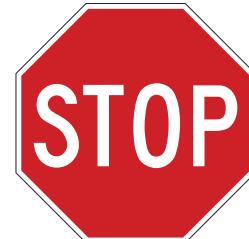




Metropolitan
Transit
System

TROLLEY Station Sign Design Guidelines

03/17/2022



Approval for sign production is required
from the MTS Marketing Department.
Please contact Quincy Marin at quincy.marin@sdmts.com



**Metropolitan
Transit
System**

General Notes





TROLLEY Station Sign Design Guidelines



General Notes

Project Typestyles, Colors and Notes

Revision
DEC 2019

Sheet Number

G-1

MANUAL DESCRIPTION

This manual contains design intent drawings for San Diego Trolley stations and transit centers operated by the San Diego Metropolitan Transit System (MTS).

Design intent drawings are to be used exclusively as a guide to the overall look of the finished product and not as original art.

The fabrication and install of signs will require extensive coordination with MTS as well as numerous site visits and field survey work by the sign installation contractor. Every effort has been made for signs to comply with ADA standards.

TYPESTYLES

Helvetica Neue 75 Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz 0123456789&#\$%;:;”.

Helvetica Neue 55 Roman ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz 0123456789&#\$%;:;”.

HELVETICA INSERAT

ABCDEFGHIJKLMNPQRSTUVWXYZ

COLORS



BLACK
Pantone Black
CMYK: 0, 0, 0, 100



BLUE
Pantone 293C
(UC San Diego Blue Line)
CMYK: 100, 69, 0, 4



Red
Pantone 485C
CMYK: 6, 97, 100, 1



ORANGE
Pantone 151C
(Orange Line)
CMYK: 0, 60, 100, 0



DISABLED BLUE
Pantone Process Blue C
(15090M Federal Standard 5996)
CMYK: 100, 13, 1, 2



GREEN
Pantone 347C
(Sycuan Green Line)
CMYK: 93, 0, 100, 0



GRAY
Pantone 424C
CMYK: 0, 0, 0, 60



GRAY
Black 50%
(SDG&E Silver Line)
CMYK: 0, 0, 0, 50



WHITE
Bright White
CMYK: 0, 0, 0, 0



YELLOW
Pantone 123C
CMYK: 0, 21, 70, 0

FURNISH

- Contractor shall provide original art for sign production, engineering of sign and graphic items, including, but not limited to, internal structure, electrical and mechanical parts and concrete footings and bases. Shop drawings shall carry engineer's stamp and be signed by a California registered civil engineer.
- All text art shall be provided by sign contractor. Letter spacing shall be "normal" for all signs except as otherwise specified or shown. All copy to appear in upper and lower case except where indicated on drawings.
- Porcelain enamel shall have a matte finish.
- All basic sign plaques are to be reversed screen printed on scotch cal, matte white, engineer grade 3650 3m sheeting. For reflective signs use 3m reflective sheeting 3290. Signs shall be fabricated using continuous sheeting. No splicing of the sheeting material will be accepted. For VDC copy applications use 3m exterior grade white vinyl die cut copy applied to surface as per manufacturer's instructions.
- All basic sign plaques shall be fabricated from aluminum panel, using 5052-H32 grade aluminum, .080" or .125" as specified per sign type unless otherwise indicated on the design drawing.
- Sign types 3, 4, 5, 13, 16, 17, 18, 40, 41, 42 & 50 shall be .080" thick.
Sign types 7, 10, 12, 15 & 30 shall be .125" thick.
- Plaques shall have scotchlite protective overlay film 1150 applied to them using manufacturer's recommended procedure.
- Corner radius - outer radius shall be .75", inner radius (background field) shall be .25" for all basic sign plaques.
- All sign types shall be reflective.
- All signs must have a 10 year warranty against defects.

INSTALL

- All sign locations, dimensions, quantities and conditions shall be field verified prior to fabrication by the sign contractor.
- All signs shall be installed according to current local code requirements. Sign installations shall be safe and secure as is standard for the industry.
- Sign contractor shall be responsible for removing all existing elements and obstructions and preparing all surfaces to accept new signs, sign panels and vinyl die cut copy.
- All installation shall be coordinated with MTS.
- Breakaway sign poles shall be used for all pole mounted signs located in streets and parking lots.



TROLLEY

Station Sign Design Guidelines



General Notes

Project Symbols

Note: Obtain original art for symbols from MTS.

Revision

March 2022

Sheet Number

G-2



UC SAN DIEGO
BLUE LINE
Pantone 293



ORANGE LINE
Pantone 151



GREEN LINE
Pantone 347



SILVER LINE
Black 50%



NORTH ARROW

Rapid

RAPID LOGO
Black 100% and PMS485



TROLLEY



BUS



ACCESS



RAIL



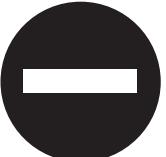
TAXI



FERRY



TAXI / BUS



DO NOT ENTER



NO SMOKING
OR VAPING



TICKET



DISABLED



TELEPHONE



AIRPORT



INFORMATION



NO PARKING



PARKING



ARROW



WOMAN



MAN



UNISEX



ELEVATOR



WALKING MAN



NO PEDESTRIAN



MONEY / ATM



NO BICYCLE



BICYCLE



LIBRARY



COMPUTER



INFORMATION
PMS PROCESS BLUE
100C 10M



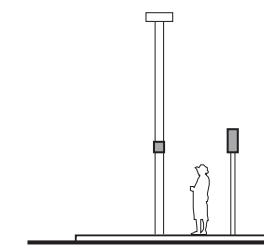
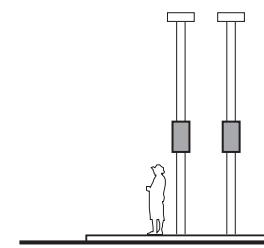
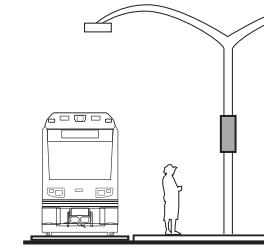
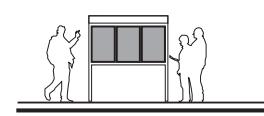
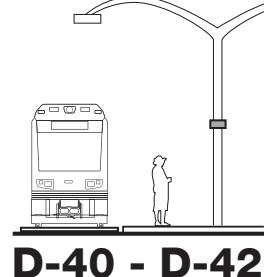
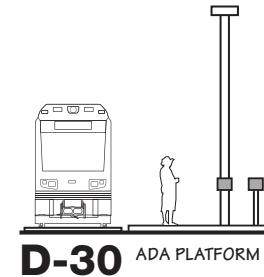
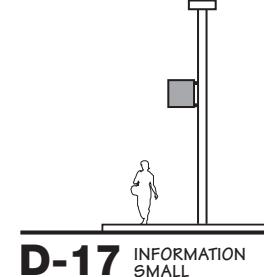
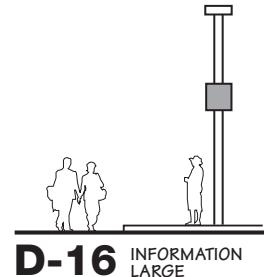
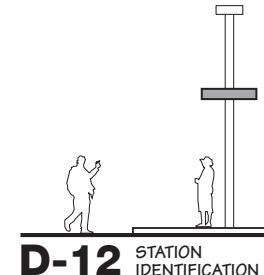
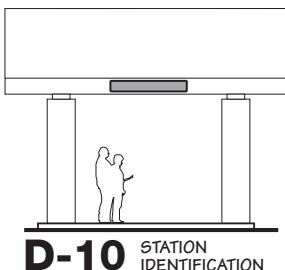
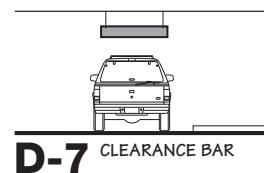
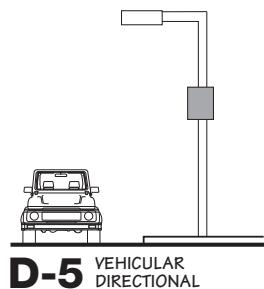
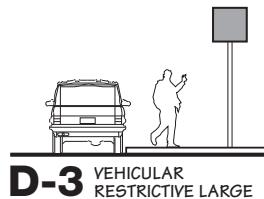
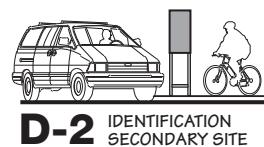
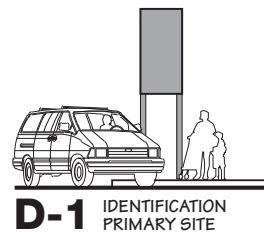
TROLLEY Station Sign Design Guidelines



General Notes

Sign Type Menu

Revision
DEC 2019



Sheet Number

G-3



TROLLEY
Station Sign
Design
Guidelines



General Notes

Trolley Line
Names, font
and symbols

Note: Obtain
original art for
symbols from
MTS.

Revision
March 2022

Sheet Number

G-4

UC San Diego Blue Line 

Orange Line 

Green Line 

Silver Line 



TROLLEY Station Sign Design Guidelines



General Notes Station Names

Revision
March 2022

Sheet Number

G-5

TYPE 1 & 2 - include Transit Center or Trolley Station			TYPE 15 - Destination					
0	Type 1 or 2 Primary & Secondary Site	Transit Center (C) or Station (S)	Blue		Orange		Green	
	B O G	C	To San Ysidro/ Tijuana	To UTC	To Courthouse	To Arnele	To 12th & Imperial	To Santee
8th Street	B	C	X	X				
12th & Imperial (see note)	B O G	C	Underneath Building	Underneath Building	Underneath Building	Underneath Building		Bayside Platform
24th Street	B	C	X	X	X	X		
25th & Commercial	O	S			X	X		
32nd & Commercial	O	S			X	X		
47th Street	O	S			X	X		
70th Street		G					X	X
Alvarado		G					X	X
Amaya Drive	O G	S					X	X
America Plaza (Santa Fe TC)	B	C*					X	X
Arnele Avenue	O G	S					X	X
Balboa Avenue	B	C					X	X
Barrio Logan	B	S					X	X
Beyer Boulevard	B	S					X	X
City College	B O	C					X	X
Civic Center	B O	S					X	X
Clairemont Drive	B	S					X	X
Convention Center		G					X	X
County Center/Little Italy	B G	S					X	X
Courthouse	O	S					X	X
E Street	B	C					X	X
El Cajon		G					X	X
Encanto/62nd Street	O	S					X	X
Euclid Avenue	O	C					X	X
Executive Drive	B	S					X	X
Fashion Valley		G					X	X
Fenton Parkway		G					X	X
Fifth Avenue	B O	S					X	X
Gaslamp Quarter		G					X	X
Gillespie Field		G					X	X
Grantville		G					X	X
Grossmont	O G	C					X	X
H Street	B	C					X	X
Harborside	B	S					X	X
Hazard Center		G					X	X
Iris Avenue	B	C					X	X
La Mesa Blvd.	O	S					X	X
Lemon Grove Depot	O	S					X	X
Massachusetts Avenue	O	S					X	X
Middletown	B G	S					X	X
Mission San Diego		G					X	X
Mission Valley Center		G					X	X
Morena/Linda Vista		G					X	X
Nobel Drive	B	S					X	X
Old Town	B G	C					X	X
Pacific Fleet	B	S					X	X
Palm Avenue	B	S					X	X
Palomar Street	B	C					X	X
Park & Market	B O	S					X	X
Rio Vista		G					X	X
San Ysidro	B	C					X	X
Santa Fe Depot (Santa Fe TC)	B G	C*					X	X
Santee	B	S					X	X
SDSU	B G	C					X	X
Seaport Village	B G	S					X	X
Spring Street	O	S					X	X
Stadium		G					X	X
Tecolote Road	B	S					X	X
UC San Diego Central Campus	B	S					X	X
UC San Diego Health La Jolla	B	S					X	X
UTC	B	C					X	X
VA Medical Center	B	S					X	X
Washington Street	B G	S					X	X

12TH & IMPERIAL:
The Type 1 and Type 2 signs should have all three lines.
For Type 10 & 12 signs, the platform underneath the building should have both UC San Diego Blue & Orange lines (no Green); the Bayside platform should have just a green line. For Type 15, there will be signs for both the Orange & UC San Diego Blue Lines, while the Bayside platform will have signs for only the Green Line.

*American Plaza and Santa Fe Depot stations have a shared Type 1 sign titled, "Santa Fe Transit Center"



TROLLEY Station Sign Design Guidelines



General Notes

Trolley Station Names

Note: Confirm with MTS which stations are also transit centers for sign Type D-1.1 and D-2.1

Revision
MARCH 2022

Sheet Number

G-6

UC SAN DIEGO BLUE LINE

San Ysidro
Beyer Blvd.
Iris Avenue
Palm Avenue
Palomar Street
H Street
E Street
24th Street
8th Street
Pacific Fleet
Harborside
Barrio Logan
12th & Imperial
Park & Market
City College
Fifth Avenue
Civic Center
America Plaza
Santa Fe Depot
County Center/Little Italy
Middletown
Washington Street
Old Town (*Name for Destination Signs*)
Old Town UC San Diego Health Hillcrest
(*Name for large profile Type 1 & 2 Signs*)
Tecolote Road
Clairemont Drive
Balboa Avenue
Nobel Drive
VA Medical Center
UC San Diego Central Campus
UC San Diego Health La Jolla
Executive Drive
UTC

GREEN LINE

Santee
Gillespie Field
Arnele Avenue
El Cajon
Amaya Drive
Grossmont
70th Street
Alvarado
SDSU
Grantville
Mission San Diego
Stadium
Fenton Parkway
Rio Vista
Mission Valley Center
Hazard Center
Fashion Valley
Morena/Linda Vista
Old Town
Washington Street
Middletown
County Center/Little Italy
Santa Fe Depot
Seaport Village
Convention Center
Gaslamp Quarter
12th & Imperial

ORANGE LINE

Arnele Avenue
El Cajon
Amaya Drive
Grossmont
La Mesa Blvd.
Spring Street
Lemon Grove Depot
Massachusetts Avenue
Encanto/62nd Street
Euclid Avenue
47th Street
32nd & Commercial
25th & Commercial
12th & Imperial
Park & Market
City College
Fifth Avenue
Civic Center
Courthouse

SILVER LINE

12th & Imperial
Gaslamp Quarter
Convention Center
Seaport Village
America Plaza
Civic Center
Fifth Avenue
City College
Park & Market



TROLLEY Station Sign Design Guidelines



General Notes

Mounting Details

Sample Applications

Signs on shelters may vary depending on shelter design.

