

# GARDEN STATE HIGHWAY PRODUCTS, Inc.

W.B.E. and D.B.E.  
Certified  
Member of the  
Small Business Bureau



Traffic Signs,  
Traffic Control and  
Safety Products

"YOUR SAFETY IS OUR BUSINESS"

# GSHP

INC.



New Jersey's Largest  
Independent Sign Fabricator



"Your Safety Is Our Business"®



# Your Complete Source for Reflective Signs and Accessories....



Garden State Highway Products, Inc.

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## To Our Customers -



1987



1990



1994



1999



2009



2014



2016

Whenever Garden State Highway Products, Inc. commences work on a new product catalog, we reflect back on our previous product catalogs and, in particular, on their introductory letters. Ostensibly, our introductory letters document the evolution of this company. During our introductory letter review, the following words stood out, "Garden State appreciates your job - meeting the needs of your specific traffic signing program - and we recognize that it is a difficult, often complex challenge. From the smallest village and back road . . . to the largest city and interstate highway . . . roadside traffic signs and traffic control products must be in place, doing their jobs to insure public safety. Fulfilling the responsibilities of this task requires versatile, economical, high quality products which are backed by an experienced manufacturer."

These phrases intrinsically express the philosophy of our business - producing quality traffic and safety signs and distributing quality traffic accessories to better allow our customers to do their jobs. These words have as much meaning now as they did twenty years ago when GSHP, Inc. first opened its doors. The meaning inherent in these expressions is the benchmark to our continued journey - a journey that started in 1977 when we began working in the traffic safety industry. The journey progressed when, in 1987, we opened Garden State Highway Products, Inc.. Located in Vineland, New Jersey, we have continually expanded our physical facility and upgraded our production equipment and traffic safety product line to remain in advance of the traffic safety industry. Garden State Highway Services, a division of GSHP, Inc., was established in 2001 to provide temporary and permanent sign installation and to supply a complete array of construction work zone services and equipment.

Every catalog that we produce is symbolic of the growth of Garden State Highway Products, Inc. Thus, it is with great pride that we are pleased to offer you the fifth edition of GSHP, Inc.'s product catalog. This catalog continues our stated special desire to give you, our customers, the best product catalog and the finest traffic safety signs and products that can be offered. The following pages will reacquaint you with our extensive list of highway, traffic, safety and interstate overhead signs and related products. In addition, we introduce you to many new products that are now offered by Garden State, such as driver feedback signs and solar illuminated traffic signs.

We believe that our catalog is a valuable and useful tool in assisting you with planning and meeting the needs of your traffic safety program. Please contact us via our toll free number, FAX service, e-mail or our continually updated web site on the Internet, and allow our professional sales staff to help you. Thank you for requesting our newest catalog. As ever, at Garden State Highway Products, Inc. we truly believe that "your safety is our business."

Best Regards,

*Sharon & Bob Green*

Sharon and Robert Green  
President and Vice-President



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# REGULATORY SIGNS



**R1-1**  
48"x48"  
36"x36"  
30"x30" \*  
24"x24"



**R1-2**  
48"x48"x48"  
36"x36"x36" \*  
30"x30"x30"



**R1-4**  
18"x6" \*



**R1-5R**  
18"x18" \*



**R1-5L**  
18"x18" \*



**R1-5aL**  
18"x24" \*



**R1-5aR**  
18"x24" \*



**R1-6**  
12"x36" \*



**R1-6a**  
12"x36" \*



**R2-1**  
36"x48"  
30"x36"  
24"x30" \*  
18"x24"  
**R2-1(55) Pictured**



**R3-1**  
24"x24" \*



**R3-1P**  
24"x18" \*



**R3-2**  
24"x24" \*



**R3-2P**  
24"x18" \*



**R3-3**  
36"x36"  
30"x30"  
24"x24" \*



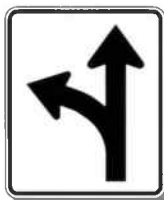
**R3-4**  
24"x24" \*



**R3-4P**  
24"x18" \*



**R3-5L**  
30"x36" \* †  
**R3-5R Available**



**R3-6L**  
30"x36" \* †  
**R3-6R Available**



**R3-7L**  
30"x30" \*



**R3-7R**  
30"x30" \*



**R3-8B**  
30"x30" \*  
**Other arrow configurations available**



**R3-8T**  
48"x30" \*

*Other arrow configurations available*



**R3-9a**  
30"x36" \* †



**R3-9b**  
24"x36" \*



**R3-12**  
30"x42" \*



**R3-12a**  
30"x42" \*



**R3-17**  
30"x24" \*



# REGULATORY SIGNS



**R3-17a**  
30"x12" \*



**R3-17b**  
30"x12" \*



**R3-18**  
24"x24" \*



**R4-1**  
24"x30" \*  
18"x24" (Min.)



**R4-7**  
24"x30" \*  
18"x24"



**R4-7P**  
24"x18" \*



**R4-7a**  
24"x30" \*  
18"x24" (Min.)



**R4-7b**  
24"x30" \*  
18"x24" (Min.)



**R4-8**  
24"x30" \*  
18"x24"



**R4-8P**  
24"x18" \*



**R5-1**  
30"x30" \*



**R5-1A**  
36"x24" \*  
30"x18"



**R5-2**  
24"x24" \*



**R5-2P**  
24"x18" \*



**R5-2a**  
24"x24" \*



**R5-3**  
24"x24" \*



**R5-6**  
24"x24" \*



**R5-6P**  
24"x18" \*



**R6-1R**  
36"x12" \*



**R6-1L**  
36"x12" \*



**R6-2R**  
24"x30" \*  
18"x24"  
R6-2L Available



**R8-8**  
24"x30" \*



**R9-3**  
12"x18" \*



**R9-3a**  
18"x18" \*



**R9-3aP**  
18"x12" \*



**R9-3bL**  
18"x12" \*



**R9-3bR**  
18"x12" \*



**R9-9A**  
30"x36"  
24"x30"  
18"x24" \*



**R9-9B**  
36"x30" \*



**R9-9**  
24"x12"  
30"x18" \*



**R9-10**  
24"x12"  
48"x24"  
Left Arrow Available



**R9-11**  
24"x12"  
48"x36"  
Left Arrow Available

\* Size indicated is the standard size recommended in the MUTCD. The MUTCD specifies that all signs on this page shall be reflectorized to show the same color day or night.



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# REGULATORY SIGNS



**R10-3**  
9"x12" \*



**R10-3aL**  
9"x12" \*  
R10-3aR Available



**R10-3bL**  
9"x12" \*  
R10-3bR Available



**R10-3cL**  
9"x12" \*  
R10-3cR Available



**R10-3dL**  
9"x12" \*  
R10-3dR Available



**R10-3eL**  
9"x15" \*  
R10-3eR Available



**R10-4**  
9"x12" \*



**R10-4aL**  
9"x12" \*  
R10-4aR Available



**R10-4bL**  
9"x12" \*  
R10-4bR Available



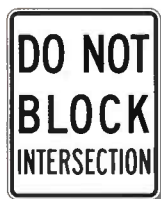
**R10-5**  
24"x30" \*  
30"x36" \*  
48"x60" \*



**R10-6**  
24"x36" \*



**R10-6a**  
24"x30" \*  
R10-6a(R) Available



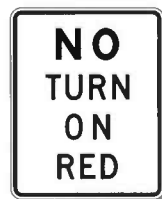
**R10-7**  
24"x30" \*



**R10-10L**  
24"x30" \*  
R10-10R Available



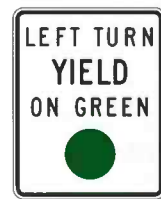
**R10-11**  
18"x24" \*  
24"x30" \*  
36"x48" \*



**R10-11a**  
24"x30" \*  
18"x24" \*



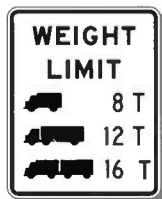
**R10-11b**  
24"x24" \*  
18"x18" \*



**R10-12**  
24"x30" \*



**R12-1**  
24"x30" \* †  
R12-1(4) Pictured  
Weight Optional



**R12-5**  
30"x42" †  
24"x36" \* †  
Weights Optional



**R14-1**  
24"x18" \*

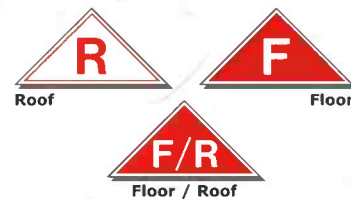
**R15-2**  
27"x18" \*



**R15-1**  
48"x9" \*



## FIRE CODE FLOOR/ROOF TRUSS SIGNS



## CALIFORNIA STANDARD MARKERS

Aluminum Panel w/ Engineer Grade reflective finish and black border.

**Type N-1** 18"x18" yellow

**Type N-2** 18"x18" red

**Type N-3** 18"x18" orange

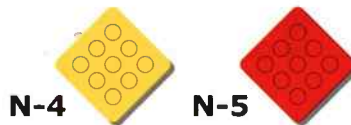
Aluminum Panel w/ Engineer Grade reflective finish and 9 HIP circles.

**Type N-4** 18"x18" yellow on yellow

**Type N-5** 18"x18" red on red

Engineer Grade reflective finish and no border.

**ER-1** 18"x18" red





# WARNING SIGNS



**W1-1R**  
*Turn Symbol*  
36"x36"  
30"x30" \*  
24"x24"  
W1-1L Available



**W1-1aR**  
*Turn Symbol*  
36"x36"  
30"x30" \*  
24"x24"  
W1-1aL Available



**W1-2R**  
*Curve Symbol*  
36"x36"  
30"x30" \*  
24"x24"  
W1-2L Available



**W1-2aR**  
*Curve Symbol*  
36"x36"  
30"x30" \*  
24"x24"  
W1-2aL Available



**W1-3R**  
*Reverse Turn Symbol*  
36"x36"  
30"x30" \*  
24"x24"  
W1-3L Available



**W1-4R**  
*Reverse Turn Symbol*  
36"x36"  
30"x30" \*  
24"x24"  
W1-4L Available



**W1-5R**  
*Winding Road Symbol*  
36"x36"  
30"x30" \*  
24"x24"  
W1-5L Available



**W1-6**  
48"x24" \*



**W1-7**  
48"x24" \*



**W1-8**  
24"x30"  
18"x24" \*  
12"x18"



**W2-1**  
*Cross Road*  
36"x36"  
30"x30" \*  
24"x24"



**W2-2R**  
*Side Road 90°*  
36"x36"  
30"x30" \*  
24"x24"  
W2-2L Available



**W2-3R**  
*Side Road 45°*  
36"x36"  
30"x30" \*  
24"x24"  
W2-3L Available



**W2-4**  
*T-Symbol*  
36"x36"  
30"x30" \*  
24"x24"



**W2-5**  
*Y-Symbol*  
36"x36"  
30"x30" \*  
24"x24"



**W2-6**  
*Circular Intersection*  
36"x36"  
30"x30" \*  
24"x24"



**W3-1**  
*Stop Ahead Symbol*  
36"x36" \*  
30"x30"  
W3-1P Plaque  
24"x18" \*



**W3-1a**  
36"x36" \*  
30"x30"



**W3-2**  
*Yield Ahead Symbol*  
36"x36" \*  
30"x30"  
W3-2P Plaque  
24"x18" \*



**W3-2a**  
36"x36" \*  
30"x30"



**W3-3**  
*Signal Ahead Symbol*  
36"x36" \*  
30"x30"  
W3-3P Plaque  
24"x18" \*



**W3-3a**  
36"x36" \*  
30"x30"



**W3-5**  
*Speed Reduction Symbol*  
36"x36" \*  
30"x30"  
W3-5(45) Pictured



**W3-5a**  
36"x36" \*  
30"x30"  
W3-5a(45) Pictured



**W4-1R**  
*Merge*  
36"x36" \*  
30"x30"  
W4-1L Available  
W4-1P Plaque  
24"x18" \*

\* Size indicated is the standard size recommended in the MUTCD. The MUTCD specifies that all signs on this page shall be reflectorized to show the same color day or night.  
**ALL WARNING SIGNS ON THIS PAGE USED IN CONSTRUCTION AREAS ARE AVAILABLE IN BLACK ON ORANGE.**



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MILE

5

# WARNING SIGNS



**W4-2R**  
**Lane Ends**  
48"x48"  
36"x36" \*  
30"x30" \*  
**W4-2L Available**



**W4-3R**  
**Added Lane**  
48"x48"  
36"x36" \*  
**W4-3L Available**



**W5-1**  
48"x48"  
36"x36" \*  
30"x30"



**W5-2**  
48"x48"  
36"x36" \*  
30"x30"



**W5-2a**  
36"x36" \*  
30"x30"  
**W5-2aP Plaque**  
24"x18" \*



**W5-3**  
48"x48"  
36"x36" \*  
30"x30"



**W6-1**  
**Divided Highway**  
48"x48"  
36"x36" \*  
30"x30"  
**W6-1P Plaque**  
24"x18" \*



**W6-1a**  
48"x48"  
36"x36" \*  
30"x30"



**W6-2**  
**Divided Highway Ends**  
48"x48"  
36"x36" \*  
30"x30"  
**W6-2P Plaque**  
24"x18" \*



**W6-2a**  
48"x48"  
36"x36" \*  
30"x30"



**W6-3**  
**Two Way Traffic**  
48"x48"  
36"x36" \*  
30"x30"  
**W6-3P Plaque**  
24"x18" \*



**W6-3a**  
48"x48"  
36"x36" \*  
30"x30"



**W7-1**  
**Hill**  
36"x36"  
30"x30" \*  
24"x24"  
**W7-1P Plaque**  
24"x18" \*



**W7-1a**  
36"x36"  
30"x30" \*  
24"x24"



**W7-1b**  
**Hill w/ Grade %**  
36"x36"  
30"x30" \*  
24"x24"  
**W7-1b(10) Pictured**



**W8-1**  
36"x36"  
30"x30" \*  
24"x24"



**W8-2**  
36"x36"  
30"x30" \*  
24"x24"



**W8-3**  
36"x36"  
30"x30" \*  
24"x24"



**W8-3a**  
**Pavement Ends**  
36"x36"  
30"x30" \*  
24"x24"  
**W8-3aP Plaque**  
24"x18" \*



**W8-4**  
36"x36"  
30"x30"  
24"x24"



# WARNING SIGNS



**W8-5**  
**Slippery When Wet**  
36"x36"  
30"x30" \*  
24"x24"  
**W8-5P Plaque**  
24"x18" \*



**W8-9**  
36"x36"  
30"x30" \*  
24"x24"



**W8-9a**  
**Shoulder Drop Off/  
Uneven Pavement**  
36"x36"  
30"x30" \*  
24"x24"



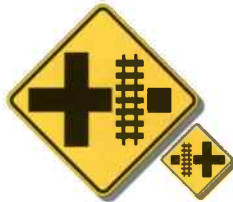
**W9-1R**  
36"x36"  
30"x30" \*  
24"x24"  
**W9-1L Available**



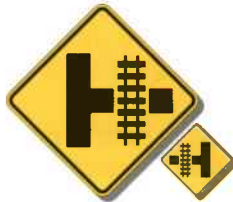
**W9-2R**  
48"x48"  
36"x36"  
30"x30" \*  
**W9-2L Available**



**W10-1**  
**Railroad Crossing**  
36"x36"  
30"x30" \*  
24"x24"



**W10-2R**  
**Railroad Crossing**  
48"x48"  
36"x36" \*  
30"x30"  
**W10-2L Available**



**W10-3R**  
**Railroad Crossing**  
48"x48"  
36"x36" \*  
30"x30"  
**W10-3L Available**



**W10-4R**  
**Railroad Crossing**  
48"x48"  
36"x36" \*  
30"x30"  
**W10-4L Available**



**W10-11**  
**Railroad Crossing**  
48"x48"  
36"x36" \*  
30"x30"



**W11-1**  
**Bicycle Symbol**  
30"x30"  
24"x24" \*  
18"x18"  
**W11-1P Plaque**  
24"x18" \*



**W11-2**  
**Pedestrian Crossing**  
36"x36"  
30"x30" \*  
24"x24"  
**W11A-2 Available**  
**W11-2P Plaque**  
24"x18" \*



**W16-7pL**  
30"x18"  
24"x12" \*  
**W16-7pR Available**



**W16-9P**  
30"x18"  
24"x12" \*



**W11-3**  
**Deer Crossing Symbol**  
36"x36"  
30"x30"  
24"x24" \*  
**W11-3P Plaque**  
24"x18" \*



**W11-4**  
**Cattle Crossing Symbol**  
36"x36"  
30"x30" \*  
24"x24"  
**W11-4P Plaque**  
24"x18" \*



**W11-5**  
**Farm Machinery  
Symbol**  
36"x36"  
30"x30" \*  
24"x24"  
**W11-5P Plaque**  
24"x18" \*



**W11-6**  
**Snowmobile Symbol**  
36"x36"  
30"x30" \*  
24"x24"  
**W11-6P Plaque**  
24"x18" \*



**W11-7**  
**Equestrian Symbol**  
36"x36"  
30"x30" \*  
24"x24"  
**W11-7P Plaque**  
24"x18" \*



**W11-8**  
**Emergency Vehicle  
Symbol**  
36"x36"  
30"x30" \*  
24"x24"  
**W11-8P Plaque**  
24"x18" \*



**W11-9**  
**Handicap Symbol**  
36"x36"  
30"x30" \*  
24"x24"  
**W11-9P Plaque**  
24"x18" \*

\* Size indicated is the standard size recommended in the MUTCD. The MUTCD specifies that all signs on this page shall be reflectorized to show the same color day or night.  
**ALL WARNING SIGNS ON THIS PAGE USED IN CONSTRUCTION AREAS ARE AVAILABLE IN BLACK ON ORANGE.**



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# WARNING SIGNS



**W11-10**  
**Truck Symbol**  
36"x36"  
30"x30" \*  
24"x24"  
**W11-10P Plaque**  
24"x18" \*



**W12-1**  
**Pass On Either Side**  
36"x36"  
30"x30" \*  
24"x24"



**W12-2**  
**Low Clearance**  
48"x48"  
36"x36" \*  
30"x30"  
**W12-2P Plaque**  
24"x18" \*



**W13-1**  
30"x30"  
24"x24"  
18"x18" \*  
**W13-1(15) Pictured**



**W13-2**  
48"x60"  
36"x48"  
24"x30" \*  
**W13-2(15) Pictured**  
**W13-3 (Ramp) Available**



**W14-1**  
36"x36"  
30"x30"  
24"x24" \*



**W14-2**  
36"x36"  
30"x30" \*  
24"x24"



**W14-3**  
48"x48"x36" \*  
**NOTE:** The MUTCD specifies when W14-3 is used it shall be erected on the left side of roadway at the beginning of the No Passing Zone.



