

California Department of Transportation

REQUIREMENTS FOR

ALUMINUM SIGNS LAMINATED PANELS FORMED PANELS

ROADSIDE AND OVERHEAD APPLICATIONS

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PREFACE:

1. On September 26, 2006, the California Department of Transportation adopted the California Manual on Uniform Traffic Control Devices (CA MUTCD) as the standard for all official traffic control devices in the State of California.
2. In conformance with the CA MUTCD, this contract references both federal MUTCD and California standard sign codes. The contractor shall produce signs from federal MUTCD sign specifications when the federal MUTCD sign code is referenced. California sign codes are referenced when there is no corresponding federal MUTCD sign code for a particular sign. The contractor shall produce signs from California sign specifications when California sign codes are referenced. Information about where to obtain federal MUTCD and California sign specifications is contained in the special provisions of this contract.
3. **CAUTION:** U.S. Customary units are used in this contract. However, referenced manuals and/or other appurtenant documents could contain Metric only units or dual units (i.e., Metric and U.S. Customary).

1. **ASTM**
American Society for Testing and Materials. Web Address:
<http://www.astm.org>
2. **CALIFORNIA MUTCD**
The 2006 California Manual on Uniform Traffic Control Devices. Web Address:
http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/ca_mutcd.htm
3. **CONTRACTOR**
The person or persons, firm, partnership, corporation, or combination thereof, who have entered into a contract with the State of California.
4. **DOT**
The California Department of Transportation and/or its agents acting within the scope of the particular duties delegated to them.
5. **PLANS**
Plans are standard sign orders, sign/installation orders, sign specification sheets, standard plans, drawings, details, sketches, or reproductions thereof approved by the California Department of Transportation which show the character, dimensions and details of the work to be performed. Plans may be in either Metric or English units of measure or both.
6. **SPECIAL PROVISIONS**
Special provisions for signs of various types produced under this contract.
7. **STANDARD PLANS (U.S. Customary)**
The May 2006 Standard Plans of the California Department of Transportation.
Web Address:
http://www.dot.ca.gov/hq/esc/oe/project_plans/HTM/06_plans_disclaim_US.htm
8. **STANDARD SPECIFICATIONS (U.S. Customary)**
The 2006 Standard Specifications of the California Department of Transportation.
Web Address:
http://www.dot.ca.gov/hq/esc/oe/specs_html/2006_specs.html
9. **STATE**
The State of California and/or its agents acting within the scope of the particular duties delegated to them.
10. **TRANSPORTATION LABORATORY**
The California Department of Transportation Laboratory and/or its agents acting within the scope of the particular duties delegated to them.

The Contractor is expected to have a working knowledge of:

- Parts 2, 3, and 6 of the California MUTCD
- Section 56 "Signs" of the Standard Specifications
- Standard Plans A73A to A73C, RS1 to RS4, and S81 to S95.

Abbreviations Sheet

The following abbreviations are used throughout the contents of this contract:

Abbreviation	Description
(CA)	California coded sign
B	black (when referring to sign color)
Blu	blue (when referring to sign color)
D	depth of sign
G	green (when referring to sign color)
L	length of sign
LC(EM)	lower case Series E Modified lettering
LinFt	linear feet
NUM(E)	Series E numerals
NUM(EM)	Series E Modified numerals
QUANT.	Quantity
SqFt	square feet
UC(E)	upper case Series E lettering
UC(EM)	upper case Series E Modified lettering
W	white (when referring to sign color)
w/	with
Y	yellow (when referring to sign color)

Sheets AA-5 through AA-6 Intentionally Deleted

This AA Price Basis Sheet Section Includes Pages AA-1 through AA-4 and AA-7

Sign Codes shown are Federal MTUCD sign codes (use FHWA Standard Highway Signs book) unless designated as:
(CA) - California Code (use Caltrans Sign Specification Sheets)

The Contractor shall indicate the "Sheeting Type" that will be delivered for each line item.

Signs shall be produced of 0.063 base plate aluminum with retroreflective sheeting background unless otherwise designated.

Where denoted by:

(*) -- Caltrans Districts will furnish appropriate information to the Contractor when ordering signs.

(**) -- Any arrow configuration as requested by Caltrans Districts.

<u>CODE</u>	<u>DESCRIPTION</u>	<u>L X D SIZE (INCHES)</u>	<u>COLOR</u>	<u>SHEETING TYPE</u>	<u>EACH (\$)</u>
D8-1	Weigh Station _ Miles *	96 x 72 1" Laminated Type B	W/G	IV	\$557.03
D8-2	Weigh Station Next Right Open, Closed	108 x 90 1" Laminated Type B	W/G	IV	\$776.77
G79 (CA)	Rest Area _ Miles *	144 x 60 1" Laminated Type B	W/Blu	IV	\$651.07
G80A (CA)	Rest Area w/arrow *	72 x 78 1" Laminated Type B	W/Blu	IV	\$453.62
G79A (CA)	Next Rest _ Miles *	144 x 24 1" Laminated Type B	W/Blu	IV	\$249.97
SG8 (CA)	No Pickups	144 x 30 1" Laminated Type B	W/G	IV	\$348.68

<u>CODE</u>	<u>DESCRIPTION</u>	<u>L X D SIZE (INCHES)</u>	<u>COLOR</u>	<u>SHEETING TYPE</u>	<u>EACH (\$)</u>
SG42-1 (CA)	Single Exit Logo Panel (1 service, 6 logos)	180 x 120 1" Laminated Type B	W/Blu	TYPE II ONLY	\$1,500.35
SG42-2 (CA)	Single Exit Logo Panel (1 service, 3 logos)	180 x 72 1" Laminated Type B	W/Blu	TYPE II ONLY	\$917.05
SG42-3 (CA)	Double Exit Logo Panel (1 service, 3 logos each)	180 x 144 1" Laminated Type B	W/Blu	TYPE II ONLY	\$1,799.15
SG42-6 (CA)	Single Exit Logo Panel (2 services, 2 logos each)	138 x 138 1" Laminated Type B	W/Blu	TYPE II ONLY	\$1,347.60
SG42-7 (CA)	Single Exit Logo Panel (2 services, 1 logo each)	138 x 90 1" Laminated Type B	W/Blu	TYPE II ONLY	\$992.10
SG42-9 (CA)	Single Exit Logo Panel (1 service, 1 logo)	66 x 84 1" Laminated Type B	W/Blu	TYPE II ONLY	\$417.90
SG42-10 (CA)	Single Exit Logo Panel (1 service, 4 logos)	126 x 120 1" Laminated Type B	W/Blu	TYPE II ONLY	\$1,064.25
SG42-11 (CA)	Double Exit Logo Panel (2 services, 2 logos each)	126 x 144 1" Laminated Type B	W/Blu	TYPE II ONLY	\$1,278.10

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(**) -- Any arrow configuration as requested by Caltrans Districts.

<u>CODE</u>	<u>DESCRIPTION</u>	<u>L X D SIZE (INCHES)</u>	<u>COLOR</u>	<u>SHEETING TYPE</u>	<u>EACH (\$)</u>
R87-1 (CA)	Carpools Only _ Or More Persons Per Vehicle *	168 x 70	W/B/W	IV	\$964.05
		1" Laminated Type A			
		192 x 100	W/B/W	IV	\$1,480.35
		1" Laminated Type A			
SR17 (CA)	Trucks Not Given Bypass	144 x 54	B/W	IV	\$546.60
		1" Laminated Type B			
SR50-1 (CA)	Carpool Violation Minimum FINE Sign *	192 x 70	W/B/W	IV	\$1,095.20
		1" Laminated Type A			

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(**) -- Any arrow configuration as requested by Caltrans Districts.

<u>CA CODE</u>	<u>DESCRIPTION</u>	<u>L X D SIZE (INCHES)</u>	<u>COLOR</u>	<u>SHEETING TYPE</u>	<u>EACH (\$)</u>
W61A (CA)	Exit	44 x 20 (Overlay Plate)	B/Y	IV	\$36.45
W61B (CA)	Only	44 x 20 (Overlay Plate)	B/Y	IV	\$36.45
W61C (CA)	Exit Only	84 x 20 (Overlay Plate)	B/Y	IV	\$69.90
W61D (CA)	Exit Only w/Variable Arrow **	126 x 20 (Overlay Plate)	B/Y	IV	\$105.35
W61E (CA)	Exit Only w/Variable Arrows **	192 x 20 (Overlay Plate)	B/Y	IV	\$159.20
W61F (CA)	Only w/Variable Arrow **	84 x 20 (Overlay Plate)	B/Y	IV	\$70.30
W61G (CA)	Only w/Variable Arrows **	192 x 20 (Overlay Plate)	B/Y	IV	\$156.25
W61H (CA)	Variable Arrow **	44 x 20 (Overlay Plate)	B/Y	IV	\$36.95

Retroreflective pressure sensitive sheeting in white, yellow, green, blue, or brown.

SHEETING TYPE	SqFt UNIT PRICE
II	\$2.10
III	\$2.45
IV	\$2.45
VII	\$7.80
VIII	\$6.10
IX	\$7.80

This BB Price Basis Sheet Section Includes Pages BB-1 through BB-14

The State will use unit prices on Group BB sheets to order standard-coded, uncoded, and variable message signs (other than line items shown on sheets AA-1 thru AA-4).

ITEM 1: BASE PANEL

This item covers sign panel with applied retroreflective sheeting background as described below. Unit prices do not include legend. Legend is a separate item.

Sign and Panel Type	Details	Sheeting Type	Price per SqFt
Roadside Sign-Formed	(See Standard Plan S89)	II	\$6.42
Single Sheet Aluminum Panel		III	\$6.62
		IV	\$6.62
		VII	\$9.02
		VIII	\$8.13
		IX	\$8.55
Roadside Laminated Sign	(See Standard Plan S82)	II	\$9.49
Single or Multiple Panel Type B (1" Thick)		III	\$9.69
		IV	\$9.69
		VII	\$11.77
		VIII	\$11.08
		IX	\$11.44
Roadside Laminated Sign	(See Standard Plan S83)	II	\$10.36
Single or Multiple Panel Type B (2-1/2" Thick)		III	\$10.56
		IV	\$10.56
		VII	\$12.25
		VIII	\$11.42
		IX	\$11.75
Roadside Laminated Sign	(See Standard Plan S84)	II	\$10.51
Single or Multiple Panel Type H (2-1/2" Thick)		III	\$10.71
		IV	\$10.71
		VII	\$12.79
		VIII	\$12.10
		IX	\$12.46
Overhead Sign Formed	(See Standard Plan S92)	IV	\$6.49
Sign Panel		VII	\$8.59
		VIII	\$7.74
		IX	\$8.14
Overhead Laminated Sign	(See Standard Plan S81)	IV	\$10.13
Single or Multiple Panel Type A (1" Thick)		VII	\$11.54
		VIII	\$10.82
		IX	\$11.08

ITEM 2: ALUMINUM OVERLAY PLATE

This item covers aluminum substrate with applied retroreflective sheeting background. Unit prices do not include legend. Legend is a separate item.

Overlay - 0.063" Aluminum	Price per SqFt
Type II Retroreflective Sheeting Background	\$6.95
Type III Retroreflective Sheeting Background	\$7.60
Type IV Retroreflective Sheeting Background	\$4.75
Type VII Retroreflective Sheeting Background	\$7.80
Type VIII Retroreflective Sheeting Background	\$6.65
Type IX Retroreflective Sheeting Background	\$7.20

ITEM 3: FLUORESCENT ORANGE RETROREFLECTIVE SHEETING

	Additional Price per SqFt
Additional cost for signs with Type IV, VII, and VIII sheeting under ITEM 1 and ITEM 2.	\$2.00

ITEM 4: PROTECTIVE OVERLAY - APPLIED

	Price per SqFt
Standard Film	\$1.28
Premium Film	\$2.10

ITEM 5: HOLE PUNCHING

	Unit Price (each)
Used for Overlay Plate (details for hole spacing provided with order)	\$5.00

ITEM 6: MOUNTING HARDWARE

Overhead Laminated Type A Panel		Price per Unit
Type A-1	Truss and Lightweight Structures (See Standard Plan S87)	\$2.60
Type A-2	Box Beam Closed Truss, Bridge Mounted and Tubular Sign Structures (See Standard Plan S88)	\$4.55
Overhead Formed Sign Panel		Price per Unit
Type A-3	(See Standard Plan S91)	\$1.08

ITEM 7: TIER RACK

	Unit Price (each)
(See Tier Rack Details)	\$250.00

ITEM 8: APPLIED LEGEND

This item covers applied sign legend used to completed a sign under ITEM 1 or ITEM 2. Applied sign legend includes letters, numerals, miscellaneous characters, tildes, standard arrows, diagramatic arrows, borders and bars, corners, and shields.

A. Letters, Numerals, and Miscellaneous Characters for all Standard Alphabet Series:

Series EM Upper Case Letters or Numerals

Size	White Retroreflective Applied Legend						Black Non-Reflective Applied Legend
	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
24"	\$6.70	\$9.80	\$10.40	\$28.50	\$23.50	\$28.50	\$13.00
20"	\$4.60	\$6.70	\$7.20	\$19.70	\$16.20	\$19.70	\$12.50
16"	\$3.00	\$3.05	\$3.05	\$8.55	\$6.70	\$7.55	\$8.50
13.3"	\$2.70	\$2.30	\$2.30	\$6.40	\$5.00	\$5.70	\$6.50
10.67"	\$2.50	\$6.00	\$6.20	\$8.60	\$7.10	\$8.60	\$6.00
8"	\$2.00	\$0.77	\$0.77	\$2.15	\$1.67	\$1.90	\$5.50
6"	\$1.70	\$1.90	\$2.00	\$2.60	\$2.10	\$2.60	\$5.00

Series EM Lower Case Letters

Size	White Retroreflective Applied Legend						Black Non-Reflective Applied Legend
	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
18"	\$4.60	\$6.80	\$7.30	\$20.00	\$16.50	\$20.00	\$8.50
15"	\$3.30	\$4.80	\$5.10	\$14.00	\$11.60	\$14.00	\$7.50
12"	\$2.50	\$2.00	\$2.00	\$5.55	\$4.35	\$4.90	\$6.50
10"	\$2.30	\$1.40	\$1.40	\$3.90	\$3.05	\$3.45	\$5.75
8"	\$2.00	\$4.00	\$4.50	\$5.70	\$4.70	\$5.70	\$5.50
6"	\$1.80	\$0.52	\$0.52	\$1.45	\$1.15	\$1.30	\$5.00
4.5"	\$1.20	\$1.30	\$1.50	\$2.00	\$1.80	\$2.00	\$4.50

Series E Upper Case Letters or Numerals

Size	White Retroreflective Applied Legend						Black Non-Reflective Applied Legend
	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
18"	\$4.70	\$5.40	\$5.80	\$15.90	\$13.00	\$15.90	\$8.95
15"	\$2.70	\$2.70	\$2.70	\$7.50	\$5.85	\$6.60	\$7.80
13.3"	\$2.65	\$2.30	\$2.30	\$6.40	\$5.00	\$5.70	\$7.50
12"	\$2.60	\$1.80	\$1.80	\$5.80	\$3.95	\$4.50	\$1.65
10"	\$2.50	\$1.20	\$1.20	\$3.25	\$2.55	\$2.90	\$7.00
8"	\$2.40	\$0.77	\$0.77	\$2.15	\$1.67	\$1.90	\$6.50
6"	\$2.30	\$0.45	\$0.45	\$1.25	\$0.96	\$1.10	\$5.75
5"	\$2.00	\$2.50	\$2.75	\$3.00	\$2.90	\$3.00	\$4.00
4"	\$1.80	\$2.30	\$2.50	\$2.80	\$2.70	\$2.80	\$3.30

D. Standard Arrows for Use on Guide Signs:

Design layout for the following arrows are shown in "Figure 2D-2 (CA)" of Appendix A. These standard arrows are generally used on guide signs, although there may be exceptions where standard arrows are needed in other sign categories, such as warning, regulatory, etc. In this case, if a Standard Alphabet Series other than Series E or EM is used, then use the standard arrow sizes as a guide to approximate the arrow that best fits with the sign. "Figure 2D-2 (CA)" can also be found in the California MUTCD.

Standard 1 Line Horizontal, Vertical or Diagonal Arrow:

Letter Size	Arrow Size	White Retroreflective Applied Legend						Black Non-Reflective Applied Legend
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
15" UC(E) or 16" UC(EM)	22 1/4" x 25"	\$11.50	\$7.40	\$7.40	\$20.60	\$16.15	\$18.25	\$11.50
12" UC(E) or 13.3" UC(EM)	18 1/4" x 20"	\$10.75	\$12.15	\$4.85	\$13.50	\$10.60	\$11.95	\$10.75
8" or 10" UC(E), 10.67" UC(EM)	15 1/8" x 17"	\$9.75	\$11.50	\$12.00	\$14.00	\$13.00	\$14.00	\$9.75
6" UC(E) or 8" UC(EM)	11 1/4" x 12 3/4"	\$8.00	\$1.45	\$1.45	\$4.05	\$3.20	\$3.60	\$8.00
6" UC(EM)	8 7/16" x 9 1/2"	\$5.00	\$5.30	\$5.80	\$8.00	\$7.00	\$8.00	\$5.00
5" UC(E)	7 1/16" x 8 1/2"	\$5.00	\$5.30	\$5.80	\$8.00	\$7.00	\$8.00	\$5.00
4" UC(E) or 4" UC(EM)	5 5/8" x 6"	\$4.75	\$5.00	\$5.30	\$6.50	\$5.80	\$6.50	\$4.75

Standard 2 or more Line Horizontal Arrow:

Letter Size	Arrow Size	White Retroreflective Applied Legend						Black Non-Reflective Applied Legend
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
15" UC(E) or 16" UC(EM)	28 1/2" x 25"	\$12.00	\$14.05	\$15.00	\$41.00	\$33.90	\$41.00	\$12.00
10" or 12" UC(E), 13.3" UC(EM)	23 13/16" x 20"	\$11.00	\$13.00	\$14.00	\$27.20	\$22.40	\$27.20	\$11.00
8" UC(E) or 10.67" UC(EM)	18 3/4" x 17"	\$9.30	\$11.00	\$12.00	\$18.10	\$15.00	\$18.10	\$9.30
6" UC(E) or 8" UC(EM)	14 1/4" x 12 3/4"	\$6.00	\$7.50	\$8.30	\$11.80	\$9.80	\$11.80	\$6.00
6" UC(EM)	10 11/16" x 9 1/2"	\$4.00	\$4.50	\$5.30	\$7.00	\$6.30	\$7.00	\$4.00
5" UC(E)	9" x 8 1/2"	\$4.00	\$4.00	\$4.70	\$6.50	\$6.10	\$6.50	\$4.00
4" UC(E) or 4" UC(EM)	7 1/8" x 6"	\$4.00	\$4.00	\$4.70	\$6.50	\$6.10	\$6.50	\$4.00

Standard 2 or more Line Vertical or Diagonal Arrow:

Letter Size	Arrow Size	White Retroreflective Applied Legend						Black Non-Reflective Applied Legend
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
15" UC(E) or 16" UC(EM)	22 1/4" x 35"	\$12.00	\$14.10	\$10.35	\$28.85	\$22.55	\$25.50	\$12.00
10" or 12" UC(E), 13.3" UC(EM)	18 1/4" x 30"	\$11.00	\$13.25	\$14.10	\$27.00	\$22.40	\$27.00	\$11.00
8" UC(E) or 10.67" UC(EM)	15 1/8" x 25"	\$9.30	\$11.00	\$12.10	\$18.00	\$15.00	\$18.00	\$9.30
6" UC(E) or 8" UC(EM)	11 1/4" x 17 3/4"	\$6.00	\$8.00	\$8.30	\$12.00	\$9.70	\$12.00	\$6.00
6" UC(EM)	8 7/16" x 13 1/4"	\$4.00	\$5.00	\$5.30	\$7.00	\$6.30	\$7.00	\$4.00
5" UC(E)	7 1/16" x 11"	\$3.80	\$4.00	\$4.70	\$6.50	\$6.00	\$6.50	\$3.80
4" UC(E) or 4" UC(EM)	5 5/8" x 9 1/8"	\$3.80	\$4.00	\$4.70	\$6.50	\$6.00	\$6.50	\$3.80

Advance Arrow (Left or Right Turn):

Letter Size	Arrow Size	White Retroreflective Applied Legend						Black Non-Reflective Applied Legend
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
6" UC(E) or 8" UC(EM)	13" x 15"	\$5.75	\$6.80	\$7.20	\$11.30	\$9.30	\$11.30	\$5.75
6" UC(EM)	9 3/4" x 11 1/4"	\$5.00	\$5.30	\$6.00	\$9.00	\$7.40	\$9.00	\$5.00

Vertical Down Arrow:

Letter Size	Arrow Size	White Retroreflective Applied Legend						Black Non-Reflective Applied Legend
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
N/A	32" x 22"	\$16.00	\$19.00	\$20.50	\$32.00	\$26.50	\$32.00	\$4.15
N/A	24" x 16 1/2"	\$9.00	\$11.00	\$12.00	\$16.00	\$15.00	\$16.00	\$9.00

E. Diagrammatic Arrow Symbols - Applied:

- Type II Retroreflective Sheeting
- Type III Retroreflective Sheeting
- Type IV Retroreflective Sheeting
- Type VII Retroreflective Sheeting
- Type VIII Retroreflective Sheeting
- Type IX Retroreflective Sheeting

Price per SqFt

\$18.00
\$24.00
\$28.00
\$34.00
\$32.00
\$34.00

EXAMPLE:



Do not bid on this sign configuration.

Sign example illustrates the use of a diagrammatic arrow symbol, and is an EXAMPLE ONLY.

F. Borders and Bars:

Width	White Retroreflective Applied Legend						Black Non-Reflective Applied Legend
	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
3/4"	\$0.50	\$0.55	\$0.55	\$0.75	\$0.65	\$0.75	\$0.50
1"	\$0.75	\$0.80	\$0.80	\$1.10	\$1.00	\$1.10	\$0.75
1 1/4"	\$0.75	\$0.20	\$0.20	\$0.56	\$0.44	\$0.50	\$0.75
1 1/2"	\$0.80	\$0.24	\$0.24	\$0.67	\$0.53	\$0.59	\$0.80
2"	\$1.45	\$0.32	\$0.32	\$0.90	\$0.70	\$0.80	\$1.45
2 1/2"	\$1.65	\$1.80	\$1.80	\$2.20	\$2.10	\$2.20	\$1.65

G. Corners:

Radius	Width	White Retroreflective Applied Legend						Black Non-Reflective Applied Legend
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
3"	3/4"	\$0.50	\$0.55	\$0.55	\$0.80	\$0.65	\$0.80	\$0.50
3"	1"	\$0.50	\$0.55	\$0.55	\$0.80	\$0.65	\$0.80	\$0.50
6"	1"	\$0.80	\$1.00	\$1.05	\$2.15	\$2.00	\$2.15	\$0.80
3"	1 1/4"	\$0.50	\$0.14	\$0.14	\$0.37	\$0.30	\$0.33	\$0.50
6"	1 1/4"	\$0.80	\$1.10	\$1.10	\$2.15	\$2.00	\$2.15	\$0.80
9"	1 1/4"	\$1.25	\$1.45	\$1.45	\$3.02	\$2.50	\$3.02	\$1.25
3"	1 1/2"	\$0.50	\$0.16	\$0.16	\$0.43	\$0.34	\$0.38	\$0.50
6"	1 1/2"	\$0.50	\$1.10	\$1.10	\$2.15	\$2.00	\$2.15	\$0.50
9"	1 1/2"	\$0.50	\$0.44	\$0.44	\$1.40	\$0.96	\$1.10	\$0.50
5" or 6"	2"	\$1.20	\$1.40	\$0.36	\$1.00	\$0.80	\$0.90	\$1.20
9"	2"	\$1.35	\$1.60	\$1.60	\$3.20	\$2.70	\$3.20	\$1.35
12"	2"	\$2.10	\$0.71	\$0.71	\$2.00	\$1.55	\$1.75	\$2.10
6"	2 1/2"	\$1.20	\$1.35	\$1.40	\$3.00	\$2.40	\$3.00	\$1.20
9"	2 1/2"	\$1.50	\$1.60	\$1.60	\$3.20	\$2.70	\$3.20	\$1.50
12"	2 1/2"	\$2.00	\$2.30	\$2.30	\$3.90	\$3.40	\$3.90	\$2.00

H. Shields (Complete with Legend) - Applied:

G26-1 (CA) U.S. Route Shield for Guide Signs - Applied:

Shield Size	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)
11 5/8" x 10" w/ 4" numerals	\$5.50	\$6.00	\$6.30	\$12.00	\$9.50	\$12.00
15" x 10" w/ 4" numerals	\$5.50	\$6.00	\$6.30	\$12.00	\$9.50	\$12.00
21" x 18" w/ 8" numerals	\$9.00	\$9.50	\$9.50	\$22.35	\$17.50	\$22.35
27" x 18" w/ 8" numerals	\$9.50	\$10.00	\$10.00	\$28.80	\$22.50	\$28.80
28" x 24" w/ 10" numerals	\$11.00	\$13.50	\$13.50	\$39.50	\$31.75	\$39.50
35" x 30" w/ 12" numerals	\$18.80	\$21.00	\$21.00	\$62.00	\$49.00	\$62.00
36" x 24" w/ 10" numerals	\$16.00	\$17.00	\$17.00	\$53.00	\$40.00	\$53.00
42" x 36" w/ 15" numerals	\$26.00	\$30.50	\$30.50	\$89.00	\$70.50	\$89.00
45" x 30" w/ 12" numerals	\$23.50	\$35.00	\$18.20	\$50.75	\$39.70	\$44.90
49" x 42" w/ 18" numerals	\$35.80	\$41.00	\$41.00	\$121.00	\$95.00	\$121.00
54" x 36" w/ 15" numerals	\$33.75	\$46.00	\$26.15	\$73.00	\$57.10	\$64.55
63" x 42" w/ 18" numerals	\$46.00	\$53.00	\$53.00	\$156.00	\$123.00	\$156.00

M1-1 (Federal sign code) Interstate Route Shield for Guide Signs - Applied:

Shield Size	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)
24" x 24" w/ 10" numerals	\$11.00	\$13.50	\$15.50	\$39.50	\$31.00	\$39.50
36" x 36" w/ 15" numerals	\$23.00	\$31.40	\$31.40	\$61.00	\$38.15	\$43.15
48" x 48" w/ 20" numerals	\$42.00	\$48.15	\$56.00	\$63.00	\$109.00	\$63.00
60" x 48" w/20" numerals	\$65.00	\$69.00	\$69.00	\$153.00	\$131.00	\$153.00

G27-1 (CA) Interstate Route Shield for Guide Signs - Applied:

Shield Size	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)
14" x 12" w/ 4" numerals	\$6.50	\$7.00	\$7.25	\$13.00	\$10.50	\$13.00
16" x 14" w/ 4" numerals	\$8.50	\$9.00	\$9.25	\$20.00	\$16.00	\$20.00
21" x 18" w/ 6" or 8" numerals	\$9.50	\$9.30	\$9.30	\$18.05	\$11.30	\$12.75
30" x 25" w/ 10" numerals	\$14.00	\$16.00	\$18.50	\$45.00	\$36.00	\$45.00
45" x 38" w/ 15" numerals	\$31.00	\$35.00	\$41.00	\$104.00	\$80.00	\$104.00
58" x 51" w/ 18" numerals	\$54.50	\$62.20	\$71.50	\$180.00	\$138.00	\$180.00

G28-1 (CA) State Route Shield for Guide Signs - Applied:

Shield Size	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)
10 1/2" x 9" w/ 4" numerals	\$5.50	\$6.00	\$6.00	\$12.00	\$9.50	\$12.00
15" x 11" w/ 4" numerals	\$5.50	\$6.00	\$6.00	\$12.00	\$9.50	\$12.00
21" x 18" w/ 8" numerals	\$8.50	\$5.20	\$5.20	\$14.40	\$11.30	\$12.75
24" x 18" w/ 8" numerals	\$9.50	\$10.00	\$10.00	\$25.00	\$18.50	\$25.00
28" x 25" w/ 10" numerals	\$11.00	\$13.50	\$13.50	\$39.00	\$31.00	\$39.00
32" x 25" w/ 10" numerals	\$15.00	\$17.00	\$17.00	\$51.00	\$40.00	\$51.00
35" x 32" w/ 12" numerals	\$20.00	\$23.00	\$23.00	\$68.00	\$53.50	\$68.00
36" x 36" w/ 15" numerals	\$22.50	\$30.00	\$30.00	\$70.00	\$67.00	\$70.00
40" x 32" w/ 12" numerals	\$22.50	\$32.00	\$17.25	\$48.15	\$37.65	\$42.60
42" x 42" w/ 18" numerals	\$30.00	\$35.00	\$35.00	\$104.00	\$82.00	\$104.00
45" x 36" w/ 15" numerals	\$28.25	\$32.50	\$32.50	\$96.00	\$75.00	\$96.00
54" x 42" w/ 18" numerals	\$39.00	\$45.00	\$45.00	\$134.00	\$105.00	\$134.00

M1-2 (Federal sign code) Off-Interstate Business Loop Marker- Applied:

Shield Size	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)
24" x 24" w/ 10" numerals	\$10.00	\$13.00	\$13.00	\$39.00	\$31.00	\$39.00
30" x 24" w/ 10" numerals	\$13.00	\$15.00	\$15.00	\$44.00	\$35.00	\$44.00
36" x 36" w/ 15" numerals	\$22.50	\$28.00	\$28.00	\$87.00	\$68.00	\$87.00
45" x 36" w/ 15" numerals	\$31.00	\$34.00	\$34.00	\$103.00	\$79.50	\$103.00
48" x 48" w/ 20" numerals	\$41.00	\$47.00	\$47.00	\$139.00	\$108.00	\$139.00
60" x 48" w/ 20" numerals	\$54.00	\$61.00	\$61.00	\$179.00	\$139.00	\$179.00

ITEM 9: UNAPPLIED LEGEND

This item covers orders for unapplied sign legend. Unapplied sign legend includes letters, numerals, miscellaneous characters, tildes, standard arrows, diagramatic arrows, borders and bars, corners, and shields. Unit prices for unapplied legend shall not be more than corresponding unit prices shown in ITEM 8 for applied legend.