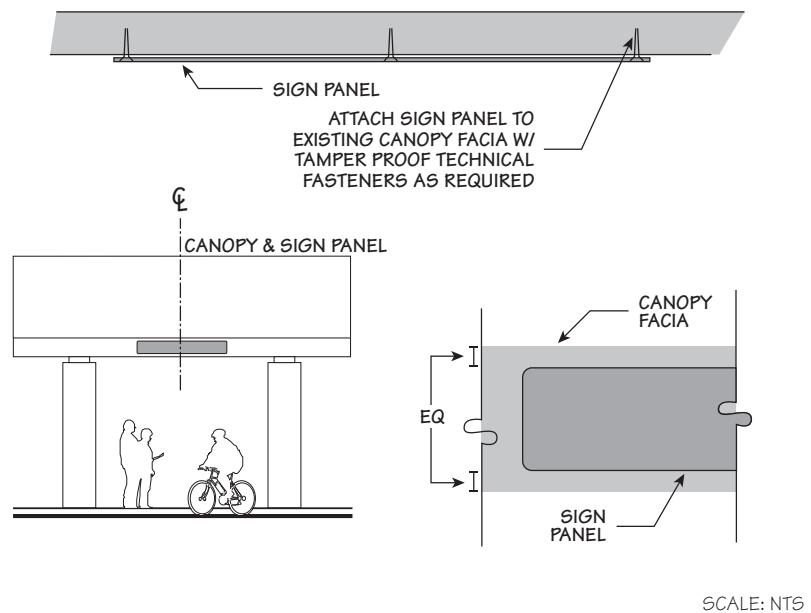
Revision

September 2013

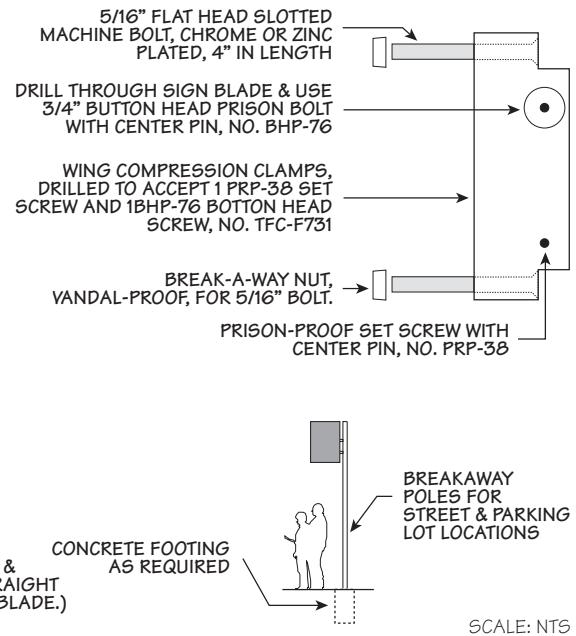
Sheet Number

G-9

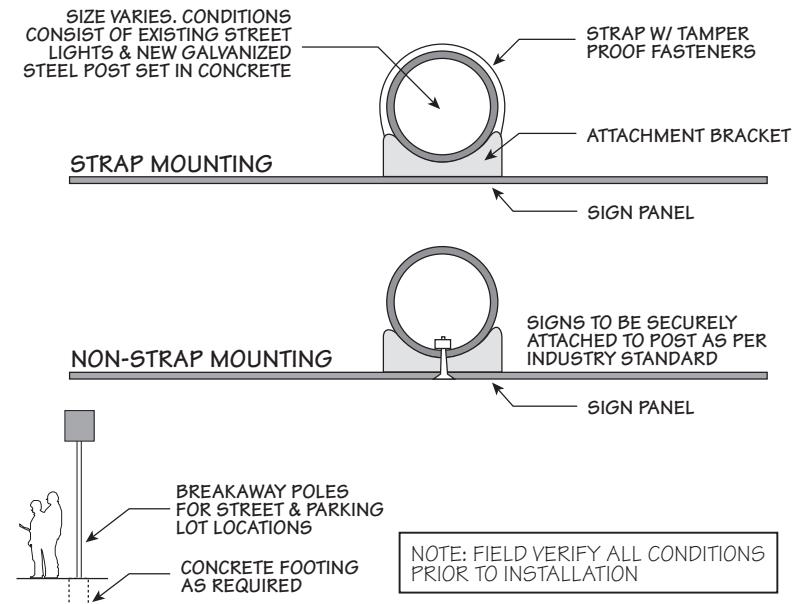
CANOPY MOUNT



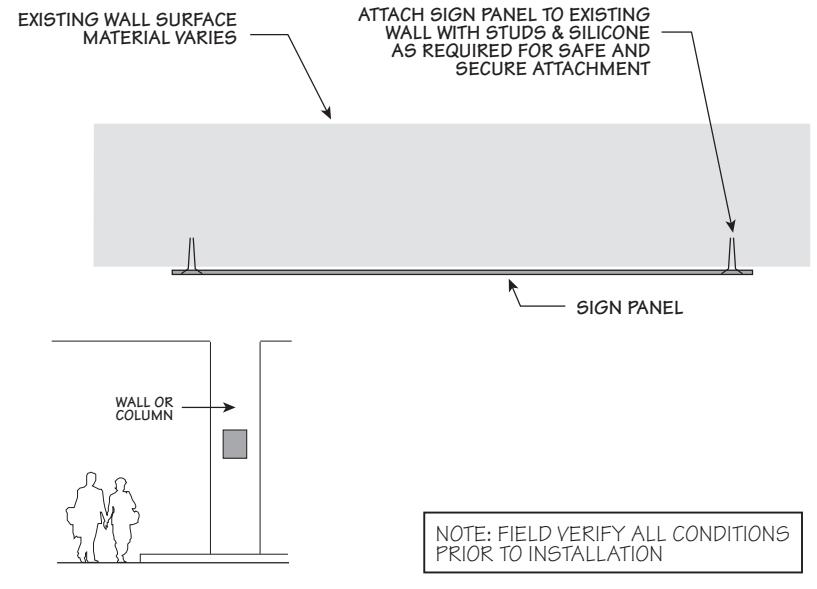
FLAG MOUNT



POLE & POST MOUNT



WALL & COLUMN MOUNT





**Metropolitan
Transit
System**

Design Drawings





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 1 Identification

Primary Site

Revision
DEC 2019

SAP Sign Inventory
Object Type:
SG-IDEN-PS

Sheet Number

D-1

Specifications

Sign Panel: 34.5" x 94"
Sign Size: 48" x 192"
Corner Radius: None
Mounting: Sign Panel in Coated Steel or Aluminum
Material: Procelain Enamel and Painted Steel
Copy: White Porcelain Enamel
Colors: Rich Black, PMS 485C, PMS 293C, PMS 347C, PMS 151C, PMS 424C, Bright White

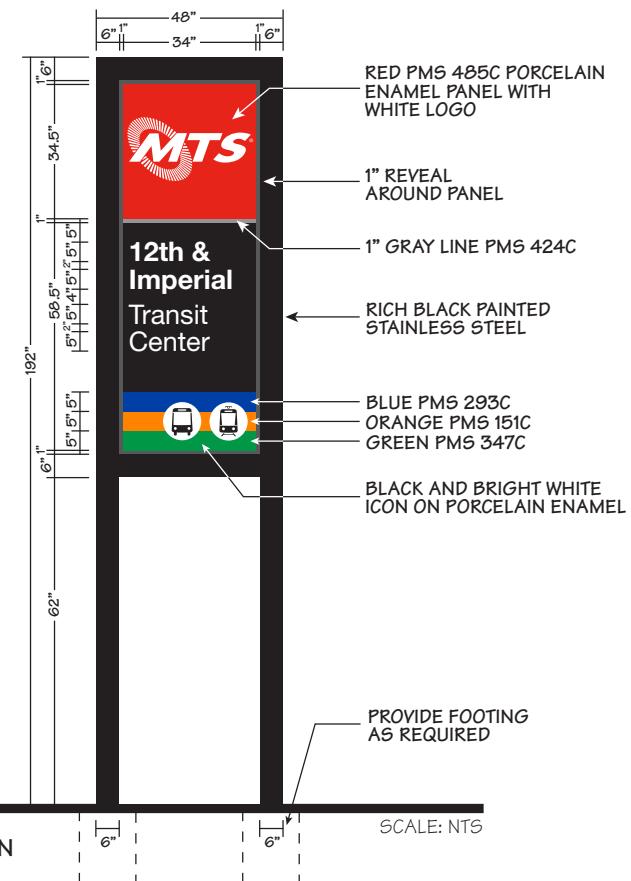
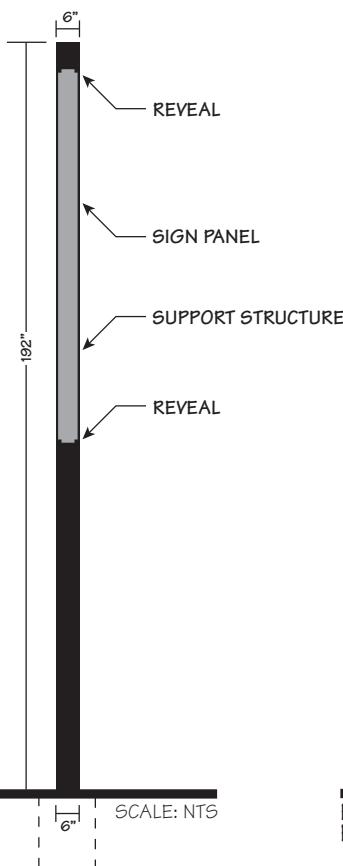
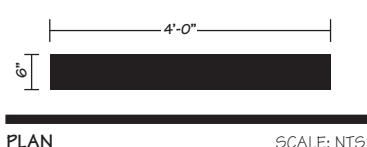
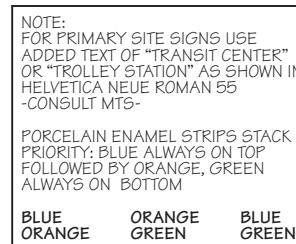
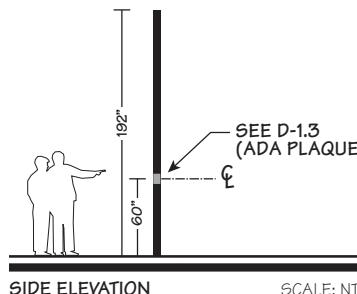
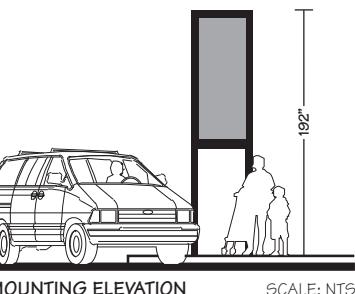
Double-Sided

Notes:

Sign panel to be attached to Structure with concealed Fasteners as required for safe and secure mounting and to satisfy all code and wind load requirements.

Steel sign structure to be Mounted in concrete footings.

Signs shall be mounted in both landscape and hard surface conditions.





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 1 Identification

Primary Site

Revision
DEC 2019

SAP Sign Inventory
Object Type:
SG-IDEN-PS

Sheet Number

D-1.1

Specifications

Sign Panel: 34.5" x 94"
Sign Size: 48" x 192"
Corner Radius: None
Mounting: Sign Panel in Coated Steel or Aluminum
Material: Procelain Enamel and Painted Steel
Copy: White Porcelain Enamel
Colors: Rich Black, PMS 485C, PMS 293C, PMS 347C, PMS 151C, PMS 424C, Bright White

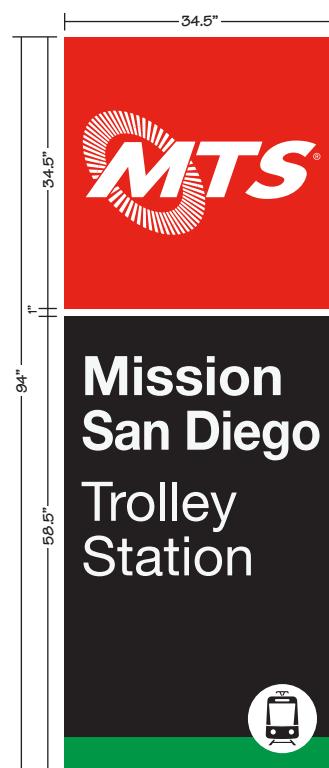
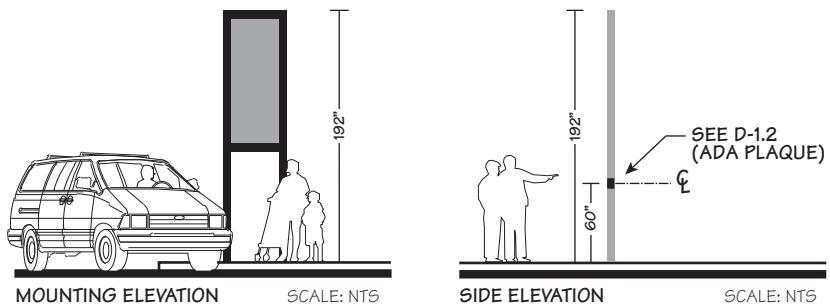
Double-Sided

Notes:

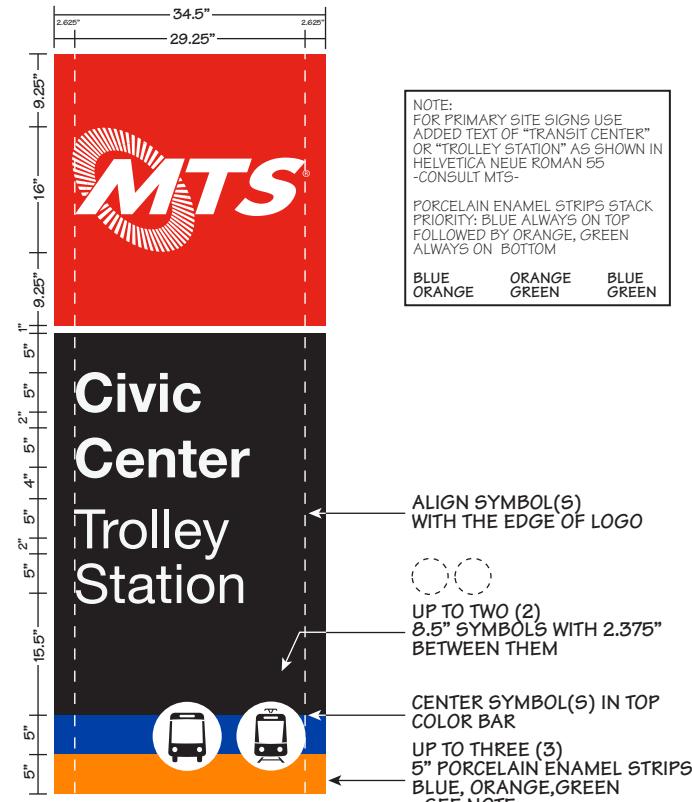
Sign panel to be attached to Structure with concealed Fasteners as required for safe and secure mounting and to satisfy all code and wind load requirements.

Steel sign structure to be Mounted in concrete footings.

Signs shall be mounted in both landscape and hard surface conditions.



SAMPLE COPY LAYOUTS



SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 1 Identification

Primary Site
 - Old Town
 - UC San Diego

Revision
 DEC 2019

SAP Sign Inventory
Object Type:
 SG-IDEN-PS

Sheet Number

D-1.2

Specifications

Sign Panel: 34.5" x 94"
Sign Size: 48" x 192"
Corner Radius: None
Mounting: Sign Panel in Coated Steel or Aluminum
Material: Procelain Enamel and Painted Steel
Copy: White Porcelain Enamel
Colors: Rich Black, PMS 485C, PMS 293C, PMS 347C, PMS 151C, PMS 424C, Bright White

Double-Sided

Notes:

Sign panel to be attached to Structure with concealed Fasteners as required for safe and secure mounting and to satisfy all code and wind load requirements.

Steel sign structure to be Mounted in concrete footings.

Signs shall be mounted in both landscape and hard surface conditions.





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 1 Identification

Primary Site
ADA Plaque

Revision
November 2018

SAP Sign Inventory
Object Type:
SG-IDEN-AD

Sheet Number

D-1.3

Specifications

- Panel Size:** 5.5" x 8"
- Sign Height:** 60" to center of sign
- Corner Radius:** .25"
- Mounting:** Use tamper-proof fasteners to attach panel to post of light standard
- Material:** .125" Etched Zinc no laminate
- Copy:** Tactile & Braille as required by ADA

Font Helvetica Neue Bold

Contracted Grade 2 Braille shall be used wherever braille symbols are specifically required.

Dots shall be 0.1" on centers in each cell with 0.2" space between cells.

Dots shall be raised a minimum of .03125" above background.

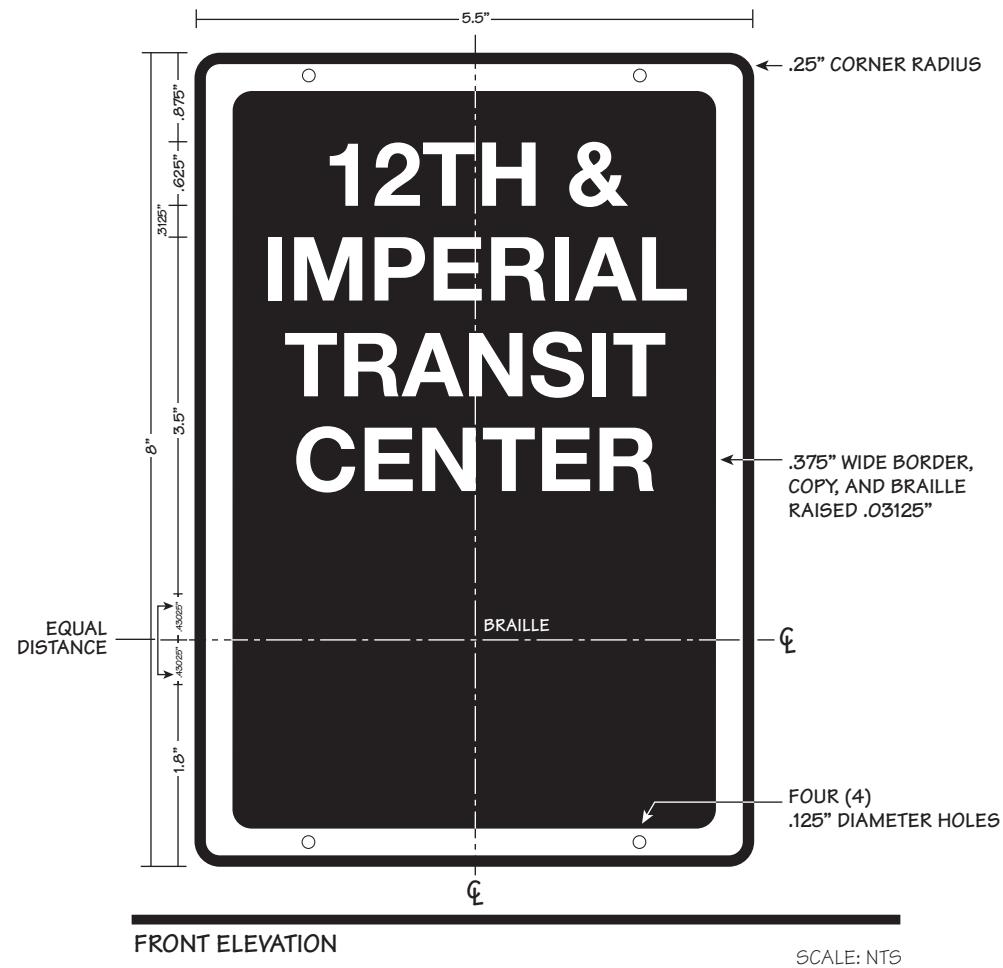
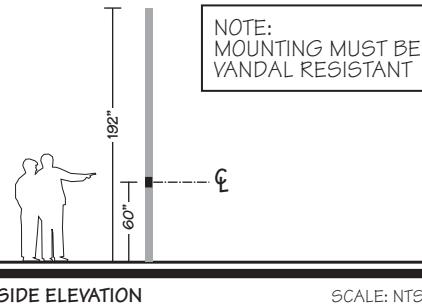
Colors: Black background, white .625" cap height copy

Single-Sided

Notes:

Sign contractor to provide post if light standard does not exist.

