X 36" 48" X 48"	FRESH OIL W21-2 24" X 24" 30" X 30" 36" X 36"
W24-1(R) 36" X 36" 48" X 48" 60" X 60"	W24-1a(R) 36" X 36" 48" X 48" 60" X 60"	W24-1b(R) 36" X 36" 48" X 48" 60" X 60"	ROAD WORK NEXT 7 MILES G20-1 36" X 18"	END ROAD WORK G20-2 36" X 18"	PILOT CAR FOLLOW ME G20-4 36" X 18"	EXIT ONLY E5-3 48" X 36"	EXIT OPEN E5-2 48" X 36"	EXIT CLOSED E5-2a 48" X 36"	DETOUR M4-8 24" X 12" 30" X 15"	END DETOUR M4-8a 24" X 18"	END M4-8b 24" X 12"

Bone Safety Signs Standard Legends



Bone Safety Signs uses only the finest materials to produce our Temporary Traffic Control Signs. After all, it is the most important sign on the roadway – not only warning of the danger ahead but protecting all the construction workers in the work zone.

ACCIDENT AHEAD
 ARROW (REVERSIBLE)
 BLANK MATERIAL (NO LEGEND)
 BORDER ONLY
 BE PREPARED TO STOP
 BEGIN MOWING ZONE
 BUMP
 BUMP AHEAD
 CHILD SAFETY SEAT CHECK
 AHEAD
 CONSTRUCTION AHEAD
 DETOUR AHEAD
 EMERGENCY SCENE AHEAD
 END CONSTRUCTION
 END MOWING ZONE
 END ROAD WORK
 END UTILITY WORK
 FLAGGER AHEAD
 FLAGGER SYMBOL