A. Letters, Numerals, and Miscellaneous Characters for all Standard Alphabet Series:

Series EM Upper Case Letters or Numerals

Size	White Retroreflective Unapplied Legend						Black Non-Reflective Unapplied Legend
	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
24"	\$3.50	\$4.75	\$5.25	\$14.00	\$12.00	\$14.00	\$7.00
20"	\$2.50	\$3.50	\$3.50	\$9.75	\$9.00	\$9.75	\$6.50
16"	\$1.50	\$3.25	\$3.25	\$9.00	\$8.75	\$9.00	\$4.50
13.3"	\$1.50	\$3.20	\$3.20	\$9.00	\$8.50	\$9.00	\$3.25
10.67"	\$1.50	\$3.00	\$3.15	\$4.50	\$3.75	\$4.50	\$3.00
8"	\$1.00	\$1.00	\$1.00	\$1.50	\$3.50	\$1.50	\$2.75
6"	\$1.00	\$1.00	\$1.00	\$1.50	\$1.50	\$1.50	\$2.75

Series EM Lower Case Letters

Size	White Retroreflective Unapplied Legend						Black Non-Reflective Unapplied Legend
	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
18"	\$3.50	\$3.50	\$3.65	\$10.00	\$8.50	\$10.00	\$4.25
15"	\$1.75	\$2.50	\$2.50	\$7.00	\$6.00	\$7.00	\$3.75
12"	\$1.50	\$2.25	\$2.40	\$6.50	\$5.50	\$6.50	\$3.25
10"	\$1.25	\$2.25	\$2.30	\$6.00	\$4.50	\$6.00	\$3.00
8"	\$1.25	\$2.00	\$2.25	\$3.00	\$2.50	\$3.00	\$2.75
6"	\$1.25	\$1.75	\$2.15	\$2.75	\$2.00	\$2.75	\$2.50
4.5"	\$1.00	\$1.00	\$1.00	\$1.50	\$1.25	\$1.50	\$2.25

Series E Upper Case Letters or Numerals

Size	White Retroreflective Unapplied Legend						Black Non-Reflective Unapplied Legend
	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
18"	\$2.50	\$2.75	\$3.00	\$8.00	\$6.50	\$8.00	\$4.50
15"	\$1.50	\$2.50	\$2.90	\$7.50	\$6.00	\$7.50	\$4.00
13.3"	\$1.40	\$2.50	\$2.60	\$6.25	\$5.50	\$6.25	\$3.75
12"	\$1.35	\$2.40	\$2.50	\$6.00	\$5.00	\$6.00	\$3.75
10"	\$1.25	\$2.30	\$2.40	\$5.75	\$4.75	\$5.75	\$3.50
8"	\$1.20	\$2.20	\$2.30	\$5.50	\$4.50	\$5.50	\$3.25
6"	\$1.10	\$2.10	\$2.20	\$5.25	\$4.00	\$5.25	\$3.00
5"	\$1.00	\$1.25	\$1.50	\$1.90	\$1.75	\$1.90	\$2.00
4"	\$1.00	\$1.25	\$1.50	\$1.90	\$1.75	\$1.90	\$1.75

D. Standard Arrow for Use on Guide Signs:

Design layout for the following arrows are shown in "Figure 2D-2 (CA)" of Appendix A. These standard arrows are generally used on guide signs, although there may be exceptions where standard arrows are needed in other sign categories, such as warning, regulatory, etc. In this case, if a Standard Alphabet Series other than Series E or EM is used, then use the standard arrow sizes as a guide to approximate the arrow that best fits with the sign. "Figure 2D-2 (CA)" can also be found in the California MUTCD.

Standard 1 Line Horizontal, Vertical or Diagonal Arrow:

Letter Size	Arrow Size	White Retroreflective Unapplied Legend					Black Non-Reflective Unapplied Legend	
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
15" UC(E) or 16" UC(EM)	22 1/4" x 25"	\$5.75	\$6.50	\$6.50	\$8.50	\$7.75	\$8.50	\$5.75
12" UC(E) or 13.3" UC(EM)	18 1/4" x 20"	\$5.50	\$6.10	\$6.10	\$8.30	\$7.50	\$8.30	\$5.50
8" or 10" UC(E), 10.67" UC(EM)	15 1/8" x 17"	\$4.85	\$5.75	\$5.75	\$7.00	\$7.25	\$7.00	\$4.85
6" UC(E) or 8" UC(EM)	11 1/4" x 12 3/4"	\$4.60	\$4.75	\$4.75	\$6.75	\$6.50	\$6.75	\$4.60
6" UC(EM)	8 7/16" x 9 1/2"	\$2.75	\$2.75	\$2.75	\$4.00	\$3.50	\$4.00	\$2.75
5" UC(E)	7 1/16" x 8 1/2"	\$2.75	\$2.75	\$2.75	\$4.00	\$3.50	\$4.00	\$2.75
4" UC(E) or 4" UC(EM)	5 5/8" x 6"	\$2.50	\$2.50	\$2.50	\$3.25	\$2.85	\$3.25	\$2.50

Standard 2 or more Line Horizontal Arrow:

Letter Size	Arrow Size	White Retroreflective Unapplied Legend					Black Non-Reflective Unapplied Legend	
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
15" UC(E) or 16" UC(EM)	28 1/2" x 25"	\$6.00	\$7.00	\$7.50	\$20.50	\$17.00	\$20.50	\$6.00
10" or 12" UC(E), 13.3" UC(EM)	23 13/16" x 20"	\$5.50	\$6.50	\$7.00	\$13.00	\$11.00	\$13.50	\$5.50
8" UC(E) or 10.67" UC(EM)	18 3/4" x 17"	\$4.75	\$5.50	\$6.00	\$9.00	\$7.50	\$9.00	\$4.75
6" UC(E) or 8" UC(EM)	14 1/4" x 12 3/4"	\$3.00	\$3.75	\$4.15	\$5.75	\$4.75	\$5.75	\$3.00
6" UC(EM)	10 11/16" x 9 1/2"	\$2.00	\$2.25	\$2.65	\$3.50	\$3.25	\$3.50	\$2.00
5" UC(E)	9" x 8 1/2"	\$2.00	\$2.00	\$2.35	\$3.25	\$3.00	\$3.25	\$2.00
4" UC(E) or 4" UC(EM)	7 1/8" x 6"	\$2.00	\$2.00	\$2.35	\$3.25	\$3.00	\$3.25	\$2.00

Standard 2 or more Line Vertical or Diagonal Arrow:

Letter Size	Arrow Size	White Retroreflective Unapplied Legend					Black Non-Reflective Unapplied Legend	
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
15" UC(E) or 16" UC(EM)	22 1/4" x 35"	\$6.00	\$7.05	\$8.05	\$13.50	\$12.50	\$13.50	\$6.00
10" or 12" UC(E), 13.3" UC(EM)	18 1/4" x 30"	\$5.50	\$6.75	\$7.00	\$13.00	\$11.25	\$13.00	\$5.50
8" UC(E) or 10.67" UC(EM)	15 1/8" x 25"	\$4.75	\$5.50	\$6.00	\$9.00	\$7.50	\$9.00	\$4.75
6" UC(E) or 8" UC(EM)	11 1/4" x 17 3/4"	\$3.00	\$4.00	\$4.25	\$6.00	\$4.75	\$6.00	\$3.00
6" UC(EM)	8 7/16" x 13 1/4"	\$2.00	\$2.50	\$2.75	\$3.50	\$3.15	\$3.50	\$2.00
5" UC(E)	7 1/16" x 11"	\$1.75	\$2.00	\$2.25	\$3.25	\$3.00	\$3.25	\$1.75
4" UC(E) or 4" UC(EM)	5 5/8" x 9 1/8"	\$1.75	\$2.00	\$2.25	\$3.25	\$3.00	\$3.25	\$1.75

Advance Arrow (Left or Right Turn):

	Arrow Size	White Retroreflective Unapplied Legend					Black Non-Reflective Unapplied Legend	
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
6" UC(E) or 8" UC(EM)	13" x 15"	\$2.75	\$3.40	\$3.60	\$5.75	\$4.75	\$5.75	\$2.85
6" UC(EM)	9 3/4" x 11 1/4"	\$2.50	\$2.75	\$3.00	\$4.50	\$3.70	\$4.50	\$2.50

Vertical Down Arrow:

	Arrow Size	White Retroreflective Unapplied Legend					Black Non-Reflective Unapplied Legend	
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
N/A	32" x 22"	\$8.00	\$9.50	\$10.25	\$16.00	\$13.25	\$16.00	\$8.00
N/A	24" x 16 1/2"	\$4.50	\$5.50	\$6.00	\$8.00	\$7.50	\$8.00	\$4.50

E. Diagrammatic Arrow Symbols - Unapplied:

- Type II Retroreflective Sheeting
- Type III Retroreflective Sheeting
- Type IV Retroreflective Sheeting
- Type VII Retroreflective Sheeting
- Type VIII Retroreflective Sheeting
- Type IX Retroreflective Sheeting

Price per SqFt

\$18.00
\$24.00
\$28.00
\$34.00
\$32.00
\$34.00

EXAMPLE:



Do not bid on this sign configuration.

Sign example illustrates the use of a diagrammatic arrow symbol, and is an EXAMPLE ONLY.

F. Borders and Bars:

Width	White Retroreflective Unapplied Legend						Black Non-Reflective Unapplied Legend
	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
3/4"	\$0.50	\$0.55	\$0.55	\$0.75	\$0.65	\$0.75	\$0.50
1"	\$0.75	\$0.80	\$0.80	\$1.10	\$1.00	\$1.10	\$0.75
1 1/4"	\$0.75	\$0.80	\$0.80	\$1.10	\$1.00	\$1.10	\$0.75
1 1/2"	\$0.80	\$0.85	\$0.85	\$1.15	\$1.10	\$1.15	\$0.80
2"	\$1.45	\$1.55	\$1.55	\$2.00	\$1.85	\$2.00	\$1.45
2 1/2"	\$1.65	\$1.80	\$1.80	\$2.20	\$2.10	\$2.20	\$1.65

G. Corners:

Radius	Width	White Retroreflective Unapplied Legend						Black Non-Reflective Unapplied Legend
		Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)	(each)
3"	3/4"	\$0.50	\$0.55	\$0.55	\$0.80	\$0.65	\$0.80	\$0.50
3"	1"	\$0.50	\$0.55	\$0.55	\$0.80	\$0.65	\$0.80	\$0.50
6"	1"	\$0.80	\$1.00	\$1.05	\$2.15	\$2.00	\$2.15	\$0.80
3"	1 1/4"	\$0.50	\$1.00	\$0.75	\$1.00	\$1.50	\$1.00	\$0.50
6"	1 1/4"	\$0.80	\$1.10	\$1.10	\$2.15	\$2.00	\$2.15	\$0.80
9"	1 1/4"	\$1.25	\$1.45	\$1.45	\$3.02	\$2.50	\$3.02	\$1.25
3"	1 1/2"	\$0.50	\$1.10	\$1.10	\$1.25	\$1.50	\$1.25	\$0.50
6"	1 1/2"	\$0.50	\$1.10	\$1.10	\$2.15	\$2.00	\$2.15	\$0.50
9"	1 1/2"	\$0.50	\$1.45	\$1.45	\$3.00	\$2.75	\$3.00	\$0.50
5" or 6"	2"	\$1.20	\$1.40	\$1.40	\$3.00	\$2.75	\$3.00	\$1.20
9"	2"	\$1.35	\$1.60	\$1.60	\$3.20	\$2.70	\$3.20	\$1.35
12"	2"	\$2.10	\$2.25	\$2.25	\$3.50	\$3.40	\$3.50	\$2.10
6"	2 1/2"	\$1.20	\$1.35	\$1.40	\$3.00	\$2.40	\$3.00	\$1.20
9"	2 1/2"	\$1.50	\$1.60	\$1.60	\$3.20	\$2.70	\$3.20	\$1.50
12"	2 1/2"	\$2.00	\$2.30	\$2.30	\$3.90	\$3.40	\$3.90	\$2.00

H. Shields (Complete with Legend) - Unapplied:

G26-1 (CA) U.S. Route Shield for Guide Signs - Unapplied:

Shield Size	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)
11 5/8" x 10" w/ 4" numerals	\$5.50	\$6.00	\$6.00	\$12.00	\$9.50	\$12.00
15" x 10" w/ 4" numerals	\$5.50	\$6.00	\$6.00	\$12.00	\$9.50	\$12.00
21" x 18" w/ 8" numerals	\$9.00	\$9.50	\$9.50	\$22.35	\$17.50	\$22.35
27" x 18" w/ 8" numerals	\$9.50	\$10.00	\$10.00	\$28.80	\$22.50	\$28.80
28" x 24" w/ 10" numerals	\$11.00	\$13.50	\$13.50	\$39.50	\$31.75	\$39.50
35" x 30" w/ 12" numerals	\$18.80	\$21.00	\$21.00	\$62.00	\$49.00	\$62.00
36" x 24" w/ 10" numerals	\$16.00	\$17.00	\$17.00	\$53.00	\$40.00	\$53.00
42" x 36" w/ 15" numerals	\$26.00	\$30.50	\$30.50	\$89.00	\$70.50	\$89.00
45" x 30" w/ 12" numerals	\$23.50	\$35.00	\$35.00	\$95.00	\$79.50	\$95.00
49" x 42" w/ 18" numerals	\$35.80	\$41.00	\$41.00	\$121.00	\$95.00	\$121.00
54" x 36" w/ 15" numerals	\$33.75	\$46.00	\$46.00	\$112.00	\$101.00	\$112.00
63" x 42" w/ 18" numerals	\$46.00	\$53.00	\$53.00	\$156.00	\$123.00	\$156.00

M1-1 (Federal sign code) Interstate Route Shield for Guide Signs - Unapplied:

Shield Size	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)
24" x 24" w/ 10" numerals	\$11.00	\$13.50	\$15.50	\$39.50	\$31.00	\$39.50
36" x 36" w/ 15" numerals	\$23.00	\$27.00	\$28.00	\$50.00	\$46.00	\$50.00
48" x 48" w/ 20" numerals	\$42.00	\$48.00	\$56.00	\$63.00	\$109.00	\$63.00
60" x 48" w/20" numerals	\$65.00	\$69.00	\$69.00	\$153.00	\$131.00	\$153.00

G27-1 (CA) Interstate Route Shield for Guide Signs - Unapplied:

Shield Size	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)
14" x 12" w/ 4" numerals	\$6.50	\$7.00	\$7.25	\$13.00	\$10.50	\$13.00
16" x 14" w/ 4" numerals	\$8.50	\$9.00	\$9.25	\$20.00	\$16.00	\$20.00
21" x 18" w/ 6" or 8" numerals	\$9.50	\$14.00	\$15.00	\$37.00	\$35.00	\$37.00
30" x 25" w/ 10" numerals	\$14.00	\$16.00	\$18.50	\$45.00	\$36.00	\$45.00
45" x 38" w/ 15" numerals	\$31.00	\$35.00	\$41.00	\$104.00	\$80.00	\$104.00
58" x 51" w/ 18" numerals	\$54.50	\$62.20	\$71.50	\$180.00	\$138.00	\$180.00

G28-1 (CA) State Route Shield for Guide Signs - Unapplied:

Shield Size	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)
10 1/2" x 9" w/ 4" numerals	\$5.50	\$6.00	\$6.00	\$12.00	\$9.50	\$12.00
15" x 11" w/ 4" numerals	\$5.50	\$6.00	\$6.00	\$12.00	\$9.50	\$12.00
21" x 18" w/ 8" numerals	\$8.50	\$7.00	\$7.00	\$18.00	\$14.00	\$18.00
24" x 18" w/ 8" numerals	\$9.50	\$10.00	\$10.00	\$25.00	\$18.50	\$25.00
28" x 25" w/ 10" numerals	\$11.00	\$13.50	\$13.50	\$39.00	\$31.00	\$39.00
32" x 25" w/ 10" numerals	\$15.00	\$17.00	\$17.00	\$51.00	\$40.00	\$51.00
35" x 32" w/ 12" numerals	\$20.00	\$23.00	\$23.00	\$68.00	\$53.50	\$68.00
36" x 36" w/ 15" numerals	\$22.50	\$30.00	\$30.00	\$70.00	\$67.00	\$70.00
40" x 32" w/ 12" numerals	\$22.50	\$32.00	\$32.00	\$75.00	\$73.00	\$75.00
42" x 42" w/ 18" numerals	\$30.00	\$35.00	\$35.00	\$104.00	\$82.00	\$104.00
45" x 36" w/ 15" numerals	\$28.25	\$32.50	\$32.50	\$96.00	\$75.00	\$96.00
54" x 42" w/ 18" numerals	\$39.00	\$45.00	\$45.00	\$134.00	\$105.00	\$134.00

M1-2 (Federal sign code) Off-Interstate Business Loop Marker- Unapplied:

Shield Size	Type II (each)	Type III (each)	Type IV (each)	Type VII (each)	Type VIII (each)	Type IX (each)
24" x 24" w/ 10" numerals	\$10.00	\$13.00	\$13.00	\$39.00	\$31.00	\$39.00
30" x 24" w/ 10" numerals	\$13.00	\$15.00	\$15.00	\$44.00	\$35.00	\$44.00
36" x 36" w/ 15" numerals	\$22.50	\$28.00	\$28.00	\$87.00	\$68.00	\$87.00
45" x 36" w/ 15" numerals	\$31.00	\$34.00	\$34.00	\$103.00	\$79.50	\$103.00
48" x 48" w/ 20" numerals	\$41.00	\$47.00	\$47.00	\$139.00	\$108.00	\$139.00
60" x 48" w/ 20" numerals	\$54.00	\$61.00	\$61.00	\$179.00	\$139.00	\$179.00

Contents

- I. GENERAL PROVISIONS**
- II. QUALITY CONTROL**
- III. SHEET ALUMINUM**
- IV. RETROREFLECTIVE SHEETING**
- V. PROCESS COLOR AND FILM**
- VI. LAMINATED PANEL**
- VII. FORMED PANEL**

I. GENERAL PROVISIONS

Signs shall be fabricated and furnished in accordance with details shown on the plans, the Traffic Sign Specifications, and these special provisions.

Traffic Sign Specifications for California sign codes are available for review at:

<http://www.dot.ca.gov/hq/traffops/signtech/signdel/specs.htm>

Traffic Sign Specifications for signs referenced with Federal MUTCD sign codes can be found in Standard Highway Signs Book, administered by the Federal Highway Administration, which is available for review at:

http://mutcd.fhwa.dot.gov/ser-shs_millennium.htm

Information on cross-referencing California sign codes with the Federal MUTCD sign codes is available at:

<http://www.dot.ca.gov/hq/traffops/signtech/signdel/specs.htm>

Temporary or permanent signs shall be free from blemishes that may affect the serviceability and detract from the general sign color and appearance when viewing during daytime and nighttime from a distance of 25 feet. The face of each finished sign shall be uniform, flat, smooth, and free of defects, scratches, wrinkles, gel, hard spots, streaks, extrusion marks, and air bubbles. The front, back, and edges of the sign panels shall be free of router chatter marks, burns, sharp edges, loose rivets, delaminated skins, excessive adhesive over spray and aluminum marks.

II. QUALITY CONTROL

No later than 14 days before sign fabrication, the Contractor shall submit a written copy of its quality control plan for signs to the Transportation Laboratory, Materials Engineering and Testing Services (METS), Telephone (916) 227-7291. METS will have 10 working days to review the quality control plan. Sign fabrication shall not begin until METS approves the Contractor's quality control plan in writing. The Contractor shall submit to METS at least 3 copies of the approved quality control plan. The quality control plan shall include, but not be limited to the following requirements:

- A. Identification of the party responsible for quality control of signs,
- B. Basis of acceptance for incoming raw materials at the fabrication facility,
- C. Type, method and frequency of quality control testing at the fabrication facility,
- D. List (by manufacturer and product name) of process colors, protective overlay film, retroreflective sheeting and black non-reflective film,
- E. Recommended cleaning procedure for each product, and
- F. Method of packaging, transport and storage for signs.

No legend shall be installed at the project site. Legend shall include letters, numerals, tildes, bars, arrows, route shields, symbols, logos, borders, artwork, and miscellaneous characters. The style, font, size, and spacing of the legend shall conform to the Standard Alphabets published in the FHWA Standard Highway Signs Book. The legend shall be oriented in the same direction in accordance with the manufacturer's orientation marks found on the retroreflective sheeting.

On multiple panel signs, legend shall be placed across joints without affecting the size, shape, spacing, and appearance of the legend. Background and legend shall be wrapped around interior edges of formed panel signs as shown on plans to prevent delamination.

The following notation shall be placed on the lower right side of the back of each sign where the notation will not be blocked by the sign post or frame:

- A. PROPERTY OF STATE OF CALIFORNIA,
- B. Name of the sign manufacturer,
- C. Month and year of fabrication,
- D. Type of retroreflective sheeting, and
- E. Manufacturer's identification and lot number of retroreflective sheeting.

The above notation shall be applied directly to the aluminum sign panels in 1/4-inch upper case letters and numerals by die-stamp and applied by similar method to the fiberglass reinforced plastic signs. Painting, screening, or engraving the notation will not be allowed. The notation shall be applied without damaging the finish of the sign.

Signs with a protective overlay film shall be marked with a dot of 3/8 inch in diameter. The dot placed on white border shall be black, while the dot placed on black border shall be white. The dot shall be placed on the lower border of the sign before application of the protective overlay film and shall not be placed over the legend and bolt holes. The manufacturer of the signs shall determine the application method and exact location of the dot.

For sign panels that have a minor dimension of 48 inches or less, no splice will be allowed in the retroreflective sheet except for the splice produced during the manufacturing of the retroreflective sheeting. For sign panels that have a minor dimension greater than 48 inches, only one horizontal splice will be allowed in the retroreflective sheeting.

Unless specified by the manufacturer of the retroreflective sheeting, splices in retroreflective sheeting shall overlap by a minimum of one inch. Splices shall not be placed within 2 inches from edges of the panels. Except at the horizontal borders, the splices shall overlap in the direction from top to bottom of the sign to prevent moisture penetration. The retroreflective sheeting at the overlap shall not exhibit a color difference under the incident and reflected light.

Signs exhibiting a significant color difference between daytime and nighttime shall be replaced at the Contractor's expense.

Repairing sign panels will not be allowed except when approved by the DOT.

The DOT will inspect signs at the Contractor's facility and delivery location, and in accordance with Section 6, "Control of Materials," of the Standard Specifications. The DOT will inspect signs for damage and defects before and after installation.

Regardless of kind, size, type, or whether delivered by the Contractor or by a common carrier, signs shall be protected by thorough wrapping, tarping, or other methods to ensure that signs are not damaged by weather conditions and during transit. Signs shall be dry during transit and shipped on pallets, in crates, or tier racks. Padding and protective materials shall be placed between signs as appropriate. Finished sign panels shall be transported and stored by method that protects the face of signs from damage. The Contractor shall replace wet, damaged, and defective signs.

Signs shall be stored in dry environment at all times. Signs shall not rest directly on the ground or become wet during storage. Signs, whether stored indoors or outdoor, shall be free standing. In areas of high heat and humidity, signs shall be stored in enclosed climate-controlled trailers or containers. Signs shall be stored indoors if duration of the storage will exceed 30 days.

Screen processed signs shall be protected, transported and stored as recommended by the manufacturer of the retroreflective sheeting.

When requested, the Contractor shall provide the DOT test samples of signs and materials used at various stages of production. Sign samples shall be 12" x 12" in size with applied background, letter or numeral, and border strip.

