

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	2" x 2" x 10'-14 gauge square pre-punched on all 4 sides	700.00000	EA	28.000000	19600.00

Comm Code	Manufacturer	Specification	Model #
30102900			

Commodity Line Comments:

Extended Description:

2" x 2" x 10'-14 gauge square pre-punched on all 4 sides, 1" center to center, 3/8" hole

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	2" x 2" x 12'-14 gauge square pre-punched on all 4 sides	600.00000	EA	30.000000	18000.00

Comm Code	Manufacturer	Specification	Model #
30102900			

Commodity Line Comments:

Extended Description:

2" x 2" x 12'-14 gauge square pre-punched on all 4 sides, 1" center to center, 3/8" hole

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	2" x 2" x 14'-14 gauge square pre-punched on all 4 sides	50.00000	EA	32.000000	1600.00

Comm Code	Manufacturer	Specification	Model #
30102900			

Commodity Line Comments:

Extended Description:

2" x 2" x 14'-14 gauge square pre-punched on all 4 sides, 1" center to center, 3/8" hole

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	1.75" x 1" x 14' -14 gauge square pre-punched on all 4 side	50.00000	EA	30.000000	1500.00

Comm Code	Manufacturer	Specification	Model #
30102900			

Commodity Line Comments:

Extended Description:

1.75" x 1" x 14' -14 gauge square pre-punched on all 4 side on all 4 sides, 1" center to center, 3/8" hole

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	2.25" x 2.25" x 36" 14 gauge square pre-punched on all 4	1200.0000	EA	12.000000	14400.00

Comm Code	Manufacturer	Specification	Model #
30102900			

Commodity Line Comments:

Extended Description:

2.25" x 2.25" x 36" 14 gauge square pre-punched on all 4 sides, 1" center to center, 3/8" hole

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	8" triangular multi-directional slip base top for 2 1/2" squ	10.00000	EA	10.000000	100.00

Comm Code	Manufacturer	Specification	Model #
31160000			

Commodity Line Comments:

Extended Description:

8" triangular slip base top half for 2 1/2" square post-tubular post receiver-Triangular Multi-Directional Slip Base Component

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	3/8" x 3 1/2" grade 8 flanged shoulder bolt for tubular sty	300.00000	EA	1.000000	300.00

Comm Code	Manufacturer	Specification	Model #
31160000			

Commodity Line Comments:

Extended Description:

3/8" x 3 1/2" grade 8 flanged shoulder bolt for tubular style post receivers and slip base bottom halves-Assembly Replacement Hardware

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	3/8"- 16 flange nut case hardened	300.00000	EA	0.200000	60.00

Comm Code	Manufacturer	Specification	Model #
31160000			

Commodity Line Comments:

Extended Description:

3/8"- 16 flange nut case hardened- Assembly Replacement Hardware

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	SS "L" shaped banding bracket assy. with hardware	100.00000	EA	5.000000	500.00

Comm Code	Manufacturer	Specification	Model #
31160000			

Commodity Line Comments:

Extended Description:

SS "L" shaped banding bracket assy. with hardware- Stainless Steel Banding and Brackets

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
10	Flared leg bracket with bolt and washer	100.00000	EA	3.000000	300.00

Comm Code	Manufacturer	Specification	Model #
31160000			

Commodity Line Comments:

Extended Description:

Flared leg bracket with bolt and washer-Stainless Steel Banding and Brackets

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
11	2 1/2" x 36" Solid Tele-spar Installation	1000.0000	EA	12.000000	12000.00

Comm Code	Manufacturer	Specification	Model #
30102900			

Commodity Line Comments:

Extended Description:

2 1/2" x 36" Solid Tele-spar Installation-Heavy Duty Anchors

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
12	2 1/2" x 36" Angle Tele-spar Installation	1000.0000	EA	12.000000	12000.00

Comm Code	Manufacturer	Specification	Model #
30102900			

Commodity Line Comments:

Extended Description:

2 1/2" x 36" Angle Tele-spar Installation-Heavy Duty Anchors

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
13	5/16" medium corner bolt through 2 1/2" post	500.00000	EA	1.000000	500.00

Comm Code	Manufacturer	Specification	Model #
31160000			

Commodity Line Comments:

Extended Description:

5/16" medium corner bolt through 2 1/2" post

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
14	5/16" flange nut used with corner bolts	500.00000	EA	0.100000	50.00

Comm Code	Manufacturer	Specification	Model #
31160000			

Commodity Line Comments:

Extended Description:

5/16" flange nut used with corner bolts

Exhibit A
2500000003

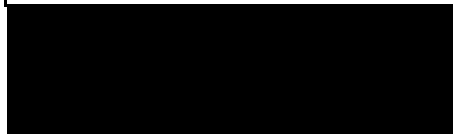
Item Number	Quantity	Unit of Measure	Description	Unit Price	Extended Amount
1	700.000	Each	2" x 2" x 10'- 14 Gauge Square Pre-punched on all 4 sides, 1" center to center, 3/8" hole	\$ 28.00	\$ 19,600.00
2	600.000	Each	2" x 2" x 12'- 14 Gauge Square Pre-punched on all 4 sides, 1" center to center, 3/8" hole	\$ 30.00	\$ 18,000.00
3	50.000	Each	2" x 2" x 14'- 14 Gauge Square Pre-punched on all 4 sides, 1" center to center, 3/8" hole	\$ 32.00	\$ 1,600.00
4	50.000	Each	1.75" x 1" x 14'- 14 Gauge Square Pre-punched on all 4 sides, 1" center to center, 3/8" hole	\$ 30.00	\$ 1,500.00
5	1200.000	Each	2.25" x 2.25" x 36"- 14 Gauge Square Pre-punched on all 4 sides, 1" center to center, 3/8" hole	\$ 12.00	\$ 14,400.00
6	10.000	Each	8" triangular multi-directional slip base top for 2 1/2" square post-tubular post receiver-Triangular Multi-Directional Slip Base Component	\$ 10.00	\$ 100.00
7	300.000	Each	3/8" x 3 1/2" grade 8 flanged shoulder bolt for tubular style post receivers and slip base bottom halves-Assembly Replacement Hardware	\$ 1.00	\$ 300.00
8	300.000	Each	3/8"-16 flange nut case hardened-Assempbly Replacement Hardware	\$ 0.20	\$ 60.00