Braille translation shall be provided by sign fabricator.





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 2 Identification

Secondary Site

Revision
DEC 2019

SAP Sign Inventory
Object Type:
SG-IDEN-SS

Sheet Number

D-2

Specifications

Sign Panel: 18" x 49"
Sign Size: 28" x 98"
Corner Radius: None
Mounting: Sign panel in coated steel or aluminum
Material: Procelain Enamel and painted steel
Copy: White Porcelain Enamel
Colors: Rich Black, PMS 485C, PMS 293C, PMS 347C, PMS 151C, PMS 424C, Bright White

Double-Sided

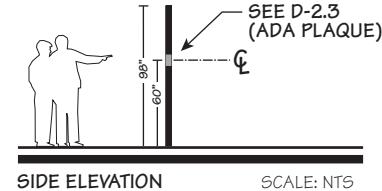
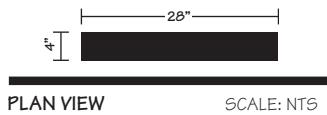
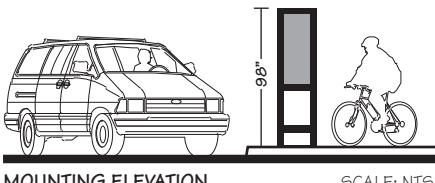
Notes:

Sign panel to be attached to structure with concealed fasteners as required for safe and secure mounting and to satisfy all code and wind load requirements

Steel sign structure to be mounted in concrete footings

Signs shall be mounted in both landscape and hard surface conditions

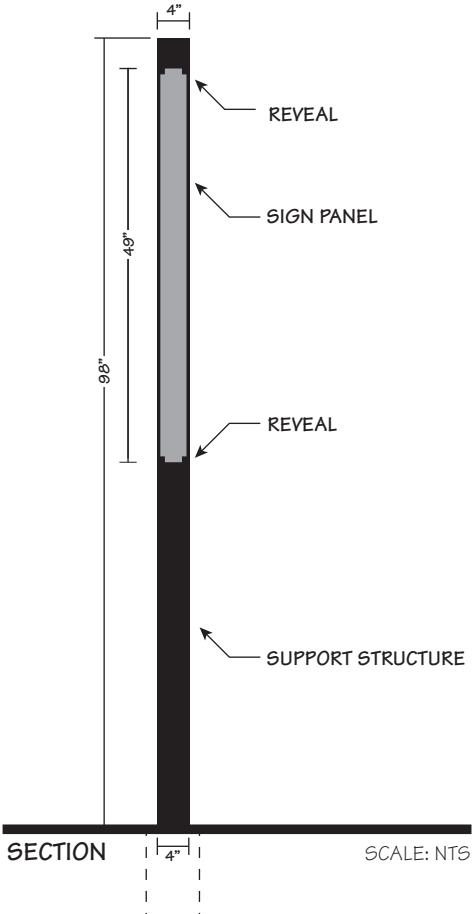
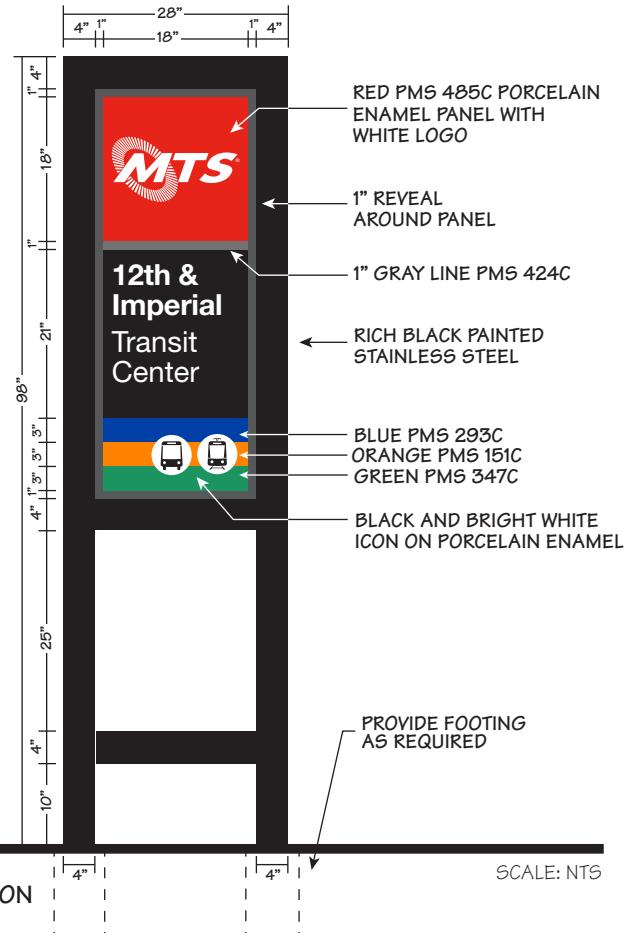
All signs must have a 10 year warranty against defects



NOTE:
FOR PRIMARY SITE SIGNS USE
ADDED TEXT OF "TRANSIT CENTER"
OR "TROLLEY STATION" AS SHOWN
IN HELVETICA NEUE ROMAN 55
-CONSULT MTS-

PORCELAIN ENAMEL STRIPS STACK
PRIORITY: BLUE ALWAYS ON TOP
FOLLOWED BY ORANGE, GREEN
ALWAYS ON BOTTOM

BLUE	ORANGE	GREEN	BLUE	GREEN	BLUE
------	--------	-------	------	-------	------





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 2 Identification

Secondary Site

Revision
Dec 2019

SAP Sign Inventory
Object Type:
SG-IDEN-SS

Sheet Number

D-2.1

Specifications

Sign Panel: 18" x 49"
Sign Size: 28" x 98"
Corner Radius: None
Mounting: Sign panel in coated steel or aluminum
Material: Procelain Enamel and painted steel
Copy: White Porcelain Enamel
Colors: Rich Black, PMS 485C, PMS 293C, PMS 347C, PMS 151C, PMS 424C, Bright White

Double-Sided

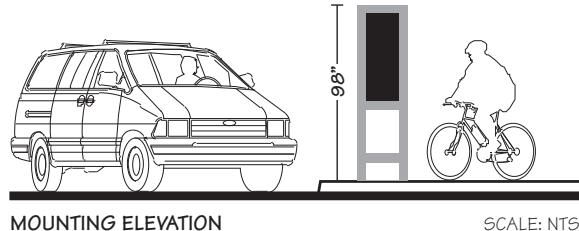
Notes:

Sign panel to be attached to structure with concealed fasteners as required for safe and secure mounting and to satisfy all code and wind load requirements

Steel sign structure to be mounted in concrete footings

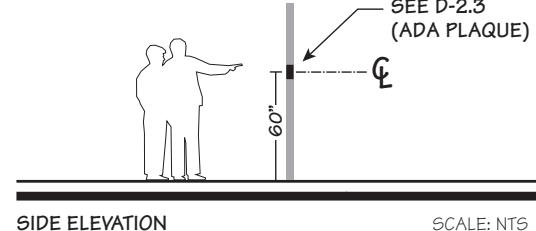
Signs shall be mounted in both landscape and hard surface conditions

All signs must have a 10 year warranty against defects



MOUNTING ELEVATION

SCALE: NTS



SIDE ELEVATION

SCALE: NTS

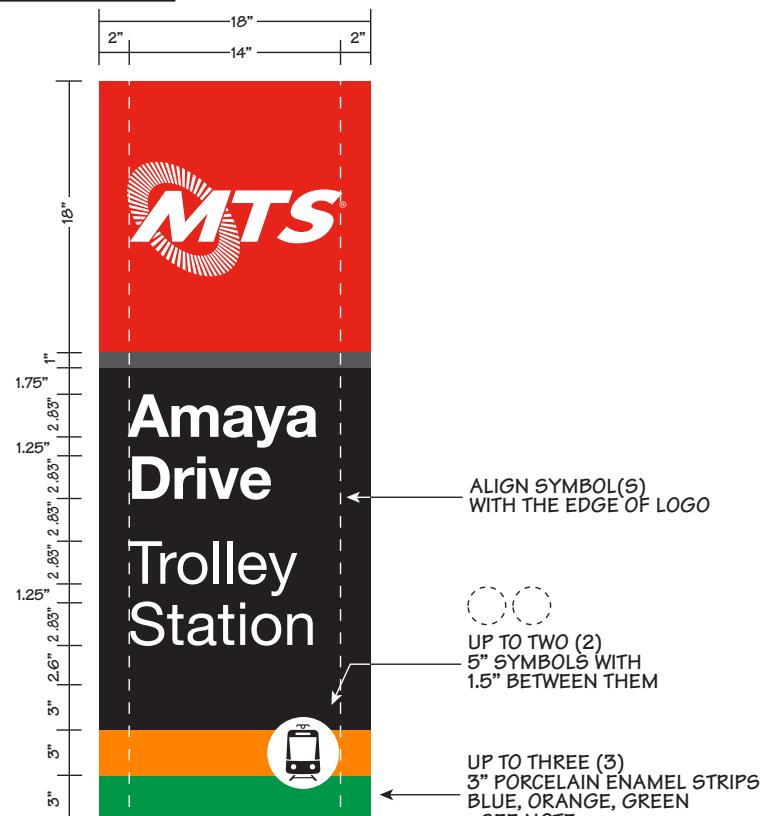
NOTE:
FOR PRIMARY SITE SIGNS USE
ADDED TEXT OF "TRANSIT CENTER"
OR "TROLLEY STATION" AS SHOWN IN
HELVETICA NEUE ROMAN 55
-CONSULT MTS-

PORCELAIN ENAMEL STRIPS STACK
PRIORITY: BLUE ALWAYS ON TOP
FOLLOWED BY ORANGE, GREEN
ALWAYS ON BOTTOM

BLUE ORANGE	ORANGE GREEN	BLUE GREEN
----------------	-----------------	---------------



COPY LAYOUTS



SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 2 Identification

Secondary Site
- Old Town
- UC San Diego

Revision
Dec 2019

SAP Sign Inventory
Object Type:
SG-IDEN-SS

Sheet Number

D-2.2

Specifications

Sign Panel: 18" x 49"
Sign Size: 28" x 98"
Corner Radius: None
Mounting: Sign panel in coated steel or aluminum
Material: Procelain Enamel and painted steel
Copy: White Porcelain Enamel

Colors: Rich Black, PMS 485C, PMS 293C, PMS 347C, PMS 151C, PMS 424C, Bright White

Double-Sided

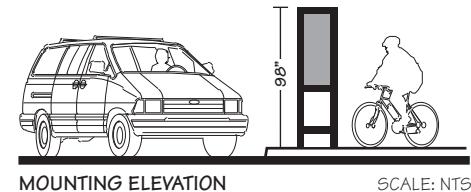
Notes:

Sign panel to be attached to structure with concealed fasteners as required for safe and secure mounting and to satisfy all code and wind load requirements

Steel sign structure to be mounted in concrete footings

Signs shall be mounted in both landscape and hard surface conditions

All signs must have a 10 year warranty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 2 Identification

Secondary Site
ADA Plaque

Revision
November 2018

SAP Sign Inventory
Object Type:
SG-IDEN-AD

Sheet Number

D-2.3

Specifications

Panel Size: 4" x 8"

Sign Height: 60" to center of sign

Corner Radius: .25"

Mounting: Use tamper-proof fasteners to attach panel to post of light standard

Material: .125" Etched Zinc no laminate

Copy: Tactile & Braille as required by ADA

Font Helvetica Neue Bold

Contracted Grade 2 Braille shall be used wherever braille symbols are specifically required.

Dots shall be 0.1" on centers in each cell with 0.2" space between cells.

Dots shall be raised a minimum of .03125" above background.

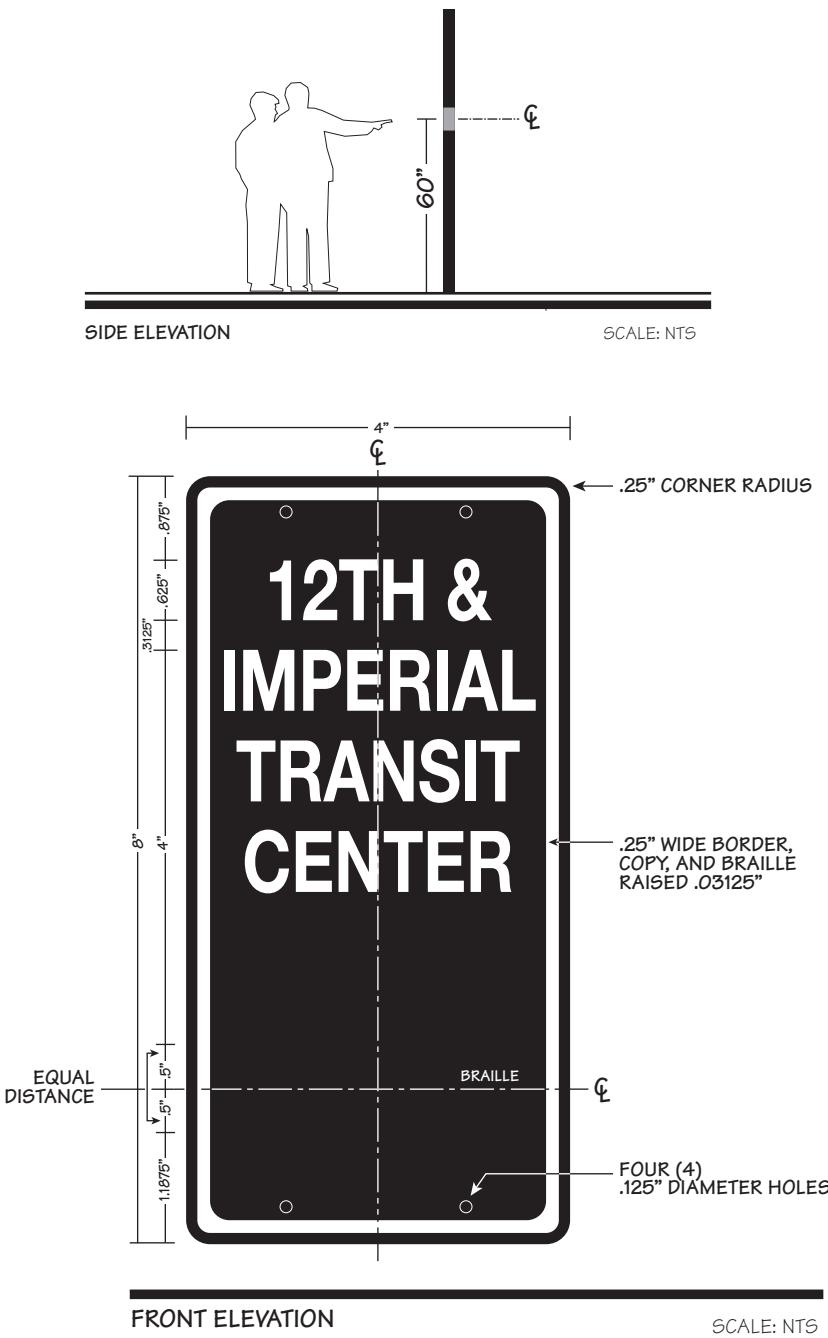
Colors: Black background, white .625" cap height copy

Sign to be **Single-Sided**

Notes:

Sign contractor to provide post if light standard does not exist.

Braille translation shall be provided by sign fabricator.