**W15-1**  
**Playground Symbol**  
36"x36"  
30"x30" \*  
24"x24"  
**W15-1P Plaque**  
24"x18" \*



**W15-2(PA)**  
36"x36"  
30"x30" \*  
24"x24"



**W15-SP**  
30"x30" \*  
24"x24"  
**Blind Child Area Available**



**W16-1**  
**Duck Symbol**  
36"x36"  
30"x30" \*  
24"x24"



**W16-1(MUTCD)**  
24"x30"  
18"x24" \*



**W16-1(mod)**  
30"x30"  
24"x24"  
18"x18" \*



**W17-1**  
36"x36"  
30"x30" \*  
24"x24"  
**Speed Bump Available**



**W41-1**  
**Border Only**  
36"x36"  
30"x30" \*  
24"x24"



**W42-7**  
36"x36"  
30"x30" \*  
24"x24"



**W42-8**  
36"x36"  
30"x30" \*  
24"x24"

## OBJECT MARKERS

**\*NOTE:** The MUTCD designates Yellow/Black for **OM-3L** & **OM-3R**. Please check required color specifications.

### \*OM-1L and OM-1R

12"x36"  
8"x24"  
6"x24"



### OM-2L and OM-2R

12"x36"  
8"x24"  
6"x24"



### \*OM-3L and OM-3R

18"x36"  
12"x36"  
8"x24"  
6"x24"



PA Spec.

Stripes should slope down toward obstruction where traffic will pass.



# PARKING SIGNS

## Arrows on Parking Signs

If no arrow is specified, the legend will be centered in the space (e.g., R7-1). To order a sign with an arrow applied or a space for an arrow to be applied later, specify the sign number followed by (AR) "right arrow", (AL) "left arrow", (AD) "double arrow", or (AS) for "space for arrow".



**R7-1**  
12"x18" †



**R7-2**  
12"x18" †  
*Optional Time Limits*



**R7-2a**  
12"x18" †  
*Optional Time Limits*



**R7-4(AD)**  
12"x18" †



**R7-5(AR)**  
12"x18" †  
*Optional Time Limits*



**R7-6**  
12"x18" †



**R7-7(AL)**  
12"x18" †



**R7-107**  
12"x18" †



**R7-107a(AR)**  
12"x30" †  
12"x24" † (No Logo)



**R7-8**  
12"x18" †



**R7-8P**  
10"x12"



**R7-8Va**  
12"x6"



**R7-108**  
12"x18" †  
*Optional Time Limits*



Alternate Top Panels  
for R7-108 Signs  
*Optional Time Limits*



**R7-9**  
12"x18" †



**R7-9a**  
12"x18" †



**R7-14**  
12"x18" †



**R7-18**  
12"x18" †



**R7-19**  
12"x18" †



**R7-22**  
12"x18" †



**R7-22(mod)**  
12"x18" †



**R7-23**  
12"x18" †

† Available with left, right, or double arrows.

Parking signs can be printed or lettered with special legends per your order. Specify legend and arrows (if applicable) when ordering.



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# PARKING

# NEIGHBORHOOD WATCH

# UTILITIES SIGNS



**R7-25**  
12"x18" †



**R7-30**  
12"x18" †



**R7-32**  
12"x18" †



**R7-32(alt)**  
12"x18" †  
Optional Wording



**R7-35**  
12"x18" †



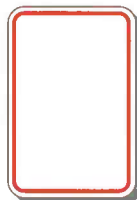
**R7-36**  
12"x18" †



**R7-37**  
12"x18" †  
Optional Time Limits



**R7-42**  
12"x18" †  
Optional Time Limits



**R7-100**  
12"x18" †  
Border Only  
Optional Colors



**R7-201**  
12"x6" \*



**R7-201a**  
12"x6" \*



**R8-3**  
12"x18" †



**R8-3a**  
12"x12"  
18"x18"  
24"x24"



**Sign 'A'**  
12"x18"  
18"x24"



**Sign 'B'**  
12"x18"  
18"x24"  
Optional Fine/Ord. #



**Sign 'C'**  
12"x18"  
18"x24"



**Sign 'D'**  
18"x12"



**Sign 'E'**  
12"x18"  
18"x24"



**Sign 'F'**  
18"x18"  
24"x24"



**GS-DANGER**  
18"x12"  
24"x18"  
Optional Wording



**GS-CAUTION**  
18"x12"  
24"x18"  
Optional Wording



**GS-NOTICE**  
18"x12"  
24"x18"  
Optional Wording



**GS-WARNING**  
18"x12"  
24"x18"  
Optional Wording



**OSHA**  
12"x12"  
18"x18"  
24"x24"  
Optional Numbers



**SMV**  
16"x14"



# OFF STREET/HANDICAPPED SIGNS



**D4-1(AR)**  
30"x24" \*  
18"x15"



**D4-1(AL)**



**D4-1(ASTR)**



**D4-1(ADR)**



**D4-1(ADL)**



**D4-2L**  
36"x48" \*  
30"x36" \*  
24"x30" \*  
**D4-2R Available**



**R7-57**  
18"x12"



**R7-67**  
18"x18"  
**R7-68 Available**



**R7-69R**  
18"x18"  
**R7-69L Available**



**R7-70R**  
12"x12"  
18"x18"  
**R7-70L Available**



**R7-71L**  
12"x12"  
18"x18"  
**R7-71R Available**



**R7-75**  
12"x18"



**R7-90**  
12"x18"  
18"x24"



**R7-91**  
18"x12"



**R7-92**  
18"x12"



**R7-94**  
18"x24"



**R7-8(NY)**  
**NY Spec. Handicap**  
12"x18"



**R7-8**  
12"x18" †



**R7-8P**  
10"x12"



**R7-8Va**  
12"x6"



**R7-8A**  
12"x6"



**R7-8B**  
**PA Spec. Penalty**  
12"x18"



**R7-126**  
12"x18"



**R7-128**  
12"x18"



**R7-129**  
12"x18"  
**R7-129(mod) Available**



**R7-131**  
12"x18"



**R7-132**  
12"x18"



**R7-133**  
12"x12"  
18"x18"  
24"x24"

\* Size indicated is the standard size recommended in the MUTCD.

† Available with left, right, or double arrows.



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# CONSTRUCTION SIGNS

**ROAD  
CLOSED**

**R11-2**

48"x30" \*

BRIDGE may be substituted for ROAD

**ROAD CLOSED  
10 MILES AHEAD  
LOCAL TRAFFIC ONLY**

**R11-3a**

60"x30" \*

BRIDGE may be substituted for ROAD  
Optional Distances Available

**ROAD CLOSED  
TO  
THRU TRAFFIC**

**R11-4**

60"x30" \*

**TRAFFIC FINES  
DOUBLED  
IN WORK AREA**

**R(NJ)5-17**

60"x36" \*  
48"x30" \*



**W20-1a**

48"x48"

36"x36" \*

W20-1b 1000 FT

W20-1c 500 FT

W20-1d AHEAD

W20-1e 1/2 MILE

W20-1f 3/4 MILE

W20-1g 1 MILE



**W20-2b**

48"x48"

36"x36" \*

W20-2a 1500 FT

W20-2c 500 FT

W20-2d AHEAD

W20-2e 1/2 MILE

W20-2f 3/4 MILE

W20-2g 1 MILE



**W20-3c**

48"x48"

36"x36" \*

W20-3a 1500 FT

W20-3b 1000 FT

W20-3d AHEAD

W20-3e 1/2 MILE

W20-3f 3/4 MILE

W20-3g 1 MILE



**W20-4d**

48"x48"

36"x36" \*

W20-4a 1500 FT

W20-4b 1000 FT

W20-4c 500 FT

W20-4e 1/2 MILE

W20-4f 3/4 MILE

W20-4g 1 MILE



**W20-5e(R)**

48"x48"

36"x36" \*

W20-5a(R) 1500 FT

W20-5b(R) 1000 FT

W20-5c(R) 500 FT

W20-5d(R) AHEAD

W20-5f(R) 3/4 MILE

W20-5g(R) 1 MILE

Optional "Left Lane" Available



**W20-5ad(R)**

48"x48"

36"x36" \*

W20-5aa(R) 1500 FT

W20-5ab(R) 1000 FT

W20-5ac(R) 500 FT

W20-5ae(R) 1/2 MILE

W20-5af(R) 3/4 MILE

W20-5ag(R) 1 MILE

Optional "Left Two Lanes" Available



**W20-7**

48"x48"

36"x36" \*



**W20-7a**

Flagger Symbol

48"x48"

36"x36" \*

30"x30"

W20-7aP Plaque

24"x18" \*



**W21-1a**

Worker Symbol

48"x48"

36"x36" \*

30"x30"

W21-1aP Plaque

24"x18" \*



**W21-1(mod)**

'Give Us A Brake' Symbol

48"x48"

36"x36" \*



**W21-5**

36"x36"

30"x30" \*



**W21-5aR**

48"x48"

36"x36" \*

30"x30"

W21-5aL Available



**W21-Sp**

48"x48"

36"x36" \*

30"x30"



**W24-1(mod)**

Lane Shift Symbol

48"x48"

36"x36" \*

Multiple Arrow  
Configurations Available



**W41-2**

Border Only

48"x48"

36"x36"

30"x30"

24"x24"



**M4-8**

30"x15"

24"x12" \*



**M4-9L**

30"x24" \*

M4-9R Available



**M4-9RX**

30"x24" \*

M4-9LX Available



**M4-10R**

48"x18" \*



**M4-8a**

24"x18" \*



**M4-9X**

30"x24" \*



**M4-9XL**

30"x24" \*

M4-9XR Available



**M4-10L**

48"x18" \*



**G20-1**

60"x36"

36"x18" \*

Distance Optional



**G20-2**

60"x24"

48"x24"

36"x18" \*

MILE

1  
2

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# ROUTE MARKER SIGNS



## M1-1

### Interstate Route

48"x48" \* (2 digit)  
36"x36" \* (2 digit)  
24"x24" \* (2 digit)  
60"x48" \* (3 digit)  
45"x36" \* (3 digit)  
30"x24" \* (3 digit)



## M1-4

### U.S. Route

48"x48" \* (2 digit)  
36"x36" \* (2 digit)  
24"x24" \* (2 digit)  
60"x48" \* (3 digit)  
45"x36" \* (3 digit)  
30"x24" \* (3 digit)



## M1-5

### NJ State Route

48"x48" \* (2 digit)  
36"x36" \* (2 digit)  
24"x24" \* (2 digit)  
60"x48" \* (3 digit)  
45"x36" \* (3 digit)  
30"x24" \* (3 digit)



## M1-6

### County Route

36"x36"  
30"x30"  
24"x24"  
18"x18"



M2-1  
State Route



M2-1 Int.  
Interstate



M2-1CR  
County Route



M2-1GSP  
Garden State  
Parkway

**NOTE:** All black & white signs listed below are available in the 4 color combinations pictured here.

*Please specify by using appropriate extension.*



M2-1  
21"x15"



M3-1  
24"x12"



M3-2  
24"x12"



M3-3  
24"x12"



M3-4  
24"x12"



M4-1a  
24"x12"



M4-11  
24"x6"  
12"x4"



M4-12  
24"x6"  
12"x4"



M4-2  
24"x12"



M4-3  
24"x12"



M4-4  
24"x12"



M4-5  
24"x12"



M4-6  
24"x12"



M4-13  
24"x12"  
12"x4"



M5-1  
21"x15"



M5-2  
21"x15"



M6-1  
21"x15"



M6-2  
21"x15"



M6-3  
21"x15"



M6-4  
21"x15"



M6-5  
21"x15"



M6-6  
21"x15"



M6-7  
21"x15"

## TRAILBLAZERS



Garden State  
Parkway



New Jersey  
Turnpike



Atlantic City  
Expressway



Pennsylvania  
Route Marker



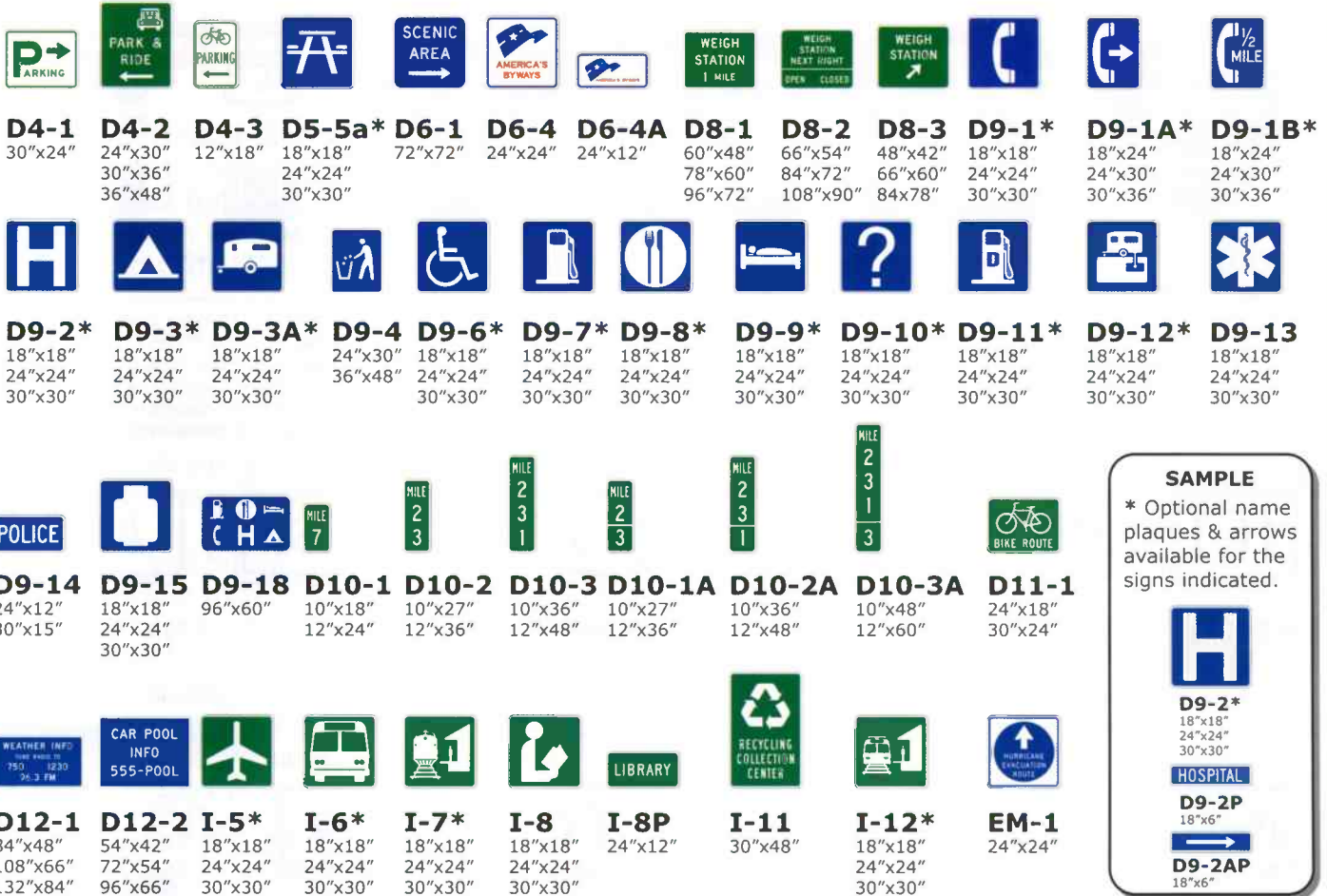
New York  
Thruway

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## RECREATION SIGNS



Recreation signs come in the following sizes: 24"x24", 18"x18", & 12"x12"



# SCHOOL/PLAYGROUND SIGNS



**S1-1**  
*School Advance Crossing*  
48"x48"  
36"x36" \*  
30"x30"



**W16-7pL**  
30"x18"  
24"x12" \*  
**W16-7pR Available**



**W16-9P**  
30"x18"  
24"x12" \*



**S3-1(mod)**  
*School Bus Stop Ahead*  
36"x36"  
30"x30" \*



**S3-4**  
30"x30" \*  
24"x24"



**S3-5**  
30"x30" \*  
24"x24"



**S4-1**  
36"x18"  
24"x10" \*  
*Optional Time Limits*



**S4-2**  
36"x18"  
24"x10" \*



**S4-3**  
36"x12"  
24"x8" \*



**S4-4**  
36"x18"  
24"x10" \*



**S4-5**  
*School Speed Reduction Symbol*  
48"x48"  
36"x36"  
*Optional Speed Limit*  
**S4-5(20) Pictured**



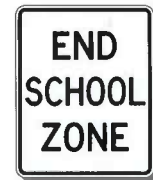
**S4-5a**  
48"x48"  
36"x36"  
30"x30"  
*Optional Speed Limit*  
**S4-5a(20) Pictured**



**S5-1**  
36"x72"  
24"x48" \*  
**S5-1(35) Pictured**



**S5-1(mod)**  
36"x72"  
24"x48" \*  
**S5-1(mod35) Pictured**



**S5-2**  
36"x48"  
24"x30" \*



**W9-11**  
18"x24" \*



**W9-12**  
18"x24" \*



**W9-13**  
18"x24" \*



**W9-14**  
18"x24" \*  
**W9-14(20) Pictured**



**W9-15**  
24"x30"  
18"x24" \*

W9-11 thru W9-14 - Optional "WATCH", "SLOW", or "CAUTION" Header, please specify.

\* Size indicated is the standard size recommended in the MUTCD. The MUTCD specifies that all signs on this page shall be reflectorized to show the same color day or night.



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# STREET NAME SIGNS

## Made with State-of-the-Art Digital Printing Technology!

**Street name signs are an integral part of a community's identity. If you want to beautify your community and make it a safer and easier place in which to drive, your street sign program is a great place to begin!**

To be distinctive, street signs are made to order. These signs are double faced (double sided), with standard colors being white characters on a green background, white on blue or black on white. Other colors available.

*Name plates are available in several materials and finishes:*

**Extruded aluminum:** 6" or 9" x variable length.

**Flat aluminum:** 6", 8", or 9" x variable length.

**Flat aluminum (Metro Sizes):** 12", 18", or 24" x variable length.

**Extruded fiberglass:** 6" or 9" x variable length.

**Flat fiberglass:** 6" or 9" x variable length.

All of the above materials may be sheeted with Engineer Grade Prismatic (EGP), High Intensity Prismatic (HIP), or Diamond Grade Cubed (DG3) reflective sheeting.

Our company's computerized technology allows stylized customizations on fonts and graphics. Want to make your street sign really unique? Apply a custom decal representing your municipality, county, state, fraternal organization or chosen logo. A selection of some of our most popular street name signs is shown on this page. Please consult with a Garden State Highway Products, Inc. sales representative to help you with any specialized orders.