9	100.000	Each	SS "L" shaped banding bracket assy. With hardware-Stainless Steel Banding and Bracket	\$ 5.00	\$ 500.00
10	100.000	Each	Flared leg bracket with bolt and washer-Stainless Steel Brackets	\$ 3.00	\$ 300.00
11	1000.000	Each	2 1/2" x 36" Solid Tele-spar Installation-Heavy Duty Anchors	\$ 12.00	\$ 12,000.00
12	1000.000	Each	2 1/2" x 36" Angle Tele-spar Installation-Heavy Duty Anchors	\$ 12.00	\$ 12,000.00
13	500	Each	5/16" medium corner bolt through 2 1/2" post	\$ 1.00	\$ 500.00
14	500	Each	5/16" flange nut used with corner bolts	\$ 0.10	\$ 50.00

TOTAL

21014
21214
21414
1751414
2253614
SB8T225
FSB38325
FN3816

BBLSS
FLB0001
2501236
225036
516250CB
516CBN





2024 - Transportation Safety Products Catalog

CANUCK POWER INC.
info@canuckpower.com
647 675 3543

What we do?

- ◆ Traffic Road Signs
- ◆ Sign Post & Fixing Hardware
- ◆ Healthy & Safety Signs
- ◆ LED/Solar Signage
- ◆ Radar Speed Signs
- ◆ Traffic Signal/ Light
- ◆ Road Markers
- ◆ Road Stud/ Solar Road Stud
- ◆ Road Marking Tape
- ◆ Road Delineator/ Solar Road Delineator
- ◆ LED Warning Light
- ◆ Road Barrier/ Guardrail
- ◆ Warning Post/ Bollard
- ◆ Traffic Cone/ Traffic Cone Sign
- ◆ Flashing Light
- ◆ Speed Bump
- ◆ Plastic Signs
- ◆ ACP Sign
- ◆ Roll Up Sign with Stand
- ◆ Hand Held Signs
- ◆ Traffic Baton
- ◆ Emergency LED Light/ Signs
- ◆ Reflective Materials
- ◆ Luminous Materials
- ◆ Glass Beads
- ◆ Safety Helmet
- ◆ Personal Protective Equipment
- ◆ Reflective Vest
- ◆ Total Station Parts
- ◆ Reflective Optical Prism
- ◆ Reflective Sticker/ Target/ Label
- ◆ IMO Symbol
- ◆ Water Level Garage
- ◆ Car Sticker/ Car Signs
- ◆ Reflective Tape for Vehicle
- ◆ Danger Warning Sign for Vehicle
- ◆ Sign Frame with Stand
- ◆ Portable Signs
- ◆ Yard Signs



Part 2. Retroreflective Sign Sheeting

Retroreflective sign sheeting is the first product we researched and produced at the very beginning of our company establishment in 2011. We focus on the development of retroreflective sign sheeting for over 10 years and continues to meet today’s requirements with long-lasting and effective signs that help get drivers safely where they’re going. Explore our full range of visibility performance levels to meet the needs of your specific application:



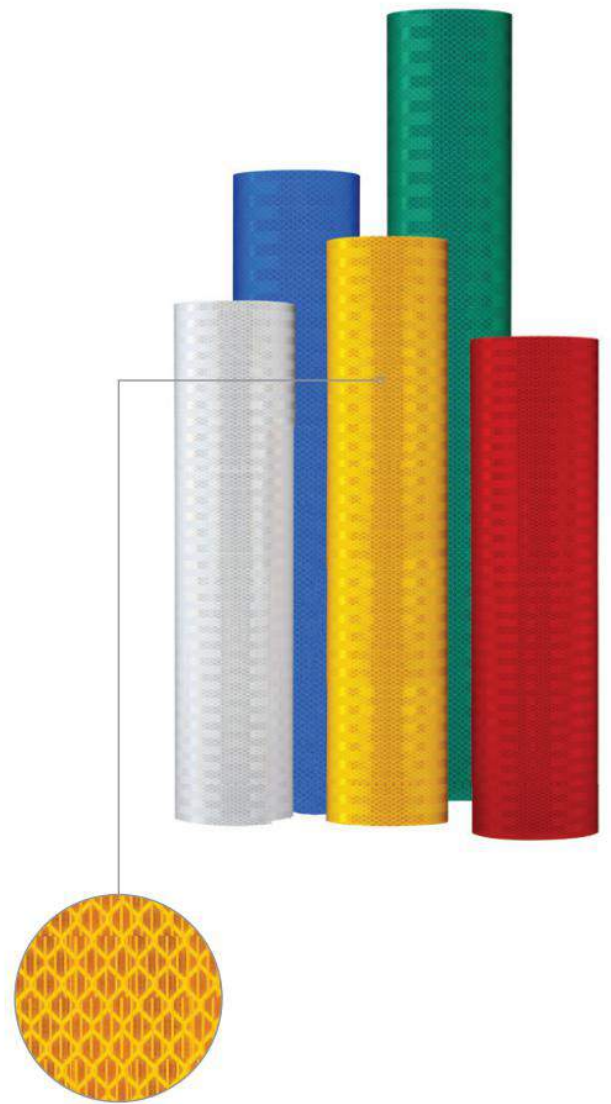
Engineer Grade Sheeting (EGP)	High Intensity Prismatic Sheeting (HIP)	Diamond Grade Prismatic Sheeting (DG3)
<p>Ideal for non-critical traffic signing and devices</p> <ul style="list-style-type: none"> • An affordable choice for non-critical traffic signs. 	<p>Excellent reflectivity for regulated applications</p> <ul style="list-style-type: none"> • Traffic signs and work zone devices 	<p>Maximum total reflected light</p> <ul style="list-style-type: none"> • Higher luminance for long-distance visibility • DG3 Reflective Sheeting returns almost 60% of the available light to vehicle drivers—about double that of our high intensity prismatic reflective sheeting.
<p>Standards:</p> <p>BS EN 12899-1:2007 Class RA1</p>	<p>Standards:</p> <p>BS EN 12899-1:2007 Class RA2/R2</p>	<p>Standards:</p> <p>BS EN 12899-1:2007 Classes R3A, R3B and R3C</p>

Excellent reflectivity for regulated applications

The reflective sheeting you need to meet most common performance standards

- ◆ Suitable for many traffic signs
- ◆ Meets performance standards of BS EN 12899-1:2007
- ◆ Class RA2/R2
- ◆ Warranted for up to 12 years
- ◆ Great for different imaging methods—compatible
- ◆ with select digital printing solutions, electronic cuttable
- ◆ films and screen print imaging methods

Available Color:



On the road to the future.