The Contractor shall assume the costs and responsibilities resulting from the use of patented materials, equipment, devices, and processes for the Contractor's work.

III. SHEET ALUMINUM

Alloy and temper designations for sheet aluminum shall be in accordance with ASTM Designation: B209.

The Contractor shall furnish the DOT a Certificate of Compliance in accordance to Section 6-1.07, "Certificates of Compliance," of the Standard Specifications for the sheet aluminum.

Sheet aluminum shall be pretreated in accordance to ASTM Designation: B449. Surface of the sheet aluminum shall be cleaned, deoxidized, and coated with a light and tightly adherent chromate conversion coating free of powdery residue. The conversion coating shall be Class 2 with a mass between 10 milligrams per square foot to 35 milligrams per square foot, and an average mass of 25 milligrams per square foot. Following the cleaning and coating process, the sheet aluminum shall be protected from exposure to grease, oils, dust, and contaminants.

Sheet aluminum shall be free of buckles, warps, dents, cockles, burrs, and defects resulting from fabrication.

Base plate for standard route marker shall be die cut or other method producing equivalent edge.

IV. RETROREFLECTIVE SHEETING

The Contractor shall furnish retroreflective sheeting for sign background and legend in accordance with ASTM Designation: D4956 and "Prequalified and Tested Signing and Delineation Materials" of these special provisions.

Unless otherwise requested by the DOT, retroreflective sheeting for background and legend shall be matched components from the same manufacturer.

Retroreflective sheeting shall be applied to sign panels as recommended by the retroreflective sheeting manufacturer without stretching, tearing, and damage.

Class 1, 3, or 4 adhesive backing shall be used for Type II, III, IV, VII, VIII, and IX retroreflective sheeting. Class 2 adhesive backing may also be used for Type II retroreflective sheeting. The adhesive backing shall be pressure sensitive and fungus resistant.

When the color of the retroreflective sheeting determined from instrumental testing is in dispute, the DOT's visual test will govern.

V. PROCESS COLOR AND FILM

The Contractor shall furnish and apply screened process color, non-reflective opaque black film, and protective overlay film of the type, kind, and product that are approved by the manufacturer of the retroreflective sheeting.

The Contractor shall furnish the DOT a Certificate of Compliance in accordance to Section 6-1.07, "Certificates of Compliance," of the Standard Specifications for the screened process color, non-reflective opaque black film, and protective overlay film.

The surface of the screened process color shall be flat and smooth. When the screened process colors determined from the instrumental testing in accordance to ASTM Designation: D4956 are in dispute, the DOT's visual test will govern.

The Contractor shall provide patterns, layouts, and set-ups necessary for the screened process.

The Contractor may use green, red, blue, and brown reverse-screened process colors for background and non-reflective opaque black film or black screened process color for legend. The coefficient of retroreflection for reverse-screened process colors on white retroreflective sheeting shall not be less than 70 percent of the coefficient of retroreflection specified in ASTM Designation: D4956.

The screened process colors and non-reflective opaque black film shall have the same outdoor weatherability as that of the retroreflective sheeting.

After curing, screened process colors shall withstand removal when tested by applying 3M Company Scotch Brand Cellophane Tape No. 600 or equivalent tape over the color and removing with one quick motion at 90° angle.

VI. LAMINATED PANEL

Laminated panel signs shall consist of two sheets of aluminum laminated to a honeycomb core and extruded aluminum frame to produce flat and rigid panels of 1-inch or 2¹/₂-inch nominal thickness.

The face of laminated panel signs shall be fabricated from sheet aluminum alloy 6061-T6 or 5052-H38 of 0.063-inch thickness. The back of laminated panel signs shall be fabricated from sheet aluminum alloy 3003-H14 of 0.040-inch thickness. The Contractor shall furnish sheet aluminum as provided in "Sheet Aluminum" of these special provisions.

The core material shall be phenolic impregnated kraft paper honeycomb and fungus resistant in accordance to Military Specification MIL-D-5272. The honeycomb cell size shall be 1/2 inch. Weight of the kraft paper shall be 80-pound and impregnated minimum 18 percent by weight.

A laminating adhesive that can produce a resilient oil and water-resistant bond shall be used to adhere the extruded aluminum frame and the honeycomb core to the sheet aluminum. Edge and interior delamination occur when a 0.010-inch thick feeler gauge of 1/2 inch in length can be inserted into a depth of more than 1/2 inch between the extruded aluminum frame and the sheet aluminum. Laminated panel sign with delamination will be rejected.

Laminated panels shall be able to resist a wind load of 33 pounds per square foot for the following simple span lengths with a bending safety factor of 1.25:

Panel Type	Nominal Panel Thickness	Simple Span Length
A	1 inch	9 feet 0 inch
B	1 inch	9 feet 0 inch
	2 1/2 inch	14 feet 6 inches
H	2 1/2 inch	14 feet 6 inches

The tensile strength of laminated panels shall be at least 20 pounds per square inch when tested in accordance with the following modification and with ASTM Designations: C297 and C481, Cycle B after aging. Instead of spraying with hot water, the specimen shall be totally immersed in 158°F hot water. When requested by the DOT or the Transportation Laboratory, at least one test sample of 12" x 12" in size shall be taken for every 2,000 square feet of the panel production cycle or of the total factory production order, whichever occurs first.

Rivets used to secure the sheet aluminum to the perimeter frame shall be fabricated from aluminum alloy 5052 and anodized or treated with a conversion coating to prevent corrosion. Size of the aluminum rivets shall be 3/16 inch in diameter and placed at the corners of the laminated panels. Color of the exposed portion of the rivets shall be the same color as the sign background or legend on which the rivets are placed. Rivets or stainless steel screws shall be placed in holes drilled during fabrication in the perimeter frame.

On laminated multiple panel signs, a closure H-Section shall be placed in the top channel of the bottom panel. Perimeter frame of adjoining panel shall accommodate the closure H-Section in the closed position.

For signs with a depth of 5 feet 0 inch or less, the laminated panels shall be fabricated with no horizontal joints, splices or seams. For signs with a depth of greater than 5 feet 0 inch, the laminated panels may be fabricated in two panels.

The face of laminated panels shall be flat with a tolerance of $\pm 3/32$ inch per linear foot when measured across the plane of each panel in all directions. Where laminated panels adjoin, the gap between adjoining edges from one corner to the other corner shall not deviate by more than 1/32 inch. Non-adjoining edges from one corner to the other corner shall not deviate by more than 1/8 inch from a straight plane. The front and back sheet aluminum shall be flush with the perimeter frame. The panel edges shall be smooth.

Laminated panel signs shall be within $+1/8$ inch or $-1/2$ inch of the detailed dimensions. The difference in length between adjoining panels of multiple panel signs shall not be greater than $1/2$ inch.

Roadside laminated panel signs shall be Type B or Type H. Type B panels shall have a nominal thickness of 1 inch or $2 1/2$ inches. Type H panels shall have a nominal thickness of $2 1/2$ inches.

The perimeter frame of Type B panels shall consist of extruded channel edges. The interior and exterior sides of the channels, except the sides touching the face and back sheet aluminum, shall be welded at the joint. Sealant shall be placed at the corners of the perimeter frame to prevent moisture penetration.

Each side of the vertical tube spacers of Type B panels shall be welded to the perimeter frame, except the sides touching the front and back sheet aluminum.

The perimeter frame of Type H panels shall consist of extruded channel edges on the vertical sides and consist of extruded tube channel edges on the horizontal sides. The perimeter frame shall be connected by self-tapping hex head stainless steel screws. Sealant shall be placed at the corners of the perimeter frame to prevent moisture penetration.

For Type H panels with a length of 17 feet or longer, centerline panel tube shall be placed along the horizontal centerline of the panel. The ends of the centerline panel tube shall be firmly and securely affixed to the perimeter frame.

Each side of the vertical tube spacers of Type H panels shall be welded to the perimeter frame and the centerline panel tube, except the sides touching the front and back sheet aluminum.

The Contractor shall furnish mounting hardware for roadside laminated panel signs, such as closure H-sections, lags, bolts, nuts, and washers.

Overhead laminated panel signs shall be Type A and have a nominal thickness of 1 inch.

For overhead laminated signs with a length of 24 feet or less, the laminated panels shall be fabricated with no vertical joints, splices or seams. For signs with a length of greater than 24 feet, the length of each adjoining panel shall be as determined by the DOT or as shown on the plans.

The perimeter frame of Type A overhead laminated panels shall be connected by self-tapping hex head stainless steel screws. Sealant shall be placed at the corners of the perimeter frame to prevent moisture penetration. The perimeter frame of Type A panels shall consist of extruded channel edges on the vertical sides and consist of modified "H" section extrusion on the horizontal sides. The modified "H" section extrusion acts as an integral retainer track for affixing the bolts to provide blind fastening of panels to the structure support.

The Contractor shall furnish mounting hardware for overhead laminated panel signs, such as closure H-sections, clamps, bolts, nuts, and washers. The clamps shall be cast aluminum alloy with a minimum tensile strength of 25 kips per square inch. Bolt torque used for installing clamps shall not exceed 100 inch-pounds.

VII. FORMED PANEL

Formed panel signs shall be fabricated from one continuous sheet aluminum alloy 5052-H32 of 0.063-inch thickness. The Contractor shall furnish sheet aluminum as provided in "Sheet Aluminum" of these special provisions.

The aluminum frame shall be affixed to the panel with aluminum rivets through the face of the sign panels. Color of the exposed portion of the rivets shall be the same color as the sign background or legend on which the rivets are placed.

The face of finished formed panel sign shall be flat with a tolerance of 1/8 inch per linear foot when measured across the plane of each panel in all directions.

The Contractor shall furnish mounting hardware for roadside and overhead formed panel signs. Hardware for the overhead formed panel signs shall include bolts, nuts, and washers.

The length and depth of the overhead formed panel signs shall be within $\pm 1/16$ inch of the detailed dimension.

The formed edges of the overhead panel signs shall be square. The mounting holes shall be straight and perpendicular (normal) to the front and back surfaces of the formed edges at the spacing shown on the plans. Holes that are improperly spaced and placed at the wrong angle will be rejected.

CONTENTS

- (a) Sign Details for Group AA
- (b) Arrow Details for Group BB
- (c) Route Shield Details for Group BB
- (d) Standard Plans S81 to S92
- (e) Tier Rack Detail

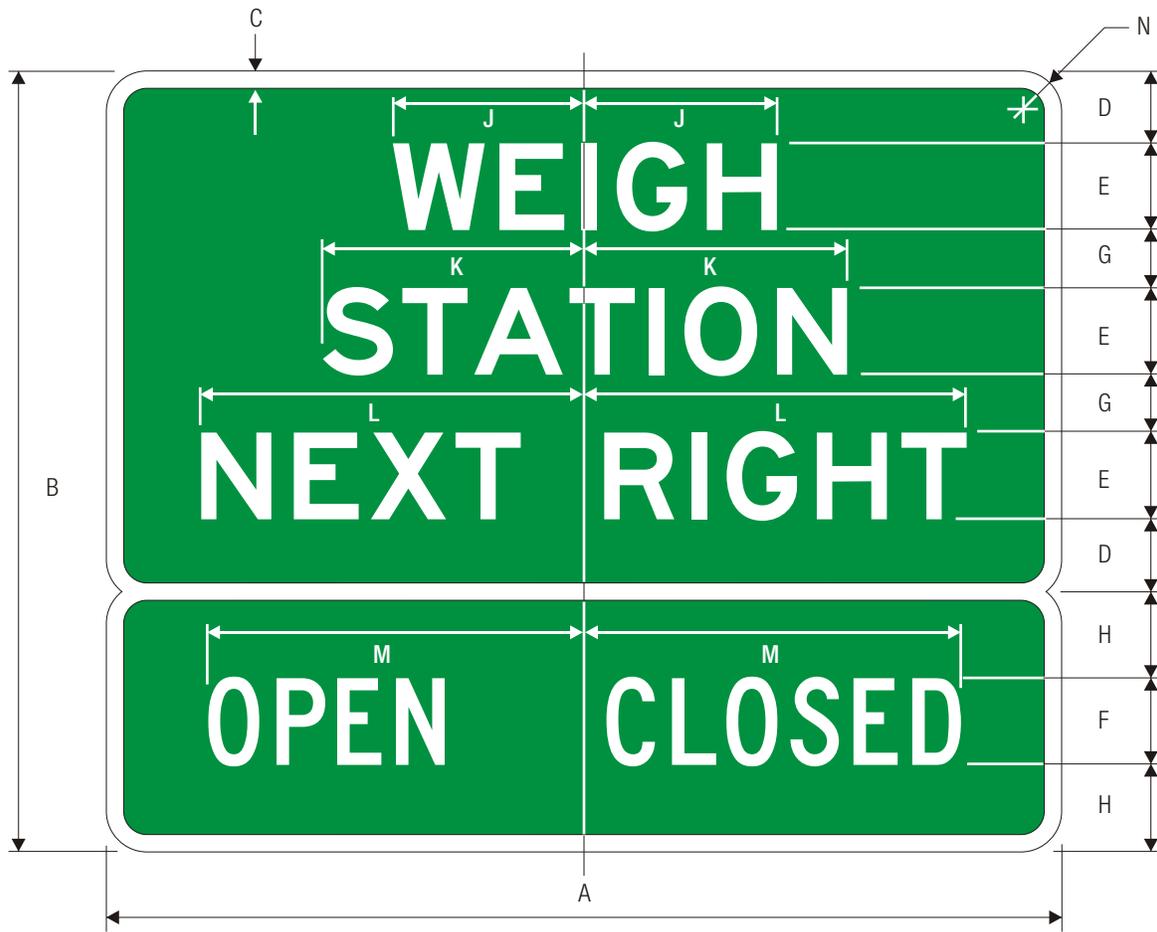


D8-1

ADVANCE WEIGH STATION DISTANCE

A	B	C	D	E	F	G	H	J	K	L
60	48	1.5	6	8 E	6 E	6	18	24.5	14	3
78	60	2	8	10 E	8 E	7	22.375	30.625	19	4
96	72	2	9	12 E	10 E	9	26.875	36.75	23.5	5

COLORS: LEGEND —WHITE (RETROREFLECTIVE)
 BACKGROUND —GREEN (RETROREFLECTIVE)

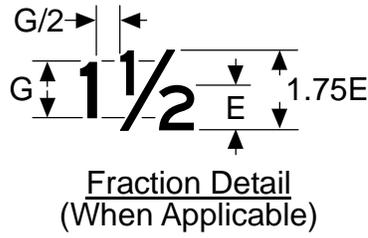


D8-2

WEIGH STATION NEXT RIGHT
(OPEN) (CLOSED)

A	B	C	D	E	F	G	H	J	K	L	M	N
66	54	1	5	6 E	6 C	4	6	12.5	18.5	27	26	4
84	72	1.5	6	8 E	8 C	6	8	18	24.5	36	35	5
108	90	2	8	10 E	10 C	7	10	22.375	30.625	45	44	6

COLORS: LEGEND -WHITE (RETROREFLECTIVE)
BACKGROUND -GREEN (RETROREFLECTIVE)



Alternate Message, Line 1: VISTA POINT.

SIGN SIZE (Inches)	DIMENSIONS (Inches)							
	A	B	C	D	E	F	G	H
72 x 30	72	30	1	6-1/2	5E	6-1/2	6E	3
144 x 60	144	60	2	13	10E	13	12E	6

SIGN SIZE (mm)	DIMENSIONS (Millimeters)							
	A	B	C	D	E	F	G	H
1829 x 762	1829	762	25	165	125E	165	150E	76
3658 x 1524	3658	1524	51	330	250E	330	300E	152

COLORS
BORDER & LEGEND - WHITE (REFLECTIVE)
BACKGROUND - BLUE (REFLECTIVE)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Kreis
 CHIEF, OFFICE OF SIGNS AND DELINEATION

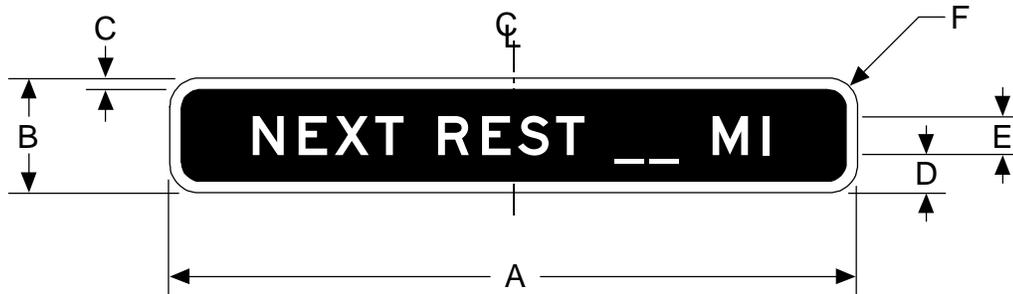
4/15/05
 DATE

REVISION

REVISION

MUTCD NUMBER None

CODE G79A



SIGN SIZE (Inches)	DIMENSIONS (Inches)					
	A	B	C	D	E	F
72 x 12	72	12	1	4	4E	3
144 x 24	144	24	2	8	8E	6

SIGN SIZE (mm)	DIMENSIONS (Millimeters)					
	A	B	C	D	E	F
1829 x 305	1829	305	25	102	100E	76
3658 x 610	3658	610	51	203	200E	152

COLORS
BORDER & LEGEND - WHITE (REFLECTIVE)
BACKGROUND - BLUE (REFLECTIVE)

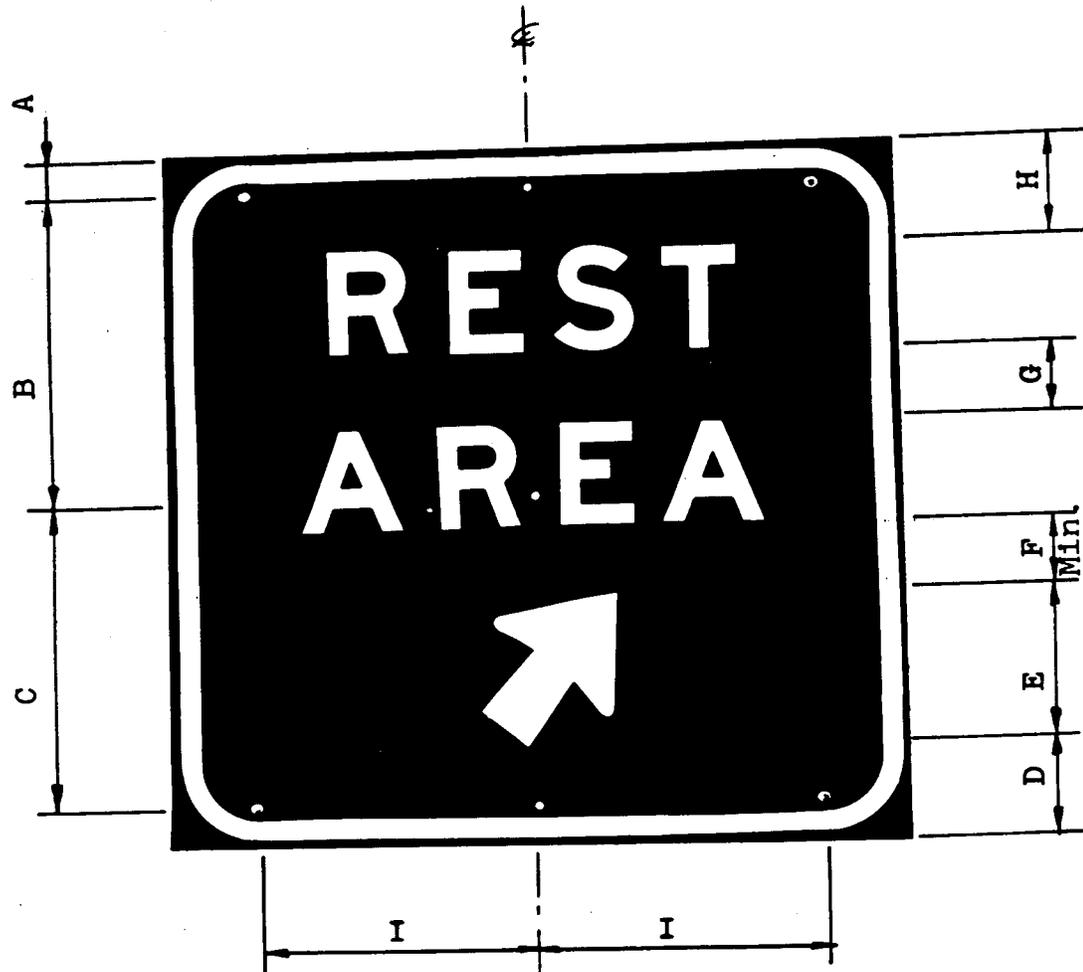
- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Kreis
 CHIEF, OFFICE OF SIGNS AND DELINEATION

4/15/05
 DATE

REVISION

REVISION



NOTE:
Available with message VISTA POINT.

ALL DIMENSIONS ARE IN INCHES

G80A SUFFIX	SIZE	BORDER WIDTH	MARGIN WIDTH	LETTER SIZE, SERIES & STROKE WIDTH					COR. RAD.
				LINE 1	LINE 2	LINE 3	LINE 4	LINE 5	
-1	54x66	2	-	10 CAP	10 CAP				6
-2	72x78	2	-	12 CAP	12 CAP				12

G80A SUFFIX	SIZE	DIMENSIONS											
		A	B	C	D	E	F	G	H	I	J	K	L
-1	54x66	3	30	30	10 ⁺ ₋	13	5½	7	10	16			
-2	72x78	3	27	45	8 ⁺ ₋	19	7	9	11	-			

Blue BACKGROUND WITH White BORDER & SYMBOL Reflective message & border.

Refer to standard arrow sheet.

APPROVED:

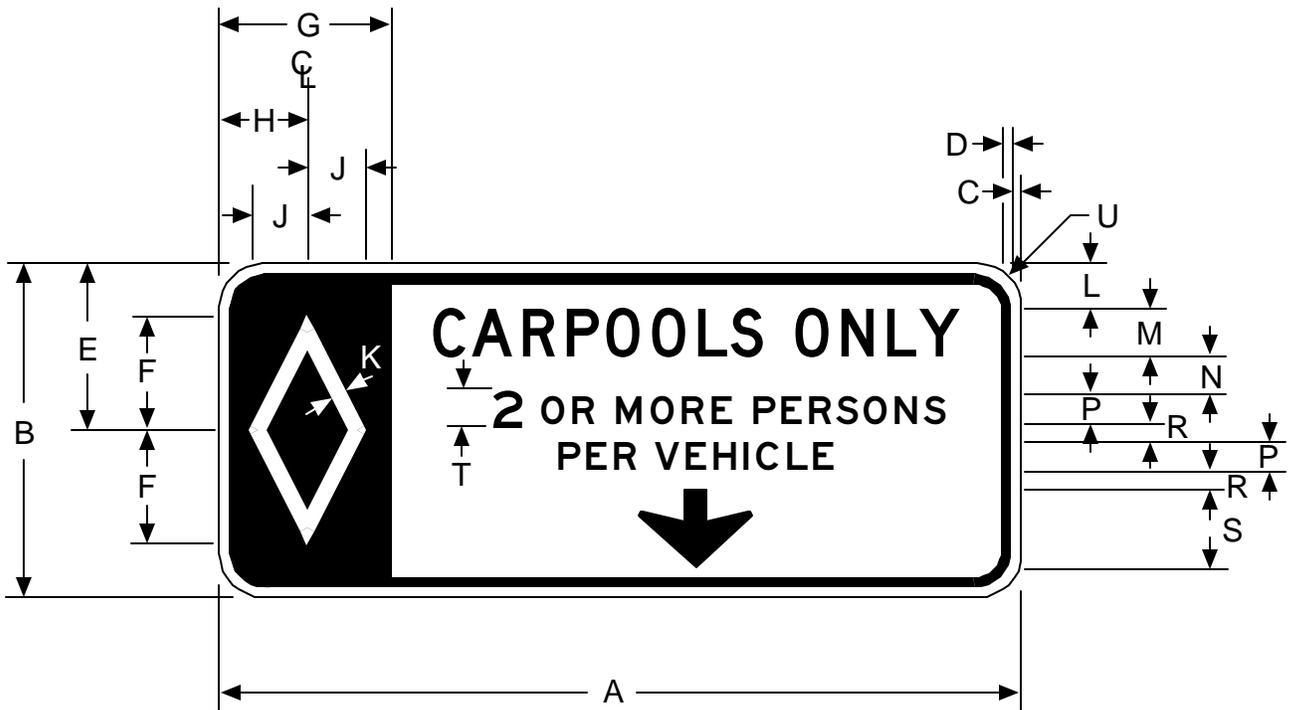
acc
TRAFFIC ENGINEER

11/15/71
DATE

REVISION

MUTCD NUMBER None

CODE R87-1



NOTES:

1. Specify number of persons per vehicle when ordering.
2. For arrow dimensions, see Standard Arrows for Directional Signs in Chapter 5, Appendix 1.