NOTE: One 4-way unit for two intersecting streets requires:

- Two double-faced street name signs
- One 2 $\frac{3}{8}$ " O.D. or 2 $\frac{7}{8}$ " O.D. round post or a 2" square or U-Channel post
- One cap to fit appropriate post
- One 90° cross to separate signs

SEE PAGE 24 FOR POST SPECIFICATIONS  
SEE PAGE 32 FOR STREET SIGN BRACKETS

### Tips on Constructing Street Name Signs

1. The brighter the reflective sheeting and the larger the sign panel, the better. Best contrast colors for both day and night are white characters on a green or blue background.
2. Common rule of thumb: one inch of letter height for each 40 to 50 feet of legibility distance. Optimal letter height: 6" or more.
3. Letter fonts vary by stroke width and letter width from Series B (thinnest) to Series E modified (thicker and wider). Standard specifications call for Series B name and Series C suffix.





# MAST ARM SIGNS

## The Better to Guide You

Guide motorists and keep traffic flowing through your community with street name signs mounted on traffic light mast arms. Whether on a foggy, rainy night, through a blinding snow storm or during a bright, beautiful day - larger, brighter overhead street name signs offer optimal visibility and enhanced safety.



Like other street name signs, mast arm signs are fabricated to order and to FHWA specifications. For maximum effectiveness, 18" height by variable length with High Intensity Prismatic (HIP) or Diamond Grade Cubed (DG3) reflective sheeting is recommended.



Mast arm signs need brackets to attach them to the mast arm. Featured on this page (*also shown on page 34*) are brackets that Garden State Highway Products recommends using. The GS-OH-AD adjustable length, GS-OH-FX fixed length and GS-OH-OFS offset safety swing arm brackets all have 6063-T6 oil impregnated bronze bearings, stainless steel springs and hardware. Detailed specifications on these brackets are available on request.



**GS-OH-OFS**  
offset safety swing arm



**GS-OH-FX**  
fixed length

**GS-OH-ADJ**  
adjustable length



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# INTERSTATE OVERHEAD SIGNS

**Our large, state-of-the-art facility is stocked with equipment, inventory and experienced personnel - all of the essential components needed to produce Interstate and Overhead Signs.**

## **How are Interstate Overhead Signs fabricated?**

Manufacturing Interstate Overhead Signs requires specialized knowledge. These signs must be and are produced in accordance with state and/or federal regulations.

Raw aluminum, in the form of flat panels or in the form of 12" x various lengths and 6" x various lengths extruded panels, arrives in the shop. This aluminum is thoroughly cleaned before it is run through a special laminator. The laminator applies the specified grade and color of reflective sheeting. The sheeted aluminum panels are then bolted together with special hardware to build the sign panels to the required size.



### **Hardware**



1. 3/8"x3/4" S.S. Hex Bolt
2. 3/8" S.S. Hex Nut
3. 3/8" S.S. Hex Nut w/ Nylon Insert
4. Aluminum Post Clip
5. S.S. Flat Washer
6. 1 3/4" S.S. Rectangular Head Bolt

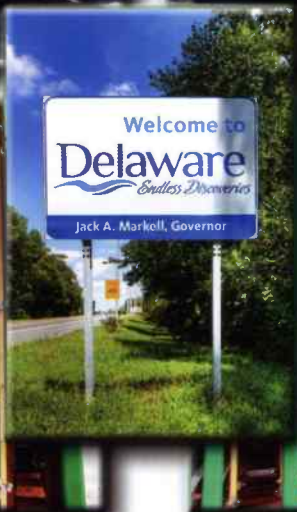
FHWA specified lettering sizes dictate the demountable or direct applied copy. The completed Interstate Overhead Sign is loaded on to a custom made trailer for delivery to the customer's site.

Garden State Highway Prooducts, Inc. can manufacture any Interstate Overhead Sign to order. Required certifications and material samples are available upon request. Blank aluminum panels, that have been chemically treated, are also available for purchase. We also stock the fasteners and hardware needed for sign attachment.

***Interstate Overhead Signs further enhance what Garden State Highway Products, Inc. is all about - "One Stop Shopping".***



# INTERSTATE OVERHEAD SIGNS

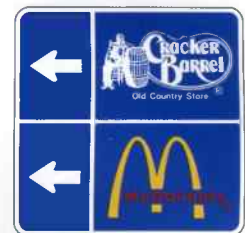


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## Let Garden State Highway Products work for you - we enjoy it!

....Especially when it comes to making custom signs, which gives us the opportunity to work closely with our customers. Signs can be created that exactly match colors, lettering styles, art elements, insignias and symbols. Supplying us with Vector Graphics in .ai or .pdf format, whenever possible, facilitates the process. We can also accept files generated using SignCad. We use PMS (Pantone Matching System) colors to ensure accurate color match.



We have grown through the years and we are proud of our talented art personnel. Shown above are some of the signs that we have tailor made.

....**Vehicle graphics** (permanent, pressure applied) and **magnetic decals** (removable) are a colorful and informative means of advertising. Vehicle graphics and magnetic decals allow you to utilize all of your assets for marketing and promotional means.



Shown above are some of the vehicles that we have custom designed and lettered.



# DIGITAL PRINTING

## Digital Printing ~ A Sign of the Times

To remain on the cutting edge of sign fabrication, a company must stay ahead of the latest technological advancements. Investment in state-of-the-art sign making equipment allows Garden State Highway Products, Inc. to provide its customers with photographic image quality signs. With the addition of two high-tech thermal digital printers to its art department fabrication apparatus, GSHP, Inc. continues to be a leader in the sign fabrication arena.



## What capabilities does digital printing allow?

Digital printers use thermal transfer technology to give signs a "photo quality" image. These printers provide endless versatility and artistic possibilities.

Digital printers allow the exact color replication of photographs, logos, insignias, images - any visual mark.

GSHP, Inc.'s digital printers are ideal for printing highway, street, custom, novelty and magnetic signs as well as for creating business logos, vinyl decals, showroom floor decals, imitation window edging and vehicle markings. Just look at what is pictured here!



***Your creative possibilities are endless.***



**Complement all of your signage with 3M 1160 premium protective overlay film, specially designed for areas of graffiti vandalism.**



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# SIGN MATERIALS

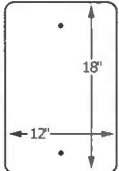



**There are three main components in assembling a rigid sign:**

- Blanks** - Aluminum, Plywood, Fiberglass, Plastic, Coroplast or Cardboard
- Roll Goods** - Reflective or Non-Reflective Sheeting (see page 23)
- Die-Cut Letters and Numbers** (see page 23)

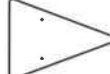
## Aluminum Sign Blanks




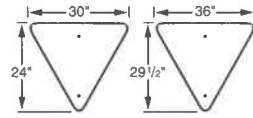
Aluminum sign blanks are manufactured per the current MUTCD's standards. Blanks are 5052-H38 alloy, punched with standard rounded corners and 3/8" holes for mounting, and gauges include .063", .080", .100" and .125". Mill finished blanks are shipped ready to be sheeted or faced. Specify on order if you do not require radius corners or holes. Garden State Highway Products, Inc. is pleased to offer you the ability to refurbish and/or reface old aluminum blanks. Recycling aluminum blanks controls and reduces signage costs. Please contact a sales representative for further details.


### Stock Aluminum


Shape	Size	Shipping Weight .080 Gauge
	9"x12"	.85
	12"x6"	.56
	12"x24"	2.26
	12"x18"	1.69
	12"x18"(.063)	1.33
	18"x12"	1.69
	18"x24"	3.39
	21"x15"	2.47
	24"x8"	1.51
	24"x10"	1.88
	24"x12"	2.26
	24"x18"	3.39
	24"x30"	5.64
	24"x36"	6.77
	30"x18"	4.23
	30"x24"	5.64
	30"x36"	8.47
	36"x12"	3.39
	36"x18"	5.08
	36"x30"	8.47
	48"x18"	6.77
	48"x24"	9.03
	48"x30"	11.29
	48"x36"	13.55
	48"x96"	36.15
	60"x144"(.125)	104.76
	12"x12"	1.13
	18"x18"	2.54
	24"x24"	4.52
	30"x30"	7.06
	36"x36"	10.16
	48"x48"	18.06

#### No Passing Zone (Pennant)


	36"x48"x48"	6.35
---	-------------	------

Shape	Size	Shipping Weight .080 Gauge
	18"x18"	2.54
	24"x24"	4.52
	30"x30"	7.06
	36"x36"	10.16
	48"x48"	18.06 (2 post mount)
	24"x24"	3.35
	30"x30"	5.27
	36"x36"	7.50
	24"x24"	2.76
	30"x30"	5.59
	36"x36"	8.05
	48"x48"	13.39
	30"x30"x30"	3.08
	36"x36"x36"	4.44

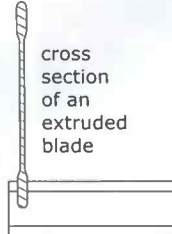
	18"x18"	2.23
	24"x24"	3.73
	30"x30"	5.85
	36"x36"	8.40
	48"x48"	14.82

Shape	Size	Shipping Weight .080 Gauge
	18"x18"	2.02
	24"x24"	3.25
	36"x36"	8.10

### Street Name Blanks\*

Type	Size	Shipping Weight .080 Gauge
	18"x6"	.85
	20"x6"	.94
	24"x6"	1.13
	30"x6"	1.41
	36"x6"	1.69
	42"x6"	1.98
	48"x6"	2.29

8" and 9" tall flat blanks also available

	<b>Extruded</b>	18"x6"	1.40
	.091 Gauge	20"x6"	1.55
		24"x6"	1.86
		30"x6"	2.33
		36"x6"	2.79
		42"x6"	3.26
		48"x6"	3.72
		24"x9"	2.52
		30"x9"	3.16
		36"x9"	3.79
		42"x9"	4.42
		48"x9"	5.05

\* Standard street name blanks have no punched holes. Specify punching with your order.



# SIGN MATERIALS

## Roll Goods

Standard size rolls for the following sheeting are:  
6", 8", 9", 12", 18", 24", 30", 36" and 48" widths by  
50 yd. lengths. Special cuts are available upon request.

### 3M™ Engineer Grade Prismatic (EGP) Type I

Expected performance life of 5-7 years



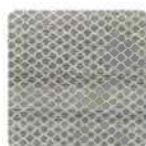
COLOR	PART #
White	3430
Yellow	3431
Red	3432
Blue	3435
Green	3437
Brown	3439



\* EG Beaded Material available upon request.

### 3M™ High Intensity Prismatic (HIP) Type III

Reflective candle power rated at 360  
Expected performance life of 10 years

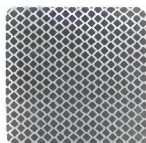


COLOR	PART #
White	3930
Yellow	3931
Red	3932
Orange	3934
Blue	3935
Green	3937
Brown	3939



### 3M™ Diamond Grade

Reflective candle power rated at 697  
Expected performance life of 12 years

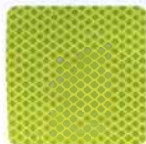


COLOR	PART #
White	3990 - 4090
Yellow	3991 - 4091
Red	3992 - 4092
Blue	3995 - 4095
Green	3997 - 4097



### 3M™ Fluorescent Diamond Grade

Reflective candle power rated at 597  
Expected performance life of 12 years



COLOR	PART #
Fl. Yellow	3981 - 4081
Fl. Yellow Green	3983 - 4083
Fl. Orange	3984 - 4084



### 3M™ ElectroCut™ Transparent Film (1170 Series)

Available in all sizes above except 6", 8" and 9"  
Available in 15" and 30" with slotted hole pattern for Gerber plotters



COLOR	PART #
Clear	1170
Yellow	1171
Red	1172
Orange	1174
Blue	1175
Green	1177
Opaque Black	1178
Brown	1179



### 3M™ Protective Overlay Films (1160 Series)

Available in all sizes above except 6", 8" and 9"  
Expected performance: same as sheeting to which it is applied



COLOR	PART #
Protective Clear	1150
Premium Clear	1160



## Die-Cut Letters & Numbers

Providing our customers with quality die-cut letters and numbers is of primary importance to Garden State Highway Products, Inc. The chart on this page illustrates the FHWA series' guidelines.

Characters may be die cut from Engineer Grade Prismatic (EGP), High Intensity Prismatic (HIP), or Diamond Grade Cubed (DG<sup>3</sup>) reflective sheeting or non-reflective vinyl with pressure sensitive (P/S) adhesive backing. Letters, numbers and single or double headed arrows are packaged 25 identical characters per pack. **Specify size, series, color and grade of sheeting when ordering.** Special sizes and colors are available upon request.

### FHWA Series

B	C	D	E
G	G	G	G

### An 84-package font includes:

6 packs each of A, E, I, O  
5 packs each of L, M, N, R, S, T  
3 packs each of B, C, D, F, G, H  
2 packs each of W, P  
1 pack each of J, K, Q, U, V, X, Y, Z

Please contact a Garden State Highway Products, Inc. salesperson or go to [www.gardenstatehwy.com](http://www.gardenstatehwy.com) and go to the "Sign Materials/Die-Cut Letters & Numbers" section for a full list of letter and number sizes as well as individual circles and trapezoid shapes, packs of arrows and radius corners, and rolls of reflective and non-reflective border tapes.

## Sign Faces

Pressure sensitive pre-printed sign faces are available for all standard signs listed on pages 2 through 17 in this catalog. Please specify grade of sheeting (see Roll Goods) when ordering.



### HSRA-36

36" Hand Squeeze Roll Applicator  
(HSRA-12 & HSRA-48 also available)



Contact a Garden State Highway Sales Representative for information on the Hand Squeeze Roll Applicators

**Please note FHWA guidelines state that the minimum reflectivity for most signage be High Intensity Prismatic with the following exceptions:**

- Parking, Standing and Stopping signs (R7 and R8 Series)
- Walking/Hitchhiking/Crossing signs (R9 Series, R10-1 through R10-4b)
- Adopt-A-Highway signs
- Bikeway signs that are intended for exclusive use by bicyclists or pedestrians



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# POSTS

Posts are an **essential part of** all sign programs. U-channel posts, tubular posts (square and round) and breakaway post systems are featured on these pages. All of the posts and breakaway systems presented here are approved by the Federal Highway Administration (FHWA) and the American Association of State Highway and Transportation Officials (AASHTO).

## U-Channel Posts

RIB-BAK U-channel sign posts are manufactured from the finest high-carbon new billet steel (Grade SP-80). RIB-BAK's patented U-channel design features a ribbed back and flange which allow for greater strength at crucial load-bearing points. Additionally, RIB-BAK's back ribs (contact points) are flush surfaces, giving a solid, more permanent sign attachment as well as support for clip-type fasteners. RIB-BAK posts are punched with 3/8" holes on 1" centers the entire length of the post.

**Finish:** Two different finishes are available:

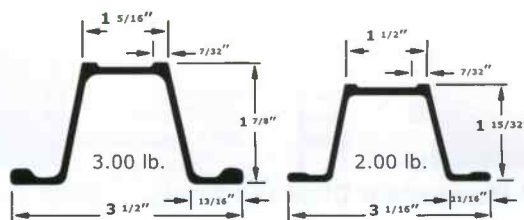
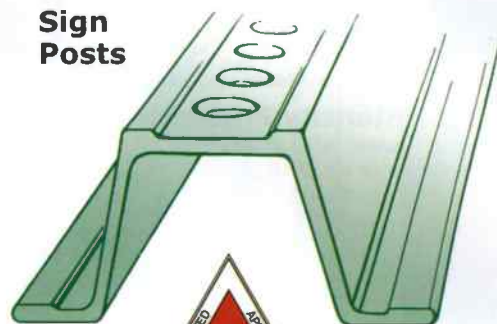
1. Green, orange, yellow, white, black or brown polyester powder coat; or,
2. Hot-dipped galvanized to ASTM A 123.

**Lbs. per foot:** 1.12, 1.33, 2, 2.5, 2.75, 3 and 4.

**Lengths:** Powder coat and galvanized posts 3' 6" to 16'.

### RIB-BAK®

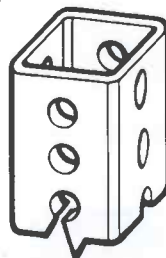
Sign Posts



## Tubular Posts

### SQUARE POSTS

The ULTI-MATE® traffic signing support system consists of square, perforated, welded steel tubing, available in two sizes - 1 3/4" and 2" square - in 14 gauge material. There are also three sizes - 2", 2 1/4" and 2 1/2" square - available in 12 gauge material. Both gauges comply with ASTM specification A653. Perforations of 7/16" diameter are 1" on center on all four sides. Square posts are hot dipped galvanized conforming to coating designation G-90 for excellent corrosion prevention.

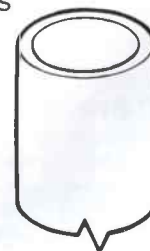


Special sizes and lengths available subject to mill minimum.

### ROUND POSTS

Hot-dipped galvanized steel posts, 2 3/8" O.D. & 2 7/8" O.D., are available in 10' and 12' lengths.

Aluminum posts with 2 3/8" O.D. or 2 7/8" O.D. are available in 10' and 12' lengths.





# POSTS

## Breakaway Post Systems

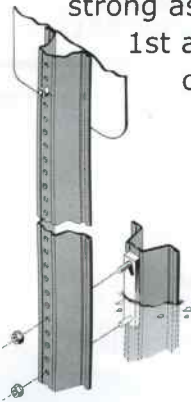
Breakaway Systems are designed to be used for rapid replaceability of damaged signs in all areas but are especially beneficial in high-impact areas, like center medians, islands, large rights-of-way, bull noses, turning radii, bridge abutments and sharp curves.

### Lap Splice™ U-Channel Breakaway Systems

**The Lap Splice U-Channel Breakaway System made easy.**

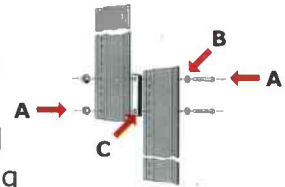
The Lap Splice Breakaway System is designed to give the user an easy-to-install, ground mounted, bolted-base breakaway system for any size U-channel, **up to 4 lb. posts**, at a cost that is remarkably less than competitive U-channel breakaway systems.

The Lap Splice Breakaway System securely nests U-channel ground posts (standard 3' 6") with top posts (of various lengths) and forms a union which is as strong as the posts themselves. The Lap Splice spacer bars have holes drilled for 1st and 5th hole placement, thereby eliminating any possible user assembly confusion.



#### Lap Splice Spacer Bar hardware consists of:

- A: two 1 1/2" high-performance grade 9 bolts and self-locking flange nuts,
- B: two grade 9 cut washers, and
- C: a 1/2" wide x 3/4" thick x 5" long Spacer Bar



*Safety is the key factor in the Breakaway System. In just minutes, using either manual or power tools, the post system can easily be driven, from ground level, into even the hardest clay. Nesting and bolting the Breakaway System takes just minutes, too - so altogether your installation crew spends less time by the side of the road, reducing their exposure to traffic-related injury.*

### Slip Safe™ U-Channel Breakaway System

The Slip-Safe™ U-Channel Breakaway System is an ideal breakaway system for high-impact areas. It installs very quickly and is a durable, safe and reusable system.