The transportation industry is dramatically changing and autonomous vehicles will soon be on our roads. That's why we're already innovating smart sign technology and more robust pavement markings to help guide the vehicles of the future.



Part 3. Traffic Road Signs

Traffic Signs and Services

Reducing crashes reduces costs

Optimal sign visibility and legibility under a wide range of conditions can help reduce accidents and lower transportation-related costs to society. Microreplication and full cubed corner technology create excellent performance in retroreflective sheeting, helping motorists navigate complex roadway environments.

Traffic injuries and deaths cost governments Approximately

3% of GDP

Source: WHO road safety status 2015



Safer roads start here.

From improving brightness of our pavement markings for better visibility in wet conditions, MS is dedicated to improving traffic safety and mobility on a global level—for every driver. Every vehicle. Every road. Our mission is to make sure families, commuters, pedestrians and road workers all get home safely. That's why we're pursuing a future of zero deaths on the road. To reach this goal, we continually work to provide high visibility products for roadway projects. Whether you're constructing a new road, re-paving an existing road or planning a road for the future, we have the product portfolios you need to reach your goals.

MS™ Connected Roads

Safer roads for a safer future.

The technology that goes into our high performance sheetings and wet reflective and contrast pavement markings helps human drivers and automated cars navigate more safely. That means the infrastructure you build for the drivers of today will work for the driverless cars of tomorrow.



Automated vehicles could reduce

80-90%

of accidents

caused by human error



MS™ Reflective Road Signs

Superior visibility for superior results.

Studies have found that where more-visible signs are installed, crash numbers have fallen

25% to 46%

in three to six years.



Working towards

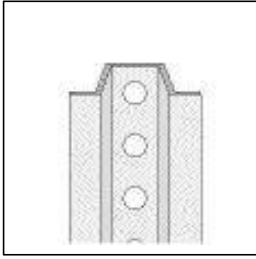
zero road deaths;

visibility matters.

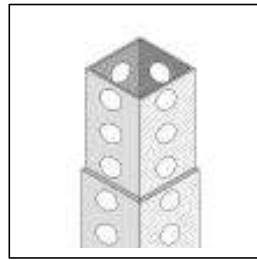


Part 4. Sign Post & Mounting Hardware

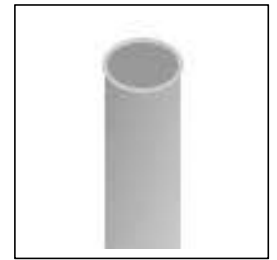
There are three primary types of steel shapes used for sign supports:



U-channel Post



Square Tube Post

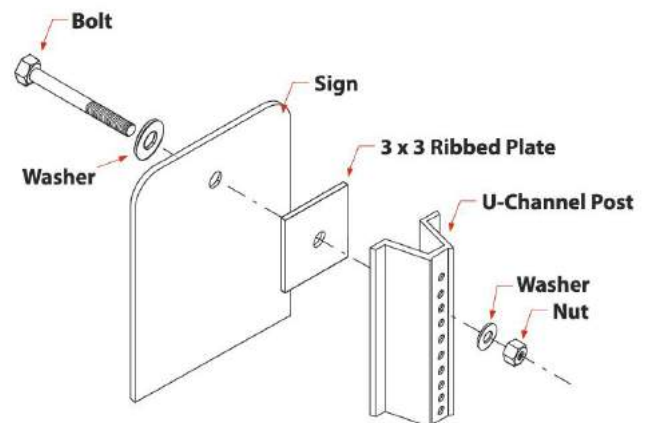
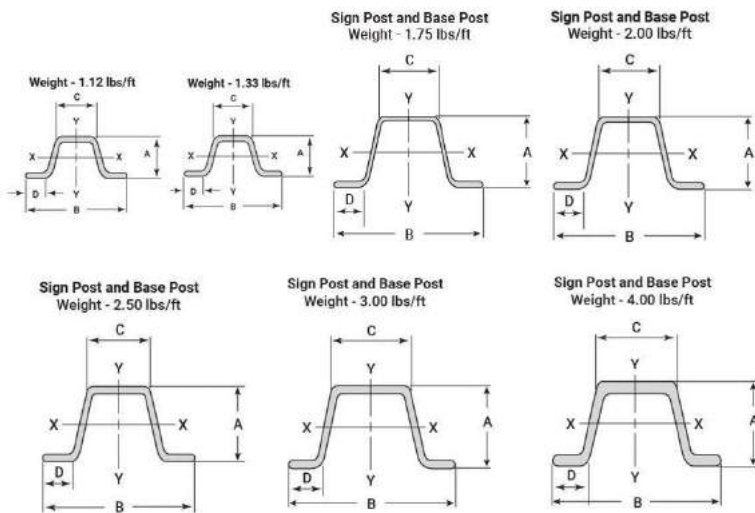


Tubular Steel Post

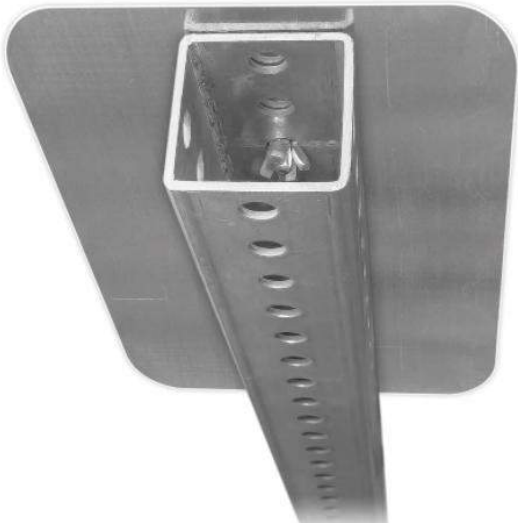
U-Channel Post:

Materials: Galvanized Steel

This post type is often preferred for maintenance and light construction applications, since it is easy to directly drive into the ground and assemble, and has low cost. Sizes are defined by weight per foot; i.e. "3 lb/ft post". Disadvantages of U-channel include its lower loading capacity and the inability to mount signs at right angles on the same post. No more than 3 U-channel posts should be used for a single sign without addition of a breakaway feature.