SIGN SIZE (Inches)	DIMENSIONS (Inches)																	
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U
168 x 70	168	70	1	1-3/4	35	24	36	18-1/2	12	3	9-1/2	10D	8	6E	4	16-1/2	8E	9
192 x 100	192	100	1-1/2	2	50	24	36	18-3/4	12	3	16	12D	12	8E	8	16-1/2	10E	12

SIGN SIZE (mm)	DIMENSIONS (Millimeters)																	
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U
4267 x 1778	4267	1778	25	44	889	610	914	470	305	76	241	250D	203	150E	102	419	200E	229
4877 x 2540	4877	2540	38	51	1270	610	914	476	305	76	406	300D	305	200E	203	419	250E	305

COLORS
BORDER, LEGEND & DIAMOND BACKGROUND - BLACK (NON-REFLECTIVE)
DIAMOND & BACKGROUND - WHITE (REFLECTIVE)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Kreis
 CHIEF, OFFICE OF SIGNS AND DELINEATION

8/1/02

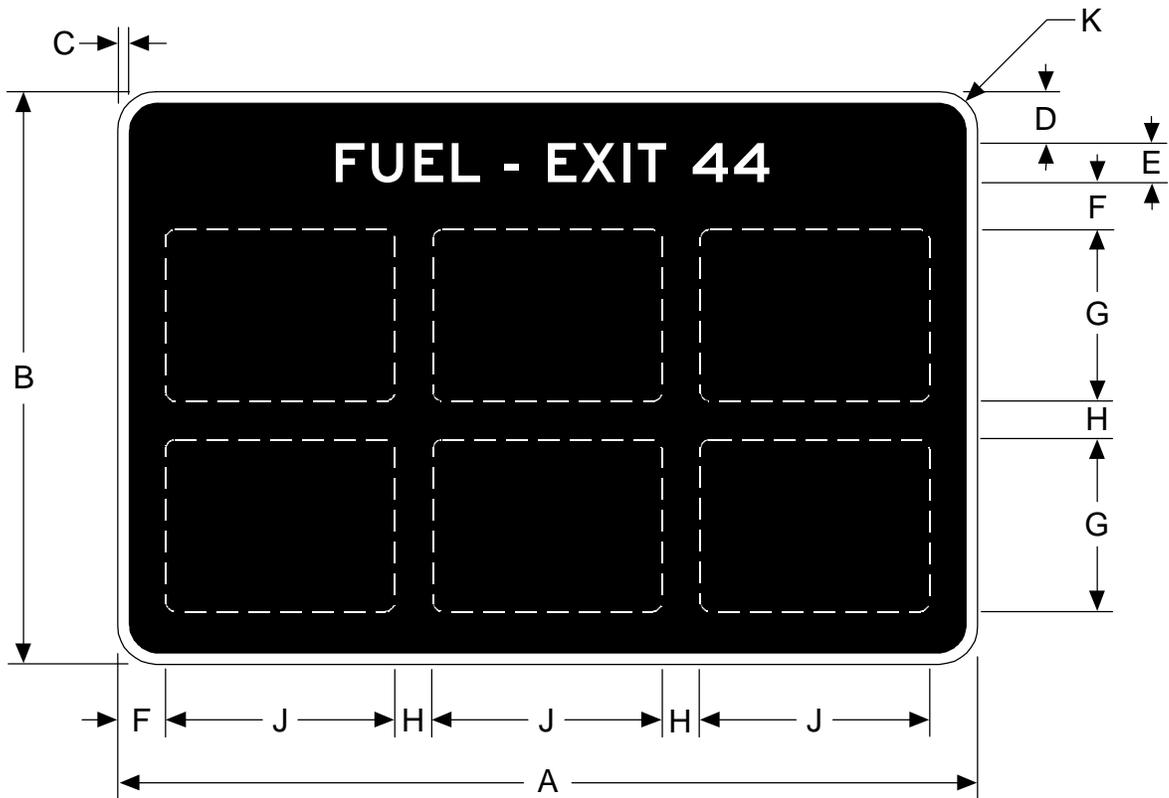
DATE

REVISION

REVISION

MUTCD NUMBER None

CODE SG42-1



Alternate Messages:
 FOOD, LODGING or CAMPING;
 NEXT RIGHT (LEFT), SECOND RIGHT (LEFT),
 NEXT EXIT, or SECOND EXIT

SIGN SIZE (Inches)	DIMENSIONS (Inches)									
	A	B	C	D	E	F	G	H	J	K
180 x 120	180	120	1-1/2	11	8E	10	36	8	48	9

SIGN SIZE (mm)	DIMENSIONS (Millimeters)									
	A	B	C	D	E	F	G	H	J	K
4572 x 3048	4572	3048	38	279	200E	254	914	203	1219	229

COLORS
BORDER & LEGEND - WHITE (REFLECTIVE)
BACKGROUND - BLUE (REFLECTIVE)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Myers
 CHIEF, OFFICE OF SIGNS AND DELINEATION

7/10/03

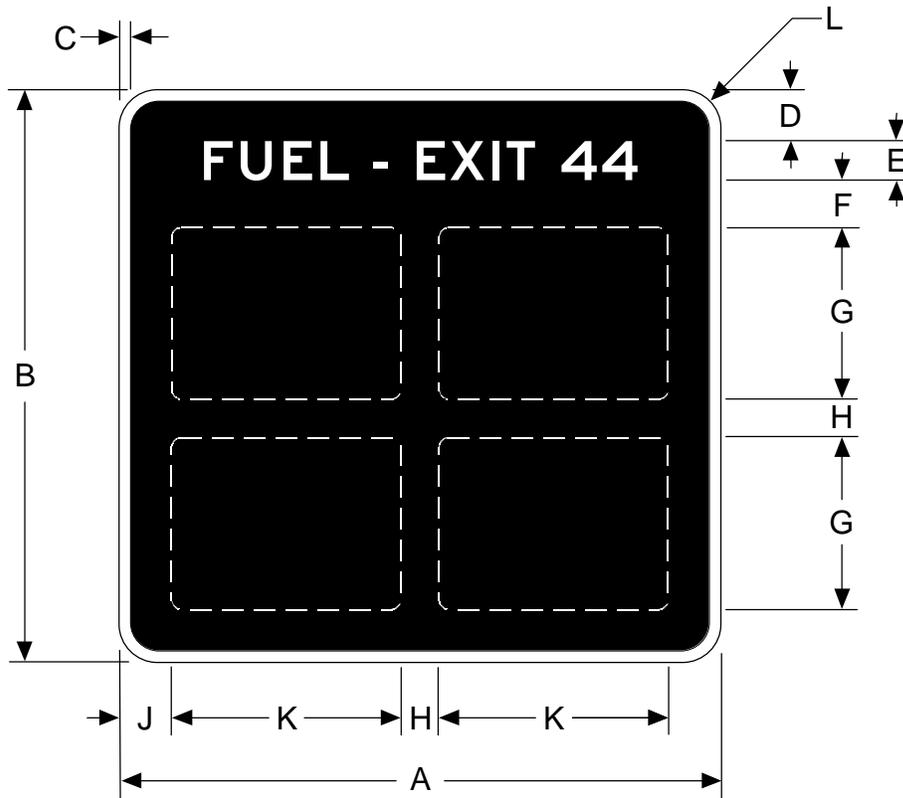
DATE

REVISION

REVISION

MUTCD NUMBER None

CODE SG42-10



Alternate Messages:
 FOOD, LODGING or CAMPING;
 NEXT RIGHT (LEFT), SECOND RIGHT (LEFT),
 NEXT EXIT, or SECOND EXIT

SIGN SIZE (Inches)	DIMENSIONS (Inches)										
	A	B	C	D	E	F	G	H	J	K	L
126 x 120	126	120	1-1/2	11	8E	10	36	8	11	48	9

SIGN SIZE (mm)	DIMENSIONS (Millimeters)										
	A	B	C	D	E	F	G	H	J	K	L
3200 x 3048	3200	3048	38	279	200E	254	914	203	279	1219	229

COLORS
BORDER & LEGEND - WHITE (REFLECTIVE)
BACKGROUND - BLUE (REFLECTIVE)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gary Kreis
 CHIEF, OFFICE OF SIGNS AND DELINEATION

7/10/03

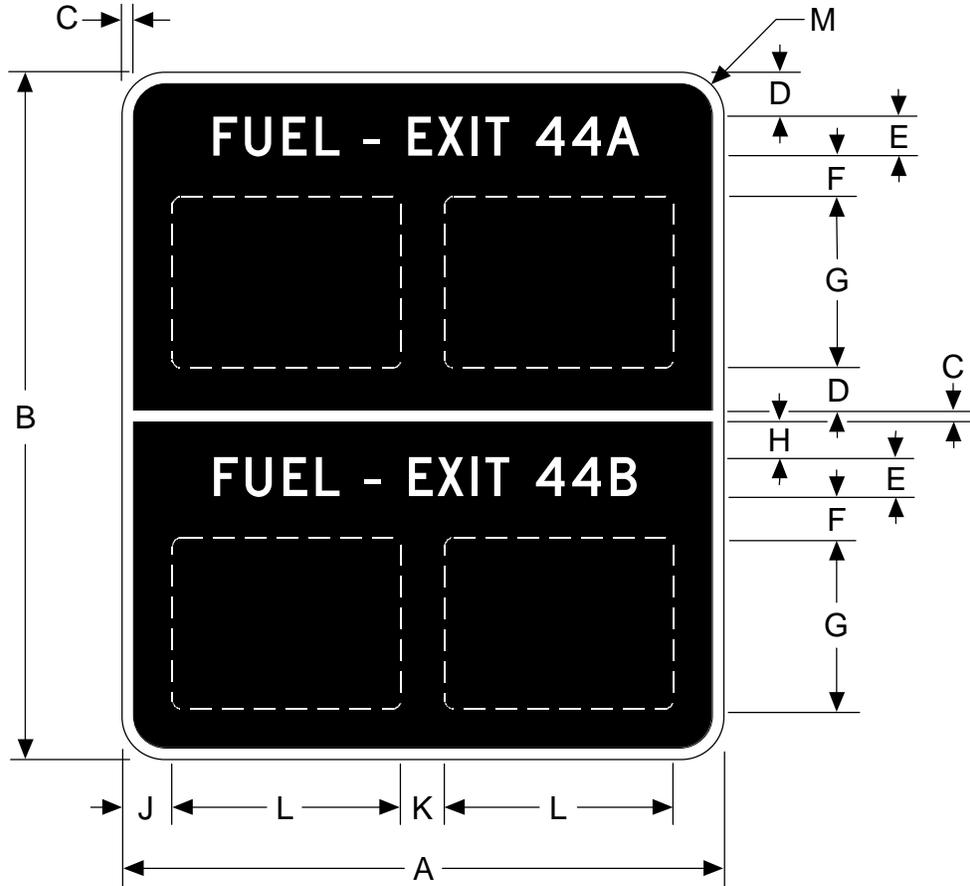
DATE

REVISION

REVISION

MUTCD NUMBER **None**

CODE **SG42-11**



Alternate Messages:

FOOD, LODGING or CAMPING;
 NEXT RIGHT (LEFT), SECOND RIGHT (LEFT), NEXT EXIT, or SECOND EXIT
 (Series 'D' Alphabet is standard, Series 'C' may be used to accomodate a longer message.)

SIGN SIZE (Inches)	DIMENSIONS (Inches)											
	A	B	C	D	E	F	G	H	J	K	L	M
126 x 144	126	144	1-1/2	9-1/2	8D	8	36	8	10-1/2	8	48	9

SIGN SIZE (mm)	DIMENSIONS (Millimeters)											
	A	B	C	D	E	F	G	H	J	K	L	M
3200 x 3658	3200	3658	38	241	200D	203	914	203	267	203	1219	229

COLORS

BORDER & LEGEND - WHITE (REFLECTIVE)
BACKGROUND - BLUE (REFLECTIVE)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Kreis
 CHIEF, OFFICE OF SIGNS AND DELINEATION

7/10/03

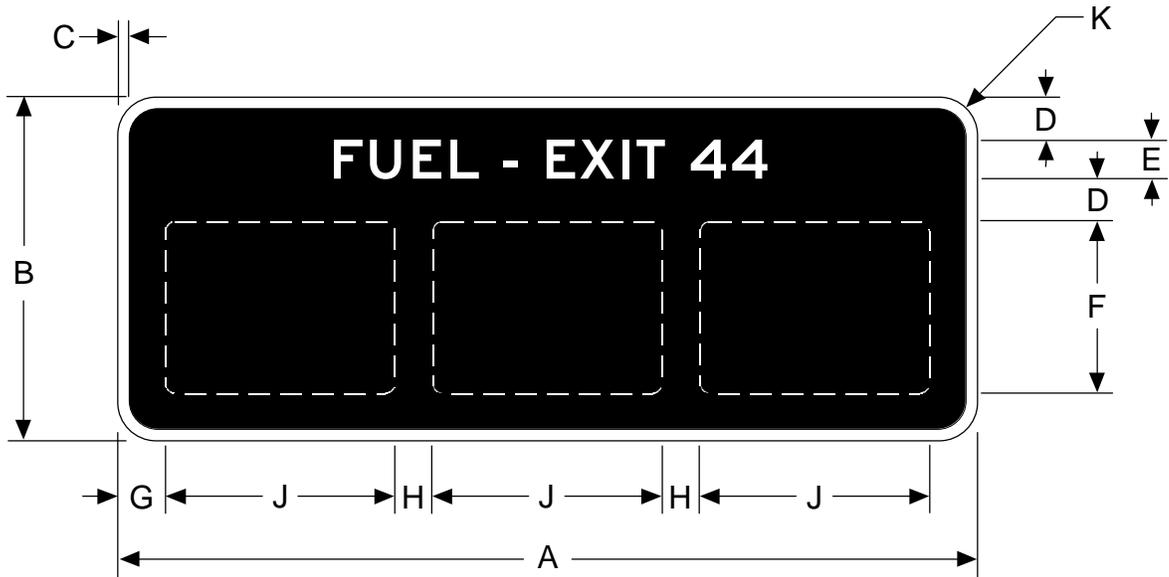
DATE

REVISION

REVISION

MUTCD NUMBER None

CODE SG42-2



Alternate Messages:
 FOOD, LODGING or CAMPING;
 NEXT RIGHT (LEFT), SECOND RIGHT (LEFT),
 NEXT EXIT, or SECOND EXIT

SIGN SIZE (Inches)	DIMENSIONS (Inches)									
	A	B	C	D	E	F	G	H	J	K
180 x 72	180	72	1-1/2	9	8E	36	10	8	48	9

SIGN SIZE (mm)	DIMENSIONS (Millimeters)									
	A	B	C	D	E	F	G	H	J	K
4572 x 1829	4572	1829	38	229	200E	914	254	203	1219	229

COLORS
BORDER & LEGEND - WHITE (REFLECTIVE)
BACKGROUND - BLUE (REFLECTIVE)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Myers
 CHIEF, OFFICE OF SIGNS AND DELINEATION

7/10/03

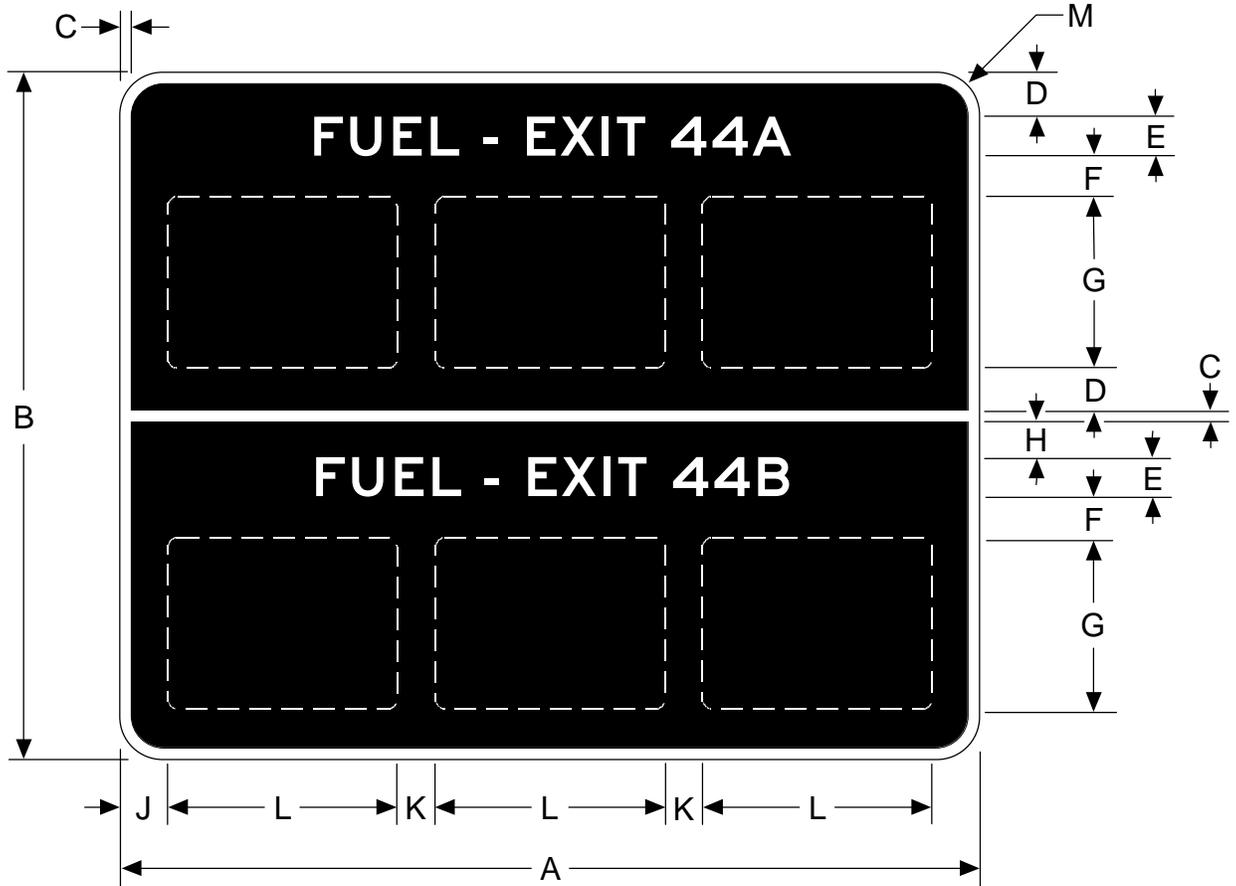
DATE

REVISION

REVISION

MUTCD NUMBER None

CODE SG42-3



Alternate Messages:
 FOOD, LODGING or CAMPING;
 NEXT RIGHT (LEFT), SECOND RIGHT (LEFT),
 NEXT EXIT, or SECOND EXIT

SIGN SIZE (Inches)	DIMENSIONS (Inches)											
	A	B	C	D	E	F	G	H	J	K	L	M
180 x 144	180	144	1-1/2	9-1/2	8E	8	36	8	10	8	48	9

SIGN SIZE (mm)	DIMENSIONS (Millimeters)											
	A	B	C	D	E	F	G	H	J	K	L	M
4572 x 3658	4572	3658	38	241	200E	203	914	203	254	203	1219	229

COLORS
 BORDER & LEGEND - WHITE (REFLECTIVE)
 BACKGROUND - BLUE (REFLECTIVE)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Myers
 CHIEF, OFFICE OF SIGNS AND DELINEATION

7/10/03

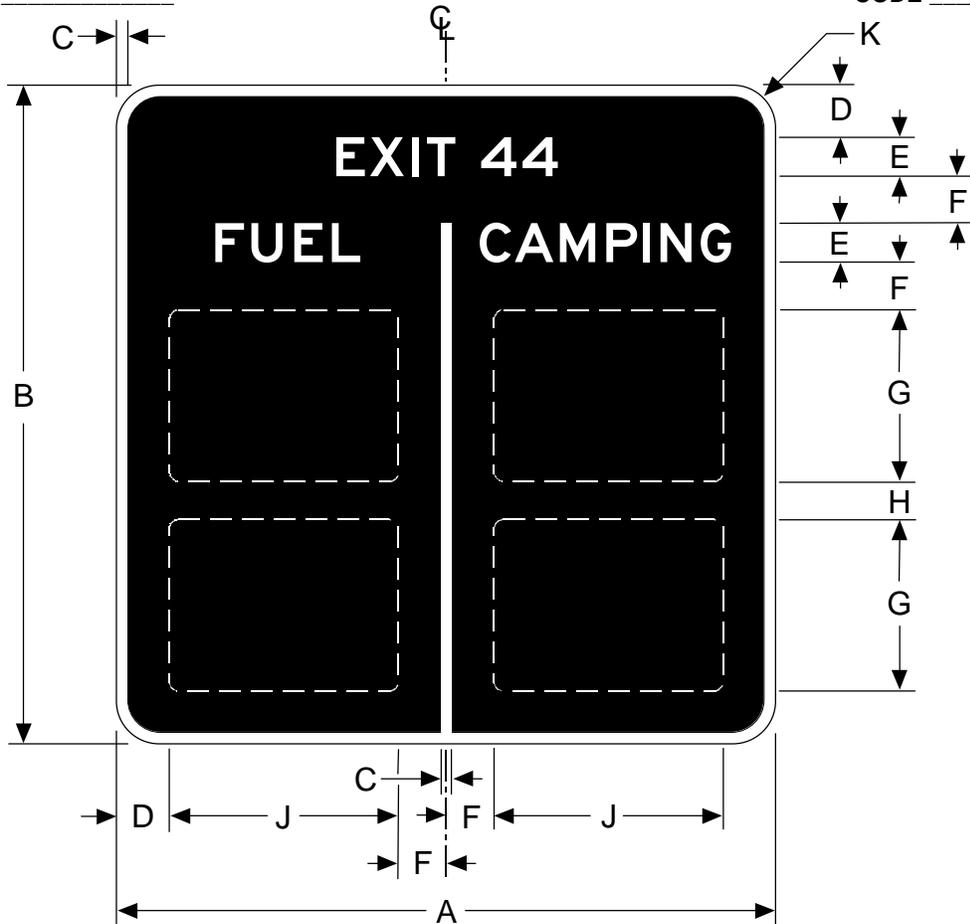
DATE

REVISION

REVISION

MUTCD NUMBER None

CODE SG42-6



Alternate Messages:

Line 1 - NEXT RIGHT (LEFT), SECOND RIGHT (LEFT), NEXT EXIT, or SECOND EXIT
 Line 2 - FOOD or LODGING

SIGN SIZE (Inches)	DIMENSIONS (Inches)									
	A	B	C	D	E	F	G	H	J	K
138 x 138	138	138	1-1/2	11	8E	10	36	8	48	9

SIGN SIZE (mm)	DIMENSIONS (Millimeters)									
	A	B	C	D	E	F	G	H	J	K
3505 x 3505	3505	3505	38	279	200E	254	914	203	1219	229

COLORS

BORDER & LEGEND - WHITE (REFLECTIVE)
BACKGROUND - BLUE (REFLECTIVE)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Myers
 CHIEF, OFFICE OF SIGNS AND DELINEATION

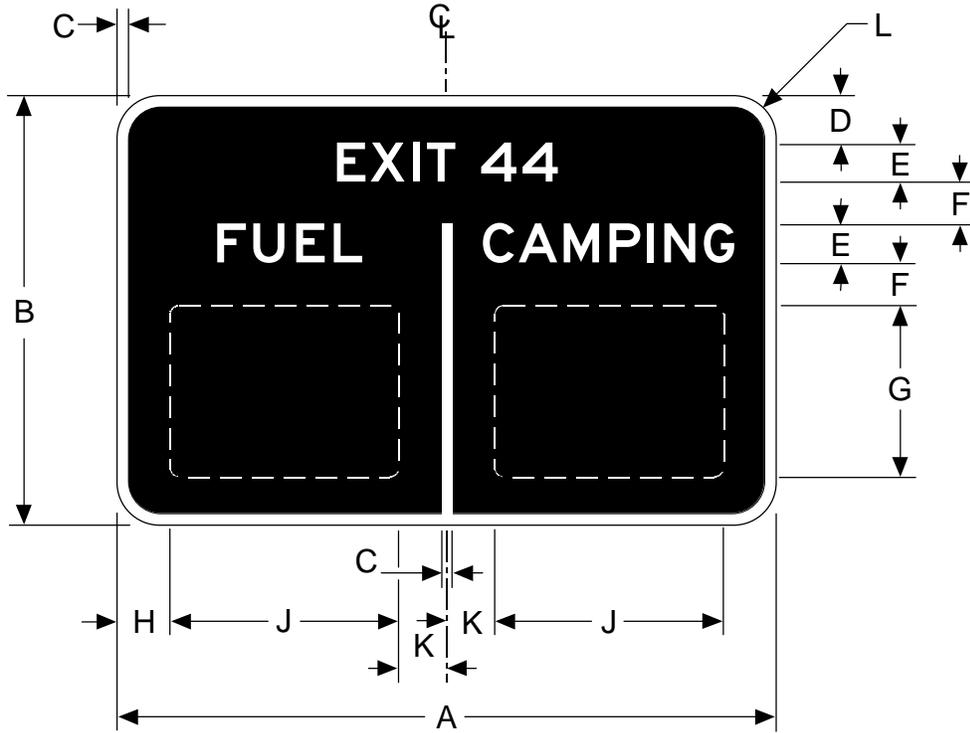
7/10/03
 DATE

REVISION

REVISION

MUTCD NUMBER None

CODE SG42-7



Alternate Messages:

Line 1 - NEXT RIGHT (LEFT), SECOND RIGHT (LEFT), NEXT EXIT, or SECOND EXIT
 Line 2 - FOOD or LODGING

SIGN SIZE (Inches)	DIMENSIONS (Inches)										
	A	B	C	D	E	F	G	H	J	K	L
138 x 90	138	90	1-1/2	10	8E	9	36	11	48	10	9

SIGN SIZE (mm)	DIMENSIONS (Millimeters)										
	A	B	C	D	E	F	G	H	J	K	L
3505 x 2286	3505	2286	38	256	200E	229	914	279	1219	254	229

COLORS

BORDER & LEGEND - WHITE (REFLECTIVE)
BACKGROUND - BLUE (REFLECTIVE)

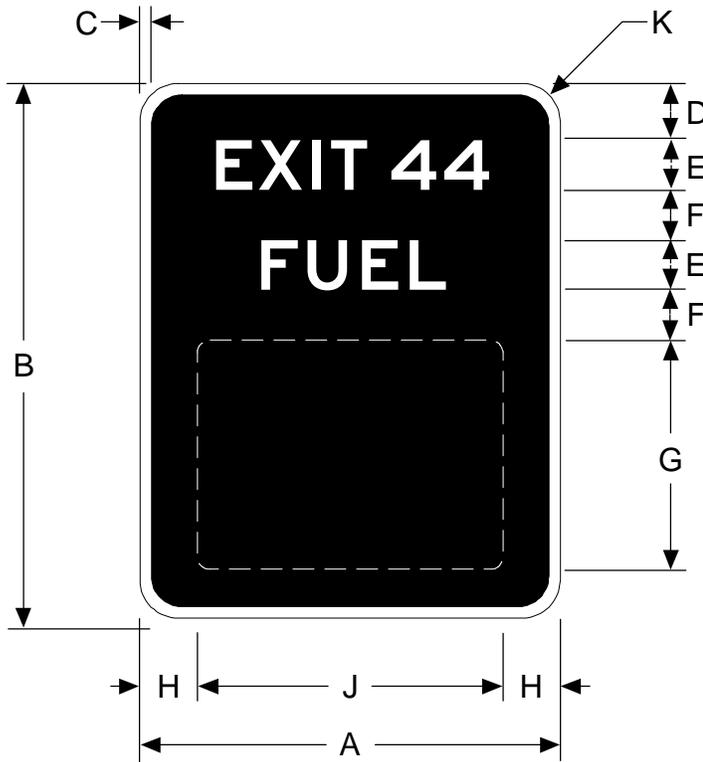
- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Meis
 CHIEF, OFFICE OF SIGNS AND DELINEATION

7/10/03
 DATE

REVISION

REVISION



Alternate Messages:

Line 1 - NEXT RIGHT (LEFT), SECOND RIGHT (LEFT), NEXT EXIT, or SECOND EXIT
 Line 2 - FOOD, LODGING, or CAMPING

SIGN SIZE (Inches)	DIMENSIONS (Inches)									
	A	B	C	D	E	F	G	H	J	K
66 x 84	66	84	1-1/2	8	8E	8	36	9	48	6

SIGN SIZE (mm)	DIMENSIONS (Millimeters)									
	A	B	C	D	E	F	G	H	J	K
1676 x 2134	1676	2134	38	203	200E	203	914	229	1219	152

COLORS

BORDER & LEGEND - WHITE (REFLECTIVE)
BACKGROUND - BLUE (REFLECTIVE)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Paris
 CHIEF, OFFICE OF SIGNS AND DELINEATION