**SLIP-SAFE™**



The Slip-Safe Supreme™ Breakaway System is an ideal alternative for mid-size sign supports. Its base post is a direct-drive unit composed of two RIB-BAKs bolted together, requiring only conventional power tools for installation.



**SLIP-SAFE  
SUPREME™**



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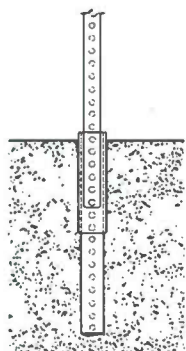
## Breakaway Post Systems *Continued*

### Ulti-Mate® Square Post Sign Support System

Traffic Signs are the primary source of information for motorists. The biggest and brightest sign is only effective if the support it is mounted on keeps the sign in its intended position. Sign supports need to be strong, versatile and cost effective. The Ulti-Mate® sign support system, approved by the FHWA, is reliable, economical and easy to install. The unique manufacturing method used to produce the Ulti-Mate® tubing permits tubular sections of different sizes to telescope into the next larger size for convenient installations, maintenance and reuse. The square shape also provides torsional stability. See page 24 for available sizes and lengths.

#### How the Ulti-Mate® Breakaway System Works

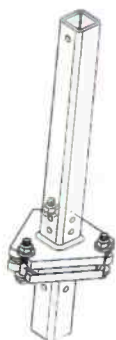
Using power equipment or a sledgehammer with a driving cap, a 36" or 30" length of square post tubing is driven into the ground, leaving one or two holes above grade level, to serve as an anchor base. The top sign post - 1/4" smaller in diameter - is then inserted and bolted into the anchor assembly. Upon impact, the post yields at the top of the anchor assembly, normally leaving it undamaged. An optional 18" long sleeve - 1/2" larger in diameter than the top post - is available to slide over the top post/anchor sleeve assembly. This sleeve is recommended for hi-impact areas. A typical Ulti-Mate® Sign Support Breakaway System might be composed of a 2"x2"x10'/12' top post, a 2 1/4"x2 1/4"x30"/36" base post, a 2 1/2"x2 1/2"x18" sleeve and a corner bolt & nut.



Corner Bolt & Nut

### The Slip-Mate by Ulti-Mate®

The Slip-Mate® is a new lateral release system that is designed to work with the Ulti-Mate® Square Tube Sign Support System. Its patent pending design minimizes the deceleration of a vehicle by utilizing an innovative ball-bearing system.



- Meets FHWA Change of Momentum Criteria
- Eliminates need to auger hole in ground and concrete
- No need for annual torquing of bolts
- Utilizes standard driveable anchor
- NCHRP 350 Compliant
- Pre-Assembled

### The Penetrator by Ulti-Mate®

The Penetrator is a 2 1/4"x2 1/4" x 30" or 36" base post with a patented design that creates an easy-to-drive anchor which reduces installation time. The diamond-shaped point reduces those difficult soil conditions and tough jobs to a smooth, quick and accurate installation.



### V-Loc® Socket System

V-Loc socket is a permanent post hole which accepts round, square or U-channel posts. A 360° flush-to-ground impact zone, the socket is reusable and easy to install. Concrete mount available. (Asphalt mount pictured)

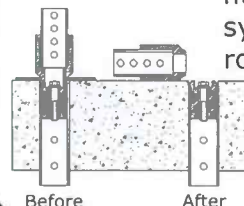


Round Square U-Channel  
(Asphalt mount pictured)



### Break-Out™ Couplers

With only 3 main parts, break-out couplers hardware is a full 360° flush-to-ground sign support system which accommodates round, square & U-channel posts. The top post breaks flush with grade which allows for easy post reuse/replacement.



Before

After

# POST ACCESSORIES

## BriteSide®

U.S. Patent No. 6,158,379

**Reflective Panels, Strips & Message Centers**

*The Difference Is Easy To See™*

This innovative post product is a natural complement to reflective traffic signs. A reflectorized panel, available in various widths, lengths and High Intensity Prismatic, Diamond Grade Cubed or Fluorescent Diamond Grade Cubed reflective colors, is riveted into a U-channel, square or round post. As you can see by the pictures shown, the entire ensemble of sign and post then becomes reflectorized. Note how sign visibility is enhanced via post visibility - the total unit stands out, sending its message loud and clear.



BriteSide® panels add special attention to signs. Some applications include helping motorists identify rail, school, pedestrian and bicycle crossings sooner, and alerting people to hidden dangers, to dangerous construction zones and ramps, to handicapped resident areas and to the presence of children. The beauty of this



system is that it promotes safety with its endless applications because you can let your imagination make the product work for you. *Panels can also serve as mini message centers by adding whatever message you desire.*



BriteSide® panels assist in alerting drivers to visually obscured signs.

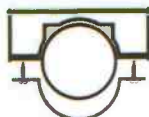
BriteSide® also offers reflective stainless steel fire hydrant collars which mount under the domed cap for weather protection. By helping fire fighters quickly and easily identify the nearest fire hydrant, these collars can either eliminate or supplement pavement markers. Being highly visible, they can save time and lives. Collars mount in seconds and need no special tools for installation. They fit any diameter hydrant and have 360° visibility, theft-resistant push fasteners, and a stainless steel substrate for strength and non-corrosiveness. Collars are shipped complete including all fasteners.



### Installation diagrams



BSX



BSD - Round



BSD - Square



BSF



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# POST ACCESSORIES / DRIVERS & PULLERS

## Protective Drive Caps

### DCH10 Junior Drive Cap

Weight 4 lbs., 3 3/4" high, 2 1/2" square. High-strength alloy steel casting. For use with most 2-lb. & 2.5-lb. per foot U-channel sign posts & when only a limited number of posts are to be driven.

### DC17 Big Boy Drive Cap

Weight 17.3 lbs., 4 3/4" high, 5 3/4" wide, 3 1/2" thick. AISI-4140 alloy steel casting. For use with 3-lb. & 4-lb. per foot U-channel sign posts. Heavy duty, long lasting.

### DCDR68 Round Post Drive Cap

Weight 3 lbs. Welded, solid steel top, thick wall. For use with 2 3/8" O.D. round tubular sign posts.

### TL-(?) Square Post Drive Cap

For use with square tubular sign posts.

TL-214 - 1 1/2" x 1 1/2", 3.7 lbs.

TL-216 - 1 3/4" x 1 3/4", 5.2 lbs.

TL-220 - 2" x 2", 6.9 lbs.

TL-222 - 2 1/4" x 2 1/4", 9.0 lbs.

TL-224 - 2 1/2" x 2 1/2", 11.0 lbs.



## Manual Post Drivers

### DH4 Post Driver

Weight 21 lbs., barrel I.D. 2 1/2", length 24", overall length is 30". Lightweight driver for use with delineator posts and snow fence posts. The steel driving weight is pinned and welded, guaranteed not to drive out.

### DH8 Post Driver

Weight 38 lbs., barrel I.D. 3 3/4", overall length is 65". This one-man driver is designed to drive 2-lb. per foot U-channel posts, and square and round tubular posts, up to 12'-0" from ground level. Weighted with hardened steel insert, swedged, pinned, welded.

### DHD87 Post Driver

Weight 45 lbs., barrel I.D. 4", overall length is 65". This one-man post driver is almost the same as the #DH8 post driver except that it is a heavy-duty design to accommodate 3-lb. and 4-lb. per foot U-channel sign posts.



## Self-Locking Post Steps

Designed to help workers hang signs, these post steps can also be used as a tool for straightening posts.



### H6U Step

Weight 7 lbs. For use on 2-lb. or 3-lb. U-channel sign posts.



### H6A2 Step

Weight 8 lbs. For use on standard 2 3/8" round tubular sign posts.



## Hand-Operated Jack and Handle

Use with detachable pullers PH4A, PHD4AA, or PHD4AAA to pull most types of posts. Handle is separate from base, and has two different leverage positions. The handle can also be used for straightening twisted channel posts.

### H7 Jack Base and Handle/ JH7H Handle only

Weight 44 lbs., 19" tall. Standard Jack.

### HD7 Heavy-Duty Jack and Handle/ JHD7H Heavy-Duty Handle only

Weight 48 lbs., 25" tall. Husky, heavy-duty jack with trussed stronger handle.



## Detachable Pullers

Use with the standard or heavy-duty jack and handle. These pullers pull U-channel, square, round and wood posts and automatically adjust to any shape post. Shown in the pulling position, the welded, hardened-steel jaws prevent slipping.

### PH4A Detachable Puller

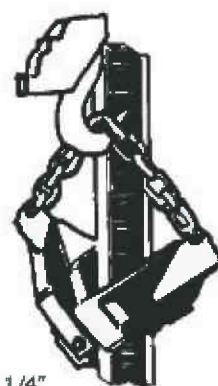
Weight 11 lbs., for pulling posts 3 1/4" x 4" O.D. Use with H7 Jack and handle.

### PH4AA Detachable Puller

Weight 18 lbs., for pulling posts 4 1/4" x 4 1/4" O.D. Use with the standard H7 or heavy-duty HD7 Jack and Handle.

### PHD4AAA Detachable Puller

Weight 23 lbs., for pulling posts 6 1/4" x 6 1/4" O.D. Use with the heavy-duty HD7 Jack and Handle.



## U-Jack Post Puller



The U-Jack is the only tool in the industry designed to extract U-channel sign posts when necessity dictates hooking the tool close to the base of the post. More than two tons of upward force is created even when the U-Jack is within inches of the ground. The U-Jack is a hand

tool built of the highest quality steel to insure continuous service to the user. The U-Jack carries a LIFETIME WARRANTY against defect in materials and workmanship. This tool is a must for all municipalities and road contractors engaged in the sign post business. Within minutes, the post will pull from soil, asphalt or loosened concrete.





# POST ACCESSORIES / DRIVERS & PULLERS

## Post Drivers

### Air Operated Post Driver Model PD-55

Lightweight and portable, ideal for use anywhere, this driver has a low air consumption rate. Designed to be used by one person, the Model PD-55 Pneumatic Post Driver delivers up to 1700 blows per minute. A reciprocating piston, the only moving part, strikes directly on the post or the driving adapter. The user needs 42 cfm, a filter-regulator-lubricator to assure clean air, 90 psi and ten drops of oil per minute. The PD-55 is capable of driving channel posts, round and square posts, stakes, or any shape post up to 3 7/8" diameter. Special adapters are available for guard rail posts.



**NOTE** - A complete unit consists of the following:

- PD-55 Driver (66 lbs.)
- Throttle Valve Kit (6 lbs.)
- Filter-Regulator-Lubricator (6 lbs.)
- Carrier for Filter-Regulator-Lubricator (12 lbs.)
- 16-Foot Air Hose (7 lbs.)
- PD-55 Channel Post Adapter (9 lbs.)
  - Choice of U-Channel, Square or Round.

**Other Options:** The proper air operated post driver can greatly increase your productivity. Here is a list of available post drivers.

- PD-39 Post Driver  
Light Weight Medium Duty (40 lbs.)
- PD-39P Panel Post Driver  
Light Weight Medium Duty (41 lbs.)
- PD-45 Post Driver  
Light Duty (46 lbs.)
- PD-55 Post Driver  
Medium Duty (66 lbs.)
- PD-110 Post Driver  
Medium/Heavy Duty (107 lbs.)
- PD-140 Post Driver  
Heavy Duty (140 lbs.)



Pictured: PD-39

### Engine Driven Post Driver Model G23

This ultra heavy duty, 48 lb. driver has the following features: simple starting two-cycle engine, idle feature with clutch (means easy leveling without stopping engine), choice of engine manufacturer, highest hitting force available, few moving parts, anti-vibration handles, air cushion dampening, uses regular two-cycle oil for lubrication, fuel efficiency (0.25 U.S. G.P.H.), lean oil mix, 25:1-2 cycle fuel mixture, 40.2 cc engine displacement, centrifugal clutch, 1200 B.P.M. impact rate, and it can be used with or without adapters, to fit any post. The G23 is guaranteed for two years, and for life on key parts.



**NOTE:** We also have the G30 4 cycle OHV engine post driver. See our website for more info.

## Post Drivers (continued)

### Tippmann Propane Powered Hammer

Weighing only 43lbs. and powered by a standard 14.9oz. propane tank, this sign post driver is the most convenient, user friendly way to drive posts that you could ever imagine. The Tippmann Propane Hammer will drive posts into hard, dry, frozen, or even rocky soil. Requiring only one person to operate, you can deliver up to 150 blows per min. at approximately 65ft. lbs. of driving force per blow.



#### Features:

- Full line of Adapters
- Approx. 10,000 Cycles per Tank
- 100% self contained

## Post Pullers

### Hydraulic Post Puller PL-3 w/ Grabber

This 53 lb., 36 3/4" high, hand-held portable Model PL-3 Post Puller is completely self-contained and is easily manageable by one person.

Its hydraulic pump produces over three tons of pressure to easily pull up posts up to 4" x 6". It takes only two minutes to pull a post three feet deep.



**How does it work?** A chain or pulling device is placed around the post and the puller is positioned with the post between its feet. The hydraulic cylinder is collapsed, the hook removed from its carrying position and attached to the chain around the post and the safety restraint. The hydraulic valve is closed and the post is pulled. The safety restraint is removed after the post starts moving. After pulling the post, the PL-3 is returned to its carrying configuration.

### Hydraulic Post Puller Model P600

This 51 lb., 18" x 18" x 20" heavy-duty post puller has two high travel cylinders which provide 19" of stroke and has 6 tons of pulling power.

#### Features:

- Patented design applies force in line with post.
- Adjusts for uneven ground.
- Wide stance prevents sinking.
- 1 1/2" to 2" of travel per pump.
- 2 qty. - 8" air filled tires.
- Comes complete with 8 ton proof rated chain.

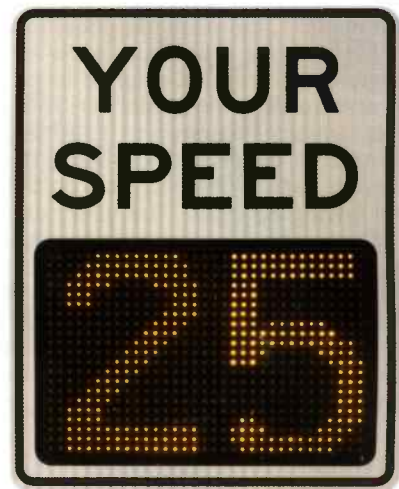


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# DRIVER FEEDBACK SIGNS

Speeding motorists are a perennial problem in every community. The greater the driver speed, the greater the potential danger. It is a given that higher vehicle speeds increase the number of accidents that occur, the seriousness of the injuries incurred, and the number of vehicle occupant and pedestrian deaths. Statistics reveal that every one mile per hour reduction in speed may reduce the annual number of accidents by as much as five percent. **Driver Feedback Signs** display instant speed feedback to drivers and are an effective way to slow motorists down.

Driver Feedback Sign models offer solutions that alert drivers of their speed to promote road safety via reduced speeds. A range of character display height models and other options provide for temporary and permanent traffic scenarios, including residential, city, rural streets and highways, school and pedestrian zones, construction sites and speed enforcement zones.



## Driver Feedback Sign Advantages

- Available in 9", 12", 14", 15" and 18" character display heights
- Radar and Data Collection Software available.
- Bluetooth remote programming & communication
- K-Band Radar Range 750+ feet (24.15GHz)
- Solar or 110V AC
- Can be integrated into an ITS (Intelligent Transportation System)

### Seven Segment Display



### Full Matrix Display



For specifications and fabrication information concerning these products, contact a member of our knowledgeable sales staff!



1-800-338-5685

[www.gardenstatehwy.com](http://www.gardenstatehwy.com)

Supplier of Quality **3M** Products





# SOLAR POWERED BLINKER SIGNS

## Partnering with TAPCO® to Illuminate Your Signs

### Solar Powered Blinker Signs

A BlinkerSign® is a standard MUTCD sign, e.g., a STOP sign, or a Custom sign that is fabricated to federally approved specifications concerning reflective sheeting and aluminum gauge. The sign is then fitted with Light Emitting Diodes (LEDs) that match the sign in color and in shape (as per Section 2A.08 of the MUTCD). This match complements the sign and assists the driver in recognizing the shape and thus the message of the sign.



### Pedestrian Crosswalk Warning Solutions

In some scenarios, mid-block crossings have shown to be very dangerous when not properly drawn out and made visible to drivers. Standard signage might not be entirely effective in new and high-use crossings, cluttered or visually challenging crossings, or crossings within higher speed higher traffic volume.

In the past there have been few options, and enhancing the area with a signalized intersection is not an option. Pedestrian BlinkerSign® Systems can be activated by unlimited options using solar power and wireless technology offering a low cost, low labor option for customers.

#### Optional BlinkerBeam® Wireless Communication

Push buttons can activate BlinkerBeam® solar/battery-powered transceiver radios. These compact controllers activate one or more BlinkerSign® LED Signs, BlinkerBeacon® LED Beacons, RRFB and other ITS devices wirelessly within a 1000 ft. range, up to one mile with an external antenna.



#### Optional Push Button Activation

Activated with less than 2 lbs. of force. Provides two-tone audible confirmation. Meets ADA, MUTCD and TAC requirements, and housing meets NEMA specifications. Remote mounting available. Audible navigation units are available.



#### Optional Wireless Bollard Activation

Pedestrians and bicyclists can passively trigger flashing BlinkerSign® LED signs, RRFB, BlinkerBeacon® LED Beacons, in-pavement LEDs and other ITS devices. Actuators are housed in anodized aluminum cabinets that can be secured to concrete or asphalt. Battery operated; no grid wiring required.



#### Optional Pedestrian Motion Detector

Active infrared and microwave technologies work together to provide precise presence and accurate motion detection. Mountable between 8' and 16'. Impervious to light, sun rain and snow. Housing is rated NEMA-4.