U Channel Dimensions									
Weight *Lbs/Ft	Dimensions				Area IN ²	X - X Axis+		Y-Y Axis	
	"A"	"B"	"C"	"D"		I(IN ⁴)	S(IN ³)	I(IN ⁴)	S(IN ³)
1.12	.841	2.037	.802	.182	.329	.029	.073	.100	.098
1.33	.871	2.037	.802	.182	.391	.036	.088	.121	.119
1.75	1.516	3.125	1.250	.625	.516	.16	.201	.367	.236
2.00	1.516	3.125	1.250	.625	.59	.18	.23	.42	.27
2.50	1.562	3.125	1.250	.625	.74	.24	.31	.55	.35
3.00	1.750	3.500	1.625	.718	.92	.40	.43	.87	.50
4.00	1.750	3.500	1.671	.718	1.24	.50	.56	1.22	.69



Square Tube Post:

Materials: Galvanized Steel

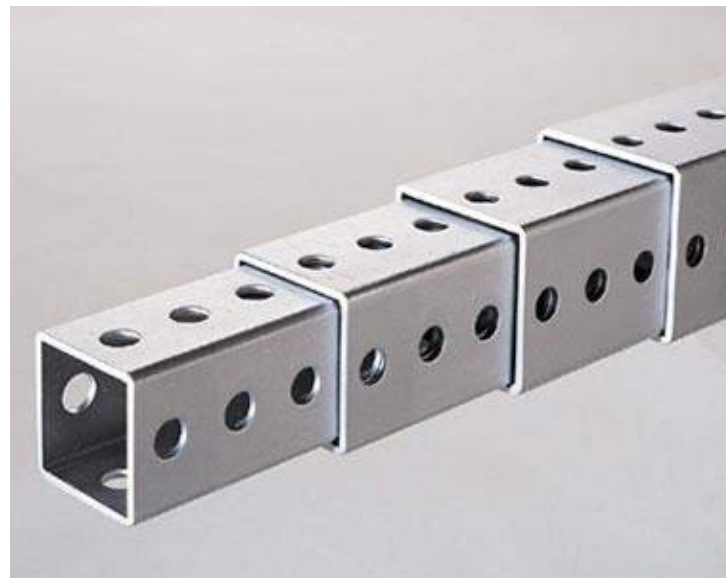
This post type is characterized by a square shape, sometimes perforated by mounting holes at 1 inch spacings. Sizes are defined by outside square dimensions. Standard sizes range from 1 1/2 inches to 2 1/2 inches in 1/4 inch increments.

A square tube post can be made much stronger or spliced by inserting another smaller square tube post inside. This is called creating a "telescoping" post.

The advantages of square tube posts are excellent flexibility in mounting options, greater loading capacity over U-channel, the ability to mount signs on 4 sides of the post, and the ability to quickly replace damaged posts by pulling the old post out of the foundation and inserting a new post.

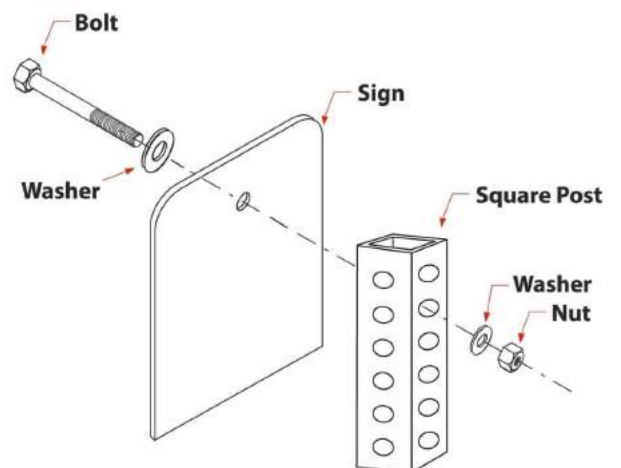
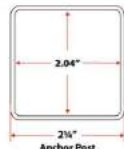
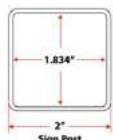
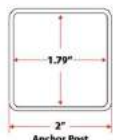
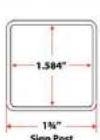
Disadvantages include a moderately higher cost per installation over U-channel.

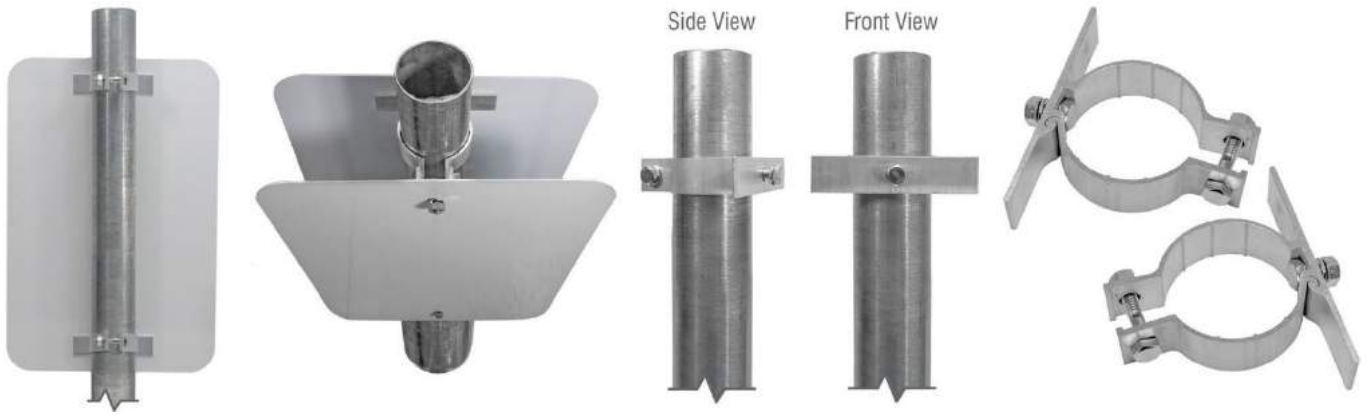
Some sizes and combinations of square tube posts may require the use of slip bases or other breakaway features to meet crash worthiness criteria.