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 3
Vehicular
Restrictive
Large

Revision
March 2016

SAP Sign Inventory
Object Type:
SG-REST-VE

Sheet Number

D-3

Specifications

Sign Panel: 20" x 24"
Sign Height: 7'0" to bottom of sign
Corner Radius: Outer radius .75"
Mounting: Use tamper proof fasteners to attach panel to post

Material: .125" Aluminum Panel

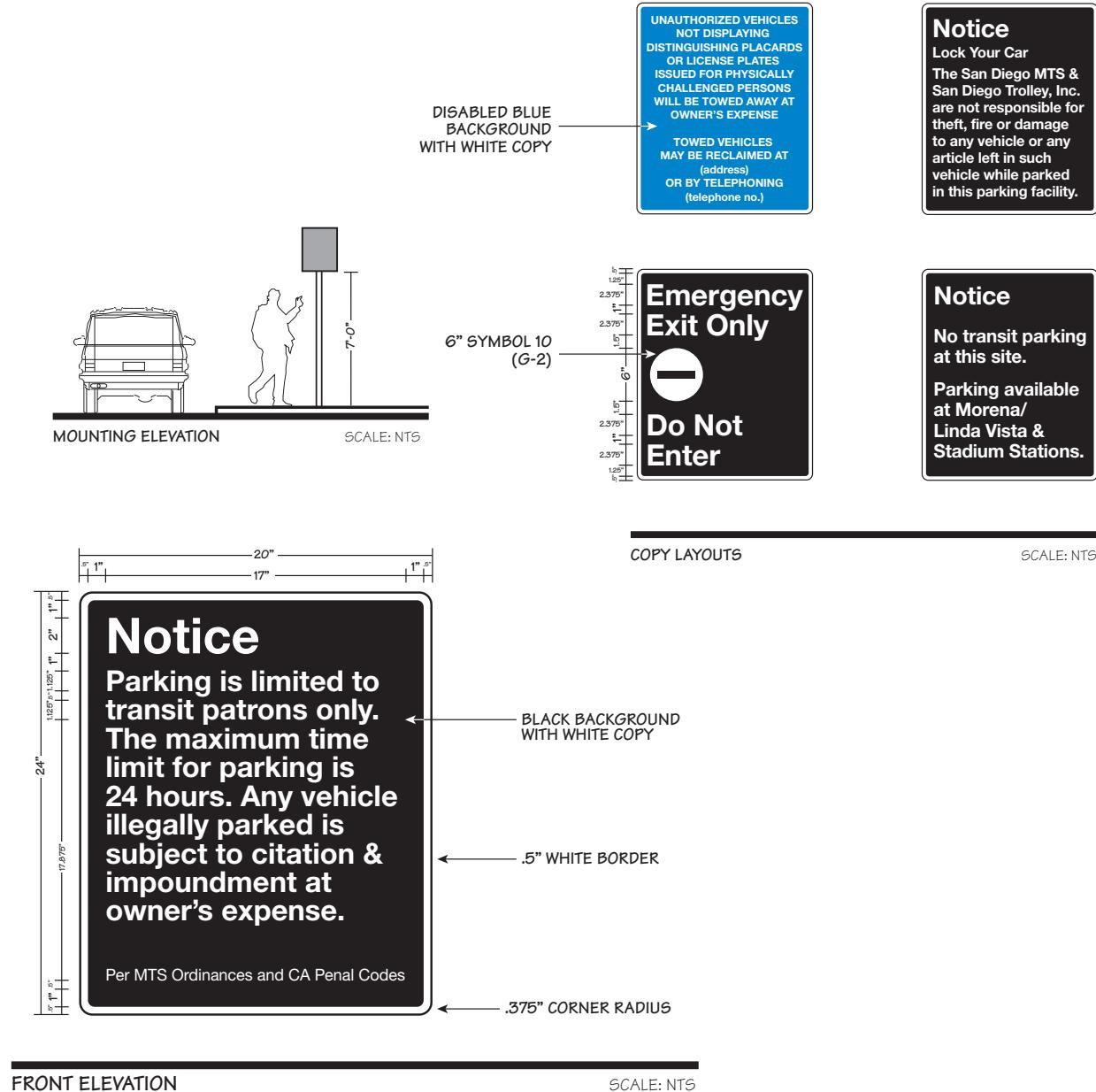
Copy: Reflective

Colors: Rich Black, Process Blue C, PMS 485C, Bright White

Single-Sided

Notes:
Isolate panel from post to prevent electrolysis/corrosion
Mount post in concrete footing as required

All signs must have a 10 year warranty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 3
Vehicular
Restrictive
Large

Revision
November 2018

SAP Sign Inventory
Object Type:
SG-REST-VE

Sheet Number

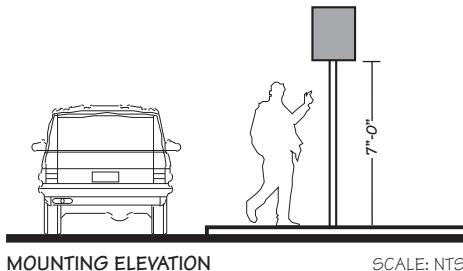
D-3.1

Specifications

Sign Panel: 20" x 24"
Sign Height: 7'0" to bottom of sign
Corner Radius: Outer radius .75"
Mounting: Use tamper proof fasteners to attach panel to post; FLUSH MOUNT
Material: .125" Aluminum Panel
Copy: Reflective
Colors: Rich Black, Process Blue C, PMS 485C, Bright White
Single-Sided

Notes:

- Isolate panel from post to prevent electrolysis/corrosion
- Mount post in concrete footing as required
- All signs must have a 10 year warrenty against defects



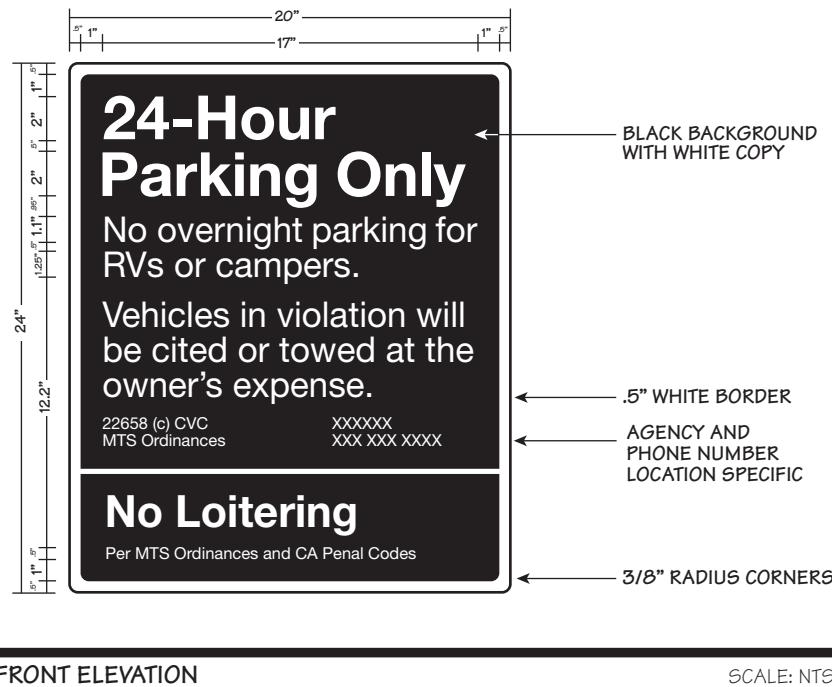
**No Trespassing
No Open
Alcoholic
Beverages
No Smoking
No Littering**

Per MTS Ordinances and CA Penal Codes

No Loitering
No Open
Alcoholic
Beverages
No Tailgating
No Smoking
No Littering
No Skateboarding
No Bicycles

Per MTS Ordinances and CA Penal Codes

VARIATION:
Sabre Springs 20x28





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 3
Vehicular
Restrictive
Large

Revision
November 2018

SAP Sign Inventory
Object Type:
SG-REST-VE

Sheet Number

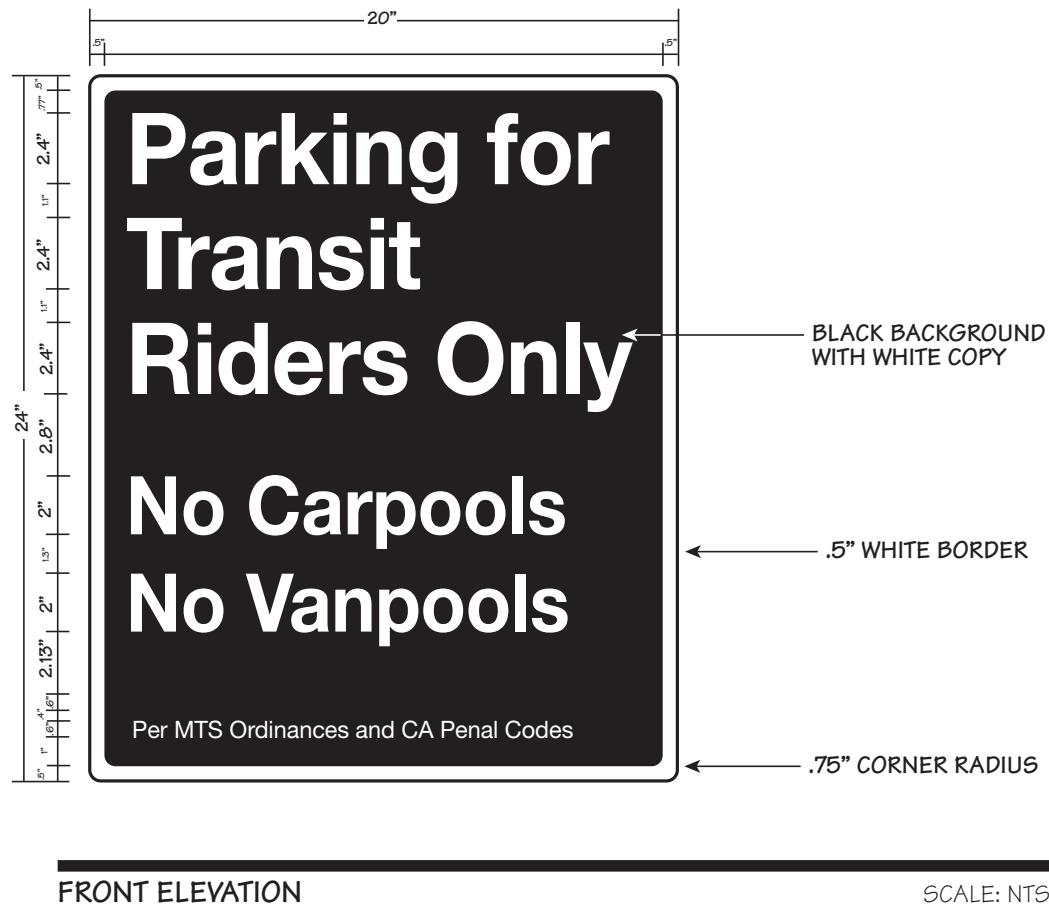
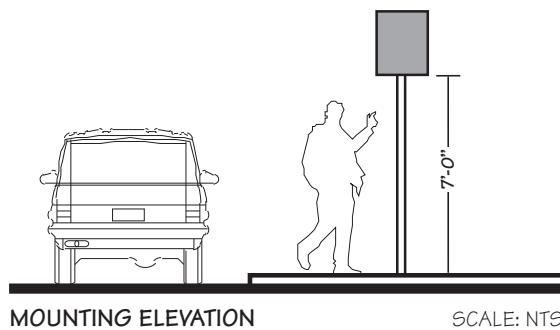
D-3.2

Specifications

Sign Panel: 20" x 24"
Sign Height: 7'0" to bottom of sign
Corner Radius: Outer radius .75"
Mounting: Use tamper proof fasteners to attach panel to post; FLUSH MOUNT
Material: .125" Aluminum Panel
Copy: Reflective
Colors: Rich Black, Process Blue C, PMS 485C, Bright White
Single-Sided

Notes:

- Isolate panel from post to prevent electrolysis/corrosion
- Mount post in concrete footing as required
- All signs must have a 10 year warrenty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

**Sign Type 3
Vehicular
Restrictive**
Large

Revision
September 2016

SAP Sign Inventory
Object Type:
SG-REST-VE

Sheet Number

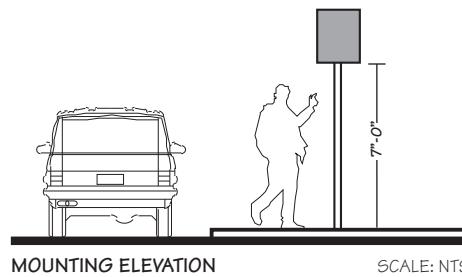
D-3.3

Specifications

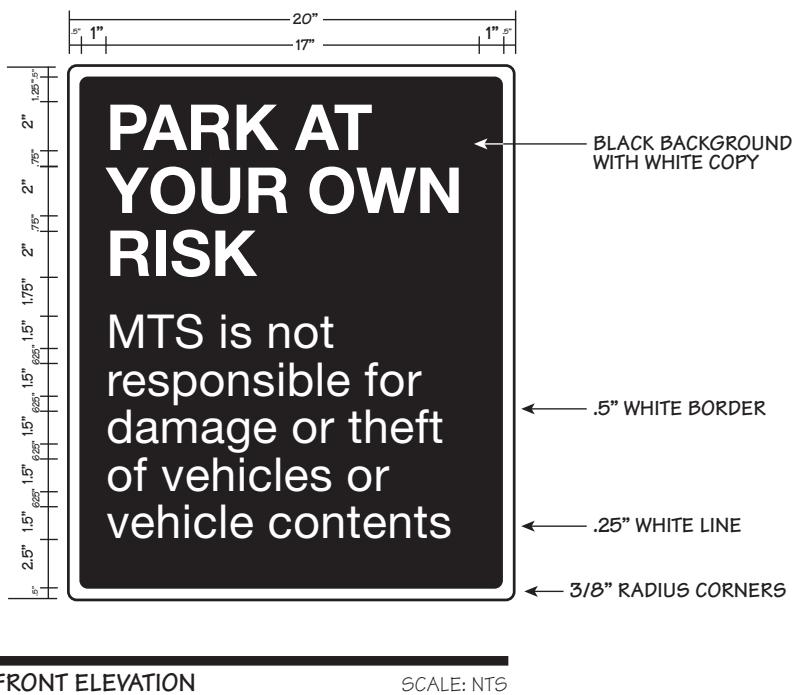
Sign Panel: 20" x 24"
Sign Height: 7'0" to bottom of sign
Corner Radius: Outer radius .75"
Mounting: Use tamper proof fasteners to attach panel to post; FLUSH MOUNT
Material: .125" Aluminum Panel
Copy: Reflective
Colors: Rich Black, Process Blue C, PMS 485C, Bright White
Sign to be Single-Sided

Notes:

- Isolate panel from post to prevent electrolysis/corrosion
- Mount post in concrete footing as required
- All signs must have a 10 year warrenty against defects



**Taxi/Jitney Only
3-minute Loading Zone
9am - 3am**





TROLLEY Station Sign Design Guidelines



Design Drawing

**Sign Type 4
Vehicular
Restrictive
SMALL**

Revision
November 2018

**SAP Sign Inventory
Object Type:
SG-REST-VE**

Sheet Number

D-4

Specifications

Sign Panel: 12" x 18"
Sign Height: 84" to bottom of sign
Corner Radius: Outer radius .75"
Mounting: Use tamper proof fasteners to attach panel to post; FLUSH MOUNT
Material: .125" Aluminum Panel

Copy: Reflective

Colors: Rich Black, Bright White copy and "P" in black, slash and circle in red PMS 485C

Single-Sided

Notes:

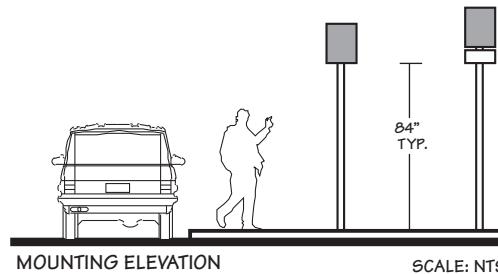
Isolate panel from post to prevent electrolysis/corrosion

Mount post in concrete footing as required

On signs with text, size copy so it comes to .75" from left, bottom and rightsides of background.