### Intelligent Warning Systems

- \* Wrong Way Driver Detection
- \* Sharp Curve Guidance
- \* Flooded Road Detection
- \* Emergency Vehicle Warning
- \* Bridge Clearance Detection
- \* BlinkLink Web Based Traffic Device Monitor and Control

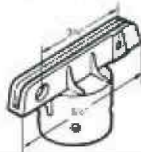


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# BRACKETS

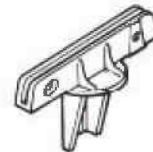
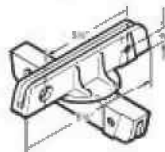
## Supr-Lok 5 1/2" Brackets

**922F** - Flat Cap  
**922X** - Extruded Cap  
For 2 3/8" Round Posts

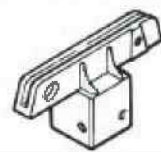


Also Available:  
**993F** or **993X**  
For 3" Round Posts

**990F** Cross - Flat Cross  
**990X** Cross - Extruded Cross  
90° Cross Separator



**97SQF** - Flat Cap  
**97SQX** - Extruded Cap  
For 2" Square Posts

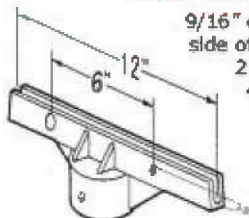


Also Available:  
**134SQF** or **134SQX**  
For 1 3/4" Square Posts

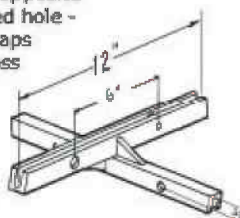
**91UF-OL90** - Flat Cap  
**91UX-OL90** - Extruded Cap  
For U-Channel / 90°

**91UF-NU180** - Flat Cap  
**91UX-NU180** - Extruded Cap  
For U-Channel / 180°

## GS-12 12", 18", and 24" Bolt Thru Brackets



9/16" clearance hole opposite  
side of 5/16" threaded hole -  
2 places on all caps  
4 places on cross



**GS-12F** - Flat Cap  
**GS-12X** - Extruded Cap  
(For 2 3/8" Rd. & 2" Sq. Posts)

**GS-12F CR** - Flat Cross  
**GS-12X CR** - Extruded Cross

These larger 12", 18" or 24" brackets are used  
in areas where stronger support is needed.

Other 12" brackets (not pictured):

**GS-12F 180** - Flat Cap (180° U-Channel)  
**GS-12X 180** - Extruded Cap (180° U-Channel)  
**GS-12F 90** - Flat Cap (90° U-Channel)  
**GS-12X 90** - Extruded Cap (90° U-Channel)  
**GS-12F UCR** - Flat Universal Cross  
**GS-12X UCR** - Extruded Universal Cross  
(2 Piece bracket for any angle Intersection)

## Rok-Pruf Brackets

For Flat Aluminum



**#1 Cap**  
U-Channels  
**#2 Cap**  
2 3/8" Round  
**#3-90 Cross**  
90° Cross  
(Available in Full Box Quantity Only)

## Universal Cross Brackets



**457F** Flat Cross  
**457X** Extruded Cross

May be set to 45° or 180°  
for oblique intersections.  
Two-piece cast aluminum.

## Econo Brackets

For Extruded Aluminum

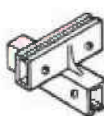


**#17U Cap**  
U-Channels  
**#17 Cap**  
2 3/8" Round  
**#17-90 Cross**  
90° Cross  
(Available in Full Box Quantity Only)

## Locke Brackets



**#808**  
Extruded Locke Cap  
For 2 3/8" round post



**#808-90°**  
Extruded Locke Cross  
For Extruded Signs

(Available in Full Box Quantity Only)

## Post Adapters

**PAUC**  
U-Channel  
Post Adapter



Connect U-Channel post  
to your 2 3/8" round post  
caps.



**PAOD**  
Round  
Post Adapter

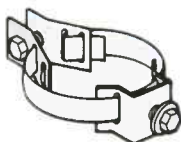
Connect 3" round post  
to your 2 3/8" round post  
caps.

• All brackets pictured include standard hardware

• Brackets also accept vandal pruf hardware



# BRACKETS



## BB7

### Buckle Bracket Assembly

Adjustable to fit large posts 4" up to 12" in diameter. Stainless steel banding, with a P4SS bracket and a modified cantilever bracket. Hang 2 signs back-to-back by using 2 P4SS brackets. Two BB7s required per sign.



## SNAP

### Snap-Lock Assembly (40" Long)

Radiator-like clamp for quick mounting of signs. Needs only a screwdriver to tighten. Add a P4SS bracket to hang sign or add 2 P4SS brackets to hang 2 signs back to back. P4SS brackets sold separately. Two SNAPS required per sign.



## CSS

### Cantilever Bracket

Used for mounting two-sided and cantilever-type signs on poles 2" or more in diameter. Use with nut & bolt. Secure to pole with stainless steel banding. Two required per sign.



#4 Wing Bracket



#8 Wing Bracket



#800 Wing Bracket



WB12 12" Wing Bracket

WB18 18" Wing Bracket

WB24 24" Wing Bracket

All the above Wing Brackets may be bolted or strapped to posts to secure flat or extruded aluminum street name, or traffic control signs. Standard hardware included.



## L-9 Aluminum Bracket

For mounting signs on a 90° angle to u-channel posts. 2 required per sign. (L-45 - 45° bracket available)



## T-18 Twist Bracket

Galvanized steel twist bracket for installing a "one-way" sign at a right angle atop an existing sign on a u-channel post.

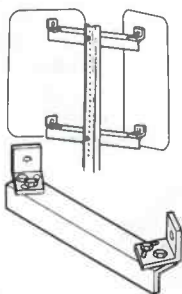


K-6 6" Tall

K-634 6 3/4" Tall

K-9 9" Tall

K-Series brackets strap to any size post and secure flat aluminum street name or traffic control signs.



## Chevron Bracket

Aluminum bracket secures two chevron signs to a single post. The angle of the chevron signs may be adjusted after installation of the bracket, so the position of the post is no longer critical.

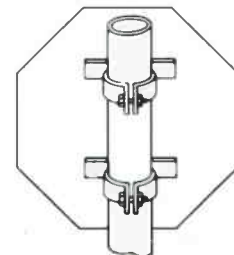
CAB1 (18 1/2" Long) for 12"x18" and 18"x24" signs

CAB2 (24 1/2" Long) for 18"x24" and 24"x30" signs

CAB3 (30 1/2" Long) for 24"x30" and 30"x36" signs

## Z-238

Aluminum interlocking bracket sets. Secures one traffic control sign to 2 3/8" round posts.



## BB-832

Secures two traffic control signs, facing opposite directions, to one 2 3/8" round post.

(Z-238 Shown)  
One set = 2 brackets  
All hardware included



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# BRACKETS / BANDING

## Overhead Sign Brackets



**GS-OH-ADJ**  
**Adjustable-Length**  
**Safety Swing Sign Bracket**  
16 3/4" fully closed  
20 1/2" fully extended  
  
\*\* 6", 12" and 18"  
extension bars  
available for  
GS-OH-ADJ  
bracket.



**GS-OH-FX**  
**Fixed-Length**  
**Safety Swing Sign Bracket**  
7 3/4" length

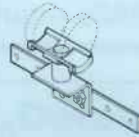
**Sold as a set or individually**  
**NOTE:** One GS-OH-ADJ and one  
GS-OH-FX is considered one set.

**GS-OH-OFS**  
**Offset Safety**  
**Swing Sign Bracket**  
Rotates to allow  
mounting of traffic  
and street signs on  
traffic pole mast  
arms which are not perpendicular to traffic.  
Length of bar to be 24" shorter than sign.

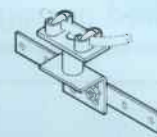


### COM-77 & COM-88

Heavy-duty steel plated and aluminum overhead  
sign mounting  
brackets.  
Swivel to any  
angle and can  
be used for any  
size sign.



**COM-77**  
for 1/4" - 3/8" overhead cables



**COM-88**  
for mast arms

The brackets in this section are designed to hang single- or double-sided signs from any diameter overhead support. All sign-mounting hardware included with these brackets.

## Stainless Steel Banding & Accessories



**Stainless Steel Banding**  
3/4"x.020x100' Roll (Stock)  
3/4"x.030x100' Roll (Stock)  
(Other sizes available.)



**P4SS - Flared Leg Bracket**  
Threaded Center Hole Bracket  
For use on poles more  
than 4" in diameter.



**M4SS - Straight Leg Bracket**  
Threaded Center Hole Bracket  
For use on poles  
4" in diameter or less.



**06SS - Wing Seal Clip**  
Designed for sign and  
signal mounting. 3/4" wide  
wing seal to be used with any  
thickness banding material.



**3/4" Buckle**  
Heavy duty stainless steel  
buckle for use primarily  
with 3/4"x.030 stainless  
steel banding.



**P-1**  
Heavy Duty Banding Tool

**C001 (Cool Tool)**  
Standard Banding Tool



**C-1**  
Band Cutter



# HARDWARE

## Standard Hardware



### 5/16" Hex Bolts \*

Available Lengths:  
5/8", 7/8", 1 3/4",  
2", 2 1/2", 3" & 4"

\* **Bolt and nut sold separately**



### 5/16" Hex Nuts \*

Also Available:  
3/16" & 1/2"



### 3/16" Bolt w/ Std. Slotted Head \*

Available Lengths:  
1 1/2" & 2 1/2"



### 5/16" Washer

**WN** - Nylon Washer  
**WP** - Steel-Plated Washer  
**WL** - Steel-Plated  
Lock Washer



### SK56

5/16" knurled set  
screw w/ 5/32" socket



### SSK56

5/16" stainless steel  
set screw w/ 5/32" socket

Requires standard allen key  
or **T100** Installation Tool

### Sign Savers

Mount between the sign and the post to reinforce the sign's punched holes. **Sign Grabber™** used for hanging signs on chain link fence.



### SAVE

3" round  
aluminum  
washer



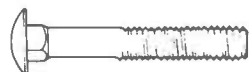
### SAVE2

3"x3" square  
punched aluminum

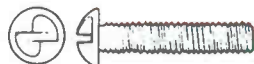
### SIGN GRABBER™



## Vandal-Pruf Hardware



**Tamper-Pruf Bolt**  
5/16"x2 1/2" Steel  
Carriage Bolt



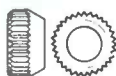
**One Way Bolt (Alum.)**  
**BOW2** 5/16"x2"  
**BOW25** 5/16"x2 1/2"



**BHP76**  
**Button Head Bolt**  
5/16"x3/4" w/ 5/32"  
socket with a center pin.  
Requires **T100** Installation Tool



**VPA12 (Alum.)**  
**Vandal-Pruf Bolts**  
5/16"x1 1/2" Bolt  
Requires **T43**  
Installation Tool



### NTPAFN

5/16" Fluted Nut  
Requires **T2**  
Installation Tool

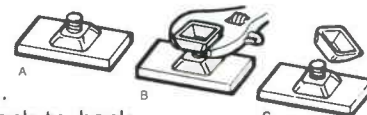


### Breakaway Nut (Alum.)

Use a wrench to tighten this 5/16" nut. When the nut is tight, keep twisting firmly and the hex head breaks off, leaving the vandal-pruf cone exposed.

### 5/16" Tufnut

Tighten to bolt by hand.  
Add a second Tufnut, back-to-back.  
Tighten the two nuts together with a wrench.  
Remove the second nut, leaving the first nut tight and secure.



### PRP38

**Center Pin Set Screw**  
5/16"x3/8" w/ 5/32"  
socket with a center pin.  
Requires **T100** Installation Tool



### Rivets

**R18** - Delineator Posts (1 3/16" long)  
**R26** - 2# U-Channel Posts (1 5/16" long)  
**R34** - 3# & 4# U-Channel Posts (1 13/16" long)



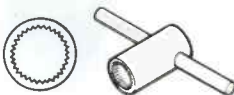
### RG Rivet Gun



**3/8" Drive Rivet**

## Installation Tools

**T2**



Special installation tool for  
**Tamper-Pruf Fluted Nuts**

**T43**



Special installation tool for  
**VPA12 Vandal-Pruf Bolts**

**T100**



Special installation tool for  
**Center Pin Set Screws &**  
**Button Head Bolts**



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## IMPACT recovery SYSTEMS

*" Impacting Today's Roads for a Safer Tomorrow"*



Need to send a message at a pedestrian, school or bicycle crosswalk? Want to direct walkers in a shopping area? How about send information to drivers in a high trafficked construction work zone? Have to create a delineation lane? Need to warn drivers and direct them around a dangerous curve? Want a portable or fixed device that can fill any or all of these needs?

**Impact Recovery Systems®** products are flexible, high impact, adaptable, informational, mini-message delineation devices designed for applications where versatility, portability, or multiple high speed impacts are a concern. These products are designed around a unique reactive

spring creating a **Reactive Unit** that has a **Quick-Release One Base™ System**.

The **Reactive Unit** gives upon impact and is designed to rebound and to reorient the sign panel towards traffic. The unique reactive spring is strong - it can support either a flexible post or an informational panel. The **One Base™ System** is so named because one base, either portable or fixed, works with virtually every portable channelizing device required in today's world. The **Quick-Release System** is designed around a keeper pin wherein the top unit is removed by simply pulling the keeper pin, rotating the assembly 15 degrees, then lifting and removing the assembly. These three features - **Reactive Unit, One Base and Quick-Release** - make IRS units ideal for numerous applications.

254-R1-6-P



**MUTCD IN-STREET  
PEDESTRIAN CROSSING SIGN**

254-R1-6A-P



254-R1-6-SCH-P



**MUTCD IN-STREET  
SCHOOL CROSSING SIGN**

254-R1-6A-SCH-P





# IMPACT RECOVERY SYSTEMS

## Impact Recovery Systems (IRS) ® (Continued)



**LEFT**



**Garden State Highway Products, Inc. and  
Impact Recovery Systems, Inc.**  
follow the MUTCD Standards in Reference to the  
guidelines constituting "Right" and "Left" designations.  
Please use the diagrams shown here when ordering  
vertical panels, hazard markers and chevrons.



**RIGHT**

### Parking Lot Products



**258**  
Stop Sign  
24"x24"  
5' 6" High

**260**  
Handicap Sign  
12"x18"  
5' High



### Work Zone Products

**251**

Median Chevron - Right  
18"x24" / 36" High



Also Available:  
**250** - Left (18"x24")  
(Above 36" High)  
**241** - Right (18"x24")  
**240** - Left (18"x24")  
(Above - 60" High)



**255**  
Temp. Stop Sign  
24"x24"  
5' High



**320**  
Vertical Panel - Left  
12"x24" / 36" High

Also Available:  
**321** - Right (12"x24")  
**220** - Left (8"x24")  
**221** - Right (8"x24")  
(All above - 36" High)

### Permanent Delineation Products

**TP36**

Tubular Marker  
36" High

Also Available:  
**TP-42** - 42" High  
**TP-48** - 48" High  
Colors Available:  
White, Orange  
& Yellow  
2" White, Orange  
or Yellow Reflective  
Bands Available



**236**

Sergeant Stripes  
18"x36" / 48" High



Also Available:  
**237** - 12"x24"  
(Above - 36" High)



**247**

Hazard Marker - Right  
12"x36" / 48" High

Also Available:  
**246** - Left (12"x36")  
(Above 48" High)  
**266** - Right (12"x24")  
**265** - Left (12"x24")  
**230** - Right (8"x24")  
**229** - Left (8"x24")  
(Above - 36" High)

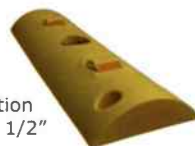
**239**

Median Chevron - Right  
18"x24" / 60" High



Also Available:  
**238** - Left (18"x24")  
(Above 60" High)  
**249** - Right (18"x24")  
**248** - Left (18"x24")  
(Above - 36" High)

**TUFF CURB**  
Yellow or White



Curb Section  
40"x12"x3 1/2"

End Cap  
18"x12"x3 1/2"



**NOTE:** Each section comes w/ two  
3M™ Raised Pavement Markers. We  
recommend a tubular marker, delineator  
or sign to be installed on each section  
for maximum visibility for motorists.

### Bases, Installation Materials & Tools



**103QR**  
Portable Base  
w/ Quick Release



**101NS**  
Fixed Base



**101QR**  
Fixed Base  
w/ Quick Release



**107SP**  
Plowable Base  
w/ Quick Release



**105NS**  
Driveable Base



**165**  
Lag Kit



**199**  
Quick Release Pin  
(For use w/ 101QR, 103QR & 107SP)

**160**  
2 Gallon Epoxy Kit  
(installs approx. 15 bases)



**109**  
Tee-Nut Socket Tool

Also Available: **161** - 10 Gallon Epoxy Kit  
**163** - Super Bundy (For 101NS & 101QR)  
**164** - Butyl Pads (Set of 4 for 103QR)



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# FLEXIBLE DELINEATORS

## Flexible Delineators - Surface Mounted and Driveable

A flexible delineator is perfect for areas where a delineator must be able to withstand numerous vehicle impacts at various speeds and then be able to return upright to its original position. Surface mounted delineators are perfect for temporary applications such as construction work zones or for parking lots. Epoxy to adhere surface mounted delineators is available. Driveable flexible delineators are ideal for straightaways, on/off ramps, curves and general delineation. Post drivers and pullers are available for all flexible delineators. Various lengths and post colors are available. See page 23 for styles of reflective material to meet your specifications. Please inquire as to stock items since non-stock delineators must be purchased in case quantities.

### Surface Mount/Anchor Cap Installed Flexible Delineators



**FG 300**  
18", 24", 30",  
36", 42", 48"

**FG 300**  
Post Profile



**FG 300 Curb System**

Applications for the FG 300 Curb System include:

- Freeway median separator
- Rail highway "Quiet Zone" crossings
- Acceleration lanes
- Left-Turn restrictions
- Through lane protection in busy urban areas
- Work zone 2-way, 2-lane separation
- Traffic calming, round-a-bouts & traffic circles
- Airport taxiway work zone closures
- Bike and pedestrian lanes



**DP 200**  
City Post

Anchor cap required  
for installation  
2" Anchor Cap for Concrete  
4" Anchor Cap for Asphalt



Utility  
Marker

### Driveable Flexible Delineators



**THESE DRIVABLE FLEXIBLE POSTS**  
These drivable flexible guide posts for roadside delineation are made of recycled engineering polymers. Made to withstand repeated impacts. They will not discolor when exposed to UV rays and will not rust, rot or splinter. They offer strength, flexibility and durability to stand up in the harshest weather conditions. NYTRIP tested, NCHRP 350 approved.

FG 400 profile FG 500 & Fantasma profile

- The FG 400 & 500 posts can be cut to any length; there are three standard colors: white, yellow and gray, other colors are available by special order.
- The single curve profile of the FG 500 provides maximum display area for vertical messages that need to be visible from wide angles.
- The double curve FG 400 provides more rigidity to reduce flutters in the air.
- For tighter budgets, consider our new Fantasma post, a PVC post with the profile.
- Message decals that comply with US DOT specifications are available and can be applied at the factory.
- Reflective sheeting factory applied for better visibility.