Square Post Specifications

Post Size	Post Material	Gauge	Post Width	Hole Size & Placement	Shipping	Recommended Use
3 ft.	Galvanized	12 Gauge	2"	7/16" dia. on 1" centers	UPS & FedEx	Breakaway Anchor Post
3 ft.	Galvanized	12 Gauge	2 1/4"	7/16" dia. on 1" centers	UPS & FedEx	Breakaway Anchor Post
6 ft.	Galvanized	14 Gauge	1 1/2"	7/16" dia. on 1" centers	UPS & FedEx	Delimiters, Parking Lot Signs, Non-Official Use
8 ft.	Galvanized	14 Gauge	1 3/4"	7/16" dia. on 1" centers	UPS & FedEx	Parking Signs, Property Signs, Traffic Signs
8 ft.	Galvanized	14 Gauge	2"	7/16" dia. on 1" centers	UPS & FedEx	Parking Signs, Property Signs, Traffic Signs
10 ft.	Galvanized	14 Gauge	1 1/2"	7/16" dia. on 1" centers	Freight Only	Parking Signs, Property Signs, Traffic Signs
10 ft.	Galvanized	15 Gauge	2"	7/16" dia. on 1" centers	Freight Only	Parking Signs, Property Signs, Traffic Signs





Tubular Steel Post:

Materials: Galvanized Steel

This post type is characterized by a round steel tube or pipe shape. Sizes are defined by nominal steel tube diameters. The sign panels are either bolted directly through the post or clamped to the outside of the post.

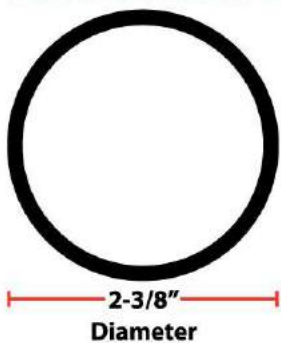
The advantages of tubular steel posts are low cost, the ability to use commonly available steel pipe, and the ability to mount signs at any desired angle.

Disadvantages include the need to field-drill the post or use special clamps to attach signs, and the requirement to use special proprietary breakaway hardware for larger post sizes if installed in the clear zone.

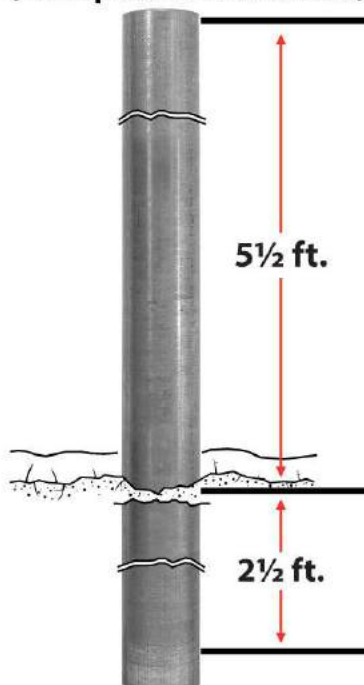
There are variants on tubular posts offered by vendors that use a different shape and cross-section for the post, but share many of the same characteristics as standard tubular posts.



Post Dimensions



Post Installation (Example: 8 ft Round Post)



Installation Guide

Post Size	Installation Depth
8 ft	2½ - 3½ ft
10 - 12 ft	3½ - 4 ft

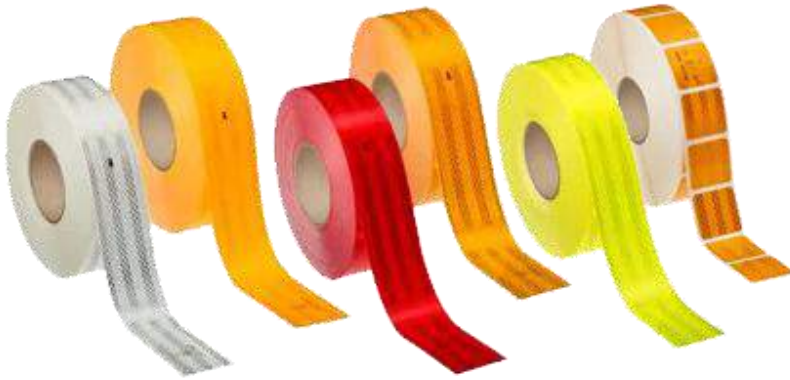
Part 5. Vehicle Warning Signage

MS™ Reflective Tape

For vehicles

are strong and rigid with a high performance adhesive that holds securely to vehicles. Markings are available in rolls, packaged pieces or kiss-cut pieces on a roll. The easy-release liner makes installation quick and user friendly.

- ◆ High brightness with wide angularity
- ◆ On-site application training available
- ◆ Durable markings protected by 3-5-year, prorated warranty
- ◆ Vivid colors and bright whites



Easy to see. Easy to apply.



MS™ Reflective Warning

Signage

For vehicles

It's a regulatory requirement that marking plates be placed on the rear of certain motor vehicles and trailers in order to improve their visibility and for example, provide the do not overtake turning vehicle warning to other motorists. There are hundreds of different vehicle rear plate. Most of them are light reflective in color red and yellow. It can be rigid plate or simply a sticker with adhesive



MS™ Reflective Slow Moving

Vehicle Signs

Size: 14 x 16 inches

Materials: Aluminum/ PS board with HIP reflective sheeting around the boarder.

Red retroreflective boarder and red-orange fluorescent center can be seen up to 600 ft away as per the ASAE-276.4 standard as the colors are quite bright and very reflective.