Copy must be 1.5" or larger. condense font, only if necessary

All signs must have a 10 year warrenty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 5 Vehicular Directional Trailblazer

Revision
Dec 2019

SAP Sign Inventory
Object Type:
SG-DIRE-VE

Sheet Number

D-5

Specifications

Sign Panel: 24" x 36"

Sign Height: 96" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: Use tamper proof fasteners to attach to existing light standard. Coordination with city required

Material: .125" Aluminum Panel

Copy: Reflective

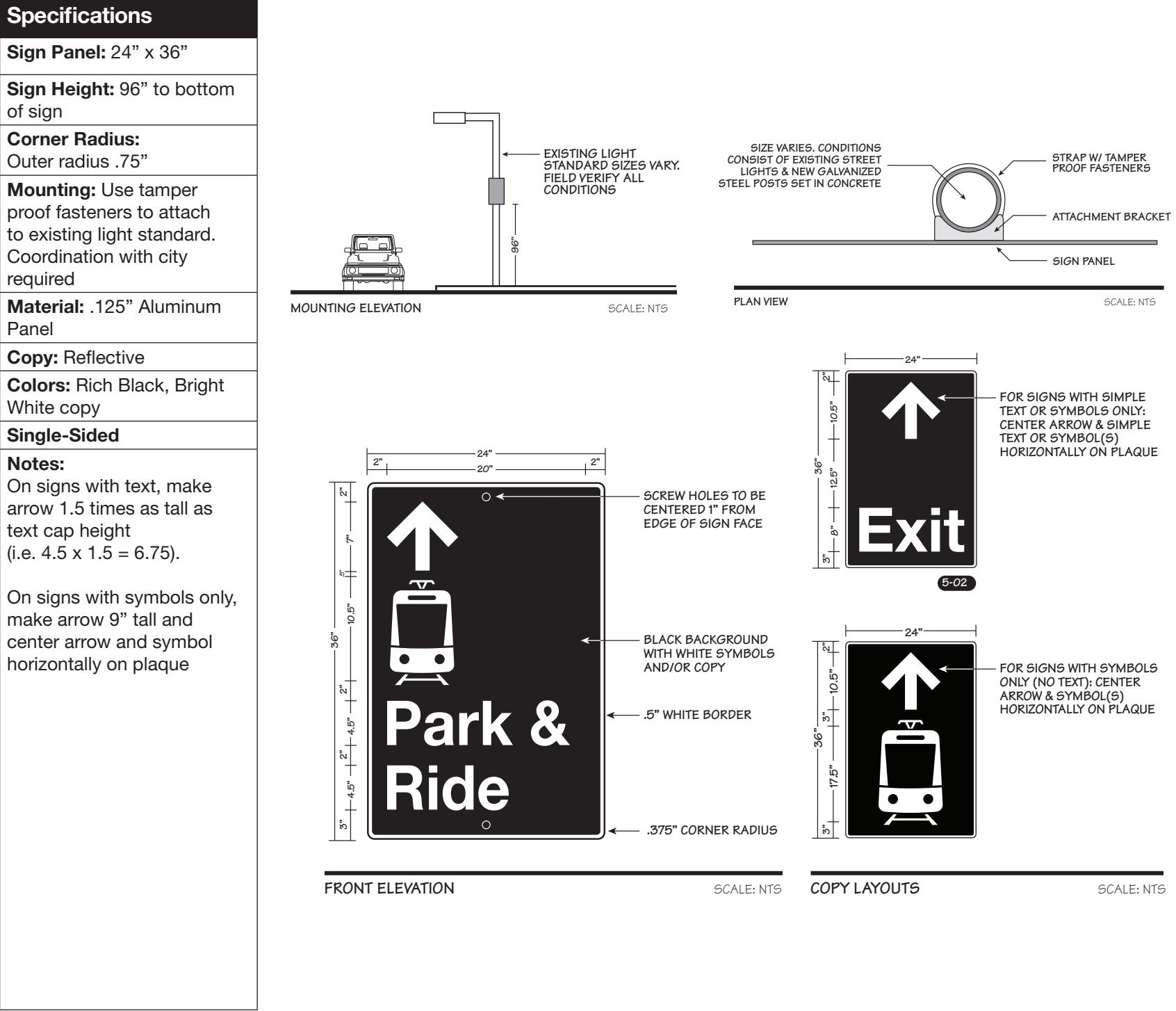
Colors: Rich Black, Bright White copy

Single-Sided

Notes:

On signs with text, make arrow 1.5 times as tall as text cap height (i.e. 4.5 x 1.5 = 6.75).

On signs with symbols only, make arrow 9" tall and center arrow and symbol horizontally on plaque





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 7 Vehicular Clearance Bar

Revision
March 2016

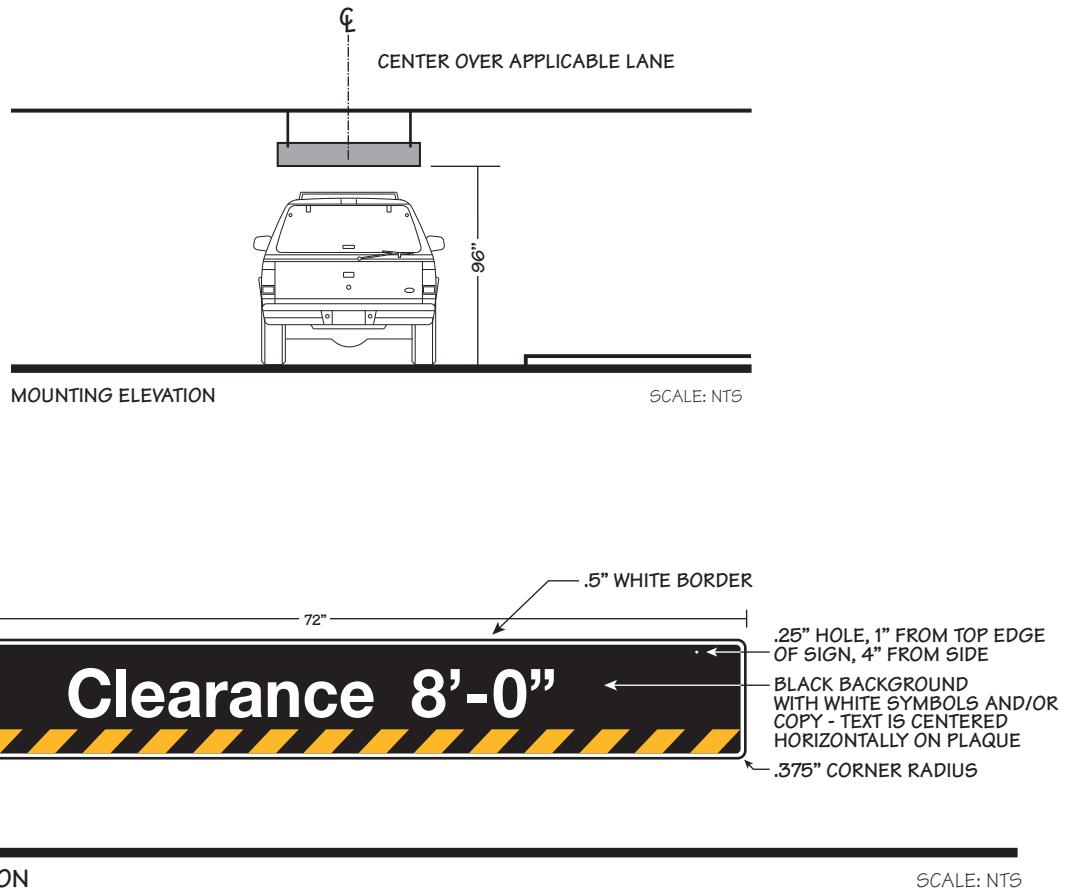
SAP Sign Inventory
Object Type:
SG-INFO-CB

Sheet Number

D-7

Specifications

- Sign Panel:** 72" x 10"
- Sign Height:** 8'-0" Clearance
- Corner Radius:**
Outer radius .75"
- Mounting:** Use aircraft cable & concrete anchors as required to install to concrete structure
- Material:** .125" Aluminum Panel
- Copy:** Reflective
- Colors:** Black background, yellow caution stripes and white copy
- Double-Sided**
- Notes:**
Mounting height & clearance copy will be determined by parking structure clearance.





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 8 Directional Kiosk

12th & Imperial

Revision
October 2018

SAP Sign Inventory
Object Type:
SG-DIRE-PE

Sheet Number

D-8

Specifications

Sign Panel: 20" X 60"
Sign Size: 28" x 98"
Corner Radius: none
Mounting: Sign Panel in steel frame
Material: Porcelain enamel and painted steel
Copy: White porcelain enamel
Colors: Rich black, PMS 293C, PMS 347C, PMS 151C, Bright White

Double-Sided - different art each side

Notes:

Sign panel to be attached to structure with concealed fasteners as required for safe and secure mounting and to satisfy all code and wind load requirements.

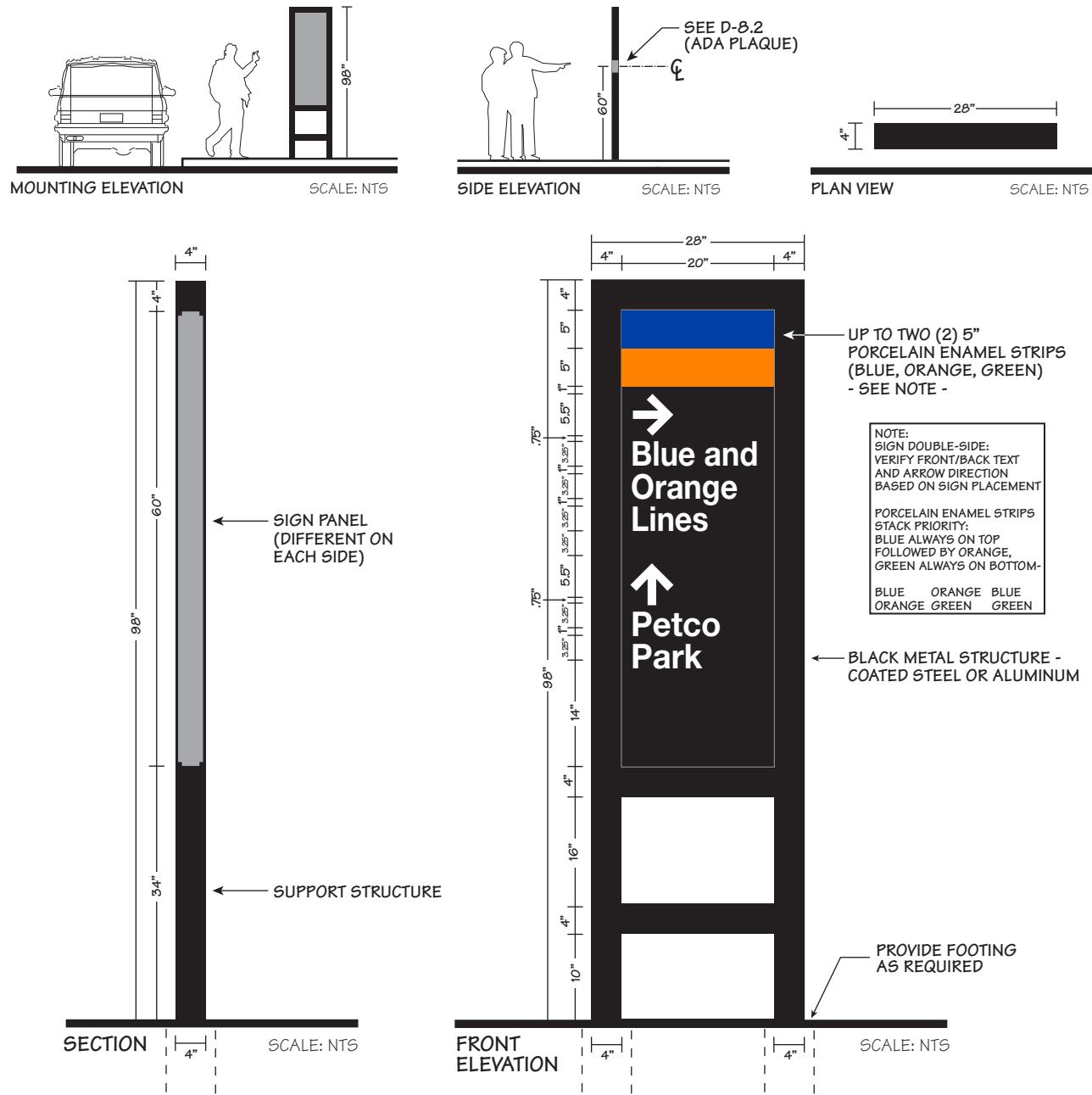
Steel sign structure to be mounted in concrete footings. See detail in specifications.

Signs will be mounted in both landscape & hard scape conditions.

Flange mount structure for hardscape condition. Sign contractor to field verify mounting conditions.

Refer to specifications for additional notes.

Field verify for specific placement to determine text and arrow direction.





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 8 Directional Kiosk

12th & Imperial

Revision
October 2018

SAP Sign Inventory
Object Type:
SG-DIRE-PE

Sheet Number

D-8.1

Specifications

Sign Panel: 20" X 60"
Sign Size: 28" x 98"
Corner Radius: none
Mounting: Sign Panel in steel frame
Material: Porcelain enamel and painted steel
Copy: White porcelain enamel
Colors: Rich black, PMS 293C, PMS 347C, PMS 151C, Bright White

Double-Sided - different art each side

Notes:

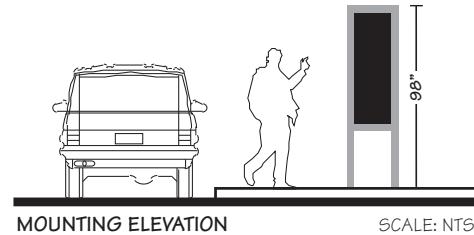
Sign panel to be attached to structure with concealed fasteners as required for safe and secure mounting and to satisfy all code and wind load requirements.

Steel sign structure to be mounted in concrete footings. See detail in specifications.

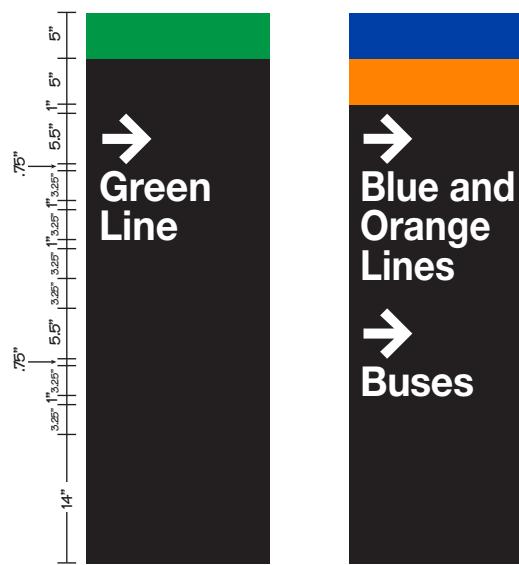
Signs will be mounted in both landscape & hard scape conditions.

Flange mount structure for hardscape condition. Sign contractor to field verify mounting conditions.

Field verify for specific placement to determine text and arrow direction.



SCALE: NTS



COPY LAYOUTS

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 8 Directional Kiosk

Revision
Dec 2019

SAP Sign Inventory
Object Type:
SG-DIRE-PE

Sheet Number

D-8.2

Specifications

Sign Panel: 20" X 60"
Sign Size: 28" x 98"
Corner Radius: none
Mounting: Sign Panel in steel frame
Material: Porcelain enamel and painted steel
Copy: White porcelain enamel
Colors: Rich black, PMS 293C, PMS 347C, PMS 151C, Bright White

Double-Sided - different art each side

Notes:

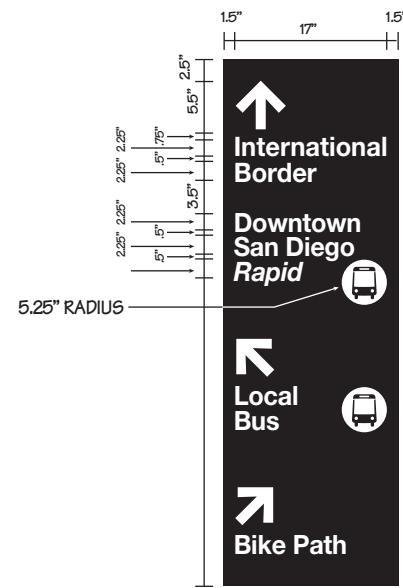
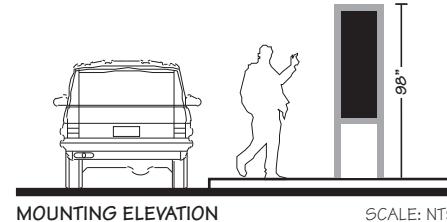
Sign panel to be attached to structure with concealed fasteners as required for safe and secure mounting and to satisfy all code and wind load requirements.

Steel sign structure to be mounted in concrete footings. See detail in specifications.

Signs will be mounted in both landscape & hard scape conditions.

Flange mount structure for hardscape condition. Sign contractor to field verify mounting conditions.

Field verify for specific placement to determine text and arrow direction.