7/10/03

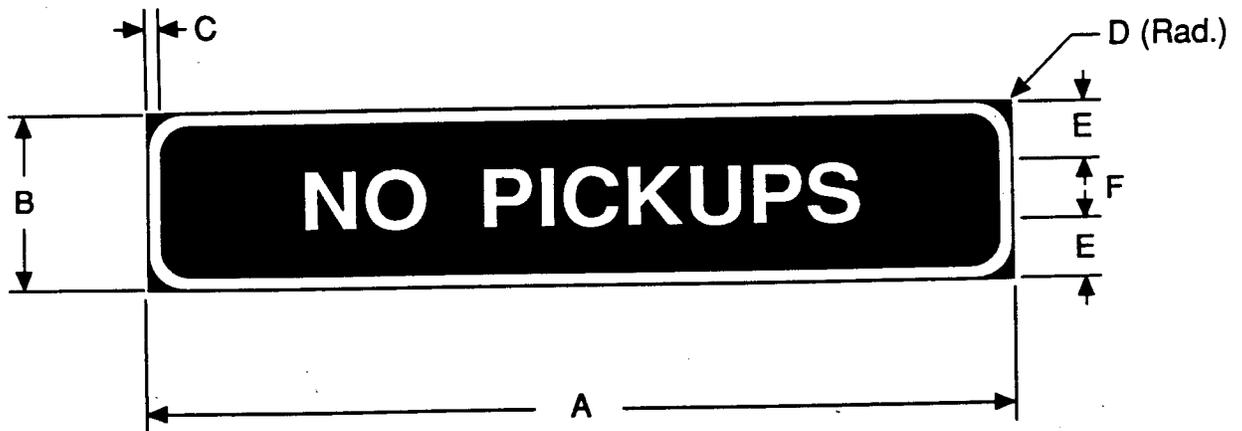
DATE

REVISION

REVISION

MUTCD NUMBER None

CODE SG8



SIGN SIZE	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
84 x 18	84	18	1-1/4	3	6	6E
120 x 24	120	24	1-1/2	6	8	8E
144 x 30	144	30	2	6	10	10E

COLORS
 BORDER & LEGEND - WHITE (REFLECTIVE)
 BACKGROUND - GREEN (NON-REFLECTIVE)

• THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE •

[Signature]
 CHIEF, OFFICE OF SIGNS AND DELINEATION

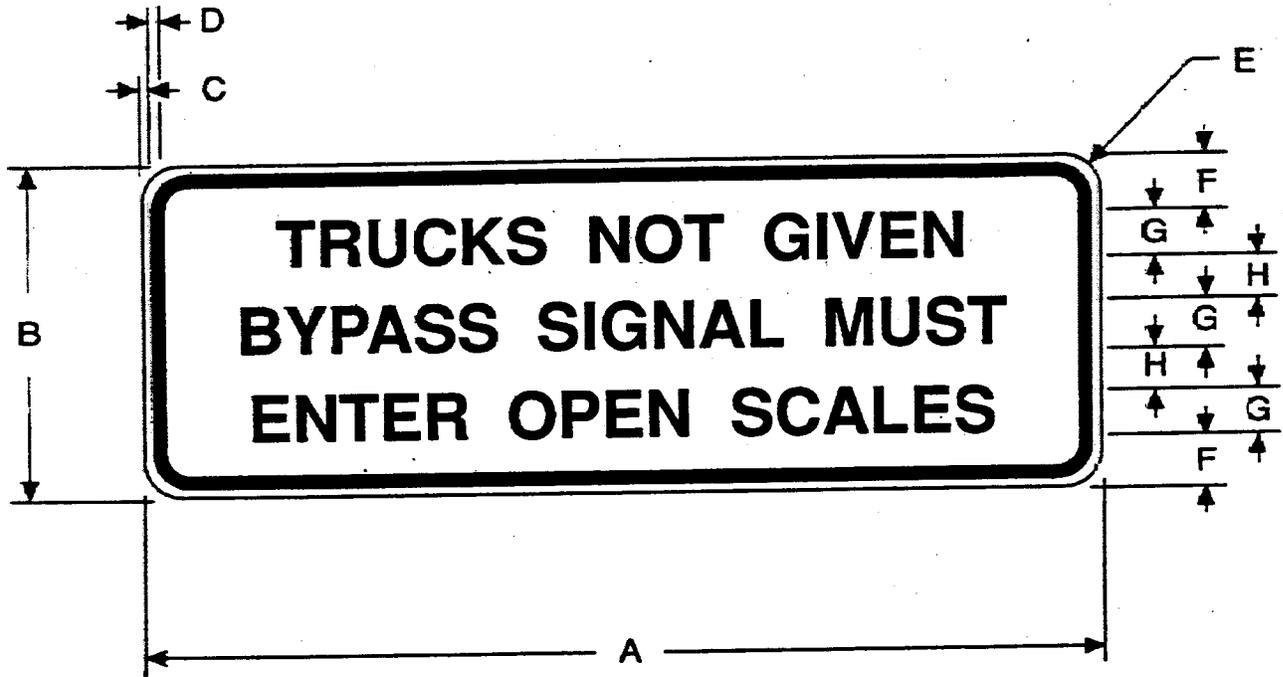
2/3/95
 DATE

REVISION

REVISION

UNITCD NUMBER None

CODE SR17



Scale
 1:20

SIGN SIZE	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
120 x 42	120	42	5/8	1	6	7	6D	5
144 x 54	144	54	3/4	1-1/4	6	9	8D	6

COLOR
BORDER & LEGEND - BLACK
BACKGROUND - WHITE (REFLECTIVE)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

W. J. Hovenden
 CHIEF, OFFICE OF SIGNS AND DELINEATION

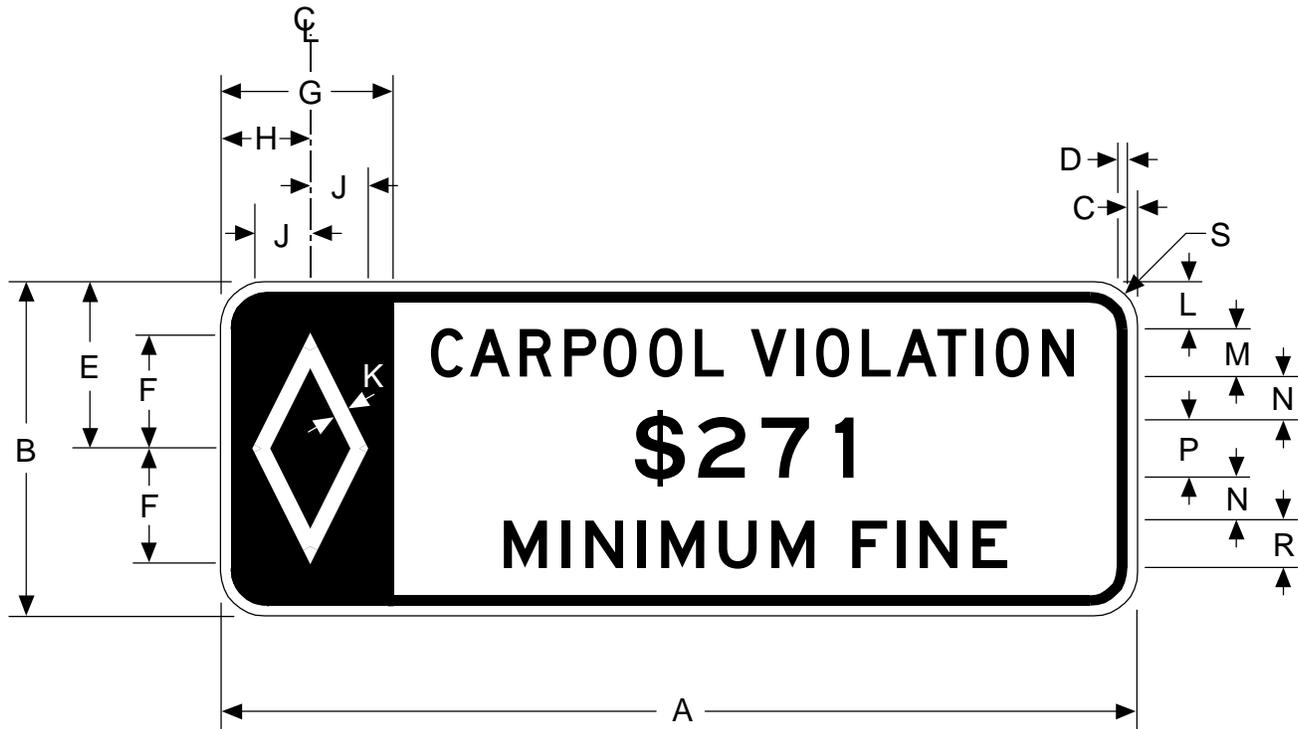
7/15/96
 DATE

REVISION

REVISION

MUTCD NUMBER None

CODE SR50-1



NOTE: Specify fine amount when ordering.

SIGN SIZE (Inches)	DIMENSIONS (Inches)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S
192 x 70	192	70	1	1-3/4	35	24	36	18-1/2	12	3	10	10D	9	12E	10E	9

SIGN SIZE (mm)	DIMENSIONS (Millimeters)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S
4877 x 1778	4877	1778	25	44	889	610	914	470	305	76	254	10D	229	300E	250E	229

COLORS
BORDER, LEGEND & DIAMOND BACKGROUND - BLACK (NON-REFLECTIVE)
DIAMOND & BACKGROUND - WHITE (REFLECTIVE)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Myers
 CHIEF, OFFICE OF SIGNS AND DELINEATION

8/1/02

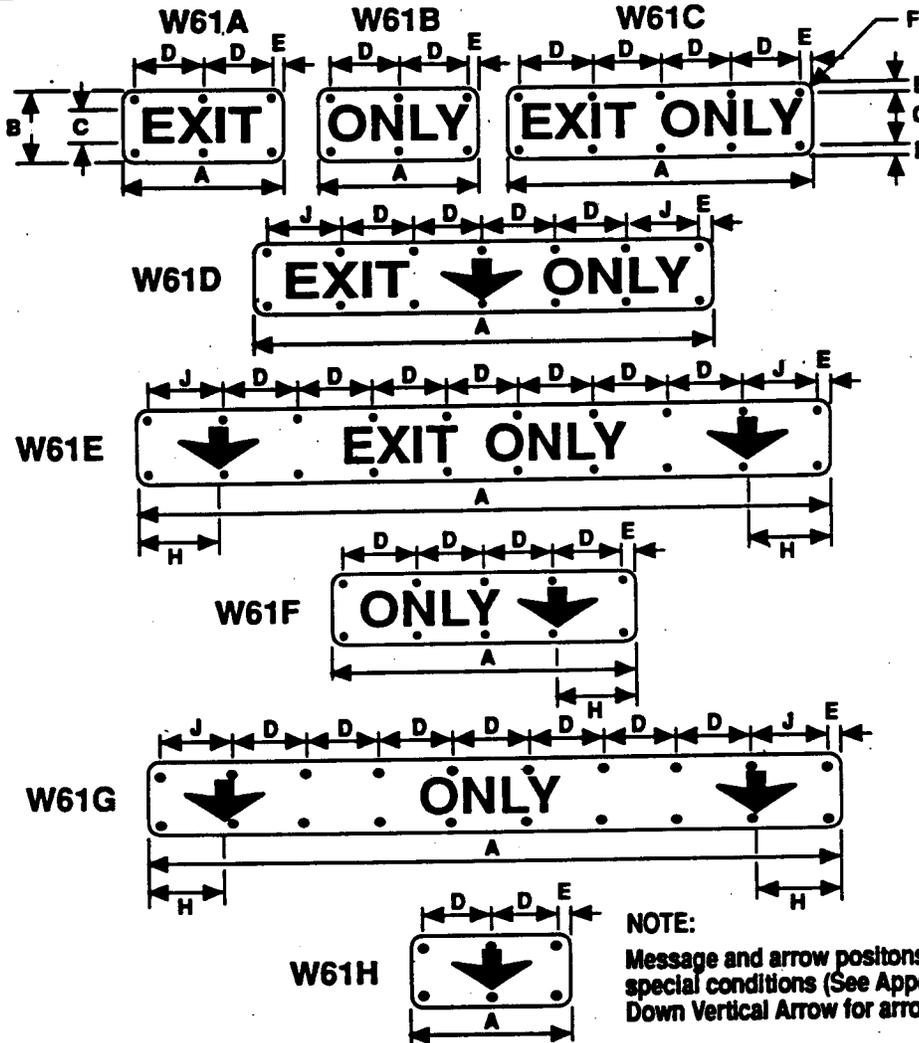
DATE

REVISION

REVISION

MUTCD NUMBER E11-1

CODE W61A,B,C,
D,E,F,G,H



NOTE:

Message and arrow positions may be adjusted to fit special conditions (See Appendix Page 10, 16-1/2" Down Vertical Arrow for arrow dimensions).

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
W61A	44	20	10E	20	2	3	16	--	--
W61B	44	20	10E	20	2	3	16	--	--
W61C	84	20	10E	20	2	3	16	--	--
W61D	126	20	10E	20-1/2	2	3	16	24	20
W61E	192	20	10E	20-1/2	2	3	16	24	22-1/4
W61F	84	20	10E	20	2	3	16	24	--
W61G	192	20	10E	20-1/2	2	3	16	24	22-1/4
W61H	44	20	--	20	2	3	16	--	--

COLORS
LEGEND - BLACK (Non Reflective)
BACKGROUND - YELLOW (Reflective)

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

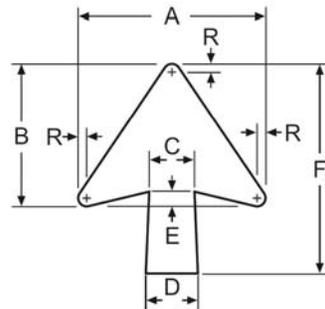
MR. [Signature]
 DEPUTY CHIEF, DIVISION OF TRAFFIC OPERATIONS

6/21/93
 DATE

REVISION

REVISION

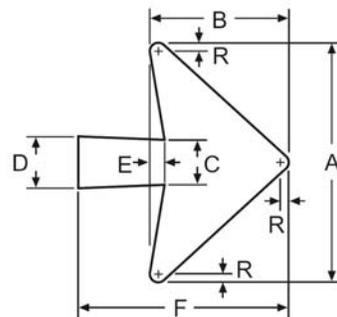
Figure 2D-2 (CA). Arrows for Use on Guide Signs (Sheet 1 of 3)



**One Line
Horizontal, Vertical
or Diagonal Arrow**

Letter Sizes	Dimensions in Inches						
	A	B	C	D	E	F	R
4 U.C., 4 Cap	5-5/8	4-5/8	1-9/16	1-3/4	7/16	6	5/16
5 Cap	7-1/16	5-3/8	1-11/16	2	9/16	8-1/2	3/8
6 U.C.	8-7/16	6-7/16	2-1/16	2-3/8	11/16	9-1/2	1/2
6 Cap	11-1/4	8-5/8	2-3/4	3-9/16	7/8	12-3/4	5/8
8 U.C.	11-1/4	8-5/8	2-3/4	3-9/16	7/8	12-3/4	5/8
8 Cap	15-1/8	11-9/16	3-3/4	4-5/16	1-5/16	17	13/16
10.67 U.C.	15-1/8	11-9/16	3-3/4	4-5/16	1-5/16	17	13/16
10 Cap	15-1/8	11-9/16	3-3/4	4-5/16	1-5/16	17	13/16
12 Cap	18-1/4	14	4-1/2	5-1/8	1-1/2	20	7/8
13.3 U.C.	18-1/4	14	4-1/2	5-1/8	1-1/2	20	7/8
16 U.C.	22-1/4	17	5-3/8	6-3/16	1-3/4	25	1

Letter Sizes	Dimensions in Millimeters						
	A	B	C	D	E	F	R
100 U.C., 100 Cap	143	117	40	44	11	152	8
125 Cap	179	137	43	51	14	216	10
150 U.C.	214	164	52	60	17	241	13
150 Cap	286	219	70	90	22	324	16
200 U.C.	286	219	70	90	22	324	16
200 Cap	384	294	95	110	33	432	21
265 U.C.	384	294	95	110	33	432	21
250 Cap	384	294	95	110	33	432	21
300 Cap	464	356	114	130	38	508	22
330 U.C.	464	356	114	130	38	508	22
400 U.C.	565	432	137	157	44	635	25

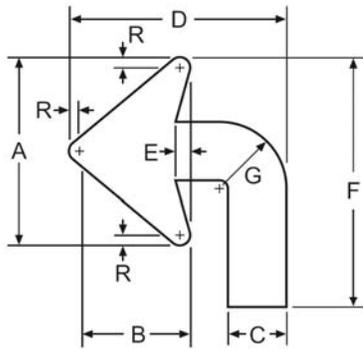


**Two Line
Horizontal Arrow**

Letter Sizes	Dimensions in Inches						
	A	B	C	D	E	F	R
4 U.C., 4 Cap	7-1/8	4-1/8	1-9/16	1-3/4	7/16	6	5/16
5 Cap	9	5-1/4	1-11/16	2	9/16	8-1/2	3/8
6 U.C.	10-11/16	6-3/16	2-1/16	2-3/8	11/16	9-1/2	1/2
6 Cap	14-1/4	8-1/4	2-3/4	3-9/16	7/8	12-3/4	5/8
8 U.C.	14-1/4	8-1/4	2-3/4	3-9/16	7/8	12-3/4	5/8
8 Cap	18-3/4	10-7/8	3-3/4	4-5/16	1-5/16	17	13/16
10.67 U.C.	18-3/4	10-7/8	3-3/4	4-5/16	1-5/16	17	13/16
10 Cap	23-13/16	13-13/16	4-1/2	5-1/8	1-1/2	20	7/8
12 Cap	23-13/16	13-13/16	4-1/2	5-1/8	1-1/2	20	7/8
13.3 U.C.	23-13/16	13-13/16	4-1/2	5-1/8	1-1/2	20	7/8
16 U.C.	28-1/2	16-1/2	5-3/8	6-3/16	1-3/4	25	1

Letter Sizes	Dimensions in Millimeters						
	A	B	C	D	E	F	R
100 U.C., 100 Cap	181	105	40	44	11	152	8
125 Cap	229	133	43	51	14	216	10
150 U.C.	271	157	52	60	17	241	13
150 Cap	362	210	70	90	22	324	16
200 U.C.	362	210	70	90	22	324	16
200 Cap	476	276	95	110	33	432	21
265 U.C.	476	276	95	110	33	432	21
250 Cap	605	351	114	130	38	508	22
300 Cap	605	351	114	130	38	508	22
330 U.C.	605	351	114	130	38	508	22
400 U.C.	724	419	137	157	44	635	25

Figure 2D-2 (CA). Arrows for Use on Guide Signs (Sheet 2 of 3)

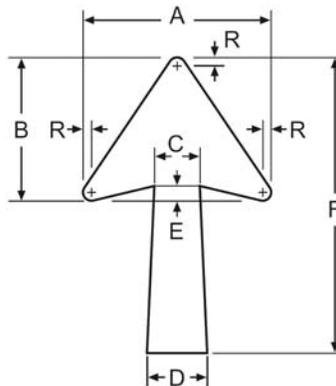


Advance Arrow

Letter Sizes	Dimensions in Inches							
	A	B	C	D	E	F	G	R
6 U.C.	8-7/16	5-7/16	2-5/8	9-3/4	5/8	11-1/4	3R	1/2
6 Cap	11-1/4	7-1/4	3-1/2	13	7/8	15	4R	5/8
8 U.C.	11-1/4	7-1/4	3-1/2	13	7/8	15	4R	5/8

Letter Sizes	Dimensions in Millimeters							
	A	B	C	D	E	F	G	R
150 U.C.	214	138	67	248	16	286	76R	13
150 Cap	286	184	89	330	22	381	102R	16
200 U.C.	286	184	89	330	22	381	102R	16

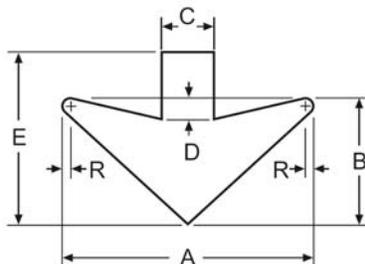
Two Line Vertical or Diagonal Arrow



NOTE:
The angle for a diagonal arrow is measured from the vertical.

Letter Sizes	Dimensions in Inches						
	A	B	C	D	E	F	R
4 U.C., 4 Cap	5-5/8	4-3/8	1-9/16	1-15/16	7/16	9-1/8	5/16
5 Cap	7-1/16	5-3/8	1-11/16	2-3/16	9/16	11	3/8
6 U.C.	8-7/16	6-7/16	2-1/16	2-11/16	11/16	13-1/4	1/2
6 Cap	11-1/4	8-5/8	2-3/4	3-9/16	7/8	17-3/4	5/8
8 U.C.	11-1/4	8-5/8	2-3/4	3-9/16	7/8	17-3/4	5/8
8 Cap	15-1/8	11-9/16	3-3/4	5	1-5/16	25	13/16
10.67 U.C.	15-1/8	11-9/16	3-3/4	5	1-5/16	25	13/16
10 Cap	18-1/4	14	4-1/2	6	1-1/2	30	7/8
12 Cap	18-1/4	14	4-1/2	6	1-1/2	30	7/8
13.3 U.C.	18-1/4	14	4-1/2	6	1-1/2	30	7/8
16 U.C.	22-1/4	17	5-3/8	7	1-3/4	35	1

Letter Sizes	Dimensions in Millimeters						
	A	B	C	D	E	F	R
100 U.C., 100 Cap	143	111	40	49	11	232	8
125 Cap	179	137	43	56	14	279	10
150 U.C.	214	164	52	68	17	337	13
150 Cap	286	219	70	90	22	451	16
200 U.C.	286	219	70	90	22	451	16
200 Cap	384	294	95	127	33	635	21
265 U.C.	384	294	95	127	33	635	21
250 Cap	464	356	114	152	38	762	22
300 Cap	464	356	114	152	38	762	22
330 U.C.	464	356	114	152	38	762	22
400 U.C.	565	432	137	178	44	889	25



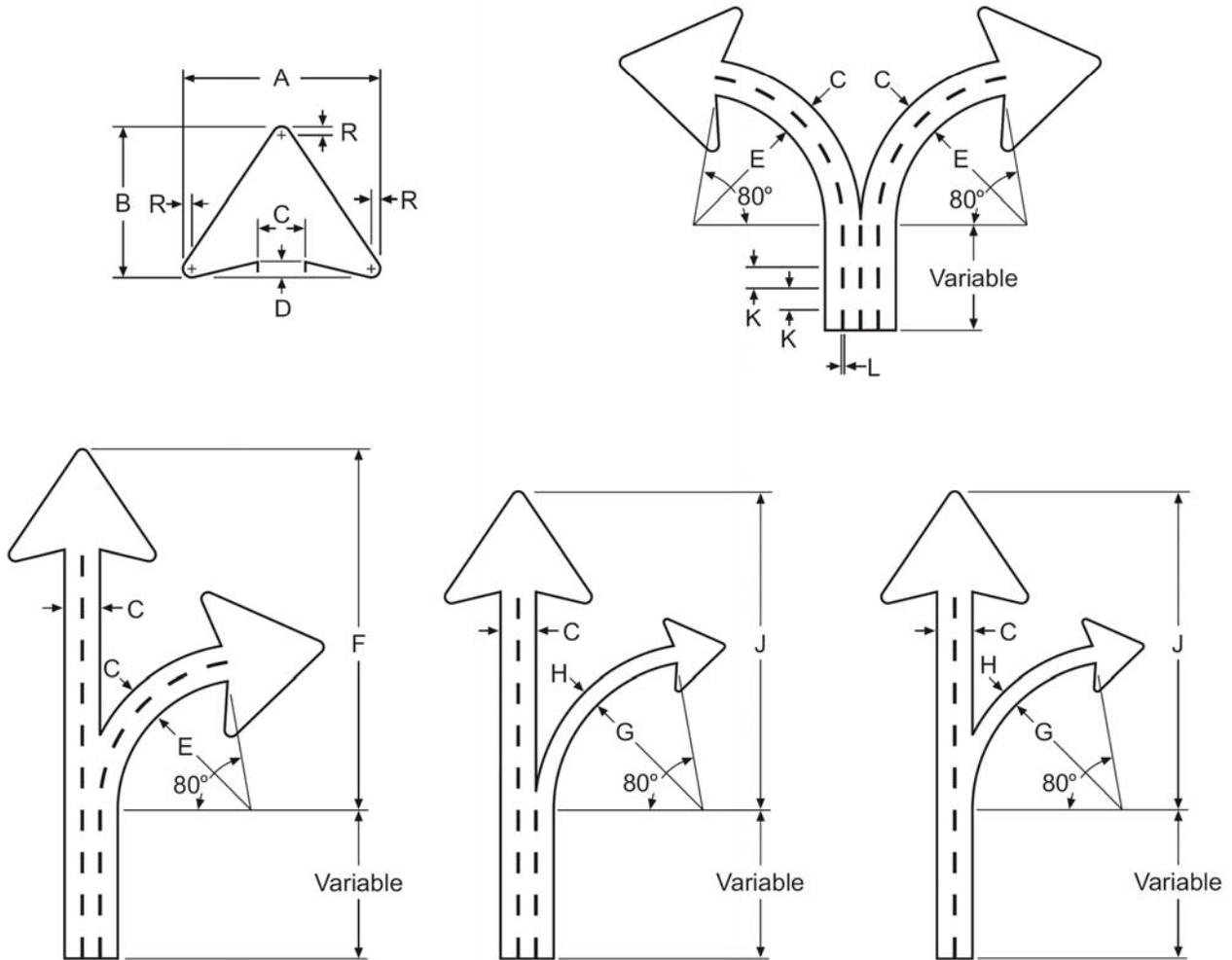
Vertical Down Arrow

Dimensions in Inches					
A	B	C	D	E	R
24	12	5	2	16-1/2	3/4
32	16	6-1/2	3	22	1

Dimensions in Millimeters					
A	B	C	D	E	R
610	305	127	51	419	19
813	406	165	76	559	25

Figure 2D-2 (CA). Arrows for Use on Guide Signs (Sheet 3 of 3)