MS™ Reflective Rear Warning

Signs

For Spain and Italy

Size: 50 x 16 inches

Materials: Aluminum/ PS board with double side printed reflective sheeting and protective rubber stripes around the edge.



One side for Spain and one side for Italy.

Part 6. Road Marker

MS™ Road Markers

Visibility for drivers. Guidance for vehicles. Safer roads for everyone.

MS's retroreflective technology has raised the bar on visibility and durability in road markings for the modern world. As we strive to reach zero deaths, we will continue to evolve with changing modern technology to help keep roads safe, day or night, wet or dry.

Products range:

- ◆ Plastic reflective road marker
- ◆ Cast aluminium reflective road marker
- ◆ Glass road marker
- ◆ Ceramics road marker
- ◆ Solar road marker
- ◆ Road marker tape
- ◆ Road marker paint
- ◆ Road marker glass beads
- ◆ Reflective anti-glare sheet
- ◆ Reflective road marker post
- ◆ Reflective warning bollard
- ◆ Reflective traffic cone

**A trustworthy partner you can
always count on.**



MS™ Plastic Road Marker

Model: RM-010P

One-way or two-way available

Size: 100x100x20mm

Body materials: Polycarbonate body & lens

Visible distance: up to 300m

Installation: By Epoxy Glue & screw

Application: work zones, curbs, lane lines, Long lines, Ramps, Spot delineation

Feature: Dry reflectivity, Wet reflectivity

Surface type: Asphalt, Concrete

Weight resist: 17tons in static



Weight Resist:

17 tons

In static

MS™ Aluminum Road Marker

Model: RM-010A

One-way or two-way available

Size: 100x100x20mm

Body materials: aluminum alloy & lens

Visible distance: up to 300m

Installation: by epoxy Glue & screw

Application: work zones, curbs, lane lines, long lines, ramps, spot delineation

Feature: dry reflectivity, wet reflectivity

Surface type: asphalt, concrete

Weight resist: 25tons in static



Weight Resist:

25 tons

In static

MS™ Tempered Glass Road

Marker

Model: RM-010G

Size: D100x49mm

Body materials: tempered glass

Visible distance: up to 300m

Installation: put into the hole with epoxy Glue

Application: work zones, curbs, lane lines, long lines, ramps, spot delineation

Feature: dry reflectivity, wet reflectivity

Surface type: asphalt, concrete

Weight resist: 25tons in static



Weight Resist:

25 tons

In static



Weight Resist:

15 tons

In static

MS™ Ceramics Road Marker

Model: RM-010C

Size: 100x100x20mm

Body materials: ceramics

Visible distance: up to 200m

Installation: By Epoxy Glue

Application: work zones, curbs, lane lines, Long lines, Ramps, Spot delineation

Feature: Dry reflectivity, Wet reflectivity

Surface type: Asphalt, Concrete

Weigh resist: 15tons in static



Weight Resist:

20 tons

In static

MS™ Solar Road Marker

Model: RM-011S

One-way or two-way available

Size: 105x105x20mm

Body materials: aluminum alloy & lens

Battery: 1.2V/600mah NiMH batteries

Solar panel: 0.3W 2V/120mah solar panel

Visible distance: up to 500m

Installation: by epoxy Glue & screw

Application: work zones, curbs, lane lines, long lines, ramps, spot delineation

Feature: dry reflectivity, wet reflectivity

Surface type: asphalt, concrete

Weigh resist: 20tons in static



Weight Resist:

17 tons

In static

MS™ Solar Road Marker

Model: RM-011H

two-way available

Size: 110x95x25mm

Body materials: aluminum alloy

Battery: 1.2V/600mah NiMH batteries

Solar panel: 0.3W 2V/120mah

Visible distance: up to 500m

Installation: by epoxy Glue & Screw

Application: work zones, curbs, lane lines, long lines, ramps, spot delineation

Feature: dry reflectivity, wet reflectivity

Surface type: asphalt, concrete

Weigh resist: 17tons in static

MS™ Solar Road Marker

Model: RM-011E

Size: D120x50mm

Body materials: aluminum alloy

Battery: 1.2V/600mah NiMH batteries

Solar panel: 2.5V/220MA mono-crystalline

Visible distance: up to 500m

Installation: by epoxy Glue

Application: work zones, curbs, lane lines, long lines, ramps, spot delineation

Feature: dry reflectivity, wet reflectivity

Surface type: asphalt, concrete

Weigh resist: 75tons in static

Weight Resist:

75 tons

In static



MS™ Solar Road Marker

Model: RM-011M

Size: 123x25x40mm

Body materials: aluminum alloy

Battery: 1.2V/600mah NiMH batteries

Solar panel: 0.3W 2V/100mah

Visible distance: up to 500m

Installation: by epoxy Glue & Screw

Application: work zones, curbs, lane lines, long lines, ramps, spot delineation

Feature: dry reflectivity, wet reflectivity

Surface type: asphalt, concrete

Weigh resist: 17tons in static

Weight Resist:

17 tons

In static



MS™ Solar Road Marker

Model: RM-011M

Size: 120x55x70mm

Body materials: Polycarbonate body & lens

Battery: 1.2V/600mah NiMH batteries

Solar panel: 0.3W 2V/100mah

Visible distance: up to 500m

Installation: galvanized support with screw

Application: road barrier, road guardrail

Feature: dry reflectivity, wet reflectivity



Other Road Markers

To learn more, please get in touch with us anytime.



RM-010T



RM-010R



RM-011R



RM-011EC



RM-011EC-2



RM-011S-2



RM-013P
(Marker Paint)



RM-013T
(Marker Tape)



RM-010P
(Delineator Post)

Part 7. LED Road Sign



MS™ LED Road Sign

The highest visibility solution

Our LED road signs have much greater visibility than traditional traffic signs to help ensure traffic and pedestrian safety. LED signs are becoming increasingly popular for construction sites, traffic sites and schools as a way to help reduce accidents and fatalities. Now solar traffic signs have the added advantage of being energy efficient to help reduce costs. Read product details to determine if an LED sign is solar powered or AC powered

Road signs with LEDs grab the driver's attention and help illuminate the message. They are often found at schools, on work sites, or at places where driver and pedestrian safety is of vital importance.