COPY LAYOUTS

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 10 Station Identification

72"W

Revision
March 2022

SAP Sign Inventory
Object Type:
SG-IDEN-ST

Sheet Number

D-10

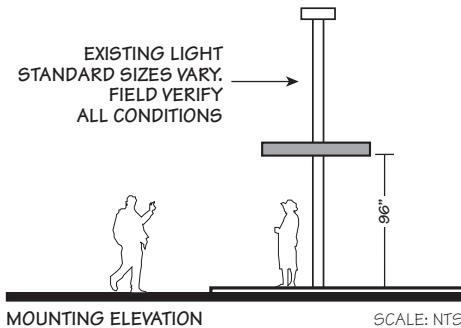
Specifications

- Sign Panel:** 72" x 10"
- Sign Height:** Based on Canopy fascia
- Corner Radius:** Outer radius .75"
- Mounting:** Mount to canopy structure with tamper proof wood screws as required
- Material:** .125" Aluminum Panel
- Copy:** Reflective
- Colors:** Rich Black, PMS 293C, PMS 347C, PMS 151C, bright white
- Sign to be **Single-Sided**

Notes:

Coordinate bar color with line/station location

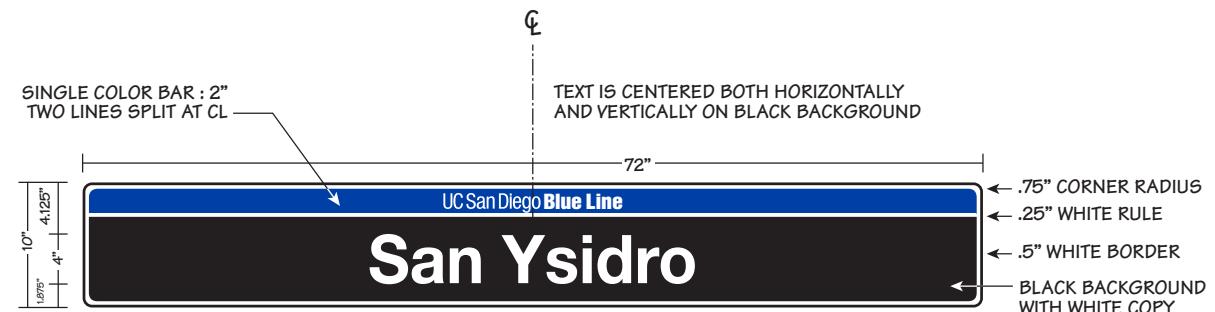
All signs must have a 10 year warranty against defects



UC San Diego Blue Line Orange Line Green Line

ART: SPECIFIC

REQUEST FROM MTS



FRONT SECTION

SCALE: NTS

NOTE:
STRIPS LAYOUT PRIORITY:
BLUE ALWAYS ON LEFT FOLLOWED
BY ORANGE, GREEN ALWAYS ON RIGHT

BLUE/ORANGE
ORANGE/GREEN
BLUE/GREEN



COPY LAYOUTS

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

**Sign Type 12
Station Identification**
48" W

Revision
March 2022
SAP Sign Inventory
Object Type:
SG-IDEN-ST

Sheet Number

D-12

Specifications

Sign Panel: 48" x 10"
Sign Height: 96" to bottom of sign
Corner Radius: Outer radius .75"
Mounting: Mount to existing light standards
Material: .125" Aluminum Panel

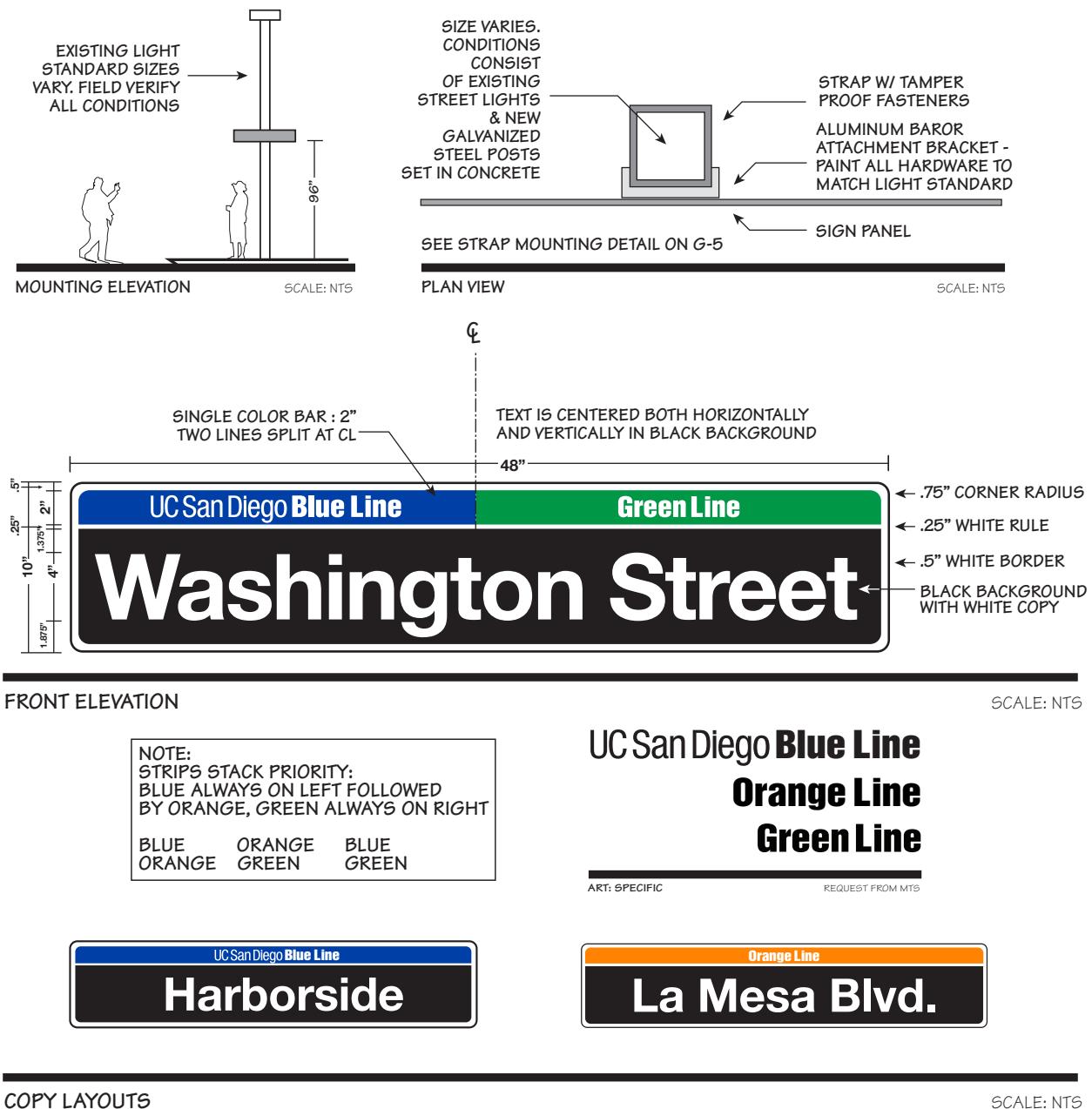
Copy: Reflective
Use 4" capital letter height where possible, leaving at least 1" of empty space at end of copy
Minimum capital letter height is 3" text and maybe condensed to fit if necessary

Colors: Rich Black, PMS 293C, PMS 347C, PMS 151C, bright white
Sign to be **Single-Sided**

Notes:
If conditions prevent the use of light standards, sign contractor shall provide post as required.

Coordinate bar color with line/station location

All signs must have a 10 year warranty against defects



**UC San Diego Blue Line
Orange Line
Green Line**

ART. SPECIFIC

REQUEST FROM MTS

SCALE: NTS

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 12 Station Identification

38" W

Revision

March 2022

SAP Sign Inventory
Object Type:
SG-IDEN-ST

Sheet Number

D-12.1

Specifications

Sign Panel: 38" x 10"

Sign Height: 96" to bottom of sign

Corner Radius: Outer radius .75"

Mounting: Mount to existing light standards

Material: .125" Aluminum Panel

Copy: Reflective
Use 4" capital letter height where possible, leaving at least 1" of empty space at end of copy

Minimum capital letter height is 3" text and maybe condensed to fit if necessary

Colors: Rich Black, PMS 293C, PMS 347C, PMS 151C, bright white

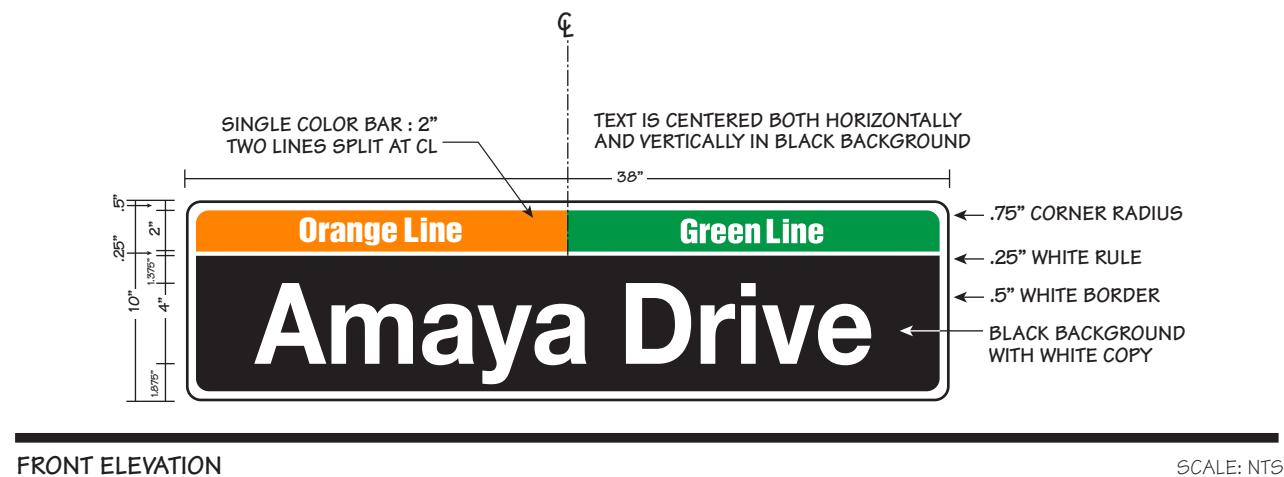
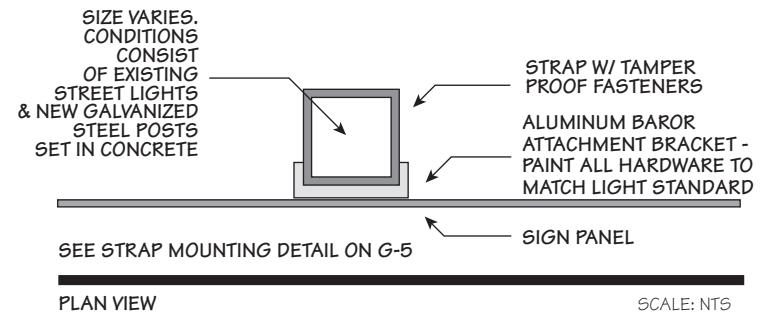
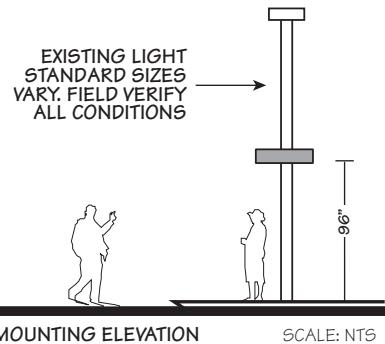
Sign to be **Single-Sided**

Notes:

If conditions prevent the use of light standards, sign contractor shall provide post as required.

Coordinate bar color with line/station location

All signs must have a 10 year warranty against defects



FRONT ELEVATION

NOTE:
STRIPS STACK PRIORITY:
BLUE ALWAYS ON LEFT FOLLOWED BY ORANGE, GREEN ALWAYS ON RIGHT
BLUE ORANGE BLUE
ORANGE GREEN GREEN

UC San Diego Blue Line
Orange Line
Green Line

ART: SPECIFIC

REQUEST FROM MTS



COPY LAYOUTS



SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 15 Destination Identification Blue Line

Revision
March 2016

SAP Sign Inventory
Object Type:
SG-IDEN-ST

Sheet Number

D-15

Specifications

Sign Panel: 24" x 30"

Sign Height: 84" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: to existing light standards

Material: .125" Aluminum Panel

Copy: Reflective
Font to be condensed as needed, not to exceed 80%

Colors: Rich Black,
PMS 293C, bright white

Sign to be **Double-Sided**

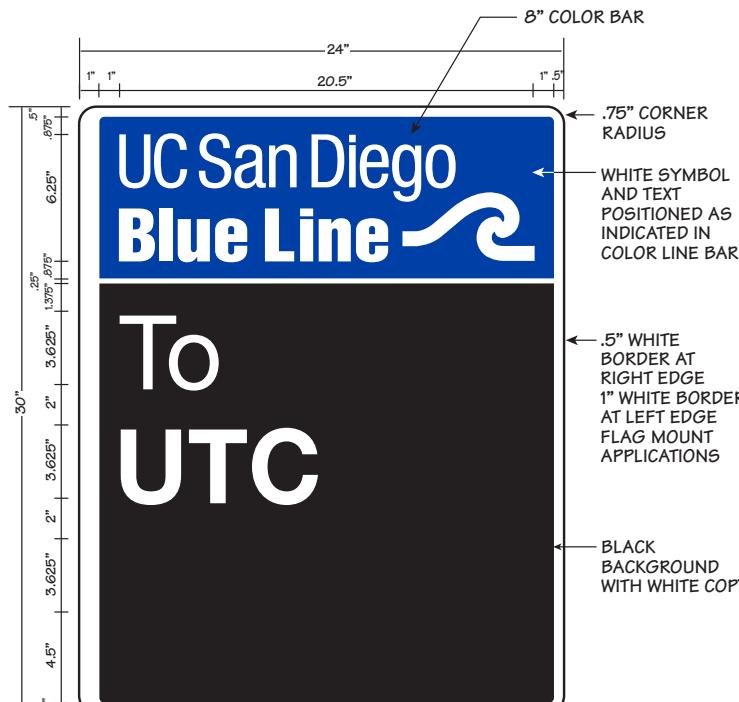
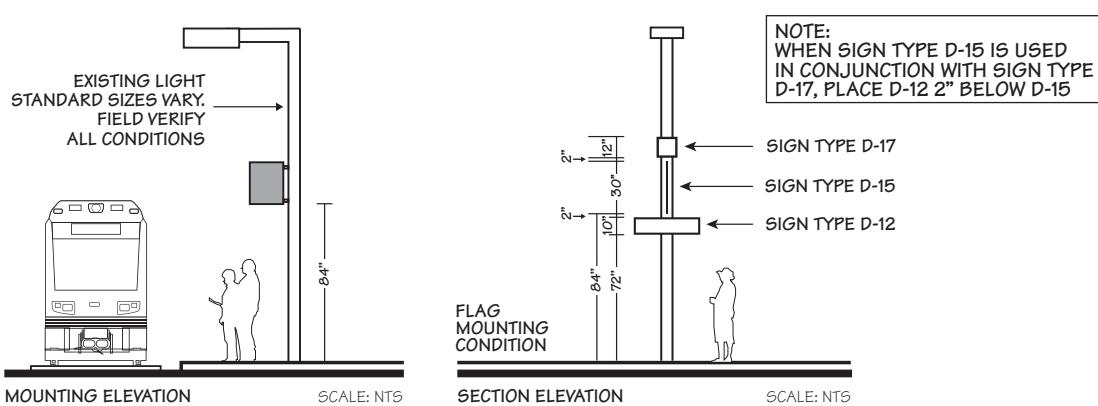
Notes:

When sign is center flush mounted, border is .5" on all four sides

When sign is flag mounted, border is .5" on three sides, and 1" on side mounted

Sign contractor to verify mounting conditions

All signs must have a 10 year warranty against defects



FRONT ELEVATION (FLAG MOUNTED CONDITION)

To SCALE

**UC San Diego
Blue Line** 
ART: SPECIFIC
REQUEST FROM MTS



SAMPLE COPY LAYOUTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 15 Destination Identification

Orange Line

Revision
November 2018

SAP Sign Inventory
Object Type:
SG-IDEN-ST

Sheet Number

D-15.1

Specifications

Sign Panel: 24" x 30"

Sign Height: 84" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: to existing light standards

Material: .125" Aluminum Panel

Copy: Reflective
Font to be condensed as needed, not to exceed 80%

Colors: Rich Black, PMS 151C, bright white

Sign to be **Double-Sided**

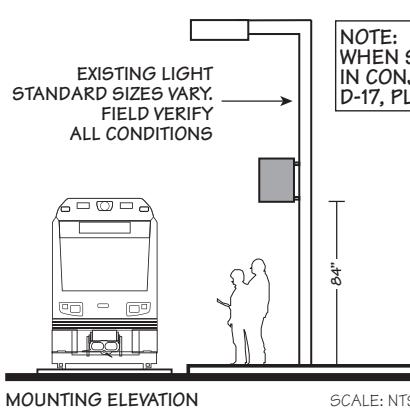
Notes:

When sign is center flush mounted, border is .5" on all four sides

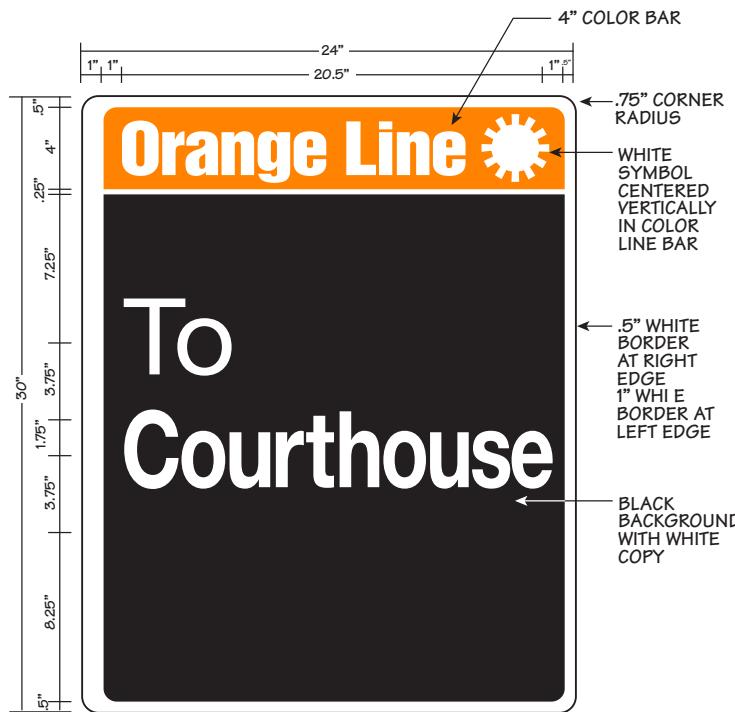
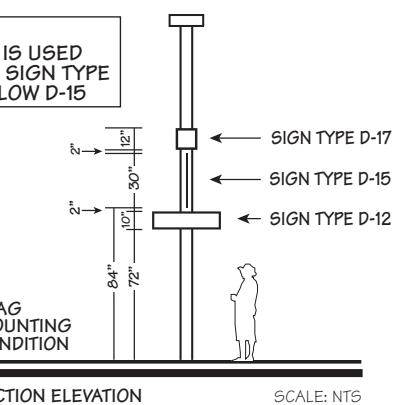
When sign is flag mounted, border is .5" on three sides, and 1" on side mounted

Sign contractor to verify mounting conditions

All signs must have a 10 year warranty against defects



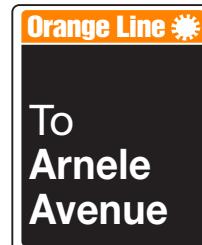
NOTE:
WHEN SIGN TYPE D-15 IS USED IN CONJUNCTION WITH SIGN TYPE D-17, PLACE D-12 2" BELOW D-15



Orange Line *

ART: SPECIFIC

REQUEST FROM MTS





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 15 Destination Identification Green Line

Revision
March 2022

SAP Sign Inventory
Object Type:
SG-IDEN-ST

Specifications

Sign Panel: 24" x 30"

Sign Height: 84" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: to existing light standards

Material: .125" Aluminum Panel

Copy: Reflective
Font to be condensed as needed, not to exceed 80%

Colors: Rich Black, PMS 347C, bright white

Sign to be **Double-Sided**

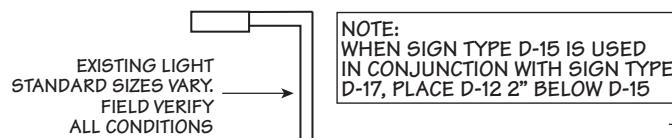
Notes:

When sign is center flush mounted, border is .5" on all four sides

When sign is flag mounted, border is .5" on three sides, and 1" on side mounted

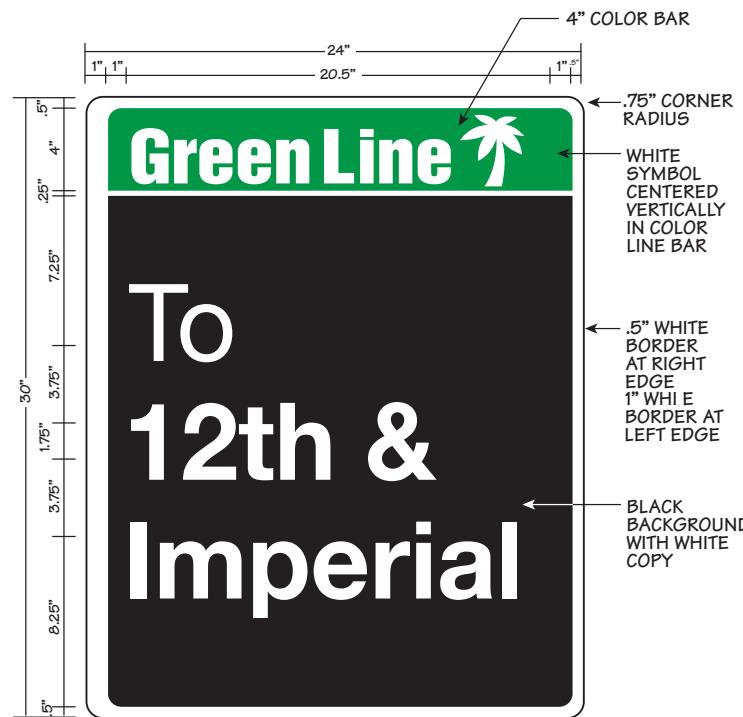
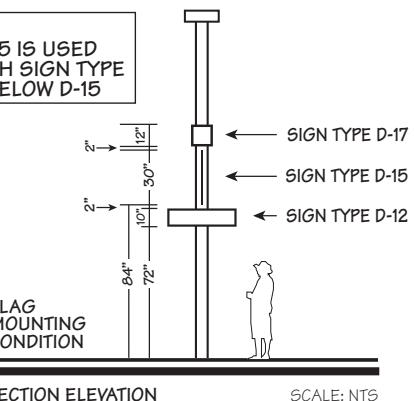
Sign contractor to verify mounting conditions

All signs must have a 10 year warranty against defects



MOUNTING ELEVATION

SCALE: NTS



Green Line

ART: SPECIFIC

REQUEST FROM MTS



Sheet Number

D-15.2



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 16 Information Fare Zone

Revision
March 2022

SAP Sign Inventory
Object Type:
SG-INFO-FZ

Sheet Number

D-16

Specifications

Sign Panel: 20" x 24"

Sign Height: 84" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: to existing light standards

Material: .08" Aluminum Panel

Copy: Reflective

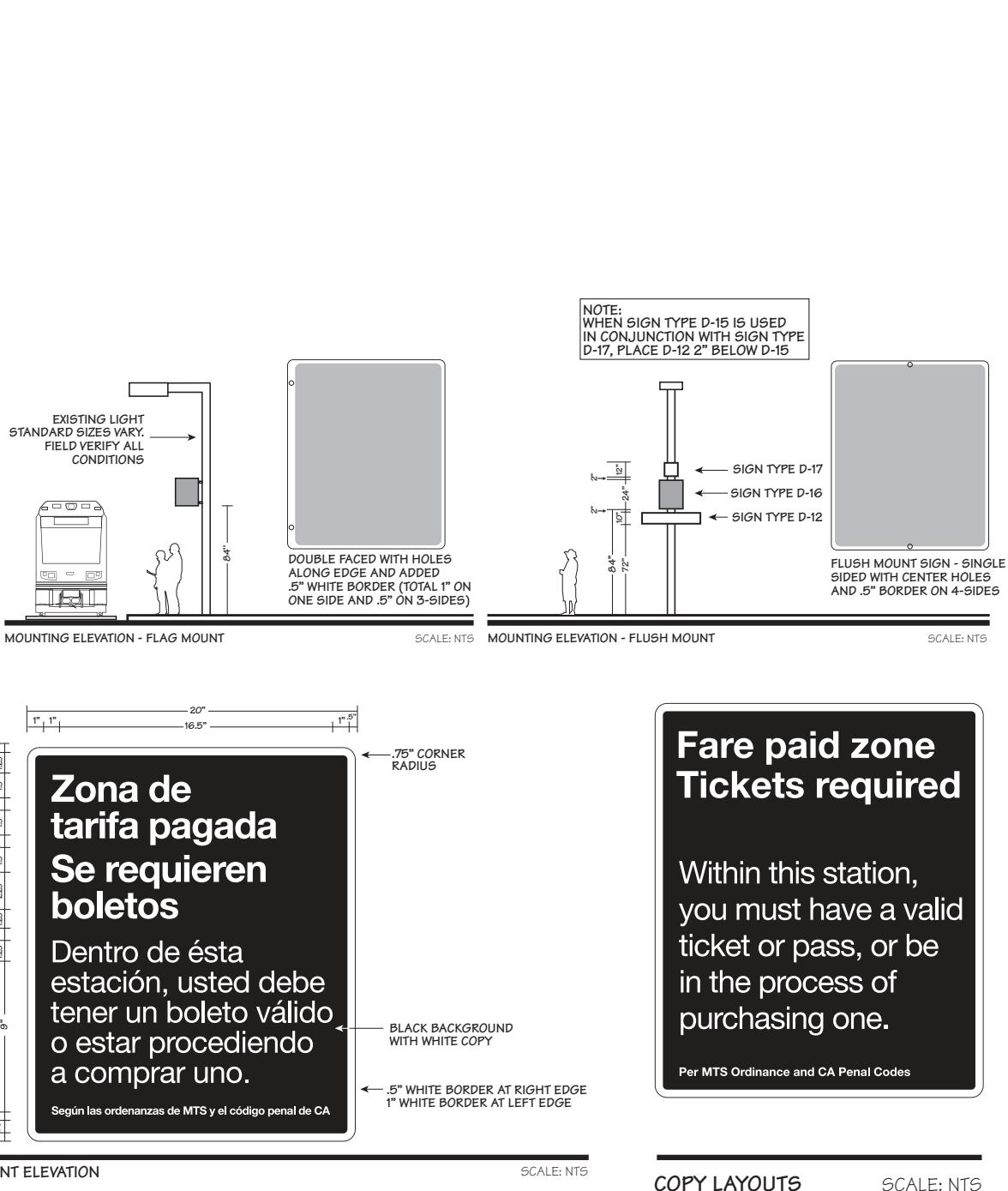
Colors: Black background with bright white copy

Flag Mount is **Double-Sided**
Flush Mount is **Single-Sided**

Notes:

Field verify to determine mounting conditions and provide appropriate tamper-proof hardware.

All signs must have a 10 year warranty against defects



Fare paid zone Tickets required

Within this station, you must have a valid ticket or pass, or be in the process of purchasing one.

Per MTS Ordinance and CA Penal Codes

COPY LAYOUTS

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 17 Information Small

Revision
April 2016

SAP Sign Inventory
Object Type:
SG-INFO

Sheet Number

D-17

Specifications

Sign Panel: 12" x 12"

Sign Height: 128"-138"
depending on height of sign
Type 12 if below

Corner Radius:
Outer radius .75"

Mounting: use tamper proof
fasteners to attach panel to post

Material: .08" Aluminum
Panel

Copy: Reflective
Type: Helvetica Bold
Condensed
Copy centered vertically and
horizontally within plaque

Colors: Black background
with white copy and arrow

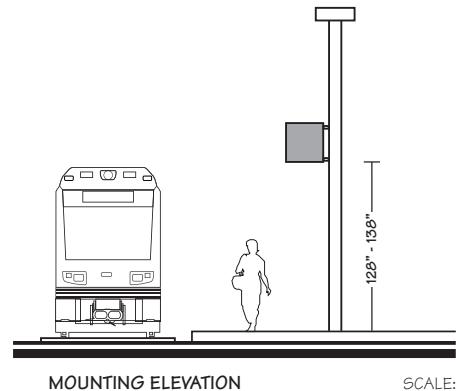
Sign to be **Single-Sided**

Notes:

Isolate panel from post
to prevent electrolysis/
corrosion

Field verify for arrow
direction

All signs must have a 10 year
warrenty against defects



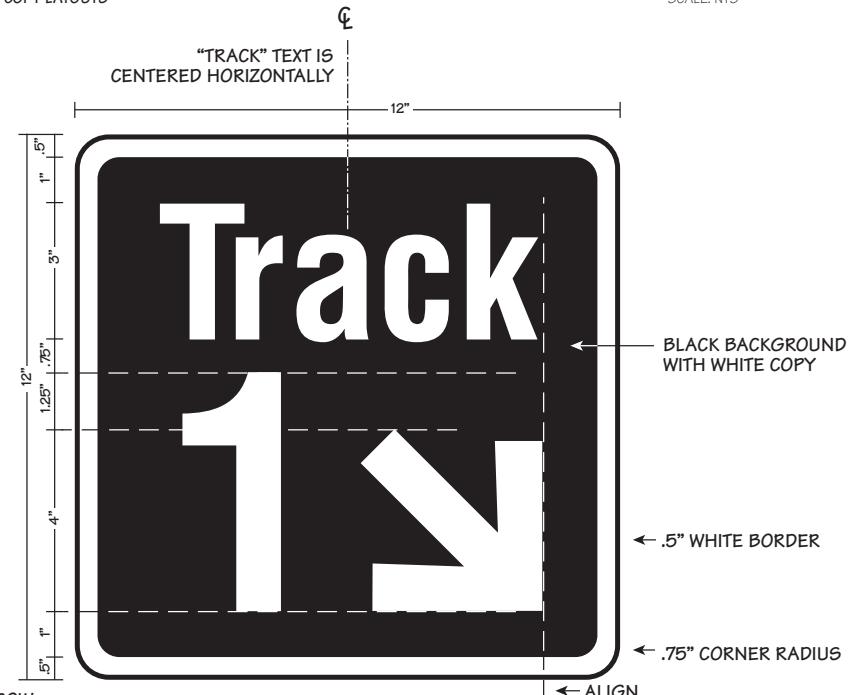
MOUNTING ELEVATION

SCALE: NTS



COPY LAYOUTS

SCALE: NTS



ELEVATION

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 17 Information

Small

Revision
April 2016

SAP Sign Inventory
Object Type:
SG-INFO

Sheet Number

D-17.1

Specifications

Sign Panel: 12" x 12"

Sign Height: Field verify for station specific placement

Corner Radius:
Outer radius .75"

Mounting: use tamper proof fasteners to attach panel to post

Material: .08" Aluminum Panel

Copy: Reflective
Copy centered vertically and horizontally within plaque

Colors: Process blue C background with white symbol and arrow

Sign to be **Single-Sided**

Notes:

Isolate panel from post to prevent electrolysis/corrosion

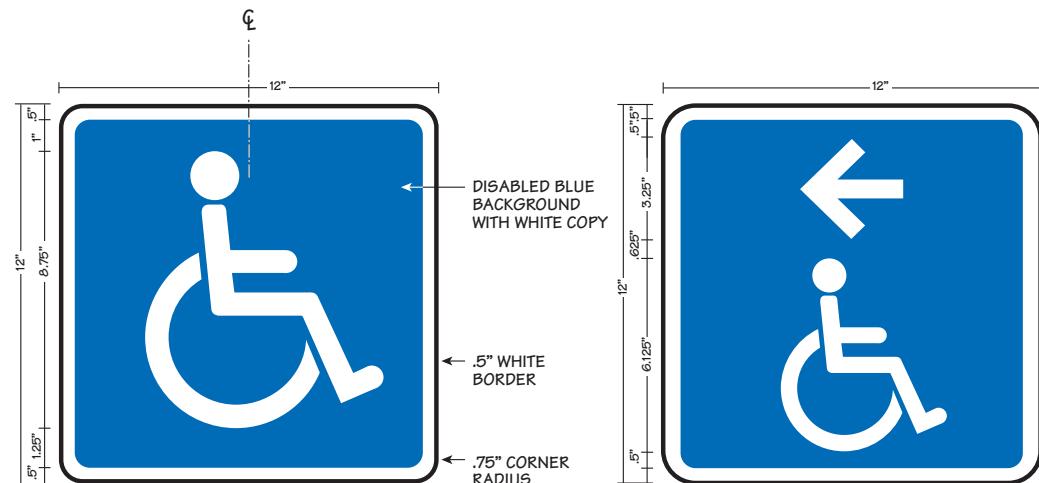
Field verify for arrow direction

All signs must have a 10 year warranty against defects



COPY LAYOUTS

SCALE: NTS



FRONT ELEVATION

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 18 Pedestrian Trailblazer

Revision
DEC 2019

SAP Sign Inventory
Object Type:
SG-DIRE-PE

Specifications

Sign Panel: 20" x 24"

Sign Height: 96" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: flag or flush