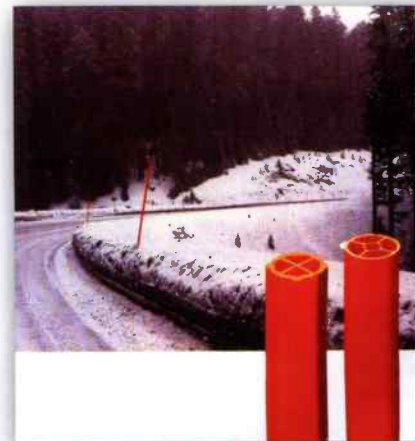
**Safe-Hit®**  
Delineator  
18", 24", 28",  
36", 42", 48"

**FG 500**  
Profile  
48", 60", 66",  
72", 78"

**FG 400**  
Profile  
48", 60", 66",  
72", 78"



### Snow Poles & Posts



**Snow Pole #3639**  
**Snow Posts #2549**



# VEHICLE WARNING LIGHTS

GSHP features **North American Signal Company** Warning Lights

Garden State Highway Products, Inc. carries a complete line of vehicle mounted warning lights including: revolving lights, strobe warning lights, strobe kits and accessories, portable strobe lights, mini- and mid- and full-size light bars & directional warning arrows, LED warning lights as well as many others. Shown here are a select few lights. Please visit our website at [www.gardenstatehwy.com](http://www.gardenstatehwy.com) for an inclusive selection of our vehicle warning lights.

## LED Lights



360° LED Strobe



MegaBurst LED



LED Mini-Bar &  
Low Profile Mini-Bar



Full Size LED Bar



Micro Mini  
LED Bar



Flush Mounted  
LED Lights



LED Grill  
Lights



Surface Mount  
High Impact LED Lights



LED Deck Lights



LED Arrow

## Non-LED Lights



400 Series



500 Series



900 Series



1250 Series



2000 Series



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Supplier of Quality 3M Products

# WORK ZONE PROTECTION

## Attenuator Truck

Mobile safety for road crews has been a safety traffic issue for a long time. Truck-mounted attenuators have helped to resolve this issue. These "crash cushions", mounted to the back of large trucks, enable temporary traffic control work zones - guardrail repair, spill cleanup, patch or pothole repair, painting, etc. - to be safe for workers. The truck is strategically placed between the motorist and the worker. Since the attenuator truck is engineered to withstand impacts up to 62 mph, it offers excellent worker protection in areas where it is not feasible to place concrete or permanent barriers. With attenuator trucks, workers can perform their jobs confident that they are being protected by state-of-the-art equipment supplied by Garden State Highway Products, Inc. All of our units meet NCHRP 350 testing requirements. Available for rent or for sale.



**Rental Options:**  
**Daily, weekly or monthly.**



## Portable Traffic Signal



Solar powered portable traffic signals are more sophisticated than ever before. Super Quartz technology provides precise timing of signals, without the use of external cables or power supplies. The system is foolproof and can be installed and programmed by one person, on site, in a matter of minutes. Unlike gasoline or diesel systems, the electric and solar powered units are environmentally friendly. The heart of the unit is a Micro-Terminal which, based on the user's specific site factors considering speed, distance and volume, automatically calculates the timing and phase duration. After programming, the Micro-Terminal is then removed from the job site to prevent unauthorized tampering or theft. Applications for this unit are endless - emergency and disaster situations, sporting events, bridgework, paving and parking lot events - the list goes on. Available for rent or for sale.

Please visit [www.gardenstatehwy.com](http://www.gardenstatehwy.com) for in depth specifications.

**Rental Options: Weekly or monthly.**

## Solar Arrowboard

This solar powered advanced warning trailer-mounted arrow board is essential to direct traffic flow in work zone areas. All models meet or exceed the specifications for advance warning arrow panels in Part 6F.53 of the Federal Highway Administration's Manual on Uniform Traffic Control Devices (MUTCD). Solar arrowboards are available in 15 and 25 PAR 46 LED lamp models and can have 50, 75 or 100 watt solar arrays. The top mounted solar panel charges two batteries, which, when fully charged, can last up to 45 days without sun.

**Lamp construction** - LED (36 per lamp) in unbreakable sealed polycarbonate housing with 360 degree high impact plastic lamp shrouds.

**Panel construction** - 48" high x 96" wide all aluminum lamp panel with welded frame.

Detailed specifications available on the solar arrow board of your choice.

Available for rent or for sale. **Rental Options: Daily, weekly or monthly.**





# WORK ZONE PROTECTION

## Solar Message Center

These full-size, full-matrix Solar Message Centers are portable, changeable message signs consisting of LED (Light Emitting Diode) lamp matrix panels. These character panels use patented optical assemblies that emit bright, distinctive messages to the traveling public. LEDs enhance legibility and visibility while requiring less power than other types of

illuminated signs. Full-matrix message centers allow you to display variable text heights from 13" to 68" in height and graphic symbols that are even larger. When fully charged, the message board is capable of operating independently of sun for 30 days with 2 1/2 hours of good sun required for each additional day of operation. Available for rent or sale.

**Rental Options: Daily, weekly or monthly.**



## Mini Solar Message Board

The Mini Solar Message Center is a portable, trailer-mounted, changeable message board with a 54" x 92" message display area. It features all-LED, full-matrix capability, plus the same high-quality performance of a full-size message board but in a smaller package.



**Lift and Rotate Trailer**

Powerful Control Technology included with each unit:



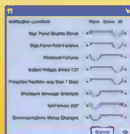
- Intuitive, 10.4" LCD touch-screen GUI.
- So easy to operate that no instructions are needed!
- Multi-lingual capability allowing use throughout the world.
- Message scheduler for date/time and event-based messages.
- NTCP compatibility for fast, simple integration into standard ITS installations.
- Integrated GPS receiver.
- USB "thumb drive" interface for fast, easy software updates (via the SolarTech website), as well as data collection (with optional Radar).

Remote Control and Diagnostics (with Modem Option)

**COMMAND CENTER**  
Manage, Monitor and Segment your Fleet of Traffic Safety Equipment



- GPS mapping of all units
- Group control and management of fleet
- Limit Liability - permanent log records what messages are displayed, and when
- Automatic notifications and alerts



- Be notified of message change, location change, low battery, etc.
- Improve worker and driver safety
- Make fewer trips to the site by using remote diagnostics
- Have less "down time"

**SMARTPHONE CONTROL**

- Full control of your message board from your smartphone.
- No software or apps required.
- Totally secure - IP Address, user name & password required.
- Messaging - system status, geo-location and diagnostics accessible from anywhere that your smartphone works.



**Standard Trailer**

**All message boards come standard with an integrated modem and GPS, and five years of cell service.**

**A FREE MODEM.** You will now be able to communicate with your boards from anywhere. Change messages, check status and diagnose problems using your office computer, home computer or your cell phone.

**FREE CELL SERVICE FOR 60 MONTHS.** Using our cell service, you can talk to your equipment through our Command Center software and never get a bill.

**FREE USE OF COMMAND CENTER SOFTWARE.** Command Center is our web-to-server-to-sign software that will connect you with your message board and give you even more information than your man in the field can access, including GPS mapping, power usage over timeframes and diagnostics.

**FREE GPS.** You'll know exactly where every sign is. No time wasted looking for "lost" signs. No time lost holding up jobs waiting for the right sign to be at the right spot.



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# WORK ZONE PROTECTION

## Channelizing Devices

Easy to handle, stack and store, traffic cones and barrels are available for all your safety needs.

### Cones and Cone Bars

Hi-visibility fluorescent orange or lime-green cones are UV-stabilized poly-vinyl chloride (PVC). Cones retain their shape and do not crack, even after multiple impacts.

Available sizes: 6", 12", 18", 28" and 36". Standard shape PVC traffic cones are shown here. Slim-Line (SL) cones are also available.



Reflective cone collars are available as follows:

- 18" Cones - 1 Reflective Collar
- 28" Cones - 2 Reflective Collars
- 36" Cones - 2 Reflective Collars

**A 6" upper cone collar and a 4" lower cone collar meet Federal specifications.**



Custom stenciling of company name or logo available.

Retractable cone bars are designed to be used with any size PVC cones. Extremely portable and lightweight, the cone bar is easy to assemble. Just drop the cone bar ring on to the top of the cones to set up an inexpensive barrier around hazardous or controlled



areas. In terms of both cost and functionality, the cone bar is more highly effective than warning tape. The cone bar is both reusable and reflective. Two sizes adjust from 4' to 6' 9" or 6' to 10' in length and are available in the following color schemes: Yellow on Black; or Blue, Green, Red or Orange on White.

### Navigator™

This 28" or 42" fluorescent orange polyethylene channelizer offers the features and benefits of a sleeved cone, a tubular delineator post, a vertical panel and a channelizer device. The Navigator™ has a molded handle which accepts Type A and Type C lights with a standard 3" bolt. Fully stackable with a 10, 16, 30 or 35 lb. rubber base. A 28" Navigator™ will accept two six-inch reflective stripes and a 42" Navigator™ will accept up to five six-inch reflective stripes.



### Barrels/Drums

The Lifeguard® Channelizer is a barrel with the original, patented tire collar ballasting system. The 100% recycled rubber collar is virtually indestructible. Lifeguard's® design prevents internal ballasting with unsafe materials allowing for drive-by inspections. Independent testing has shown that rubber collars grip the road better than slippery plastic bases. Accepts up to five bands of 4" or 6" alternating orange & white reflective sheeting (EG, EGP, HI or DG). Meets MUTCD Standards. Drum Weight: 10 lbs. Base Weight: 25 lbs. 36" H x 24" W(Base) x 18" W(Top)





# WORK ZONE PROTECTION

## Barricades

**Type I and II** Barricades are classified by the number of reflectorized panels. Type I barricades have EG, EGP or HIP reflectorized top panels; type II barricades have EG, EGP or HIP reflectorized top and bottom panels. Both barricades have provisions to mount a warning light.

### Specifications:

Height: 37 1/4"  
Leg Spread: 24" Nominal  
Approx. Weight: 14 lbs.  
Top Recessed Panel: 24"x12"  
Bottom Recessed Panel: 24"x4"



TYPE I

The **Type III Breakaway** Barricade consists of a molded plastic base and a U-Channel shape upright. The upright slides right into the base for quick and easy assembly and break down. The 60" high barricade holds three 48"x9" panels, left or right designation, which are sheeted with HIP alternate orange and white reflective stripes, 6" wide, sloping downward at an angle of 45 degrees in the direction traffic is to pass. The barricade can be internally ballasted with 60 lbs. of sand or sand bags may be used.



TYPE III  
Right pictured to push traffic left

The **A-Frame** Barricade has heavy duty molded polyethylene A-Frame legs with a molded-in light holder and two pockets to hold either a 2"x8"x6', 8' or 10' crossbar.

The crossbar is a plastic I-Beam sheeted with EG, EGP, HIP or DG<sup>3</sup> reflective sheeting.

### Specifications:

Height: 40"  
Spread: 30"  
Height to top of board: 36" min.  
Pocket: 2"x8"  
Approximate weight of two A-Frame legs: 12 lbs.



A-FRAME BARRICADE

### Description of Types I, II and A-Frame Barricades

- Resistant to impact.
- Manufactured of high density polyethylenes with molded in white color and UV stabilizers.
- EG, EGP, HIP or DG<sup>3</sup> reflective sheeting.
- Company name or logo stencilled on panel for small additional fee.
- Conform to section 6C of the Federal MUTCD.

## Barricade Warning Lights

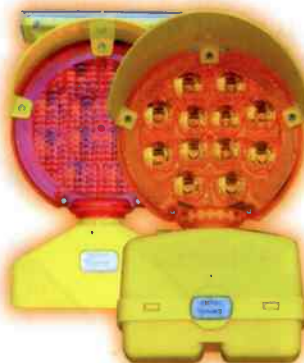
### Low-Intensity "A" or "C" Lights

This 6-volt low intensity light is a popular choice for work zones. Housed in an unbreakable molded plastic battery case, these lights have two 7" hi-impact Lexan lenses in choice of amber (std.), red, green, blue or clear. One six volt battery required, recommend two six-volt batteries for longer life. Batteries sold separately. Specify flash ("A") or steady burn ("C") when ordering. Approximate 45-day battery life on flasher, 21-30 days on steady burn.



### 212 LED Type "B" High Intensity Warning Light

Housed in a bright-yellow durable molded plastic battery case, this 12-volt "B" light is made for long lasting use. This light meets MUTCD standards, i.e., 12-volt, 8% on time, one 7" amber or red Lexan lens, one 7" reflector plated sunshade, and flash rate of 55 to 75 F.P.M. Available in fixed head or detachable model. Two 6-volt batteries sold separately.



### Solar Powered Dual-Function LED Hazard Light

#### Specifications:

Height: 12"  
Width: 8"  
Depth: 3"  
Weight: 1.5 lbs.  
Power: .4 watt solar panel  
Energy: 2.4 volt, 1600 mAh nickel hydride cells  
Flash Rate: 60 +/- Times/Minute  
Lens Material: Lexan



### Solar Powered High Intensity LED Type "B" Light

#### Specifications:

Height: 15"  
Width: 8"  
Depth: 4 3/4"  
Weight: 3.2 lbs.  
Power: 1.6 watt solar panel  
Energy: 4 volt lead acid rechargeable battery  
Flash Rate: 60 +/- Times/Minute  
Lens Material: Lexan



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# WORK ZONE PROTECTION

## Stop/Slow Paddles

### TAPCO LED BlinkerPaddles®

18"x18" or 24"x24" w/ 60" Staff

One 4-pc. Grey 60" Staff, one AC Wall Charger and one DC Car Charger included w/ every order.



Optional Carrying Bag holds two BlinkerPaddles and accessories.



Available as Stop/Slow or Stop/Stop



A conveniently placed thumb switch can activate side A, side B or both sides. Another thumb switch can alternate between a single flash (60 fpm) or a triple flash (180 fpm). Additionally, a gravity switch allows you to simply lower the BlinkerPaddle to turn it off, then raise it to turn it on again, saving effort and prolonging battery life.

## Quick Disconnect Stop/Slow Paddles

18"x18" w/ 12" Handle & 72" Staff

24"x24" w/ 12" Handle & 72" Staff



Available w/ Engineer Grade Prismatic, High Intensity Prismatic or Fluorescent Diamond Grade Reflective Sheeting.



Quick Disconnect

## Roll-Up Signs

All standard and some special legend construction signs are also available in 30", 36" or 48" roll-up signs. Choose from reflective materials (orange or fluorescent pink): SuperBright and Diamond Grade; or non-reflective materials (orange only): mesh and vinyl.

**NOTE:** Be sure to check with local or state traffic agencies to insure required size/reflectivity/color specifications are met. Fluorescent pink roll-ups recommended for **emergency incident management**. All signs come complete with fiberglass ribs, stitched or Lexan corner pockets and anti-kiting velcro.

Roll-Up sign accessories - roll-up mounting brackets, rigid sign mounting brackets, flasher brackets, truck mount brackets, median barrier brackets, flag lock brackets, flags, fiberglass ribs, storage bags and cases, and lights - are available. See page 45.



DETOUR

500 FT



1000 FT

1500 FT



1/2 MILE

1 MILE





# WORK ZONE PROTECTION

## Sign Stands

A wide variety of sign holders complement rigid and roll-up signs. Econo, compact and full-size sign stands, including spring-loaded models, are options. Featured here are some of our most commonly requested sign stands and accessories.

### Rigid Sign Stands



#### STUF4

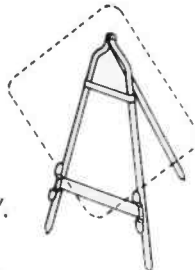
##### Tuffy 4-Legger

Holds any sign up to 48"x48".  
Folds flat for storage.

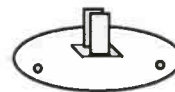
#### STP48

##### Economy Tri-pod Stand

Holds any sign up to 48"x48".  
Pointed feet provide stability  
against movement and wind.



#### IN-81 / IN-82 Pedestal Bases



IN-81 - 15" Aluminum Base  
Approx. Wt. - 3-4 lbs.

IN-82 - 18" Steel Base  
Approx. Wt. - 40 lbs.  
Both bases accommodate  
u-channel, square or  
round posts.

### Rigid and Roll-Up Sign Stands

Rigid and roll-up sign stands need to be lightweight, portable and easy to use. All of the spring-loaded models that we carry can hold 36" or 48" signs, have legs which adjust to various heights to accommodate uneven terrain, and have field-replaceable parts which are readily available. There are also a variety of models permitting sign placement at varying heights.



#### 5012SS

Windmaster Sign Stand  
Holds Sign 12" from ground  
(Roll-Up Only)



#### 4818

Windmaster Sign Stand  
Holds Sign 18" from ground  
(Roll-Up or Rigid)



#### 4860-K

Windmaster Sign Stand  
Holds Sign 5' or 7' from ground  
(Roll-Up or Rigid)



### Accessories



#### SA-10001

Roll-Up Sign  
Mounting Bracket



#### SA-01729

Rigid Sign  
Mounting Bracket

#### SA-27897 Flasher Bracket



#### DLX-03592

36" Crossbracing  
w/ 3 Flags



#### DLX-03593

48" Crossbracing  
w/ 3 Flags

#### SA-10436 Median Barrier Bracket (5"-11")



#### SA-28305 Median Barrier Bracket (9"-15")



#### 4818NL

Median Barrier  
Sign Stand



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# IMPACT ATTENUATORS

## Impact Attenuator Sand Barrels

Traffix Devices "The Big Sandy®" is a plastic barrier which is filled with sand to various weights. Each barrel is marked with sand fill lines indicated on the outside of the unit. The barrel is covered by a plastic lid and has a lifting flange for the purpose of attaching a lifting ring to move the barrels.



Three separate barrels are available.

### Sizes:

- Large Barrel: 2100 lbs.
- Medium Barrel: 1400 lbs.
- Small Barrel: 200/400/700 lbs.



Plastic Safety Systems Crashgard™ universal sand barrel accommodates all weight requirements. The Crashgard,™ without insert, holds 2100 or 1400 lbs. and, with insert, holds 200, 400 or 700 lbs. The Crashgard™ utilizes UV stabilizers to maximize product life. Reflective 4" or 6" sheeting is easily applied.

Crashgard™ Hoist available.



## Water Filled Barriers

Easy to transport and set-up, water filled barricades are ideal for traffic channeling and lane delineation, perimeter delineation (e.g., airport runways, security areas, etc.), crowd control and parking areas. These barricades are compatible with lights, signs, stanchions and fences.