7 reasons why you choose LED road sign:

1. Brighter
2. Longer Lasting
3. Highly Attractive
4. Less Electricity Consumption
5. Less Maintenance and Replacement
6. Energy- Efficient
7. Better Visibility



MS™ LED Traffic Light

Model: series TL-010L

Type: 1 light/ 2 lights/ 3 lights/ 4 lights

Light Size: 200mm/ 300mm/ 400mm

Materials: Polycarbonate body & aluminum alloy

Function: arrow, Countdown

Power: $10 \leq 10W$ (1 light)

Voltage: AC85-265V/50HZ

Solar Panel: 60W / 80W

Working Temperature: $-40^{\circ}C - 80^{\circ}C$

Waterproof: IP53

Visible Distance: 300M



MS™ LED Traffic Sign

Model: series TS-020S

Type: Dot matrix / Translucent/ Portable/ Flexible

Size: Customized

Materials: aluminum alloy & reflective sheeting

Function: flashed/ stably

Voltage: AC85-265V/50HZ / DC12V

Solar Panel: 60W / 80W

Working Temperature: $-40^{\circ}C - 80^{\circ}C$

Waterproof: IP53

Visible Distance: 500M



MS™ LED Radar Speed Sign

Model: series TS-030R

Type: Solar powered/ AC powered

Size: 50x50cm/ 60x90cm/ 60x120cm/ Customized

Materials: aluminum alloy & reflective sheeting

Digits: 2 or 3 digits

Radar: 24.150 GHz

Screen Size: 36 x45cm or customized

Battery: 12V 17ah x2 or 12V 17ah x 3

Detective Distance: 200M

Response Time: $< 0.5s$

Voltage: AC85-265V/50HZ

Solar Panel: 60W / 80W

Working Temperature: $-40^{\circ}C - 80^{\circ}C$

Waterproof: IP53

Visible Distance: 500M



MS™ LED Warning Light

for traffic cone only

Type: solar / rechargeable battery



Model: WL-041L

Package: 12PCS/46X37X35CM

Light Size: D175mm(lens)

Body Materials: PP plastic

2LED flashed light

Flash Rate: 65times/minute

Powered: 1pcs or 2pcs 4R25 6V battery

Function: flash/ close/ stably

With plastic handle and metal bracket

Color: Red/ Yellow

Model: WL-042S

Package: 12PCS/50X33.5X31CM

Light Size: D175mm(lens)

Body Materials: PP plastic

2LED flashed light

Flash Rate: 65times/minute

Powered: high quality silicon solar panel

Function: flash/ close/ stably

With plastic handle and metal bracket

Color: Red/ Yellow



LED Warning Light

To learn more, please get in touch with us anytime.



WL-050S



WL-071W



WL-072R



WL-081S



WL-043Y



TB-080H
(Traffic baton)



TC-090S



WL-045R



WL-046Y

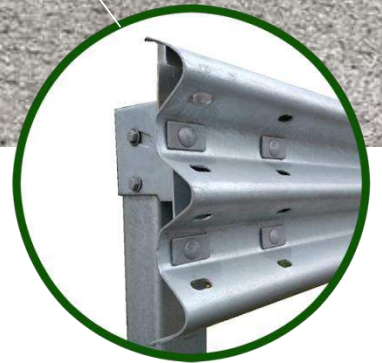
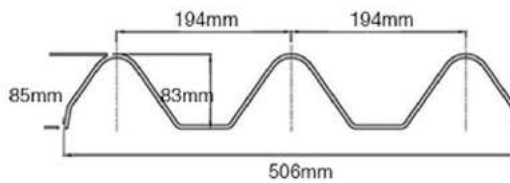
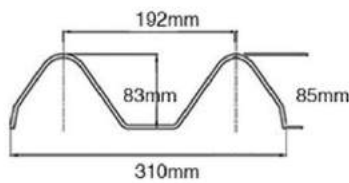
Part 8. Road Barrier & Guardrail

MS™ Highway Guardrail

Type: double wave/ triple wave

The main purpose of a highway guardrail along the highway is to form a safety barrier to help protect a motorist who has drifted off the road.

If a car is running off the road for one reason or another, the best thing that can happen is for that car to come to rest unimpeded.



Type 1: Two wave guardrail

Type 2: Triple wave guardrail

- Materials:** Galvanized Steel
- Type 1 Size:** 4320(L) x 310(W) x 85mm
- Type 2 Size:** 4320(L) x 506(W) x 85mm
- Post Size:** Dia114x4.0x1950mm / Dia 140x4.5x1950mm
- Plate thk:** 2.6-4.0mm
- Accessories:** Steel plate/ Post/ Screw bolts/ Post cap/ Guardrail end





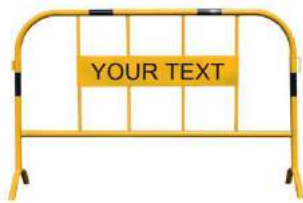
MS™ Road Barricade

Materials: galvanized steel / plastic/ stainless steel

Coated: Electrostatic spraying

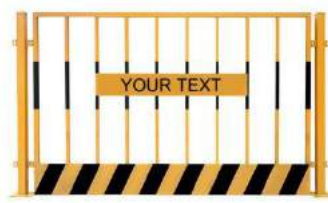
Color: silver/ white/ black/ yellow/ blue/ Red

Printing: screen printing



Model: RB-001GS

Materials: galvanized steel



Model: RB-002GS

Materials: galvanized steel



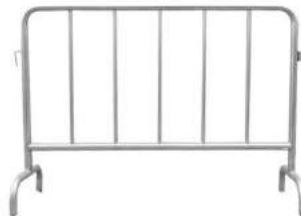
Model: RB-003GS

Materials: galvanized steel



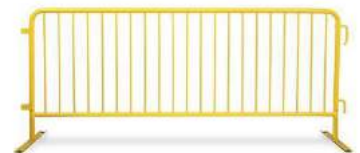
Model: RB-004GS

Materials: galvanized steel



Model: RB-005SS

Materials: stainless steel



Model: RB-006GS

Materials: galvanized steel



Model: RB-007PE

Materials: HDPE



Model: RB-008PE

Materials: HDPE



Model: RB-009GP

Materials: galvanized steel+plastic

MS™ Foldable Plastic Barricade

Materials body: engineering grade plastic

Reflective sheet: EGP reflective sheet

Color: yellow black



Portable - Foldable - Combinable - Water&sand Injectable - Retroreflective

Part 9. Traffic Cone & Warning Bollard



MS™ Traffic Cone

The most widely used road safety products in the world



Light Reflective

Reflective Band: EGP/ HIP/ DG3/ Reflective Fabric



Flexible & High Elastic



Good for Traffic Light & Signs Installation



Foldable Traffic Cone

Materials: PE
Easy storage



Variety Size

Size: 30/ 45/ 70/ 75/ 90cm(H)