Arrows for Diagrammatic Signs



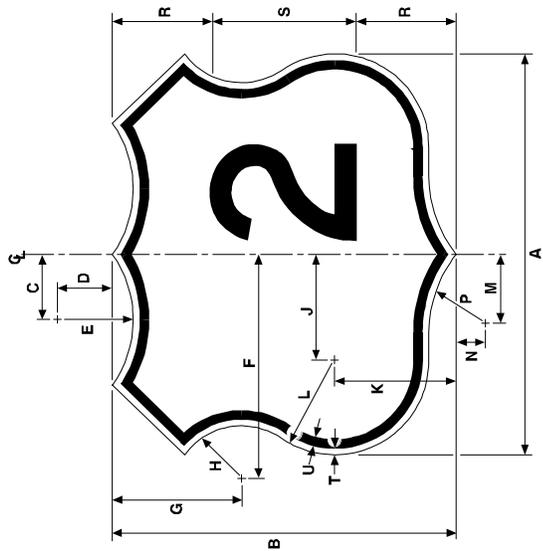
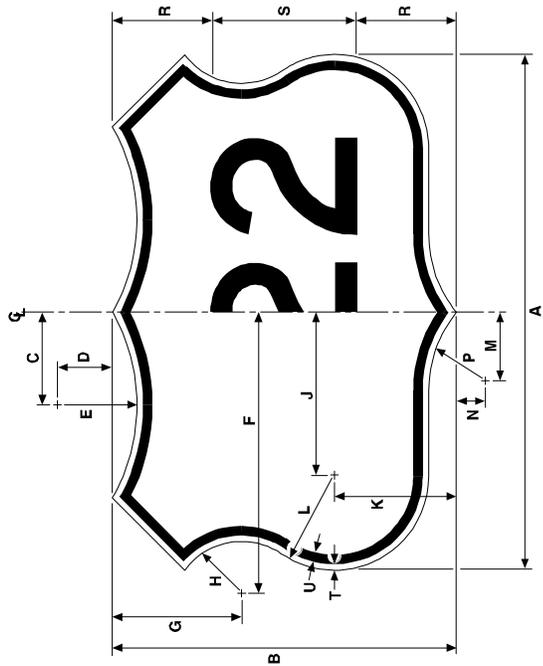
Letter Sizes	Dimensions in Inches											
	A	B	C	D	E	F	G	H	J	K	L	R
13.3 U.C.	29	19	6-1/2	2-1/4	24	66	27-1/2	3-1/4	60	4	5/8	1-3/8
16 U.C.	35	22-3/4	8	2-3/4	29-1/2	84	33-1/2	4	72	4-3/4	3/4	1-5/8
20 U.C.	43-3/4	28-1/2	10	3-1/2	37	102	42	5	90	6	1	2

Letter Sizes	Dimensions in Millimeters											
	A	B	C	D	E	F	G	H	J	K	L	R
330 U.C.	737	483	165	57	610	1676	699	83	1524	102	16	35
400 U.C.	889	578	203	70	749	2134	851	102	1829	121	19	41
500 U.C.	1111	724	254	89	940	2591	1067	127	2286	152	25	51

MUTCD NUMBER **M1-4**

U.S. SHIELDS ON GUIDE SIGNS

CODE **G26-1**
(English)



COLORS :
BACKGROUND - WHITE (REFLECTIVE)
BORDER & LEGEND - BLACK
(NON-REFLECTIVE)

DIMENSIONS (INCHES)

	4" Numerals		8" Numerals		10" Numerals		12" Numerals		15" Numerals		18" Numerals	
	2 Digits	3 Digits	2 Digits	3 Digits	2 Digits	3 Digits	2 Digits	3 Digits	2 Digits	3 Digits	2 Digits	3 Digits
A	11-5/8	15	21	27	28	36	35	45	42	54	49	63
B	10	10	18	18	24	24	30	30	36	36	42	42
C	1-7/8	2-3/4	3-7/16	4-15/16	4-9/16	6-9/16	5-11/16	8-3/16	6-13/16	9-13/16	7-15/16	11-7/16
D	2-3/4	5-7/8	4-15/16	10-5/8	6-9/16	14-3/16	8-3/16	17-11/16	9-13/16	21-1/4	11-7/16	24-3/4
E	3-5/16	5-9/16	6	11-3/4	8	15-11/16	10	19-5/8	12	23-9/16	14	27-1/2
F	7-3/16	8-7/8	12-5/8	15-5/8	16-7/8	20-7/8	21-1/16	26-1/16	25-1/4	31-1/4	29-1/2	36-1/2
G	3-3/4	3-3/4	6-3/4	6-3/4	9	9	11-1/4	11-1/4	13-1/2	13-1/2	15-3/4	15-3/4
H	2-1/16	2-1/16	3-11/16	3-11/16	4-7/8	4-7/8	6-1/8	6-1/8	7-3/8	7-3/8	8-9/16	8-9/16
J	3-1/8	4-13/16	5-9/16	8-9/16	7-7/16	11-7/16	9-5/16	14-5/16	11-3/16	17-3/16	13-1/16	20-1/16
K	3-1/2	3-1/2	6-5/16	6-5/16	8-7/16	8-7/16	10-9/16	10-9/16	12-11/16	12-11/16	14-13/16	14-13/16
L	2-3/4	2-3/4	4-15/16	4-15/16	6-9/16	6-9/16	8-3/16	8-3/16	9-13/16	9-13/16	11-7/16	11-7/16
M	2-5/16	2-5/16	4-1/8	4-1/8	5-1/2	5-1/2	6-7/8	6-7/8	8-1/4	8-1/4	9-5/8	9-5/8
N	2-7/8	2-7/8	5-3/16	5-3/16	6-7/8	6-7/8	8-5/8	8-5/8	10-3/8	10-3/8	15-5/16	15-5/16
P	3-11/16	3-11/16	6-5/8	6-5/8	8-13/16	8-13/16	11	11	13-3/16	13-3/16	15-3/8	15-3/8
R	3	3	5	5	7	7	9	9	10-1/2	10-1/2	12	12
S	4D	4D	8D	8D	10D	10D	12D	12D	15D	15D	18D	18D
T	5/16	5/16	1/2	1/2	9/16	9/16	3/4	3/4	7/8	7/8	1	1
U	3/8	3/8	9/16	9/16	3/4	3/4	7/8	7/8	1	1	1-1/4	1-1/4

- THE POLICY FOR INTENDED USAGE OF THIS SIGN IS SHOWN ON REVERSE SIDE -

Gerry Kreis
CHIEF, OFFICE OF SIGNS AND DELINEATION

6/3/02

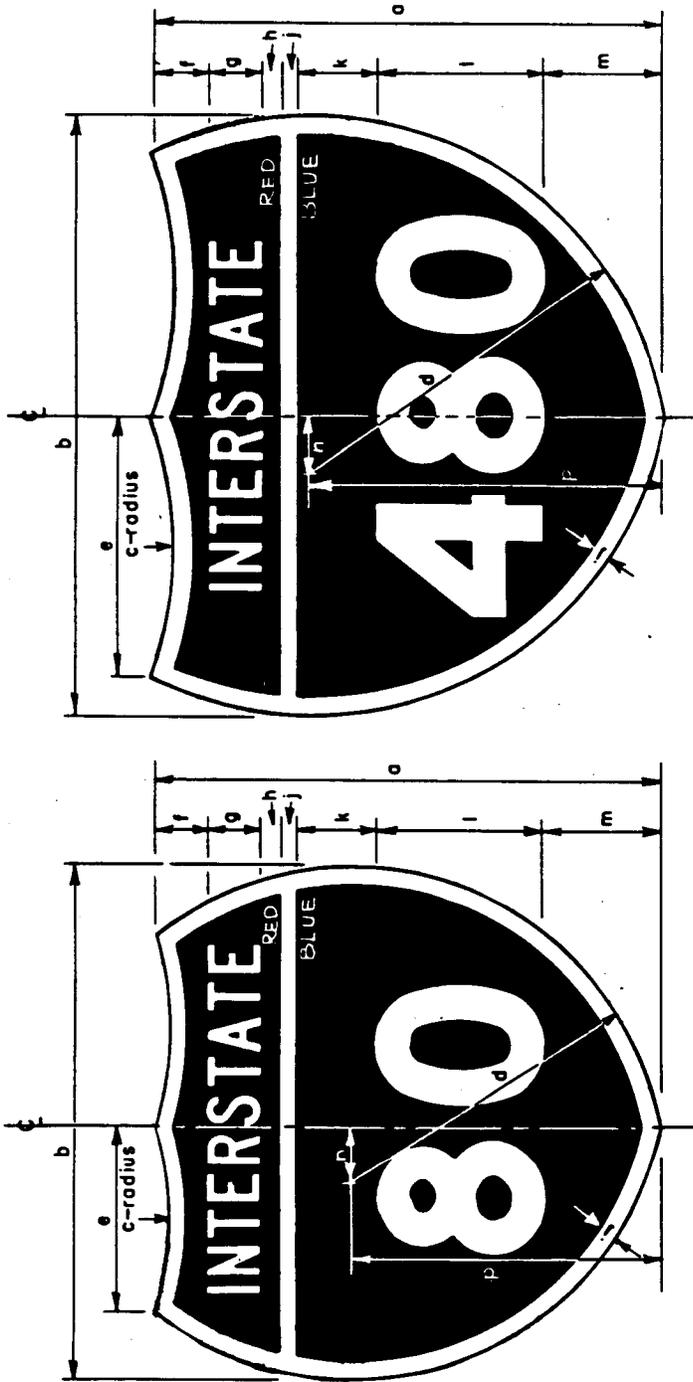
DATE

REVISION

REVISION

INTERSTATE SHIELDS ON GUIDE SIGNS

CODE G27-1



To be used for some AGA numerals:

- 3 digit 10" num. - reduce num. ht. to 8"
- 3 digit 12" num. - use the 38"x 45" shield.
- 3 digit 15" num. - reduce num. ht. to 12"

** 1-5/16" for cut-out borders.

* 1" for cut-out borders.

a	4" Numerals		6" Num's		8" Num's		10" Numerals		12" Num's		15" Numerals		18" Numerals	
	2 Digits	3 Digits	3 Digits	2 Digits	2 Digits	3 Digits	2 Digits	3 Digits	3 Digits	2 Digits	2 Digits	3 Digits	2 Digits	3 Digits
b	12	14	18	18	18	24	24	25	36	36	36	38	48	51
c	14	16	21	21	21	24	24	30	36	36	36	45	48	58
d	8-1/8	7-1/8	13-1/8	13-1/8	13-1/8	15	15	17-1/2	22-1/2	22-1/2	22-1/2	26-1/4	30	34
e	8-1/4	9	12-9/16	12-9/16	12-9/16	14-7/8	14-7/8	16-3/4	22-5/16	22-5/16	22-5/16	25-1/4	29-3/4	33
f	6	6-7/16	9-3/16	9-3/16	9-3/16	8-5/8	8-5/8	12-3/4	12-15/16	12-15/16	12-15/16	19	17-1/4	23-3/8
g	1-3/8	1-3/8	1-7/8	1-7/8	1-7/8	2-5/16	2-5/16	2-5/8	3-7/16	3-7/16	3-7/16	3-13/16	4-3/4	5-1/4
h	1D	1D	1-7/8C	1-7/8C	1-7/8C	2D	2D	2D	3C	3C	3C	3D	5C	5D
i	3/8	3/8	5/8	5/8	5/8	7/8	7/8	13/16	1-5/16	1-5/16	1-5/16	1-5/16	2	1-3/4
j	1/2 *	1/2 *	9/16 **	9/16 **	9/16 **	3/4 **	3/4 **	3/4 **	1-1/8 **	1-1/8 **	1-1/8 **	1-1/8 **	1-1/2 **	1-1/2 **
k	1-1/4	1-1/2	2-3/4	2-3/4	1	2-9/16	2-9/16	2-9/16	3-1/8	3-1/8	3-1/8	3-1/8	4	4
l	4D	4D	6D	6D	8D	10D	10D	10D	12D	12D	15D	15D	18D	18D
m	3-1/2	4-3/4	4-5/16	4-5/16	4-1/16	5-1/2	5-1/2	6-1/4	12	12	9	10-5/8	12-3/4	15-1/2
n	1-1/4	1	2-1/16	2-1/16	2-1/16	2-7/8	2-7/8	1-3/4	4-5/16	4-5/16	4-5/16	2-3/4	5-3/4	4
p	8-3/16	8-15/16	12-7/16	12-7/16	12-7/16	14-5/8	14-5/8	16-11/16	21-15/16	21-15/16	21-15/16	25-1/8	29-1/4	32-3/4

APPROVED:

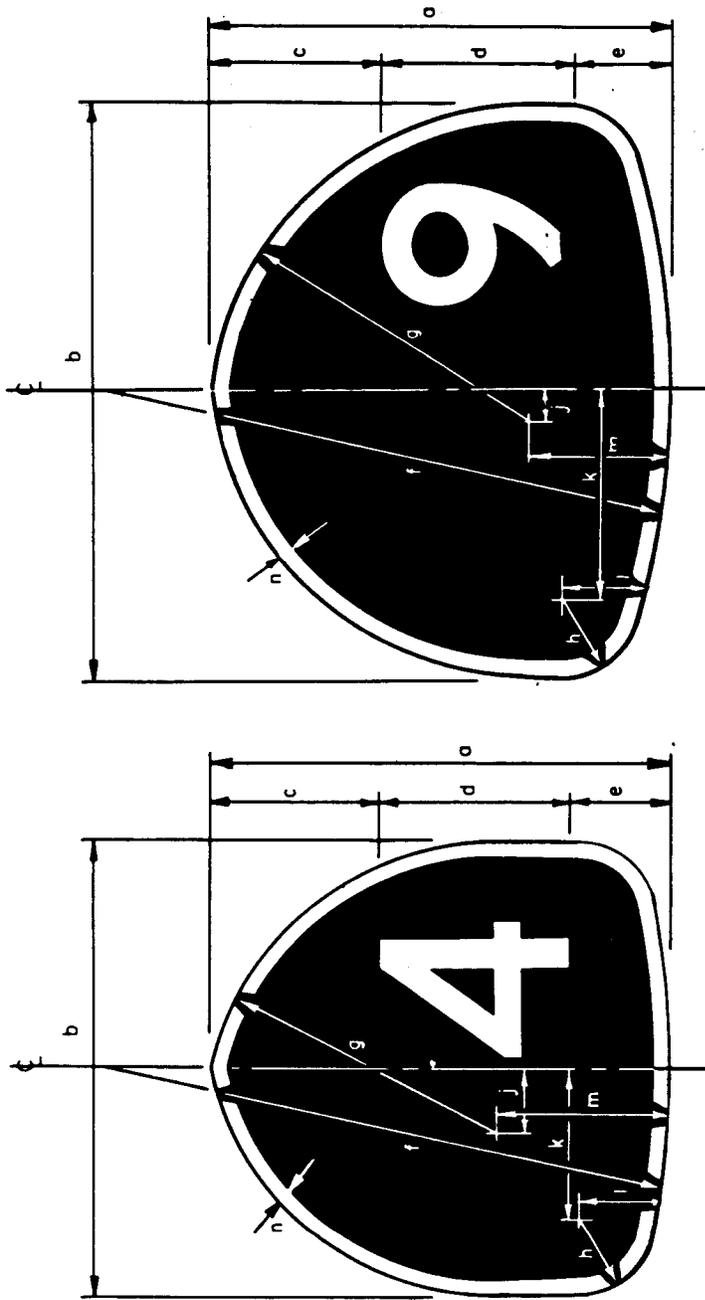
ACCP
TRAFFIC ENGINEER

11/15/71
DATE

8/27/93
REVISION

STATE SHIELDS ON GUIDE SIGNS

CODE G28-1



Green background with white border and numerals.

* 1" for cut-out borders.

** 1-5/16" for cut-out borders.

	4" Numerals		8" Numerals		10" Numerals		12" Numerals		15" Numerals		18" Numerals	
	2 Digits	3 Digits	2 Digits	3 Digits	2 Digits	3 Digits	2 Digits	3 Digits	2 Digits	3 Digits	2 Digits	3 Digits
a	9	11	18	18	25	25	32	32	36	36	42	42
b	10-1/2	15	21	24	28	32	35	40	36	45	42	54
c	3-1/4	4-3/4	6-1/2	6-1/2	10	10	13	13	13-1/2	13-1/2	15-1/2	15-1/2
d	40	40	80	80	100	100	120	120	150	150	180	180
e	1-3/4	2-1/4	3-1/2	3-1/2	5	5	7	7	7-1/2	7-1/2	8-1/2	8-1/2
f	14-3/4	18	29-1/2	32-7/16	41	41	53-7/16	53-7/16	65	65	75-7/16	75-7/16
g	6-7/16	8-1/2	13-1/16	13-1/16	17-7/16	17-7/16	21-1/16	21-1/16	23	25	26-13/16	30
h	2-3/16	2-1/4	4-3/8	4-3/8	5-13/16	5-13/16	5-11/16	5-11/16	6	6	6-15/16	7-1/8
i	1-3/16	1	2-9/16	1-1/16	3-7/16	1-7/16	3-9/16	1-1/16	5	2-1/2	5-13/16	3
k	3-1/16	5-1/4	6-1/8	7-5/8	8-3/16	10-3/8	11-13/16	14-5/16	12	16-1/2	14-1/16	19-7/8
l	2-9/16	3-1/8	5-1/8	5-7/16	6-13/16	7-3/8	7-1/8	7-7/8	7-1/4	8-3/8	8-3/8	10
m	2-11/16	2-1/2	5-3/16	5	7-7/8	7-5/8	11-1/4	10-15/16	13-9/16	11-1/8	15-7/8	12-1/8
n	1/2 *	1/2 *	3/4 **	3/4 **	1 **	1 **	1-1/2 **	1-1/2 **	1-3/4 **	1-3/4 **	2 **	2 **

APPROVED

Acosta
TRAFFIC ENGINEER

11/15/71
D.F.E.

REVISION

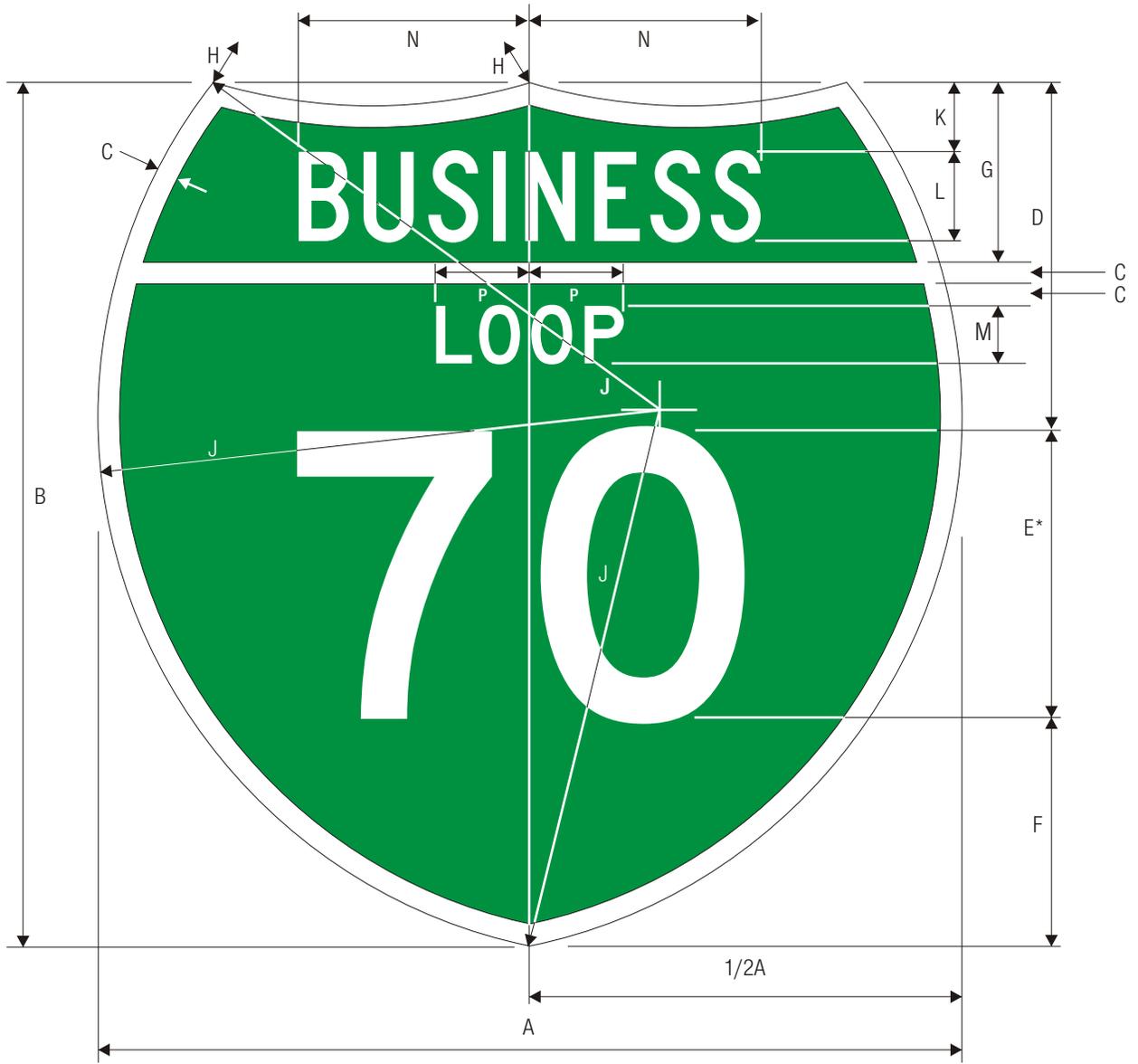


M1-1
INTERSTATE ROUTE

*Series 2000 Standard Alphabets.
**Optically space numerals about vertical centerline.

SIGN	A	B	C	D	E	F	G	H	J	K	L	M
1,2 digits	24	24	.5	7.625	10 D	6.375	5	15	15	2	2.5 C	7.658
1,2 digits	36	36	.75	11.5	15 D	9.5	7.5	22.5	22.5	2.75	4 C	12.246
1,2 digits	48	48	1	15.375	20 D	11	10	30	30	4	5 C	15.307
3 digits	30	24	.5	7.625	10 C	6.375	5	24	17	2	2.5 E	10.911
3 digits	45	36	.75	11.5	15 C	9.5	7.5	36	25.5	2.75	4 E	17.455
3 digits	60	48	1	15.375	20 C	11	10	48	34	4	5 E	21.818

COLORS: LEGEND – WHITE (RETROREFLECTIVE)
TOP – RED (RETROREFLECTIVE)
BOTTOM – BLUE (RETROREFLECTIVE)



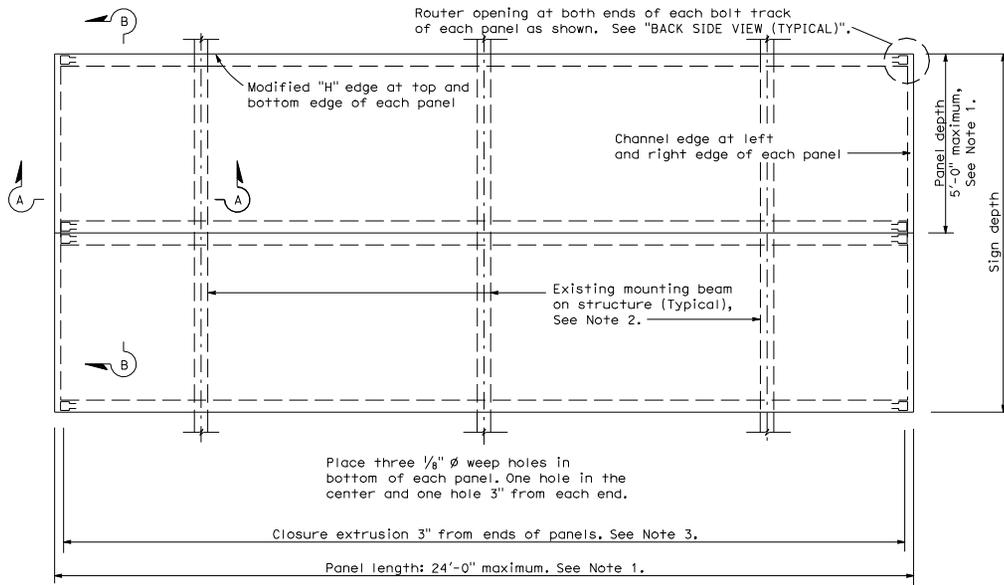
M1-2
OFF-INTERSTATE BUSINESS ROUTE (LOOP)

SIGN	A	B	C	D	E	F	G	H	J	K	L	M
1,2 digits	24	24	.5	8	10 D	6	5	15	15	2	2.5 C	1.5 D
1,2 digits	36	36	.75	12	15 D	9	7.5	22.5	22.5	3	3.75 C	2.25 D
1,2 digits	48	48	1	16	20 D	12	10	30	30	4	5 C	3 D
3 digits	30	24	.5	8	10 D	6	5	24	17	2	2.5 C	1.5 D
3 digits	45	36	.75	12	15 D	9	7.5	36	25.5	3	3.75 C	2.25 D
3 digits	60	48	1	16	20 D	12	10	48	34	4	5 C	3 D

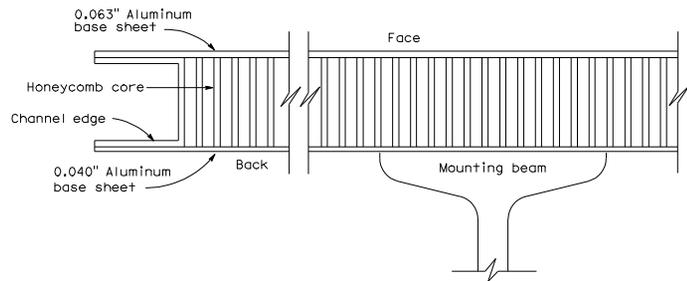
N	P
6.625	2.5
9.938	3.75
13.25	5
6.625	2.5
9.938	3.75
13.25	5

*Optically space numerals about vertical centerline.

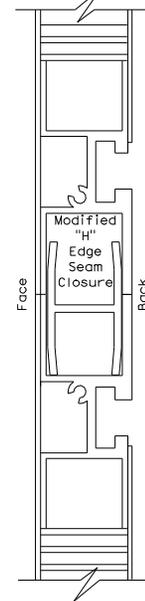
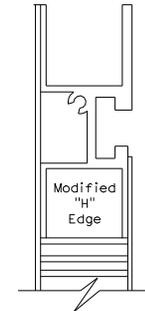
COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)



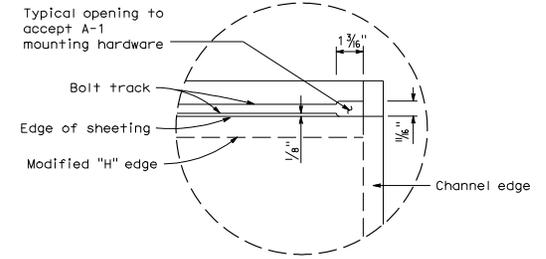
FACE VIEW OF LAMINATED PANEL
Two panels shown



SECTION A-A



SECTION B-B



BACK SIDE VIEW (TYPICAL)
NO SCALE

NOTES:

1. Panel length shall be graduated in increments of 1'-0". Panel depth shall be 1'-8" to 5'-0", graduated in increments of 10".
2. Unless otherwise shown on the plans, refer to applicable Standard Plan for location of structure supports and mounting details.
3. For multiple panel signs, see Standard Plan S85 for seam closure extrusion quantities.
4. See Standard Plan S86 for extrusion details.
5. See Standard Plan S87 for A-1 and Standard Plan S88 for A-2 mounting hardware.
6. Extrusions shall be joined as specified in the Special Provisions.
7. All horizontal extrusions shall be continuous.