### AR10x96

- Height: 10"
- Length: 96"
- Width: 10"
- Empty Weight: 28 lbs.
- Full Weight: 260 lbs.
- Optional pre-attached 72"x6" orange/white high intensity prismatic reflective sheeting
- Accommodates up to 2 specially designed CO-1 360° red flashing lights



### CO-1

360° Red Light

- Height: 5 1/2"
- Width: 5 1/4"
- Weight: 10.58 oz.
- FLASHING rate 55 per minute
- Polycarbonate lens material
- Solar Panels: Polycrystalline



- Height: 24"
- Length: 96"
- Width: 14"
- Empty Weight: 37 lbs.
- Full Weight: 785 lbs.
- Optional pre-attached 72"x6" orange/white high intensity prismatic reflective sheeting
- Accommodates up to 2 specially designed CO-1 360° red flashing lights



### AR24x96

### MB42x72 JSS

- Height: 42"
- Length: 72"
- Width: 24"
- Empty Weight: 100 lbs.
- Full Weight: 1,380 lbs.
- Pre-molded attachment area for flashing lights
- Optional stanchions can be utilized with snow fencing or barricade rail to create Type III barricades



### MB42x96 JSS

- Height: 42"
- Length: 96"
- Width: 24"
- Empty Weight: 200 lbs.
- Full Weight: 2,590 lbs.
- Pre-molded attachment area for flashing lights
- Optional stanchions can be utilized with snow fencing or barricade rail to create Type III barricades





# TRAFFIC SAFETY ACCESSORIES

## Reflective Safety Apparel



**1510/1511**  
Lime/Orange Contrast Vest  
Class 2 / ANSI 107-2015



**1515/1516**  
Lime/Orange Black Bottom Vest  
Class 2 / ANSI 107-2015



**1525/1526**  
Lime/Orange Sleeved Vest  
Class 2 / ANSI 107-2015



**1242/1243**  
Lime/Orange Sleeved Vest  
Class 3 / ANSI 107-2015



**1550/1551**  
Lime/Orange Sleeved Vest  
Class 3 / ANSI 107-2015



**1564/1565**  
Lime/Orange Sleeved Vest  
Class 3 / ANSI 107-2015



**S5000**  
Lime Survey Vest  
Class 2 / ANSI 107-2015



**S5002**  
Lime Survey Vest  
Class 2 / ANSI 107-2015



**9114**  
Lime T-Shirt  
Class 2 / ANSI 107-2015



**JS119z**



**JS130**  
Lime Ripstop Bomber Jacket  
Class 3 / ANSI 107-2015



**JS135**  
Lime 2 in 1 Ripstop Jacket  
Class 3 / ANSI 107-2015



**WB100**  
Lime Windbreaker  
Class 3 / ANSI 107-2015



**RWJ102**  
Lime Storm Cover Jacket  
Class 3 / ANSI 107-2015



**3118**  
Lime Pants  
Class E / ANSI 107-2015



**2826/2827**  
Lime/Orange Beanie



**2816**  
Lime Multi-Wear Climate Shield

## Hard Hats



Available Colors:  
White, Yellow, Red, Blue, & Lime  
All hard hats shown meet  
ANSI Z89.1 Type 1, Class C, G and E

## Safety Glasses



## LED Road Flares

Aerove rechargeable 18-LED flares are a safe alternative to incendiary flares. These flares are smokeless, flameless, non-toxic, waterproof, crush proof and come with an impact resistant rubber housing. Visible up to one mile.



## Flares



### Fusée Flares

Available Styles:

- 5 Minute Flare
- 10 Minute Flare
- 15 Minute Flare
- 20 Minute Flare
- 30 Minute Flare

Available plain, with wire stand or with wire spike

## Gloves



**1938**  
Pigskin Leather  
Reflective



**1748**  
Acrylic Knits  
w/ PVC Dots



**820**  
Brown Jersey



**1500**  
Cowhide  
Leather Palm



**1791**  
Latex Gripping

## Caution Tape

Available Legends:

- CAUTION
- CAUTION DO NOT ENTER
- CAUTION / CUIDADO
- POLICE LINE DO NOT CROSS
- FIRE LINE DO NOT CROSS
- DANGER (Black on Red)
- DANGER DO NOT ENTER (Black on Red)

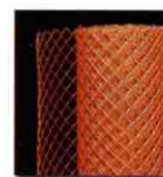


3" x 1000' Rolls

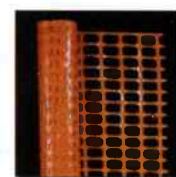
## Snow Fence / Safety Fence



Wooden Snow  
Fence



Diamond Link  
Fence



Warning Barrier  
Fence

\* Posts and installation equipment available.



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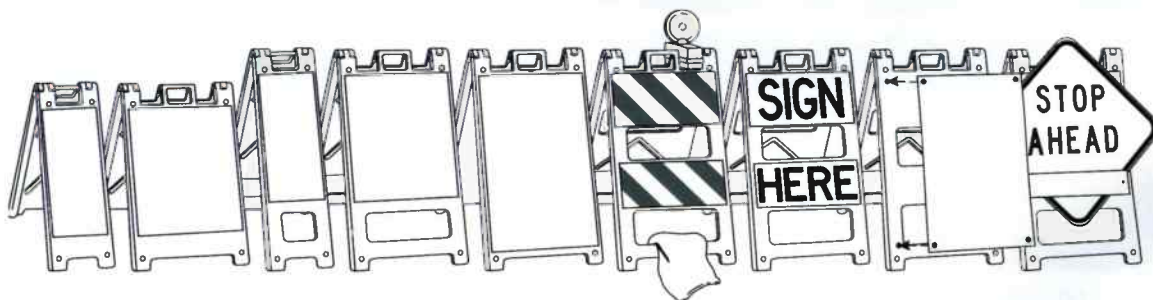
## PLASTICADE® PRODUCTS

From a means of communicating to a crowd to a means of controlling a crowd, hollow plastic sign stands that can be internally or externally ballasted serve a multitude of functions. Pictured here is an assortment of hollow plastic sign stands - each with its own unique applications. In stock and custom legends, fabricated with 3M's brightest reflective sheeting, create eye catching messages.

The **Minicade** is perfect for School Xing and Narrow Advertising spaces. The **Squarecade 36** is ideal for House and Garage Sales. Want a way to Channelize Traffic or Advertise Multiple Messages along narrow walkways - try the **Narrowcade**, perfect for places where space is limited. Use the **Squarecade** for Windy Areas and the **Signicade** for a cost effective way of Advertising Events, Promotions, Sales or Help Wanted.



Each of these plastic sign stands has a hole with a plug for sand ballasting. A free funnel is provided with every order to facilitate filling. Some of the units also have a sandbar bag at the bottom. Molded-in handles allow for easy carrying and transporting. Stacking lugs assure no sliding or scratching of sign faces during transport. Sign faces are regressed to protect the reflective sheeting. Flashing warning lights can attach to all units. Most Plasticades have a patented locking hinge to keep the unit open. Available plastic colors for most units are white, orange, bright yellow or warning yellow.



	Minicade	Squarecade 36	Narrowcade	Squarecade 45	Signicade	Plasticade	Plasticade Sign	Removable Sign Stand	Plasticade Sign Sleeve
Outside Dimensions	36" H 13" W	36" H 25" W	45" H 13" W	45" H 25" W	45" H 25" W	45" H 25" W	45" H 25" W	45" H 25" W	45" H 25" W
Regressed Sign Face Area	24" H 12" W	24" H 24" W	24" H 12" W	24" H 24" W	36" H 24" W	Top: 12" H 24" W Bottom: 8" H 24" W	Sign Blanks 24"x36" 24"x30"		

Note: Removable sign blanks can be used on all units by inserting Jack-nuts or Well-nuts which are screw receptacles with expandable backsides like Mollys in drywall.



Jack-nut

Well-nut





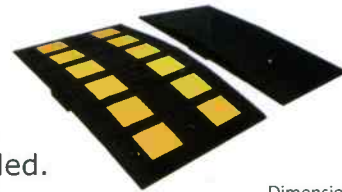
# TRAFFIC CALMING DEVICES

*Traffic calming devices address the ever critical speed control problem that every community has. Recycled rubber products help the environment and every community by "going green". The combination of the two are shown here in the products featured - speed humps, speed bumps and parking blocks.*



## Rubber Speed Humps

Rubber speed humps are generally used in residential areas to slow cars to between 10 to 20 m.p.h. while keeping traffic moving. They are also perfect for school zones, hospitals, malls, apartment complexes and any place where traffic calming is needed. Speed humps are constructed of 100% recycled rubber interlocking units with a tongue and groove system. This make-up allows the humps to be linked together to cover the width of any roadway. End caps are available to provide a smooth finish to the ends of the hump. Reflective yellow or white tape on each section increases visibility. Install humps into asphalt with rebar spikes and into concrete with lags bolts and shields.

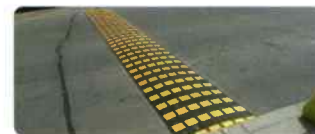


Dimensions:  
Hump: 35.5"L x 19.5"W x 2.1"H  
End Cap: 35.5"L x 19.5"W x 2.1"H

DON'T FORGET



YOUR SIGNS  
(See page 8)



## Rubber Speed Bumps

Rubber speed bumps are designed to slow cars to between 2 to 5 m.p.h. Their usage is for areas where more drastic speed reduction is required. Reflective yellow warning tape and cat's-eye reflectors alert drivers well in advance. Bumps are 6' long, 12" deep, and 2 1/4" high and weigh 51 lbs. Bump End Caps are available. Bumps are made of 100% recycled rubber from car and truck tires (NB, SBR) and contour to uneven surfaces. Install bumps into asphalt with rebar spikes and into concrete with lag bolts and shields.



DON'T FORGET



YOUR SIGNS  
(See page 8)



## Rubber Parking Blocks

Rubber parking blocks are perfect for every parking lot or place where parking spaces need to be delineated. Measuring 72" long, 6" deep, and 4" high, parking blocks are designed to stop cars as they pull into parking spots. These blocks are fabricated with reflective white or yellow stripes to insure safety. The flexible design conforms to the contour of uneven road surfaces. Designed to withstand extreme temperature variants, the parking blocks are resistant to moisture, oil, and ultraviolet light. They will not warp, crack, chip, or rot. Install blocks into asphalt with rebar spikes and into concrete with lag bolts and shields.



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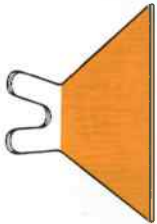
# ROADSIDE DELINEATORS

## Guardrail Reflectors

Guardrail reflectors offer high visibility from great distances, thereby improving roadside safety. The reflectors below are available with your choice of reflective sheeting on one or both sides.

### Butterfly™ Guardrail Reflector

With a trapezoidal shape that makes it ideal for fit inside all "W-Beam" steel guardrail, butterflies are available in two styles: bolt-on and glue-on (bolt-on shown here). These reflectors make guardrail highly visible for motorists in all weather conditions. Available in both plastic and steel versions, the bolt-on style is best suited for installation during initial guardrail construction. The glue-on style may be utilized at any time for maintenance or safety improvements.

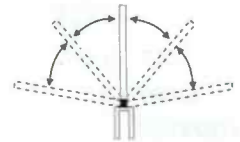


### FR Flex-Rail Guardrail Marker

The flex-rail markers offer bright daytime and nighttime

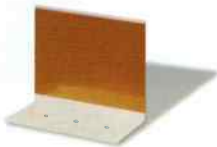


visibility by easily fitting over the top of steel "I-Beam" guardrail posts. The marker body is made of rigid PVC with co-extruded 80 durometer polyurethane acting as a working hinge. Call a Garden State Highway Products, Inc. sales representative for sizes and availability.

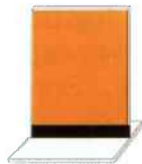


## Concrete Barrier Reflectors

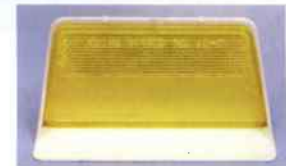
Engineered for brightness and resilience, shown here are several examples of concrete barrier markers. These barrier reflectors come in many different sizes. The FB and FT reflectors are available with your choice of reflective sheeting on one or both sides. The JD-1 (single sided) or JD-2 (double sided) reflector is available in your choice of colors.



**FB Flexible Barrier Marker**



**FT Flex-Tab Barrier Marker**



**JD-1/JD-2 Barrier Marker**

## Roadside Delineators

Roadside reflectors are used for attachment to posts or other objects to delineate the side of the road and, in particular, to identify curves and other hazardous road conditions.



### Centermount Delineators

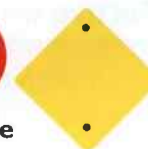
Centermount delineators were developed as reflectors for attachment to U-Channel posts and grew to become a standard vertical delineator for roadside identification. These aluminum or plastic backed 3 1/4" diameter reflectors have a 3/16" center mounting hole and are hermetically sealed against moisture. Plastic backed centermount delineators are only available in full box quantity of 200 pcs. Please specify aluminum or plastic, white, yellow, red, blue, or green when ordering.

### Aluminum Delineators

Aluminum delineators are available in the following sizes with your choice of reflective sheeting.



**3" Circle**



**5" Diamond**



**5" Square**



**4"x8" Rectangle**



# GUARDRAIL & ACCESSORIES

***Guardrail is an essential component to controlling and containing vehicle accidents. It is a critical element wherever human safety is a factor and wherever there is a risk of a vehicle going off of the roadway - whether it is along an interstate roadway, a highway, a secondary road, a bridge, a median, an embankment, or in a parking lot. Guardrail creates a barrier that, oftentimes, saves lives.***

The most common and cost effective form of guardrail is the W-Beam. It is an optimal choice for safety, strength and stability. The W-Beam consists of two "humps" and one "valley". Humps are rises that face towards the traffic (convex surface) lane, while the valley (concave surface) points away from the traffic lane. The W-Beam guardrail measures 13' 6 1/2" in length, 12 1/4" in height, and 3 1/4" in depth. The lay length of the 13' 6 1/2" guardrail is 12' 6". This lay length represents the distance between the outermost post holes. Thus, a 12' 6" panel has post holes centered at 6' 3" apart. The thickness of the W-Beam Guardrail is 12 gauge or roughly 1/8" thick. The W-Beam Guardrail can be purchased for both straight and curved roads.



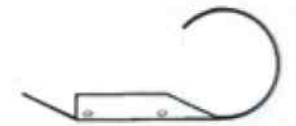
**Corten Weathering Guardrail**

Garden State Highway Products, Inc. offers several types of end treatments including the single buffer, double buffer, and flared end. Both the single and double buffer ends measure 16 1/4" in height and 24" in length, with a radius of 6 5/16". A flared end measures 27 1/2" in length, 15 3/8" in height, and 9" in depth. Typical installation consists of a panel of guardrail attached to posts that have been pounded into the ground. These posts are 4" in width, either 6' or 8' in length, and 6" in depth. The posts are spaced at intervals corresponding to the number of punches

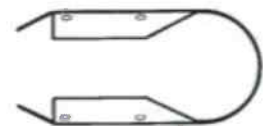
in the guardrail panel. Therefore, a 12' 6" piece of guardrail at 6' 3" post spacing requires 2-3 posts, depending on the need for a center post.



## End Treatments



Single Buffer End



Double Buffer End



Flared End

For additional information on offset blocks, rub rails, guardrail hardware, guardrail delineators and Corten Weathering Guardrail, please visit our website or contact a Garden State Highway Products, Inc. sales representative.



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# ADA and STORM DRAIN MARKERS

## Detectable Warning Surfaces

The Americans with Disabilities Act (ADA) "recognizes and protects the civil rights of people with disabilities." One sector of the ADA mandates that newly constructed pedestrian street crossings - curbs, curb ramps, blended transitions, rail crossings, medians and refuge islands - have detectable warnings for visually impaired individuals. The government also recommends retrofitting existing pedestrian street crossings wherever possible.

ADA Mats feature a distinctive pattern of raised domes which provide a perceptible detection by cane or by foot warning of an impending pedestrian crossing. In accordance with ADA regulations, raised truncated domes have a diameter of nominal 0.9", a height of nominal 0.2", a center-to-center spacing of 1.6" minimum and 2.4" maximum. Mats are "created" using tiles of various sizes: 24"x36", 24"x48", 24"x60", 36"x48", or 36"x60". Fabricated of a homogeneous glass and carbon composite which is colorfast and UV stable; standard colors include: Federal Yellow, Brick Red, Clay Red, Dark Grey and Black. Mats are Replaceable, Surface Mount (includes fasteners and adhesive) and Cast-In-Place. Visit [www.gardenstatehwy.com](http://www.gardenstatehwy.com) or call a sales representative for further details.



Replaceable



Surface Mount



Cast-In-Place

## Storm Drain Markers



Water pollution and clean water supplies are an ecological concern in every community. Metal Storm Drain Markers are an economical means of keeping our water sources - oceans, lakes, streams, ponds, bays, creeks, rivers, gulfs, wetlands and waterways - pristine.

Metal Storm Drain Markers install easily and quickly and remain permanently in place. Their sub-surface mounting installation with turned down edges ensures against theft and snow plow displacement. Storm drain markers can be installed on the roadway, the curb, the storm drain grate or the head. The attractive 4" disk, 3-D embossed, metal, storm drain marker lasts for decades and has a 30 year warranty. These markers are so strong that they are virtually indestructible.

**Available Metals:** Aluminum, Anodized Aluminum (Painted Only), Brass, Stainless Steel.

**Available Colors:** Red, Black, Blue and Green, Custom Colors Available (Min. Req'd).

**Available Legends:** NO DUMPING, ONLY RAIN IN DRAIN, AND DRAINS TO (any of the following): BAY, LAKE, STREAM, WATERWAYS, POND, RIVER, OCEAN, CREEK, WETLANDS or GULF. Visit [www.gardenstatehwy.com](http://www.gardenstatehwy.com) to see all standard available styles.





## High Performance Cold Patch

### Year Round High Performance Permanent Cold Patch

"A Permanent Cold Patch in a Matter of Minutes"



GSHP, Inc.'s **High Performance Permanent Cold Patch** is a high quality, pre-mixed, 100% asbestos free, asphalt "cold patch" compound which combines a carefully selected aggregate with a special bitumen formula. Its tenacious binding adhesive causes it to remain in the repaired area indefinitely. Even when applied to wet and frozen potholes, **High Performance Cold Patch** will compact with the back of a shovel and the surface may be opened to traffic immediately. Money will be saved in labor costs because workers will not be constantly repairing an area where other types of "cold patch" asphalt mix were used.

Where can **High Performance Permanent Cold Patch** be used? The beauty of this cold patch is that it can be used year round on both concrete and asphalt pavements. It has excellent bearing strength and is ideal for utility cuts, railway crossings and, of course, dangerous potholes, ruts, wide cracks and broken edges on parking areas, streets and major highways. Easy to apply, this cold patch makes repairs economical and permanent.

**High Performance Permanent Cold Patch** is always ready to use - no heating or mixing is necessary. It can be used in wet or dry conditions and in subzero to plus degree temperatures. It breathes under severe freeze/thaw conditions and it will heal itself. Stockpile **High Performance Permanent Cold Patch** outdoors, uncovered, for up to 12 months. **Cold patch is available in 60 lb. (27.2 kg) plastic bags or in bulk.** One skid holds 49 60-lb. bags. Skids may be broken. Store opened bags tightly sealed.