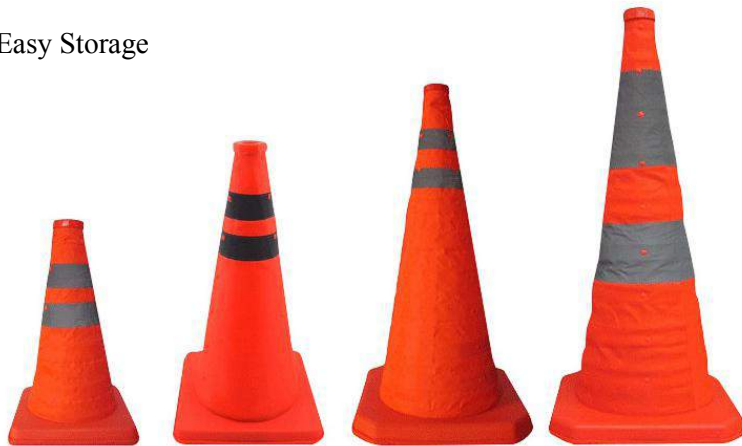
Variety Color & Materials

Materials: PVC/ PU/ EVA/ Rubber
Color: Red/ Yellow/ Blue/ Green



MS™ Foldable Traffic Cone

Easy Storage



Materials:

Fluorescent Orange Oxford Fabric

PP Plastic Base

High Intensity Reflective Fabric

Dimension:

Model	Height(cm)	Base(cm)
PP-30	30	19x19x3
PP-40	40	24x24x3
PP-45	45	24x24x3.7
PP-50	50	24x24x3.7
PP-55	55	31x31x5
PP-70	70	31x31x5

Feature: small volume / easy storage/ low shipping



High Visible at Night

High intensity reflective fabric band

Visible distance up to 300m





MS™ Steel Warning Bollard

Galvanized & powder coated, they are designed to protect property, traffic ways, work areas, machinery, columns, access points, loading bays, roller shutters etc. from collision damage caused by forklift trucks, lorries etc.

Products Description:

These Heavy Duty Steel Protection Bollards are hot-dip galvanised and powder coated and are taller than many other bollards as standard. They are designed to protect property, traffic ways, work areas, machinery, columns, access points, loading bays, roller shutters etc. from collision damage caused by forklift trucks, lorries etc.

Extra tall bollards

For bolting down or concreting in

Galvanised & powder coated as standard

4 standard sizes available

4 Bolts required per bollard for bolt down version

Bolt holes are 13mm Diameter

Can be filled with concrete on site for extra protection



Note:

These Heavy Duty Steel Protection Bollards, if required, have to be filled with concrete before being installed in position



MS™ Plastic Warning Bollard

The most economic and widely used warning post in the world.



PU

PE

PE+RUBBER

PVC

EVA



Model	Size(mm)	Materials
WP-001PU75	750X80X250	PU
WP-002PE75	750X80X200	PE+RUBBER
WP-003PVC50	500x260x200	PVC
WP-003PVC70	700x260x250	PVC
WP-004EVA50	500x260x200	EVA
WP-004EVA80	800x260x250	EVA

* To learn more information, please get in touch with us anytime.

Part 10. Safety Signs



MSTM Safety Signs

Prohibition, Warning, Mandatory, Information

What is Safety Signs?

Safety Signs are required for the safety of personnel using or working in a particular location that has potential hazards. Use of these symbols is a type of administrative hazard prevention and control method. These are simple, easy to understand and meant for informing or reminding personnel about a hazard in the vicinity. They use different colors, shapes, backgrounds, borders and may have written words, phrases or sentences on them. Safety symbols are available on the internet free of charge or by payment. Many of these symbols are standardized and regulated by local laws and various standardization bodies.

International Organization for Standardization ISO 3864-1:2011 is about graphical symbols, safety colors, safety signs and safety markings. American National Standards Institute ANSI Z535 encourages the use of safety symbols that will identify the hazard, outline a way to avoid the hazard and consequences if not avoided. As per ANSI Z535.5 2007, there are 4 types of safety symbols:

- **Hazard Alerting** - Conveys information related to the nature of hazards
- **Mandatory Action** - Conveys actions that should be taken to avoid hazards
- **Prohibition** - Conveys actions that should not be taken
- **Information** - Conveys equipment and safety equipment location and permitted actions



OSHA Safety Signs

Compliant with OSHA, ANSI, ISO, and other standards. Outdoor durability up to 10 years.

- ◆ UV protection
- ◆ Long lasting up to 10 years
- ◆ Weather resistant
- ◆ Rust free
- ◆ Heavy duty
- ◆ Bright colors
- ◆ Water proof
- ◆ Sharp printing
- ◆ Top quality



Outdoor Weather Resistant



Rust Proof



Water Proof



Thank You!

Make sure everybody back home safely



Reference for supply of Signs Posts and Anchors

	Customer	Contract or PO Number	Contact Person	Email or Phone Number	Contract Value
1	City of Chicago	231834	Sean Mulheron	Sean.mulheron@cityofchicago.org	\$3,700,000.00
2	City of Winnipeg	3960	Vic Hucko	204-986-4191 vhucko@winnipeg.ca	\$338,000.00
3	State of Louisiana	2-691509 2-691530 2-691431	Alice Smuth	Phone: 225-379-1463 Email: alice.smith@la.gov	\$91,000.00
4	Clark County Nevada	606494-22	Felecia Frierson	7024557546	\$128,000.00

Michael Edie