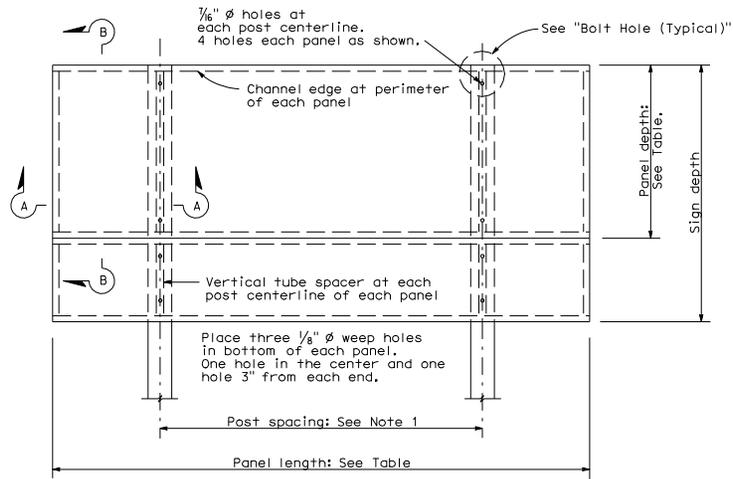
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**OVERHEAD LAMINATED SIGN
SINGLE OR MULTIPLE PANEL
TYPE A (1" THICK)**

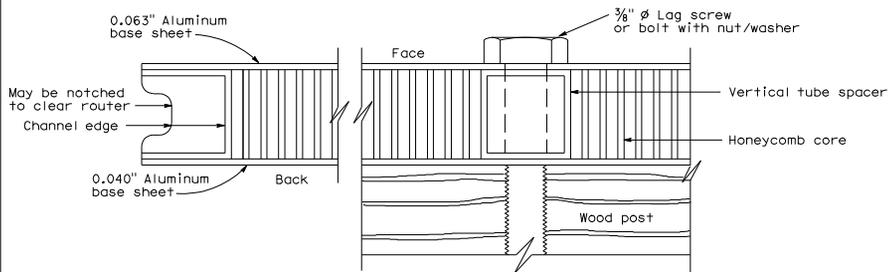
NO SCALE

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

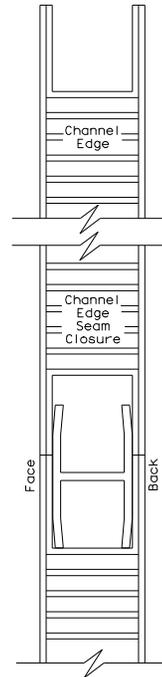
Jeffrey B. Woodley
 REGISTERED CIVIL ENGINEER
 May 1, 2006
 PLANS APPROVAL DATE
 No. C41260
 Exp. 3-31-07
 CIVIL
 STATE OF CALIFORNIA
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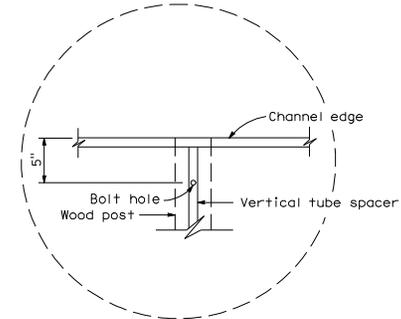
FACE VIEW OF LAMINATED PANEL
Two panels shown



SECTION A-A



SECTION B-B



BOLT HOLE (TYPICAL)

NOTES:

1. See Standard Plan S85 for post spacing table.
2. See Standard Plan S86 for extrusion details.
3. All horizontal extrusions shall be continuous.
4. Depth and length of panel shall be graduated in increments of 6".
5. For multiple panel signs, see Standard Plan S85 for seam closure extrusion quantities.
6. Extrusions shall be joined as specified in the Special Provisions.

TABLE
TYPE B PANEL
1" Thick

Depth	Length
5'-0"	4'-6" to 15'-0"
4'-6"	4'-6" to 15'-0"
4'-0"	4'-6" to 15'-0"
3'-6"	4'-6" to 15'-0"
3'-0"	4'-6" to 15'-0"
2'-6"	4'-6" to 15'-0"
2'-0"	4'-6" to 15'-0"
1'-6"	4'-6" to 15'-0"

See Note 4

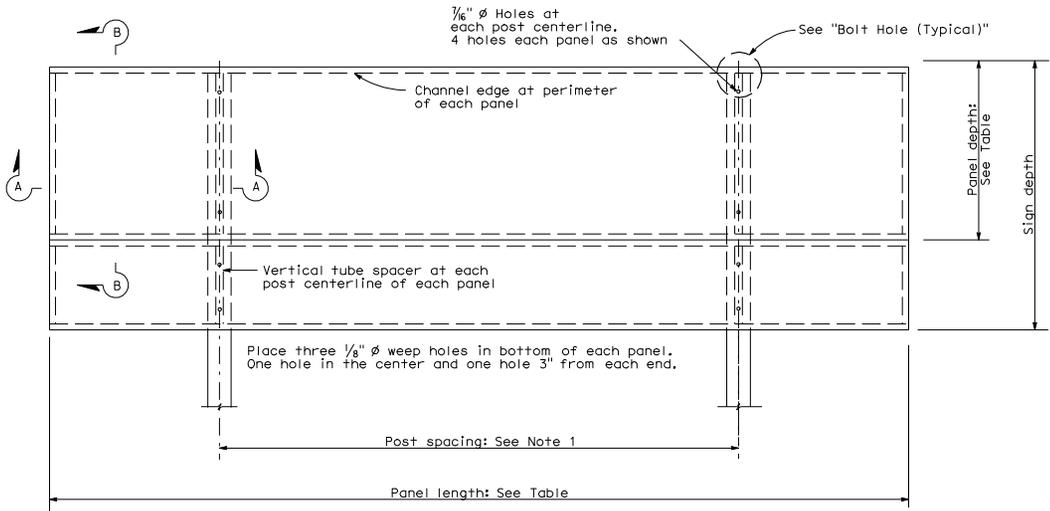
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

May 1, 2006
 PLANS APPROVAL DATE
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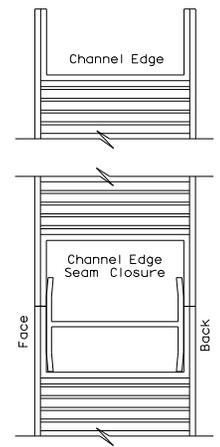
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**ROADSIDE LAMINATED SIGN
SINGLE OR MULTIPLE PANEL
TYPE B (1" THICK)**

NO SCALE

S82



FACE VIEW OF LAMINATED PANEL
Two panels shown



SECTION B-B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

May 1, 2006
PLANS APPROVAL DATE

Jeffrey B. Woody
No. 41260
Exp. 3-31-07
CIVIL
STATE OF CALIFORNIA

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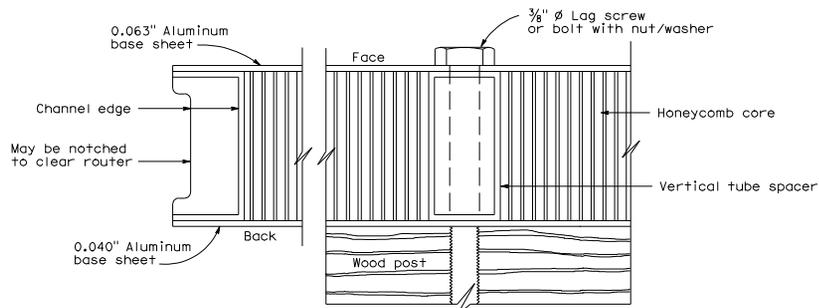
TABLE
TYPE B PANEL
2 1/2" Thick

Depth	Length
5'-0"	15'-6" to 16'-6"
4'-6"	15'-6" to 18'-6"
4'-0"	15'-6" to 20'-6"
3'-6"	15'-6" to 23'-6"
3'-0"	15'-6" to 24'-0"
2'-6"	15'-6" to 24'-0"
2'-0"	15'-6" to 24'-0"
1'-6"	15'-6" to 24'-0"

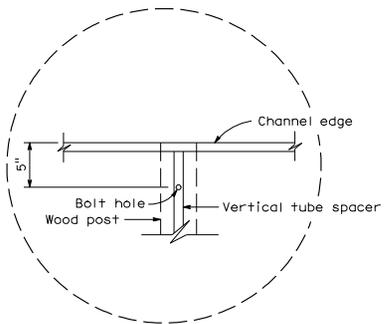
See Note 4

NOTES:

1. See Standard Plan S85 for post spacing table.
2. See Standard Plan S86 for extrusion details.
3. All horizontal extrusions shall be continuous.
4. Depth and length of panel shall be graduated in increments of 6".
5. For multiple panel signs, see Standard Plan S85 for seam closure extrusion quantities.
6. Extrusions shall be joined as specified in the Special Provisions.



SECTION A-A

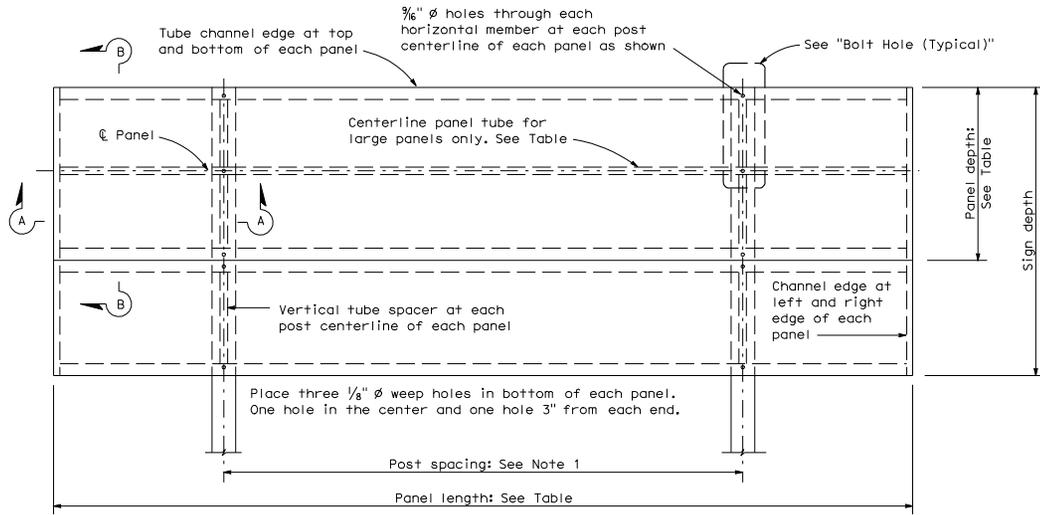


BOLT HOLE (TYPICAL)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**ROADSIDE LAMINATED SIGN
SINGLE OR MULTIPLE PANEL
TYPE B (2 1/2" THICK)**

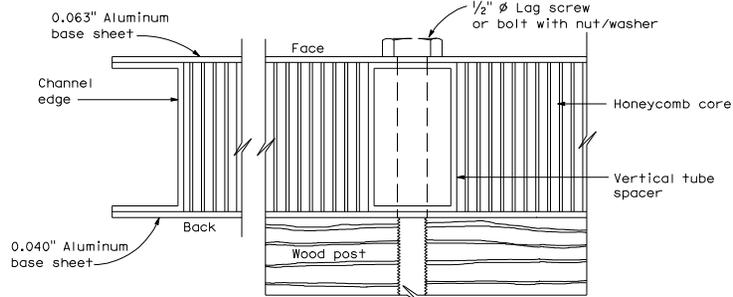
NO SCALE

S83

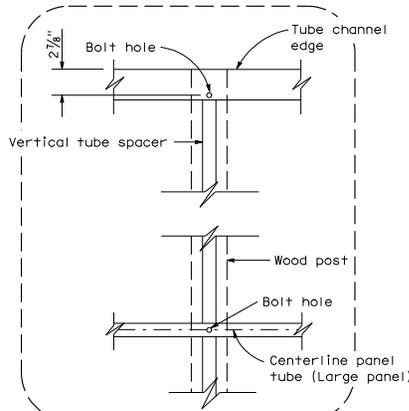


FACE VIEW OF LAMINATED PANEL

Two panels shown

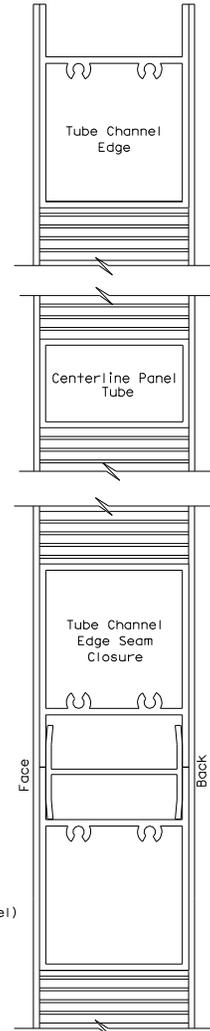


SECTION A-A



BOLT HOLE (TYPICAL)

Large panel shown



SECTION B-B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

May 1, 2006
 PLANS APPROVAL DATE
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TABLE A

Panel Depth	Panel Length
5'-0"	17'-0" to 24'-0"
4'-6"	19'-0" to 24'-0"
4'-0"	21'-0" to 24'-0"
3'-6"	24'-0"

See Notes 4 and 7.

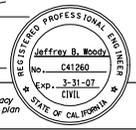
NOTES:

1. See Standard Plan S85 for post spacing table.
2. See Standard Plan S86 for extrusion details.
3. All horizontal extrusions shall be continuous.
4. Depth and length of panel shall be graduated in increments of 6".
5. For multiple panel signs, see Standard Plan S85 for seam closure extrusion quantities.
6. Extrusions shall be joined as specified in the Special Provisions.
7. Panels with the dimensions shown in Table A are designated as large panels.

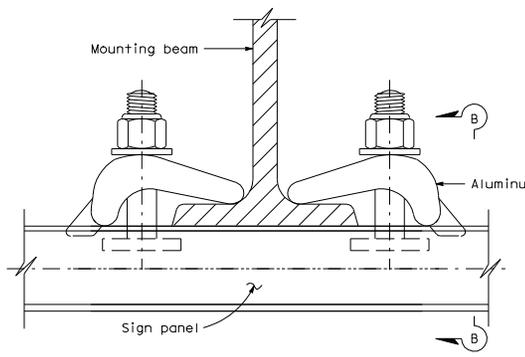
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**ROADSIDE LAMINATED SIGN
 SINGLE OR MULTIPLE PANEL
 TYPE H (2 1/2" THICK)**

NO SCALE

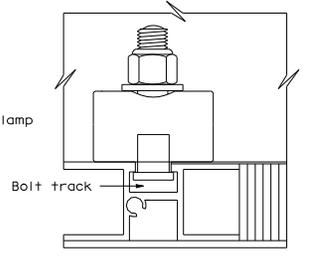
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS



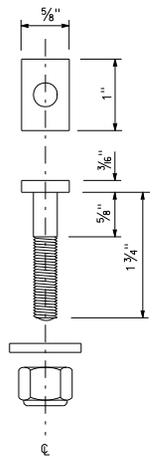
 REGISTERED CIVIL ENGINEER
 May 1, 2006
 PLANS APPROVAL DATE
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TYPICAL ALUMINUM CLAMP MOUNTING



SECTION B-B
TYPICAL BOLTED CONNECTION
TO STRUCTURE SUPPORT



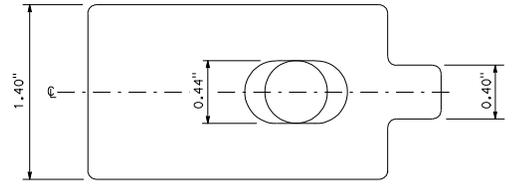
STAINLESS STEEL BOLT

A-1 HARDWARE QUANTITY TABLE

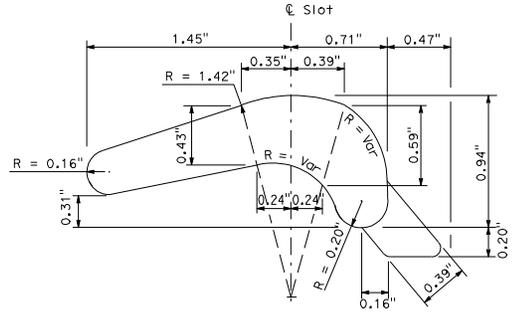
SIGN LENGTH	SIGN DEPTH See Note 6	UNITS REQUIRED See Note 5
15'-0" or less	4'-2" - 5'-0"	4
16'-0" - 24'-0"	4'-2" - 5'-0"	6
15'-0" or less	5'-10" - 10'-0"	8
16'-0" - 24'-0"	5'-10" - 10'-0"	12

NOTES:

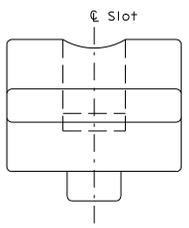
1. Refer to applicable Standard Plan for additional mounting details.
2. Mounting clamp shall be aluminum casting as specified in the Special Provisions.
3. Rectangular head bolt, hexagon stop nut, and flat washer shall be 3/8" diameter (18-8) stainless steel.
4. One unit of A-1 hardware shall consist of two sets of these components: clamp, bolt, nut and washer.
5. Signs 9'-2" and 10'-0" in depth may be fabricated in three panel sections to avoid legend from being placed on a horizontal seam. Increase number of units of mounting hardware accordingly.



TOP VIEW



SIDE VIEW

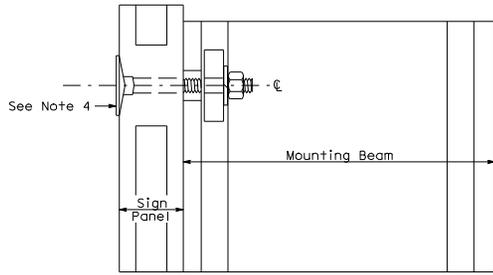


FRONT VIEW

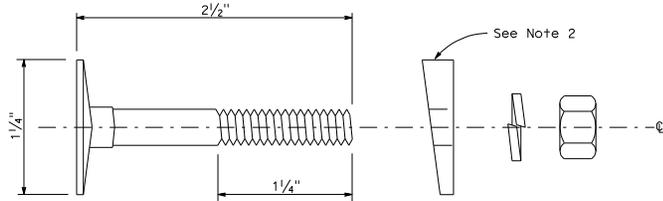
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TYPE A-1 MOUNTING HARDWARE
OVERHEAD LAMINATED
TYPE A PANEL
TRUSS AND LIGHTWEIGHT
SIGN STRUCTURES**

NO SCALE

S87



SIDE VIEW



MOUNTING HARDWARE

A-2 HARDWARE QUANTITY TABLE

SIGN LENGTH	SIGN DEPTH See Note 3	UNITS REQUIRED See Note 5
14'-0" or less	4'-2" - 5'-0"	9
15'-0" - 24'-0"	4'-2" - 5'-0"	13
20'-0" - 24'-0"	4'-2" - 5'-0"	13
14'-0" or less	5'-10" - 10'-0"	17
15'-0" - 24'-0"	5'-10" - 10'-0"	25
20'-0" - 24'-0"	5'-10" - 10'-0"	26

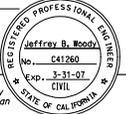
NOTES:

1. Refer to applicable Standard Plan for additional mounting details.
2. Beveled washer for tapered flange only.
3. Elevator head bolt, hexagon nut, and lock washer shall be 5/8" diameter (18-8) stainless steel.
4. Furnish retroreflective stick-ons for bolt head in same color as sign. Retroreflective stick-ons are applied at time of installation.
5. One unit of A-2 hardware shall consist of one each; bolt nut, washer and beveled washer.
6. Signs 9'-2" and 10'-0" in depth may be fabricated in three panel sections to avoid legend from being placed on a horizontal seam. Increase number of units of mounting hardware accordingly.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS


 REGISTERED CIVIL ENGINEER

May 1, 2006
 PLANS APPROVAL DATE



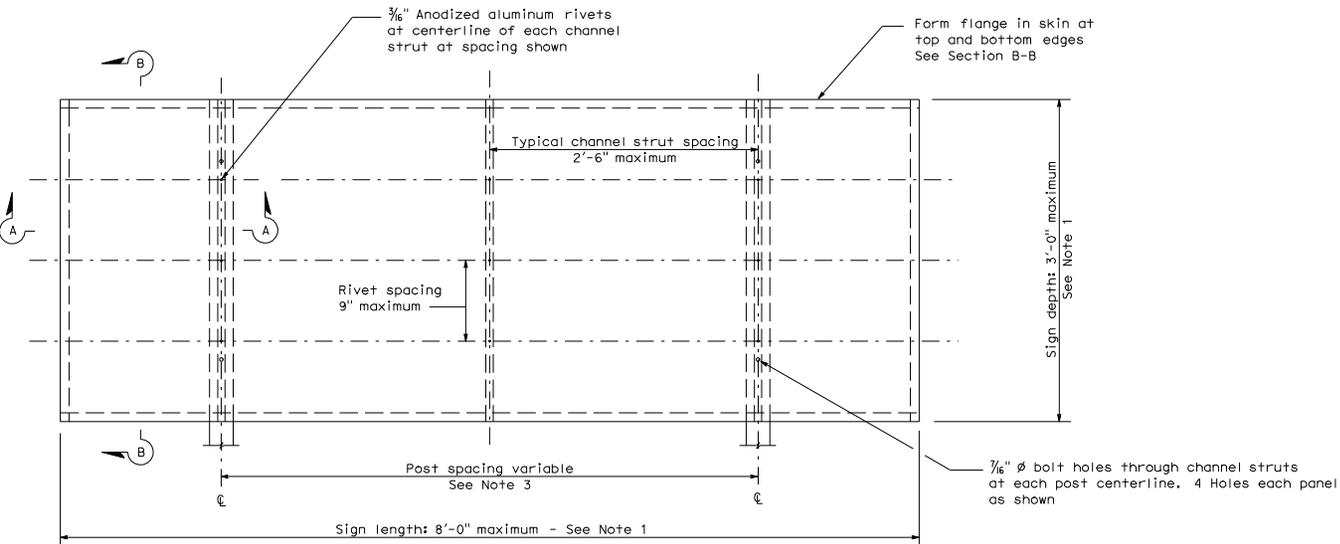
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.
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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

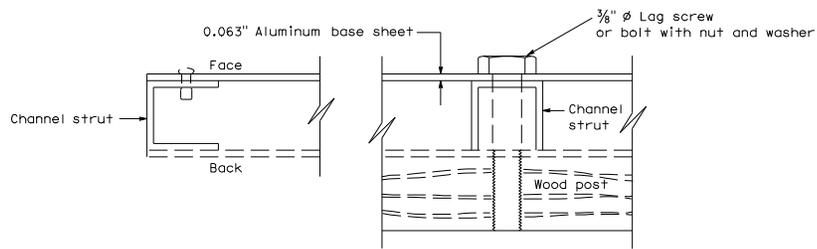
**TYPE A-2 MOUNTING HARDWARE
OVERHEAD LAMINATED
TYPE A PANEL
BRIDGE MOUNTED AND
TUBULAR SIGN STRUCTURES**

NO SCALE

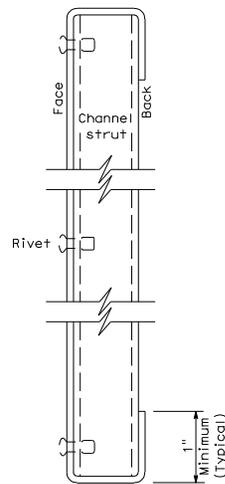
S88



FACE VIEW OF FORMED PANEL



SECTION A-A



SECTION B-B

NOTES:

1. Sign size to be graduated in 6" increments, both vertically and horizontally. Area of sign not to exceed 20 square feet.
2. Channel strut extrusions shall be 1" x 1" x 1/16" aluminum alloy 6063-T6.
3. See Standard Plan RS2 for post spacing and mounting details.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**ROADSIDE SIGN-FORMED
SINGLE SHEET ALUMINUM PANEL**

NO SCALE

S89

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

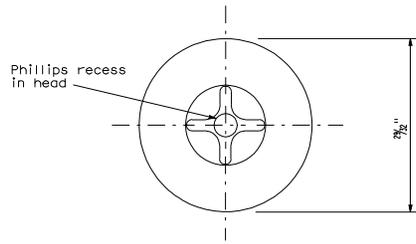
Jeffrey B. Woody
 REGISTERED CIVIL ENGINEER

May 1, 2006
 PLANS APPROVAL DATE

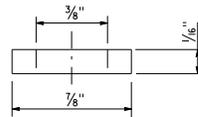
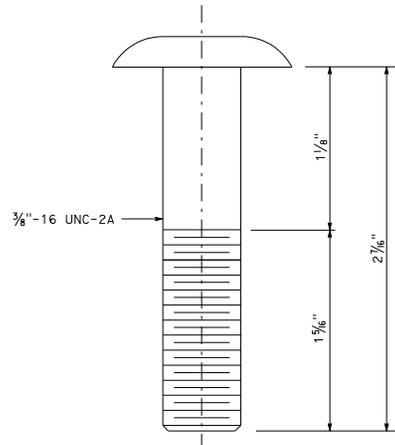
Jeffrey B. Woody
 No. C41260
 Exp. 3-31-07
 CIVIL
 STATE OF CALIFORNIA

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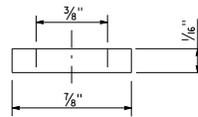
To get to the Caltrans web site, go to <http://www.dot.ca.gov>



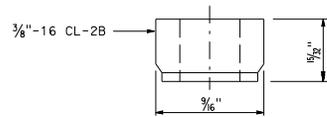
TRUSS HEAD BOLT
2024 Aluminum alloy per QQ-A-430
Anodize interstate green per MIL-A-8625



WASHER
Fiber/Nylon



WASHER
2024 Aluminum alloy
Clear anodize per MIL-A-8625



LOCKNUT WITH NYLON INSERT
2911-T3 Aluminum alloy or equivalent
Anodize per MIL-A-8625
Maximum torque - 60 in-lbs