#### How is High Performance Permanent Cold Patch Installed?

- Recommended stockpiling and installation procedures available with every order.
- As with any repair, the better the preparation, the better the result. It is a good idea to remove any loose debris, dirt, ice, or standing water from the area to be repaired. This action will promote good adhesion and bonding.
- For potholes: Remove all loose debris, sweep out area, shovel in enough cold patch to slightly crown the surface, tamp down with back of shovel and wheel roll with any vehicle.
- For larger or deeper repairs: Remove all loose debris, sweep out area, apply cold patch in two-inch lifts, compacting each lift. Shovel enough material into the fault to slightly crown the "patch". When completed, compress the "patch" with the pneumatic tamper.
- See directions for larger repairs, e.g., road cuts, water main breaks, etc.
- General Quantity Rule: 45 lbs. of High Performance Permanent Cold Patch fills a 2" deep hole 4 square feet in size.
- Traffic flow can resume immediately; no setting time is required to produce a permanent patch.



## Premium Ice and Snow Melt

GSHP, Inc.'s **Premium Ice and Snow Melt** attacks ice and snow to minus 5 degrees Fahrenheit. It is fast acting, quickly penetrating through ice and snow. Apply **Premium Ice and Snow Melt** when precipitation begins to pavements, driveways, streets and walkways.

Apply 8 oz. or 1 cup of **Premium Ice and Snow Melt** per square yard. Amount may vary, however, depending on the depth of the ice and snow. Do not apply directly on grass or vegetation; keep away from children and pets. Available in 50 lb. (22.7 kg) plastic bags; store opened bags tightly sealed.

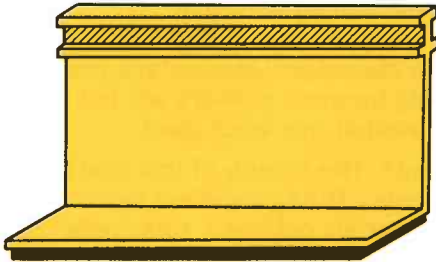


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# PAVEMENT MARKERS

## Short-Term Temporary Pavement Markers

These flexible raised pavement markers are easy to install and remove, saving you time, money and lives. They provide superb positive guidance both day and night, in all kinds of weather.

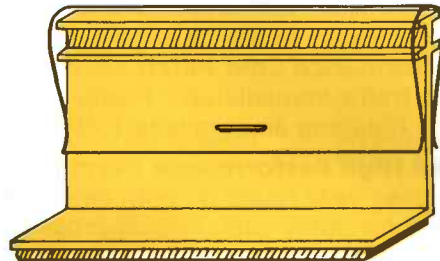


### **TOM™ Temporary Overlay Marker**

Dimensions:

- 4.0" Long
- 1.125" Wide - Base
- 2.0" High

TOMs are self-adhesive markers which are used to easily mark lane and center lines. Available in 1-way or 2-way Yellow or White.



### **TRPM™ Chip Seal Marker**

Dimensions:

- 4.0" Long
- 1.125" Wide - Base
- 2.0" High

TRPMs are self-adhesive markers for use on chip seal, slurry seal or fog seal surface dressings to install on lane or center lines. Available in 1-way or 2-way Yellow or White.

## Permanent Pavement Markers

Permanent markers are an essential part of roadway delineation. These markers form a complete system for marking land lines, center and edge lines, turn pockets, curb dividers, stop bars and fire hydrants.



### **MODEL 80/C80**

**Injection Molded Polymer**

Dimensions:

- 4.55" Long
- 3.18" Wide
- 0.66" High

Lens Area:

2.61 Square Inches



### **MODEL 88/C88**

**Plastic Faced Marker**

Dimensions:

- 4.0" Long
- 4.0" Wide
- 0.70" High

Lens Area:

3.25 Square Inches



### **MODEL 911**

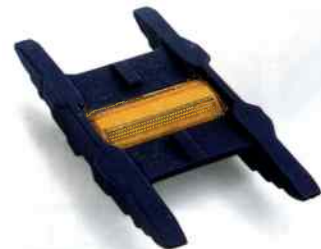
**Glass Faced Marker**

Dimensions:

- 4.00" Long
- 4.00" Wide
- 0.70" High

Lens Area:

3.25 Square Inches



### **MODEL 101 LPCR**

**Snowplowable Marker**

Casting Dimensions:

- 10.0" Long
- 5.5" Wide
- 1.76" High

Lens Area:

1.9 Square Inches

Permanent markers available in the following colors: One-Way Yellow, One-Way White, Two-Way Yellow, Two-Way White, Two-Way Blue, Two-Way White/Red & Two-Way Yellow/Red



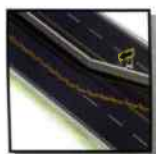
# PAVEMENT MARKING MATERIALS

## Highway Tapes & Symbols - Permanent and Removable

Available in 60 mil and 90 mil thicknesses and in white and yellow, permanent extended life marking tapes & symbols - standard and custom - are extremely durable, exceptionally resistant to wear, tear, movement and weather conditions, and highly reflective. Installation is quick and easy: clean and prepare the surface, apply the tape or symbol, tamp into place, and the marked surface can be immediately opened to traffic. Permanent Contrast Marking Tapes and Yellow Green Marking Tapes are also offered.



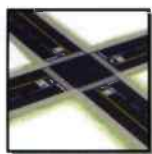
Installed the same way permanent tapes are and with all of the same features, removable construction tape is recommended for construction projects for up to one year. When the job is finished, the tape's reinforced fabric backing makes removal easy. Tape offered in a variety of colors and roll widths. Legends & Symbols and Removable Hide-A-Line Tapes are also obtainable.



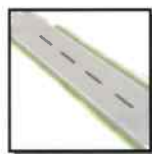
200 Removable



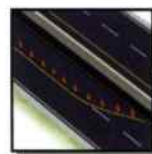
300 Perm. Tape



400 Perm.  
Extended Life



Contrast Line



Hide A Line



Perm. Symbols

***All of Garden State Highway Products, Inc.'s marking tapes & symbols are domestically produced and environmentally friendly.***

## Rumble Strips - Permanent, Removable and Removable/Reusable

Self-adhesive rumble strips are the perfect choice for creating a visual, audible and physical alert to slow drivers down in a caution situation. Permanent, Removable (designed for a single installation up to 12 months) and Removable/Reusable (designed for up to five times, short term installations) rumble strips are available in rolls of 4"x50' at .250 mil thickness and in bright yellow, bright orange, bright green, white or black.

Rumble strips should be applied in three sets of ten. Oriented toward oncoming traffic, in set one, the strips should be 10' apart followed by 500'; in set two, the strips should be 5' apart followed by 500'; and, in set three, the strips should be 18" apart. Application layout may vary, however, based on the posted speed limit.



Permanent  
Rumble Strips



Removable &  
Removable/Reusable  
Rumble Strips

### Installation Accessories



Primer  
Cart



Application  
Machine



Tamper  
Cart



Prep!



Peel!



Tamp!



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# PAVEMENT MARKING MATERIALS

## Traffic + Field Marking Paint

Water-based (Latex) traffic paints are available for marking asphalt or concrete. Specifications and MSDS sheets are obtainable for all paint concerning thinning, drying time, highway preparation, spreading rate, content, etc. online at [www.gardenstatehwy.com](http://www.gardenstatehwy.com) or by request. Traffic Paint colors are available in white, yellow, blue, red, green & black and are packaged in either 5 gallon pails, 55 gallon drums or 250 gallon totes.

*Glass beads are available, in 50-lb bags.*

*One skid equals 40 50-lb bags. Skid may be broken.*



## Aerosol Paint

Aerosol cans are available for minor applications - parking lots, school grounds, utility ground marking, surveying, athletic fields, warehouse aisles, communication lines, etc. - where heavy traffic or safety concerns demand long lasting, durable, clearly marked surfaces. Available in an array of colors - Utility White, Hi-Vis Yellow, Fluorescent Orange, Green - among a few, marking aerosol paints can be either solvent or water based. These inverted marking paints (and chalks) have a fast-drying formula which penetrates and adheres to hot, cold or wet surfaces. They are VOC and MIR compliant as well as free of lead hazards. One standard case of aerosol paint contains twelve 17-oz. cans.

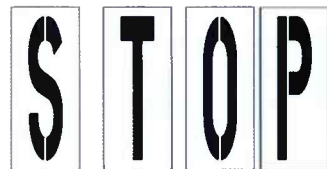


Please call or visit our website for list of all colors available and for information on paint strippers and machines.

## Form Flex™ Stencils

Cut from heavyweight (1/8" thick) poly-vinyl, these stencils are more durable than plywood stencils, yet are lighter, easier to transport and resist warping. Dried paint flakes away from the vinyl surface, making cleanup very easy. Standard letter and number sizes are 4", 6", 8", 10", 12", 18", 24", 36", 48", 72" and 96". 96" letters and numbers come in both 4" and 6" strokes.

Other symbols include straight and curved arrows, railroad crossing symbols, stop bars, fire hydrants, bike and ped xings, bike lane symbols, handicap symbols, sport kits, standard legends in different sizes (NO, PARKING, FIRE, LANE, etc.) - please inquire. Custom made stencils are available.



**NO PARKING**





# PAVEMENT MARKING MATERIALS

## PreMark® and HotTape™ Thermoplastic

**Heat-fused Preformed Thermoplastic Pavement Markings**

***"An Exciting and Durable Alternative to Traditional Traffic Markings"***



### PreMark®

Applying PreMark® is fast, safe, and cost-effective with an industrial propane heat torch. The top surface of the material has regularly-spaced indents, or heating indicators, which provide a visual cue during application that the material has reached a molten state indicating satisfactory adhesion and proper bead embedment has been achieved.

#### **Benefits of using PreMark®:**

- Preheating the road is not required, and there is no minimum road or ambient temperature
- Pre-cut and ready to use out of the box
- Durable; Lasts 6 to 8 times longer than paint
- Sustainable product with small environmental impact. Recycled materials make up 60% of this product, and 29% of the components are rapidly renewable materials.



### HotTape™



HotTape™ is a pre-formed thermoplastic product specially made for crosswalks, bike paths, and other pedestrian uses. It is easily applied with an industrial propane torch and an infrared thermometer. Preheating the pavement to a specified temperature is required prior to application.

#### **Benefits of using HotTape™:**

- Provides enhanced durability and visibility to help increase life of pavement marking program
- Pre-cut and ready to use out of the box
- Supplied in 90- and 125-mil thicknesses. Available in 90-mil rolls
- Sealer is not required for application on concrete
- One year shelf life allows broader options for inventory management



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# ARCHITECTURAL LETTERS & LOGOS

## Architectural Letters, Symbols, Arrows & Plaques

For those times when a standard highway sign type letter just isn't enough, GSHP, Inc. is pleased to offer architectural letters, symbols, arrows and plaques. These architectural elements are best used when depth or sharp edges are required in letter style. If you need to "jazz up" your sign, symbol, or mark; check out some of the great architectural components that we have for you!

### Architectural Types:

- Minnesota Letters - injection molded letters
- Formed Plastic - letters, symbols, logos & arrows available
- Laser Cut Acrylic - letters & logos available
- Cast Metal - letters, symbols, logos & arrows available
- Waterjet Cut & Router Cut Metal - letters, symbols & logos available

Garden State Highway Products'  
Injection Molded Channel Letters

G.S.H.P.

Heights, font styles, colors, metal finishes (baked enamel, aluminum, bronze, stainless steel, copper, hot rolled steel, brass & muntz, satin), and mounting methods vary per architectural type. Pattern templates available for easy mounting.

### Minnesota Letter



A  
B  
C

### Formed Plastic



### Cast Metal ABC 123



### Laser Cut Acrylic

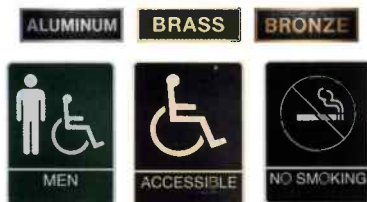


### Waterjet Cut & Router Cut Metal



### ADA, Architectural and Etched Metal plaques available.

#### ADA Plaques



#### Architectural Plaques



#### Etched Plaques



*For detailed specifications, please call or e-mail a sales representative.*



# GARDEN STATE HIGHWAY SERVICES

Garden State Highway Products, Services division was opened in 2001 in response to our customers' traffic control needs. GSHP Services provides a variety of services including temporary traffic control set-up, temporary and permanent sign installation and removal, and rental of Traffic Maintenance Attenuators, Variable Message Signs, Arrowboards and Advance Warning Signs. GSHP Services specializes in traffic lane and shoulder closures; regulatory, overhead, and street sign installation; temporary detour and advance warning sign installation and removal; barrier end treatment (impact attenuator) crash cushion installation; rentals; and, flagging operations.

As a full service traffic control division, GSHP Services and its personnel are certified through the American Traffic Safety Services Association (ATSSA). GSHP Services has already established itself as an industry leader by working on a variety of traffic safety projects on a multi-tiered level - from state, county and local projects to private jobs, from thousands of square feet of signage to a single sign. GSHP Services prides itself on treating every customer - whether the sale or rental be big or small - alike.

***Call today for GSHP Services' assistance!***

**1-856-692-1300**



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Supplier of Quality **3M** Products

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# ORDERING INFORMATION

1. Please have billing and shipping company name, street address (do not use P.O. Box for shipping address), city, state, zip code, telephone number and "Attention to:" (if applicable) ready when ordering. This information will ensure fast, accurate processing of your order. See next page.
2. **Standard Signs** are considered to be those illustrated in this catalog along with all signs listed in the MUTCD (Manual on Uniform Traffic Control Devices). We will be happy to quote you on any non-standard requirements you may have. **Non-standard or custom signs are not returnable.**  
**When ordering signs please specify:**
  - **Catalog Item Number or MUTCD Number**
  - **Sign Size:**  
Horizontal by Vertical Measurements
  - **Legend Color and Background Color**
  - **Sign Finish:**  
Non-Reflective -  
Baked Enamel or Vinyl  
Reflective -  
Engineer Grade Prismatic (EGP)  
High Intensity Prismatic (HIP)  
Diamond Grade Cubed (DG<sup>3</sup>)  
Fluorescent Diamond Grade Cubed (FDG<sup>3</sup>)
  - **Pressure Sensitive Face or Finished Sign**  
(Aluminum, Plywood, Plastic, Fiberglass)
3. Orders for **Non-Standard Signs** and **Street Name Signs** must be submitted in writing in order to eliminate possible errors as a result of telephone conversations.
4. Restocking charge on **stock** items is \$25.00 or 20% of order, whichever is greater.
5. When ordering standard catalog items, please specify quantity, catalog number (if possible), size, color (if there is a choice), and accessories (if applicable). When ordering non-standard or non-stock items, you may have to purchase in full box quantities per manufacturer's minimum requirements.
6. No merchandise may be returned without Garden State Highway Products, Inc.'s approval. **All custom orders are non-returnable.** Goods returned without authorization will be returned at the sender's expense. Should a return be authorized, the merchandise must be carefully packaged to ensure it reaches us in re-sellable condition. Credit cannot be given for merchandise returned in a damaged condition due to improper packaging.
7. Upon receipt of your order, please check all merchandise carefully. Take exception of the carrier delivery ticket for any item:
  - a. Not received when checked against our packing list
  - b. Showing evidence of damage during transitAll claims for shortages or damaged goods must be filed with the delivering carrier within five (5) business days after receipt of goods. Keep all cartons and labels. Please do not deduct claims for loss or damage or transportation charges resulting therefrom from our invoice. If any discrepancies are found, note them in writing on both your and the carrier's delivery tickets. Be sure the driver signs both copies acknowledging the discrepancy and notify us immediately.
8. Hidden Damage: Should you discover any damage after delivery, you should contact the delivering carrier immediately and request that an inspection report be completed by the carrier.

## GSHP Inc's. Guarantee

Garden State Highway Products, Inc. guarantees all of its products to be free from defects in materials and workmanship at time of delivery. We will repair or replace, at our discretion, any product whose defect can be directly attributed to failure of either our materials or workmanship. Copy, finish, material and color choice as well as local, state, federal and corporate regulations concerning the suitability, legality, and/or safe use of any product purchased from Garden State Highway Products, Inc. are the sole responsibility of the customer.

**We look forward to working with you.  
Thank you for contacting us.**

## Terms and Conditions of Sale

1. Prices are subject to change without notice. Minimum order is \$50.00.
2. Terms of payment: Standard terms are net 30 days from date of invoice; subject to credit approval by Garden State Highway Products, Inc. Past due invoices subject to 1 ½% monthly interest charge. Orders received from past due accounts will not be processed until the account is current.
3. Shipping: All terms FOB factory unless otherwise noted in this catalog or quoted in writing.

*Please mail, phone, fax or e-mail orders to:*

**Garden State Highway Products, Inc. - 1740 East Oak Rd. - Vineland, New Jersey 08361**

(856)692-7572 - (800)338-5685 - Sales Fax: (856)692-7344 - Main Fax: (856)692-6797 - e-mail: sales@gardenstatehwy.com







# Garden State Highway Products, Inc.

1740 East Oak Road • Vineland, NJ 08361

856-692-7572 • Toll Free 800-338-5685

Main Fax 856-692-6797 • Sales Fax 856-692-7344

sales@GardenStateHwy.com • www.GardenStateHwy.com

## FAX ORDER FORM

*Photocopy this page for Fax Orders: 856-692-7344*

### Bill to:

Name

Address

City

State

Zip

Contact

Phone

Fax

### Ship to:

Name

Address

City

State

Zip

Contact

Phone

Fax

<b>Date:</b>		<b>GSHP Salesperson:</b>		<b>Purchase Order #:</b>	
	<b>Qty.</b>	<b>Description</b>		<b>Price</b>	<b>Extension</b>
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<b>Check One:</b> <input type="checkbox"/> Net 30 <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> MasterCard <input type="checkbox"/> VISA <input type="checkbox"/> American Express				<b>TOTAL</b>	

# **GARDEN STATE HIGHWAY PRODUCTS, INC.**

*D.B.E. and W.B.E. Certified  
Member of the  
Small Business Bureau*



*New Jersey's  
Largest Independent  
Sign Fabricator*

"YOUR SAFETY IS OUR BUSINESS"

# **GSHP**

INC.



**1740 E. Oak Rd.  
Vineland, NJ 08361**

**(856) 692-7572 • 1-800-338-5685**

**Fax: (856) 692-6797**

**Sales Fax: (856) 692-7344**

**email: [sales@GardenStateHwy.com](mailto:sales@GardenStateHwy.com)**

**[www.GardenStateHwy.com](http://www.GardenStateHwy.com)**