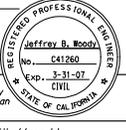
MOUNTING HARDWARE QUANTITY CHART

SIGN LENGTH	SIGN DEPTH	NUMBER OF UNITS REQUIRED
8'-0"	4'-2"	8
10'-0" - 12'-0"	4'-2"	12
14'-0" - 16'-0"	4'-2"	16
18'-0" - 20'-0"	4'-2"	20
22'-0" - 24'-0"	4'-2"	24
26'-0" - 28'-0"	4'-2"	28
30'-0" - 32'-0"	4'-2"	32
34'-0" - 36'-0"	4'-2"	36
38'-0" - 40'-0"	4'-2"	40
42'-0" - 44'-0"	4'-2"	44
46'-0" - 48'-0"	4'-2"	48
8'-0"	5'-0" - 8'-4"	12
10'-0" - 12'-0"	5'-0" - 8'-4"	18
14'-0" - 16'-0"	5'-0" - 8'-4"	24
18'-0" - 20'-0"	5'-0" - 8'-4"	30
22'-0" - 24'-0"	5'-0" - 8'-4"	36
26'-0" - 28'-0"	5'-0" - 8'-4"	42
30'-0" - 32'-0"	5'-0" - 8'-4"	48
34'-0" - 36'-0"	5'-0" - 8'-4"	54
38'-0" - 40'-0"	5'-0" - 8'-4"	60
42'-0" - 44'-0"	5'-0" - 8'-4"	66
46'-0" - 48'-0"	5'-0" - 8'-4"	72
8'-0"	9'-2" - 10'-0"	16
10'-0" - 12'-0"	9'-2" - 10'-0"	24
14'-0" - 16'-0"	9'-2" - 10'-0"	32
18'-0" - 20'-0"	9'-2" - 10'-0"	40
22'-0" - 24'-0"	9'-2" - 10'-0"	48
26'-0" - 28'-0"	9'-2" - 10'-0"	56
30'-0" - 32'-0"	9'-2" - 10'-0"	64
34'-0" - 36'-0"	9'-2" - 10'-0"	72
38'-0" - 40'-0"	9'-2" - 10'-0"	80
42'-0" - 44'-0"	9'-2" - 10'-0"	88
46'-0" - 48'-0"	9'-2" - 10'-0"	96

Unit - 1 Truss head bolt, 1 Nylon insert locknut, 1 washer (Fiber/Nylon), 1 washer (Aluminum)

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

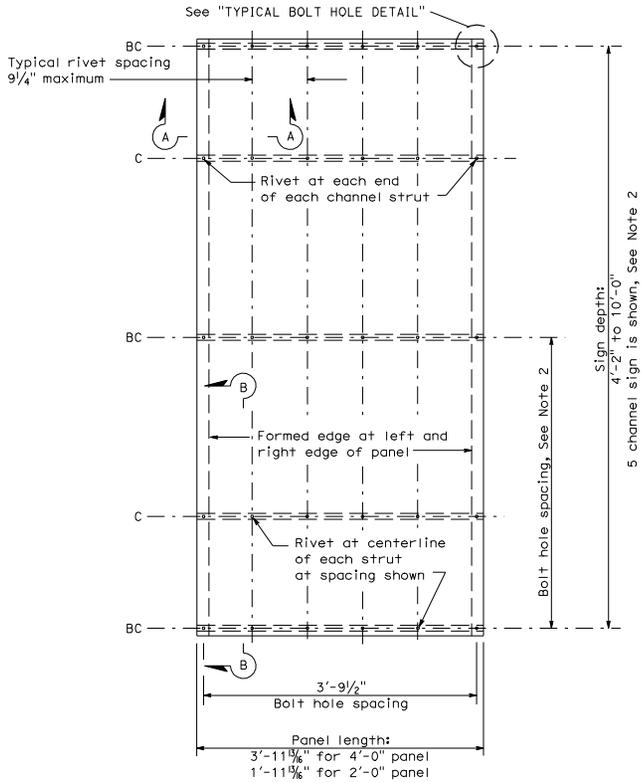

 REGISTERED CIVIL ENGINEER
 May 1, 2006
 PLANS APPROVAL DATE
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Jeffrey B. Woody
 No. C41260
 Exp. 3-31-07
 CIVIL
 STATE OF CALIFORNIA

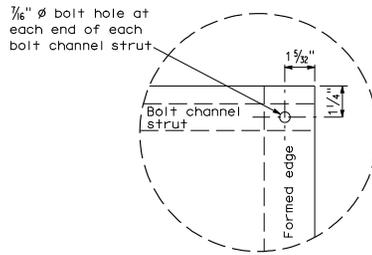
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**OVERHEAD SIGN FORMED SIGN
PANEL-TYPE A-3 MOUNTING
HARDWARE**

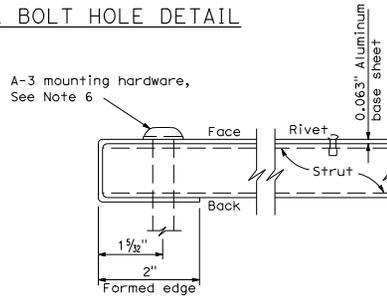
NO SCALE



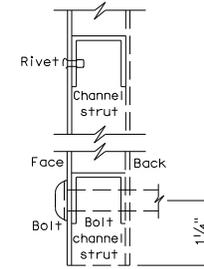
FACE VIEW OF FORMED PANEL
Single panel shown



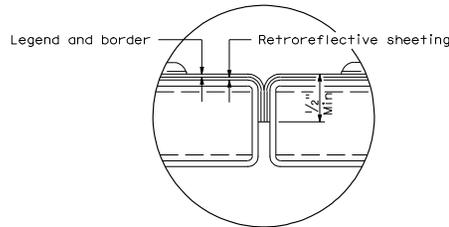
TYPICAL BOLT HOLE DETAIL



SECTION A-A



SECTION B-B



RETROREFLECTIVE SHEETING OVERLAP ON INTERIOR EDGES

Two panels shown

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Jeffrey B. Woody
 REGISTERED CIVIL ENGINEER
 No. C41260
 Exp. 3-31-07
 CIVIL
 STATE OF CALIFORNIA

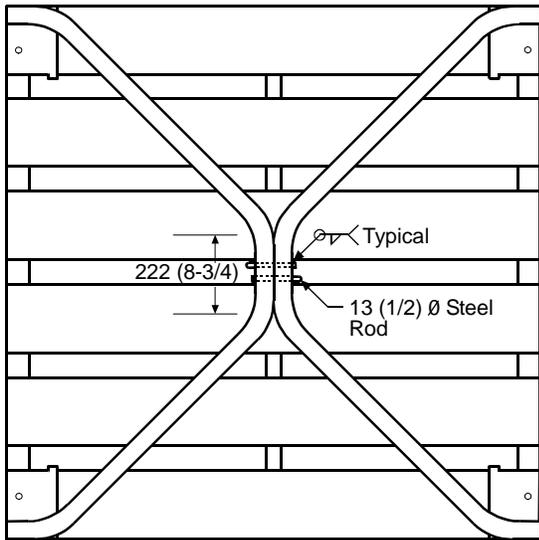
May 1, 2006
 PLANS APPROVAL DATE
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NOTES:

- "BC" indicates centerline of bolt channel strut. "C" indicates centerline of channel strut.
- See Standard Plan S90 for location and configuration of struts.
- Bolt channel and channel extrusions shall be 1" x 1" x 1/8" aluminum alloy 6063-T6.
- All rivets shall be 3/8" in diameter and anodized aluminum.
- See Standard Plan S88 for mounting details.
- See Standard Plan S91 for A-3 mounting hardware.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
OVERHEAD SIGN FORMED SIGN PANEL
NO SCALE

S92

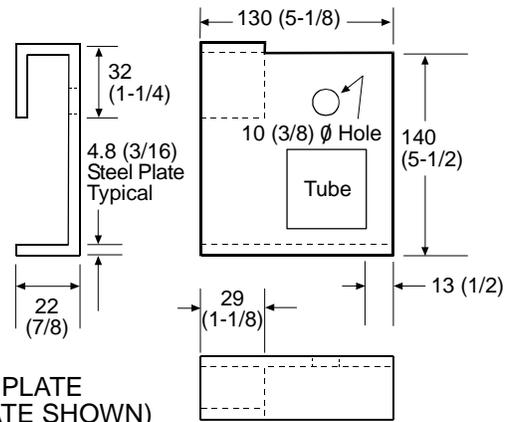


TOP VIEW

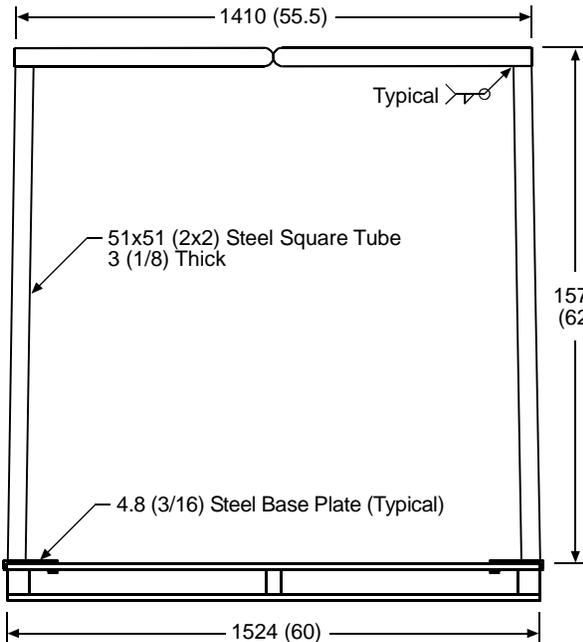
133
(5-1/4)

Notes:

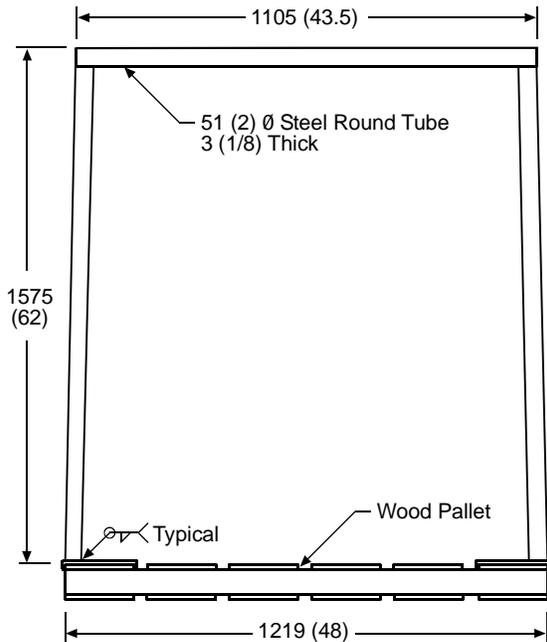
1. Metric equivalents calculated using a factor of 25.4 millimeters per inch.
2. All dimensions are in millimeters (inches).
3. Maximum 4 loads high.
4. Color is blue.
5. 2,000 pounds capacity.
6. Each base plate screwed to wood pallet.



BASE PLATE
(RIGHT PLATE SHOWN)



FRONT VIEW



SIDE VIEW

CONTENTS

- (a) Contact List
- (b) Example of Sign Order
- (c) Example of Purchase Order
- (d) Format of Aged Receivables Report
- (e) Format of Quarterly Report

DISTRICT SIGN COORDINATORS

Revised April 17, 2007

<u>DISTRICT 1</u> EUREKA	
DEB MEREDITH	(707) 445-6379 fax (707) 441-5826 email deb_meredith@dot.ca.gov
<u>DISTRICT 2</u> REDDING	
KEITH ARNETT	(530) 225-3472 fax (530) 225-3299 email keith_arnett@dot.ca.gov
<u>DISTRICT 3</u> MARYSVILLE	
JANICE AGESEN	(530) 741-5756 fax (530) 741-5762 email jan_agesen@dot.ca.gov
JAN HOEHN	(530) 741-5757 fax (530) 741-5762 email jan_hoehn@dot.ca.gov
<u>DISTRCT 4</u> OAKLAND	
JULIE DE LA CRUZ	(510) 286-4633 fax (510) 286-4618 email julie_dela_cruz@dot.ca.gov
<u>DISTRICT 5</u> SAN LUIS OBISPO	
MARK BEWLEY	(805) 549-3026 fax (805) 549-3045 email mark_bewley@dot.ca.gov
<u>DISTRICT 6</u> FRESNO	
DAVID WRIGHT	(559) 488-4118 fax (559) 488-4090 email david_wright@dot.ca.gov
<u>DISTRICT 7</u> LOS ANGELES	
ABBAS AALEM	(213) 897-0299 fax (213) 897-8266 email abbas_aalem@dot.ca.gov
<u>DISTRICT 8</u> SAN BERNARDINO	
JIM WINTER	(909) 383-4771 fax (909) 383-5903 email jim_winter@dot.ca.gov
<u>DISTRICT 9</u> BISHOP	
GLENN CLARK	(760) 872-5241 fax (760) 872-5253 email glenn_clark@dot.ca.gov
<u>DISTRICT 10</u> STOCKTON	
ROCHELLE PUTHUFF	(209) 948-7956 fax (209) 948-7651 email rochelle_puthuff@dot.ca.gov
<u>DISTRICT 11</u> SAN DIEGO	
LAURE WELLMAN	(619) 688-3253 fax (619) 688-3231 email laure_N_wellman@dot.ca.gov
<u>DISTRICT 12</u> ORANGE CO	
SHAHRDAD DERA VI	(949) 724-2664 fax (949) 724-2938 email shahrdad_deravi@dot.ca.gov
<i>Accounts payable</i>	
ANGELA SARTAIN	(916) 227-4297 fax (916) 227-9735 email angela_sartain@dot.ca.gov
<i>Sacramento Warehouse</i>	
SIMON PALAROAN	(916) 322-5172 fax (916) 327-0688 email simon_palaroan@dot.ca.gov
<i>Procurement & Contracts</i>	
John Williams	(916) 227-5666 fax (916) 227-6140 email john_W_williams@dot.ca.gov
<i>Traffic Operations</i>	
Greg Edwards	(916) 654-3507 fax (916) 653-3055 email greg_edwards@dot.ca.gov



SHIP TO ADDRESS: Marysville Sign Yard 1315 Yuba Street Marysville, CA 95901		COUNTY: SAC	ROUTE: 99	POSTMILE: 24.069
RECEIVER NAME & PHONE #: John Doe / (916) 555-4444		SIGN ORDER #: 06-111-06	PURCHASE ORDER #:	SIGN CONTRACT #:

SIGN COORDINATOR NAME & PHONE #:
Pat Smith / (916) 555-5555

ITEM: 1	QTY: 1	CODE: G83-1	SIZE: 180" x 78"	COLOR: White on Green	LOCATION: SB Rte. 99 @ PM 24.069
-------------------	------------------	-----------------------	----------------------------	---------------------------------	--

Single Sheet:
 Framed
 Unframed
 FRP (0.135")
 Aluminum
 0.063" 0.080" 0.125"
Formed or Laminated:
 Roadside
 Overhead
 Formed
 Laminated
 1" Type A 1" Type B
 2 1/2" Type B 2 1/2" Type H

Protective Overlay:
 Standard Film
 Premium Film
Background:
 Single-Faced
 Double-Faced
 Opaque
 Retroreflective Type:
 II III IV VII VIII IX
Legend:
 1-color 2-color 3-color 4-color
 Non-Reflective
 Retroreflective Type:
 II III IV VII VIII IX

Laminated Panel Overhead Hardware: A-1 A-2
 Formed Panel Overhead Hardware: A-3



LEGEND				ARROW DEG. (°)	ROUTE SHIELD SIZE (in)
LINE #	UC (in)	LC (in)	NUM (in)		
1	16EM	12EM			
2	12E		15E		

UNIT PRICE: \$ TOTAL PRICE: \$

ITEM: 2	QTY: 1	CODE: G85-4	SIZE: 216" x 138"	COLOR: White on Green	LOCATION: NB Rte. 99 @ PM 24.069
-------------------	------------------	-----------------------	-----------------------------	---------------------------------	--

Single Sheet:
 Framed
 Unframed
 FRP (0.135")
 Aluminum
 0.063" 0.080" 0.125"
Formed or Laminated:
 Roadside
 Overhead
 Formed
 Laminated
 1" Type A 1" Type B
 2 1/2" Type B 2 1/2" Type H

Protective Overlay:
 Standard Film
 Premium Film
Background:
 Single-Faced
 Double-Faced
 Opaque
 Retroreflective Type:
 II III IV VII VIII IX
Legend:
 1-color 2-color 3-color 4-color
 Non-Reflective
 Retroreflective Type:
 II III IV VII VIII IX

Laminated Panel Overhead Hardware: A-1 A-2
 Formed Panel Overhead Hardware: A-3



LEGEND				ARROW DEG. (°)	ROUTE SHIELD SIZE (in)
LINE #	UC (in)	LC (in)	NUM (in)		
1					36" x 36"
2	16EM	12EM			
3	16EM	12EM			
4				45	

UNIT PRICE: \$ TOTAL PRICE: \$

Prep. By: J.P.	Chkd. By: G.E.	District Traffic Engineer (Print Name): Joe Dokes	(Signature for Approval): <i>Joe Dokes</i>	Phone #: (916) 555-3333	Date: 9/20/06
--------------------------	--------------------------	---	---	-----------------------------------	-------------------------

DATE TO MAINT.	Construction Maintenance/Warehouse Contact (Name): Jack Hammer	Phone #: (916) 555-2222	Cell or Pager #: (916) 555-1111
----------------	--	-----------------------------------	---

PACKED BY-DATE:	NO. & TYPE - PKG. WT.:	SHIP DATE - BY:	SHIPPED VIA:	WT. BILL #:
-----------------	------------------------	-----------------	--------------	-------------

SUF	TC	MOD	SOURCE		CHG DIST.	EXPENDITURE AUTHORIZATION	SUB-JOB	SPECIAL DESIGNATION	FA	AGCY OBJ.	AMOUNT	FFY
			DIST	UNIT								
			51	365	03	936181		395500527	6	041	\$	
											\$	

INSTALLED BY (Print Name):	(Signature):	DATE:
----------------------------	--------------	-------

PURCHASING AUTHORITY PURCHASE ORDER

STD. 65 (REV. 7/2005)

CONTRACT REGISTRATION NUMBER		AGENCY ORDER NUMBER CD: 99 - 34035	AMENDMENT NO.
SUPPLIER: Agency Order Number must be shown on Invoices & packing slip.		DATE 10/23/2006	PAGE OF PAGES 1 1
S DEPARTMENT OF TRANSPORTATION		AGENCY BILLING CODE 60006	
H CARLSBAD MTCE STATION		PURCHASING AUTHORITY NUMBER 9G-1006-DOT-HQ1	
I CA 92009 M.S.		LEVERAGED PROCUREMENT AGREEMENT NO. 10-04-97-34	
P CARLSBAD CA 92009			
T PH:			
O FAX:			
B DEPARTMENT OF TRANSPORTATION			
I ACCOUNTING SERVICE CENTER PAYABLES			
L P. O. BOX 168018			
L SACRAMENTO CA 95816-8018			
T PH: (916)227-9364			
O ANGELA SARTAIN			

TO SUPPLIER ADDRESS
(Type or Print Legibly)

SAFeway SIGN COMPANY

9875 YUCCA ROAD

ADELANTO CA 92301

USA

INFORMATION TECHNOLOGY PROJECT IDENTIFICATION NUMBER

AGENCY OR BUYER INFORMATION	AGENCY TRACKING/REQUISITION NUMBER 1106160
AGENCY NAME DOT	CONTACT NAME ARDITH CARRICK
CONTACT E-MAIL ADDRESS	
CONTACT PHONE NUMBER	CONTACT FAX NUMBER

SUPPLIER CONTACT NAME REBECCA BERNAL		SUPPLIER PHONE NUMBER (800)637-7233	SUPPLIER FAX NUMBER (760) 530-0444	SUPPLIER E-MAIL ADDRESS	
PAYMENT TERMS 1/4%20 Days	CERTIFICATION NUMBER 11156	<input checked="" type="checkbox"/> Certified Small Business	<input type="checkbox"/> Certified Microbusiness	EXPIRATION DATE 02/29/2008	<input type="checkbox"/> Certified DVBE
REQUIRED DELIVERY DATE 11-DEC-06	SHIPPING INSTRUCTIONS <input checked="" type="checkbox"/> F.O.B. Destination FRT. PPD	<input type="checkbox"/> F.O.B. Destination FRT. PPD/ADD	<input type="checkbox"/> F.O.B. Origin	CITY OF ORIGIN	STATE
		Freight not to exceed cost stated on P.O.		ZIP CODE	

ITEM NUMBER	QUANTITY	UNIT	COMMODITY CODE or PRODUCT CODE or SERVICES ID NUMBER	RECYCLED PRODUCT	PRODUCT OR SERVICES DESCRIPTION	RECEIVED	UNIT PRICE	EXTENSION TOTAL
1		LT			SIGNS: SEE ATTACHED 1/6% LAB CHARGE HAS BEEN DEDUCTED FROM THE CHARGE ON THE ORIGINAL PURCHASE REQUEST.		\$250.4900	\$250.4900

TERMS AND CONDITIONS	A-1 <input type="checkbox"/> General Provisions are incorporated herein by reference to: <input type="checkbox"/> Form GSPD - 401 Non-IT Commodities (Revision date _____) OR <input type="checkbox"/> Form GSPD - 401 IT (Revision date _____)	TAXABLE SUBTOTAL	\$250.49	
	A-2 <input checked="" type="checkbox"/> This order is issued under a Department of General Services (DGS) Leveraged Procurement Agreement (LPA). Terms and Conditions set forth in that agreement (LPA number referenced in the block titled Leveraged Procurement Agreement No.) are incorporated herein by referenced as if set forth in full text.	TAX RATE SALES TAX	0.000%	\$19.41
	B <input type="checkbox"/> Agency Special Provisions are attached and titled _____	*INSTALLATION		
	C <input type="checkbox"/> Any other attachments, such as specifications, Statement of Work, or Information Technology Model Language Modules are identified in the product or services description area or on continuation pages.	*SHIPPING FREIGHT		
	*NOTE: If there are variable charges for installation, shipping or freight, or other non-taxable services, detail per line item and enter total here.	*OTHER NON-TAXABLE		\$0.00
PROCUREMENT METHOD <input checked="" type="checkbox"/> LEVERAGED <input type="checkbox"/> DVBE/SMALL BUSINESS (GC 14838.5(a)) <input type="checkbox"/> NON-COMPETITIVE BID <input type="checkbox"/> EXEMPT		GRAND TOTAL	\$269.90	

CERTIFICATION AND APPROVAL OF EXECUTIVE OFFICER

I HEREBY CERTIFY, on personal knowledge, that this order for purchasing the items specified above is issued in accordance with the procedure prescribed by law governing the purchase of such items for the State of California; and that all such legal requirements have been fully complied with.

REQUESTED BY: LAURE WELLMAN	DATE 619-688-3253	VERIFIED NO STATE SURPLUS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	PAID BY CAL-CARD <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
AUTHORIZING NAME (Print or Type) ACARRICK	TITLE	ACCOUNTING OFFICE USE: DATE	DATE RECEIVED:
AUTHORIZING SIGNATURE	DATE	CERTIFIED CORRECT (SIGNATURE)	RECEIVED BY:
			RECEIVED VIA:

CALTRANS VENDOR NO.	SUFFIX	ENCUMBRANCE NO.	FMS	WORK ORDER NUMBER	EQUIPMENT ID							
SUF.	T.C.	M O D	SOURCE	CHG. DIST.	EXPENDITURE AUTHORIZATION	SUBJOB	SPECIAL DESIGNATION	FA.	AGCY OBJ.	AMOUNT	FFY	NOTES
			11 727	11	5MROOO		5957078	7	146	269.90	07	

Contract Number: # - ## - ## - ##

Reporting Period: month-year to month-year

Purchase Order No.	Date	Sign Order No.	D	Loc	S F	Sign Code	Background		Legend		Film		Roadside (SqFt)			Overhead (SqFt)		Price (\$)
							Color	Typ	Color	Typ	S	P	Formed	1" (B)	2 1/2" (B)	2 1/2" (H)	Formed	
0524122	12-Feb-05	07-05-0056	7	7		G86	G	3	W	4					45			\$ ####
0524123	4-Feb-05	05-05-0003	5	2		G86-5	G	4	W	4				108.5				\$ ####
0524124	25-Feb-05	08-05-0098	8	8b		G21	G	3	W	4		X			140			\$ ####
0524125	26-Feb-05	08-05-0099	8	8b		G5-6	G	3	W	7				67.5				\$ ####
0524126	27-Feb-05	08-05-0100	8	8b		G23-1	G	9	W	9	X						184	\$ ####
0524127	28-Feb-05	08-05-0101	8	8b		G70	G	3	W	9		X		28				\$ ####
0524128	1-Mar-05	08-05-0102	8	8b		G85-7	G	3	W	4		X			82.5			\$ ####
0524129	2-Mar-05	08-05-0103	8	8b		G85-4	G	3	W	9				161				\$ ####
0524130	3-Mar-05	08-05-0104	8	8b		G86-1	G	3	W	4	X		16					\$ ####
0524131	16-Feb-05	01-05-0104	1	2		G85-7	G	3	W	3				72				\$ ####
0524132	1-Feb-05	11-05-0339	11	11c	X	G85-7	G	3	W	4		X			82.5			\$ ####
0524133	14-Feb-05	05-05-0004	5	2		G85-4	G	3	W	9				161				\$ ####
0524134	1-Feb-05	04-05-0188	4	4		Special	Y	3	Blk								84	\$ ####
0524135	25-Feb-05	11-05-0412	11	11a		G5-6	G	3	W	7	X				126			\$ ####
0524136	26-Feb-05	03-05-0067	3	3		G5-6	G	3	W	7				67.5				\$ ####
0524137	27-Feb-05	12-05-0089	12	12		G23-1	G	9	W	9	X						184	\$ ####
0524138	28-Feb-05	06-05-0235	6	2		G70	G	3	W	9		X		28				\$ ####
0524139	1-Mar-05	02-05-0097	2	2		SG42-1	Bl	2	W	2		X					147	\$ ####
0524140	14-Feb-05	07-05-0077	7	7		G86-1	G	3	W	4	X		16					\$ ####

Quarterly Total	\$ ####
Previous Cummulative Total	\$ ####
Current Cummulative Total	\$ ####

Legend:

D = District No.

Loc = Location (use code # below)

- 1 = Point of Use (anywhere in CA)
- 2 = Sacramento Warehouse
- 3 = Marysville Sign Yard
- 4 = So. Oakland Maintenance Station
- 7 = Commerce
- 8a = Bloomington
- 8b = San Bernardino Warehouse
- 9 = Bishop Warehouse
- 10 = Stockton Warehouse
- 11a = El Centro Maintenance Station
- 11b = Descanso Maintenance Station
- 11c = San Diego Warehouse
- 12 = Orange

Legend (cont'd):

- SF = State-furnished sign for construction project
- S = Standard Protective Overlay
- P = Premium Protective Overlay
- (A) = Type B Laminated Panel
- (B) = Type B Laminated Panel
- (H) = Type B Laminated Panel
- Typ = Type of retroreflective sheeting (use code # below)
 - 2 = Type II
 - 3 = Type III
 - 4 = Type IV
 - 7 = Type VII
 - 8 = Type VIII
 - 9 = Type IX

Format of Quarterly Report