Material: .08" Aluminum Panel

Copy: Reflective

Colors: Black, Process blue C or green as indicated with white symbol and arrow

Flag Mount is **Double-Sided**
Flush Mount is **Single-Sided**

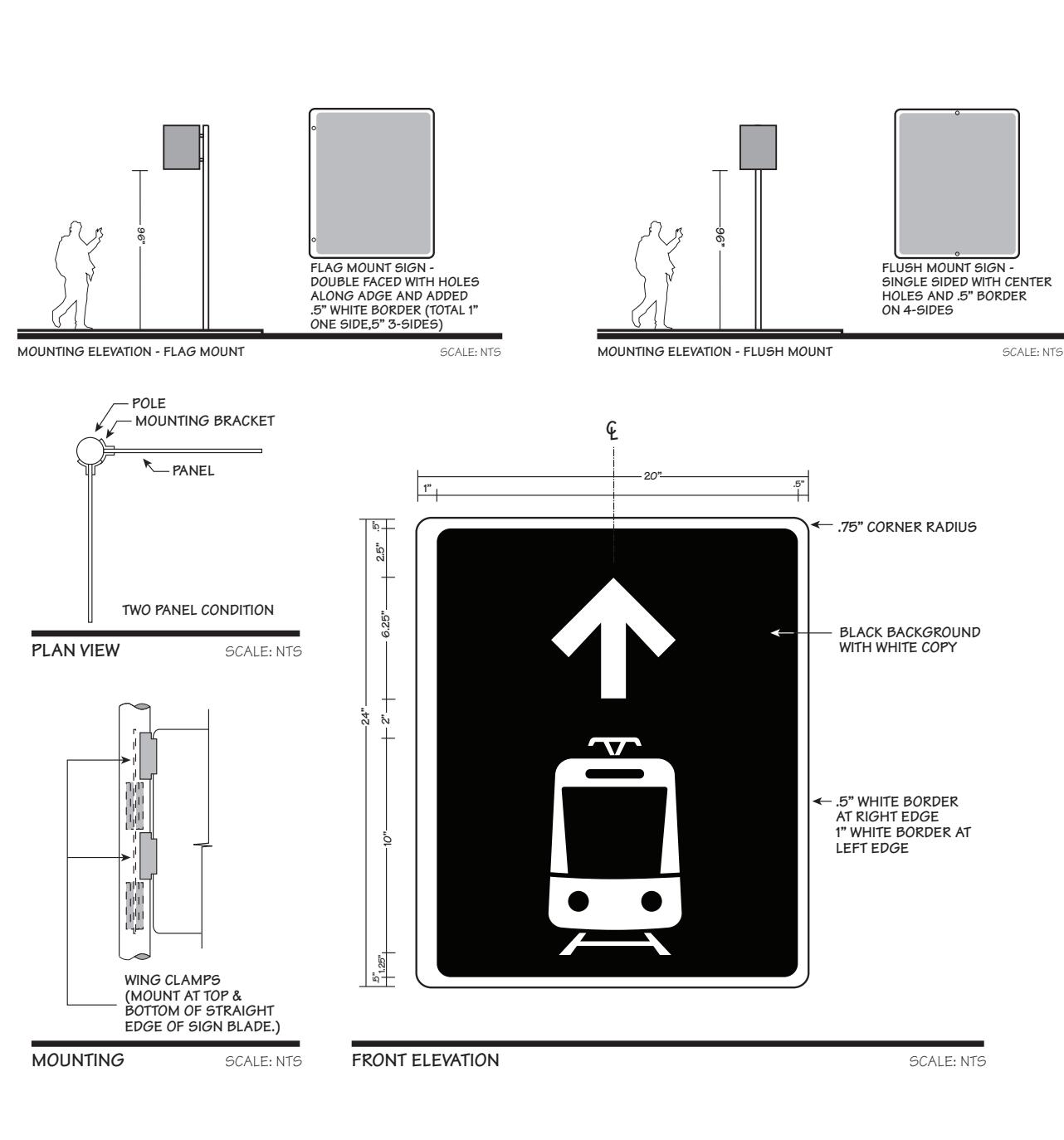
Notes:

Field verify to determine mounting conditions.

for flag mounted signs, center text/symbols based on additional .5" margin.

For flag mounted signs field verify for specific placement to determine text and arrow direction

All signs must have a 10 year warranty against defects



Sheet Number

D-18



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 18 Pedestrian Trailblazer

Revision
DEC 2019

SAP Sign Inventory
Object Type:
SG-DIRE-PE

Sheet Number

D-18.1

Specifications

Sign Panel: 20" x 24"

Sign Height: 96" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: flag or flush

Material: .08" Aluminum Panel

Copy: Reflective

Colors: Black, Process blue C or green as indicated with white symbol and arrow

Flag Mount is **Double-Sided**
Flush Mount is **Single-Sided**

Notes:

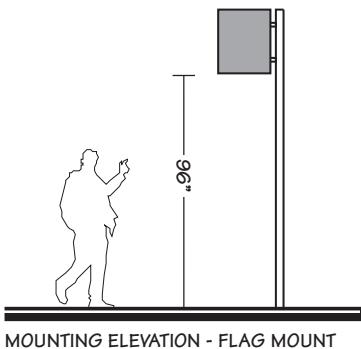
Field verify to determine mounting conditions.

For flag mounted signs, center text/symbols based on additional .5" margin.

Flush mounted signs center copy on plaque

For Flag mounted signs, field verify for specific placement to determine text and arrow direction

All signs must have a 10 year warranty against defects

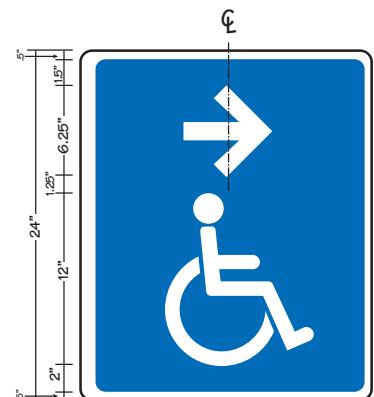
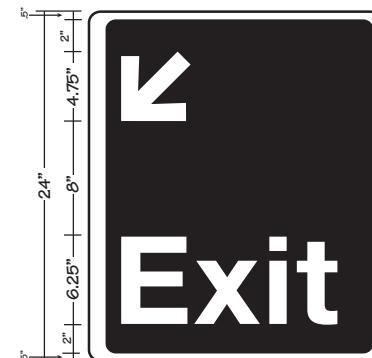
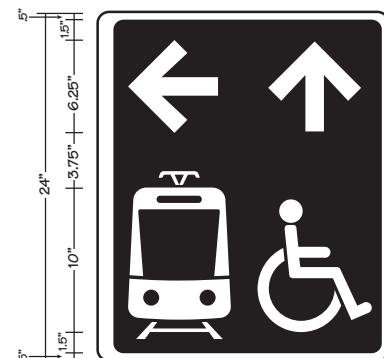
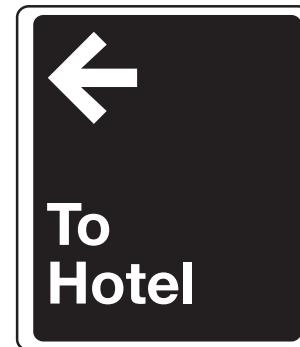
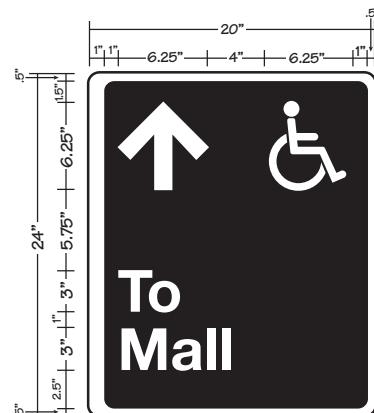


MOUNTING ELEVATION - FLAG MOUNT



FLAG MOUNT SIGN -
DOUBLE FACED WITH HOLES
ALONG EDGE AND ADDED
.5" WHITE BORDER (TOTAL 1"
ONE SIDE, 5" ON 3-SIDES)

SCALE: NTS



MOUNTING ELEVATION - FLAG MOUNT

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 18 Pedestrian Trailblazer

Revision
DEC 2019

SAP Sign Inventory
Object Type:
SG-DIRE-PE

Specifications

Sign Panel: 20" x 24"

Sign Height: 96" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: flag or flush

Material: .08" Aluminum Panel

Copy: Reflective

Colors: Black with white copy, symbol and arrow

Flag Mount is **Double-Sided**
Flush Mount is **Single-Sided**

Notes:

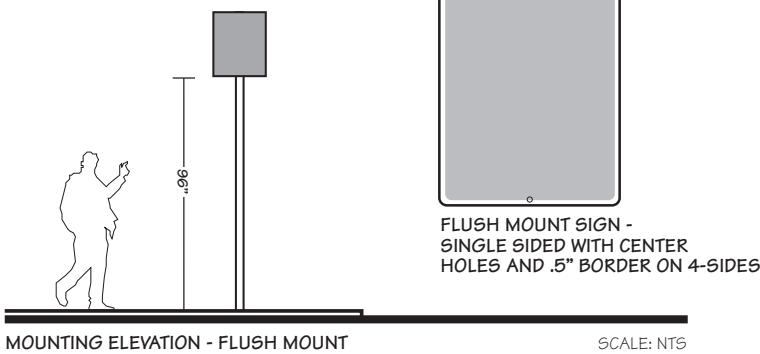
Field verify to determine mounting conditions.

For flag mounted signs, center text/symbols based on additional .5" margin.

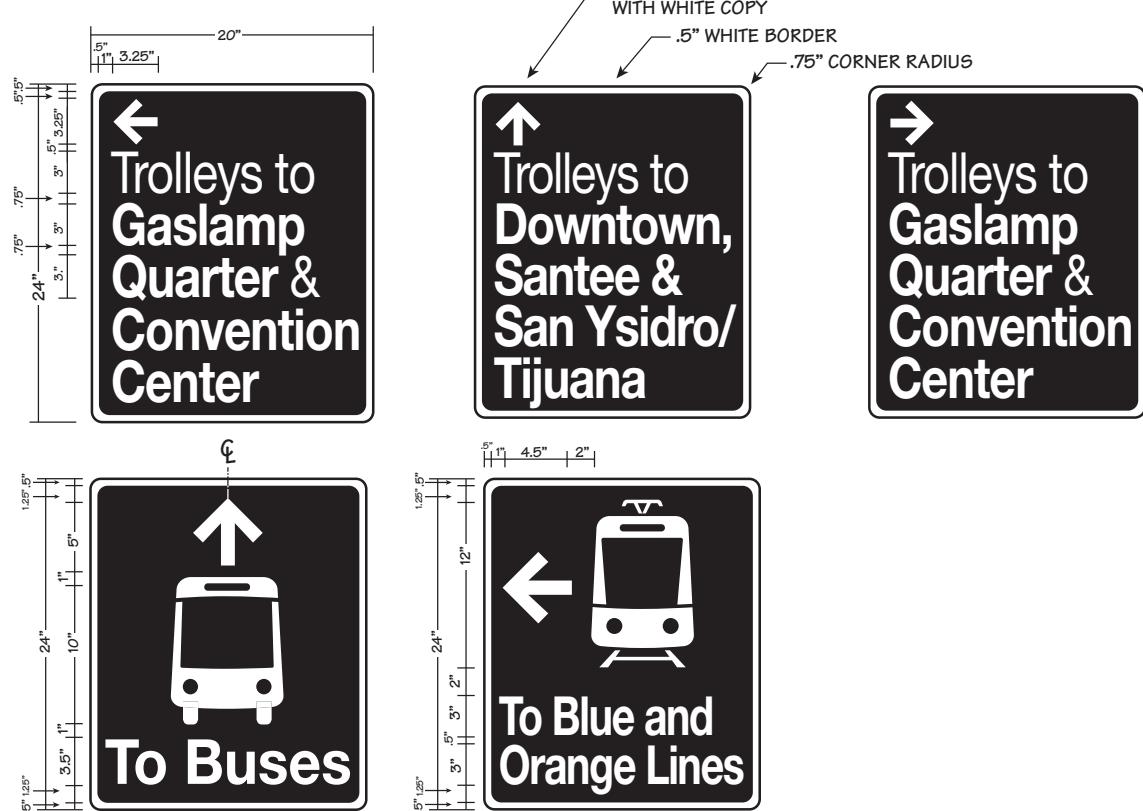
Flush mounted signs center copy on plaque

For Flag mounted signs, field verify for specific placement to determine text and arrow direction

All signs must have a 10 year warranty against defects



FLUSH MOUNT SIGN -
SINGLE SIDED WITH CENTER
HOLES AND .5" BORDER ON 4-SIDES



COPY LAYOUTS

SCALE: NTS

Sheet Number

D-18.2



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 18 Pedestrian Trailblazer

Revision
December 2018

SAP Sign Inventory
Object Type:
SG-INFO-CC

Sheet Number

D-18.3

Specifications

Sign Panel: 20" x 24"

Sign Height: 96" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: flag or flush

Material: .08" Aluminum Panel

Copy: Reflective

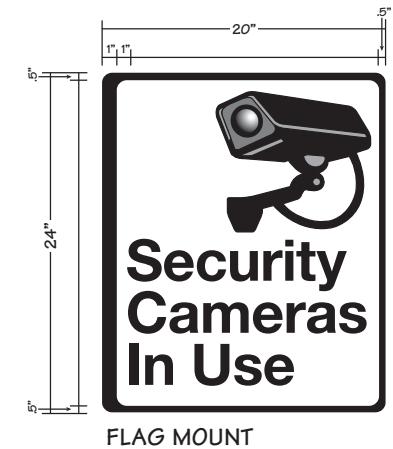
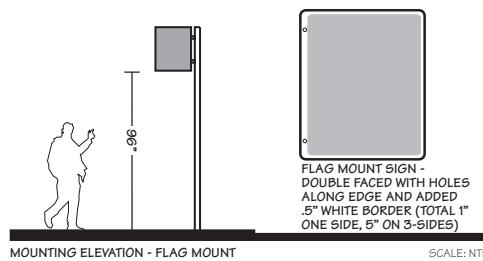
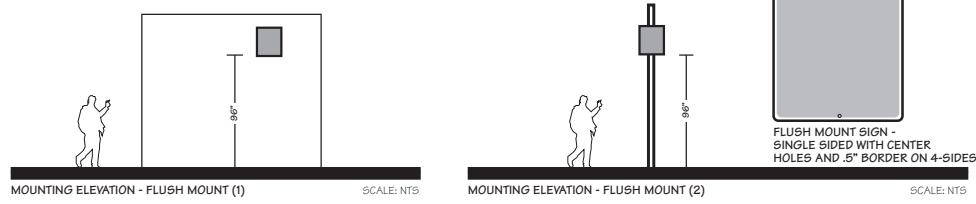
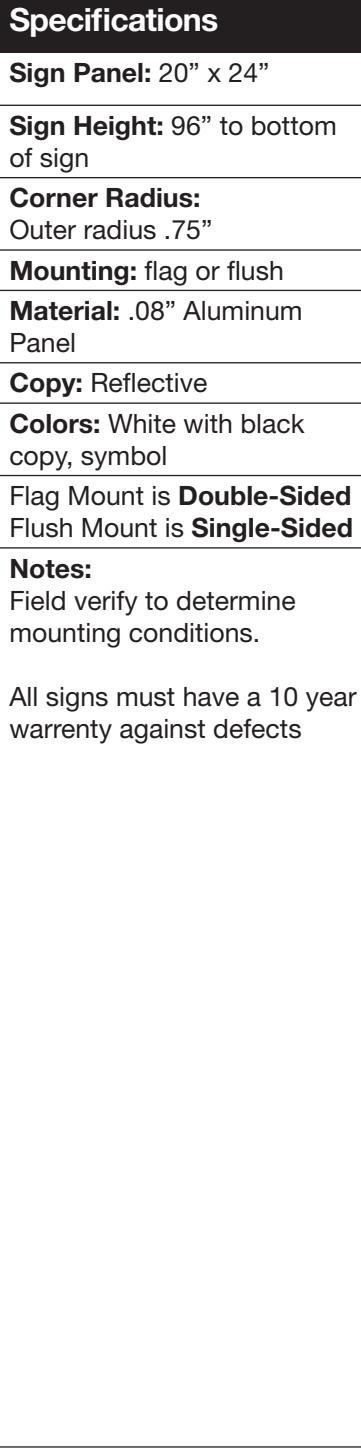
Colors: White with black copy, symbol

Flag Mount is **Double-Sided**
Flush Mount is **Single-Sided**

Notes:

Field verify to determine mounting conditions.

All signs must have a 10 year warrenty against defects



FLUSH MOUNT

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 18 Pedestrian Trailblazer

Location:
12th & Imperial

Revision
DEC 2019

SAP Sign Inventory
Object Type:
SG-DIRE-PE

Sheet Number

D-18.4

Specifications

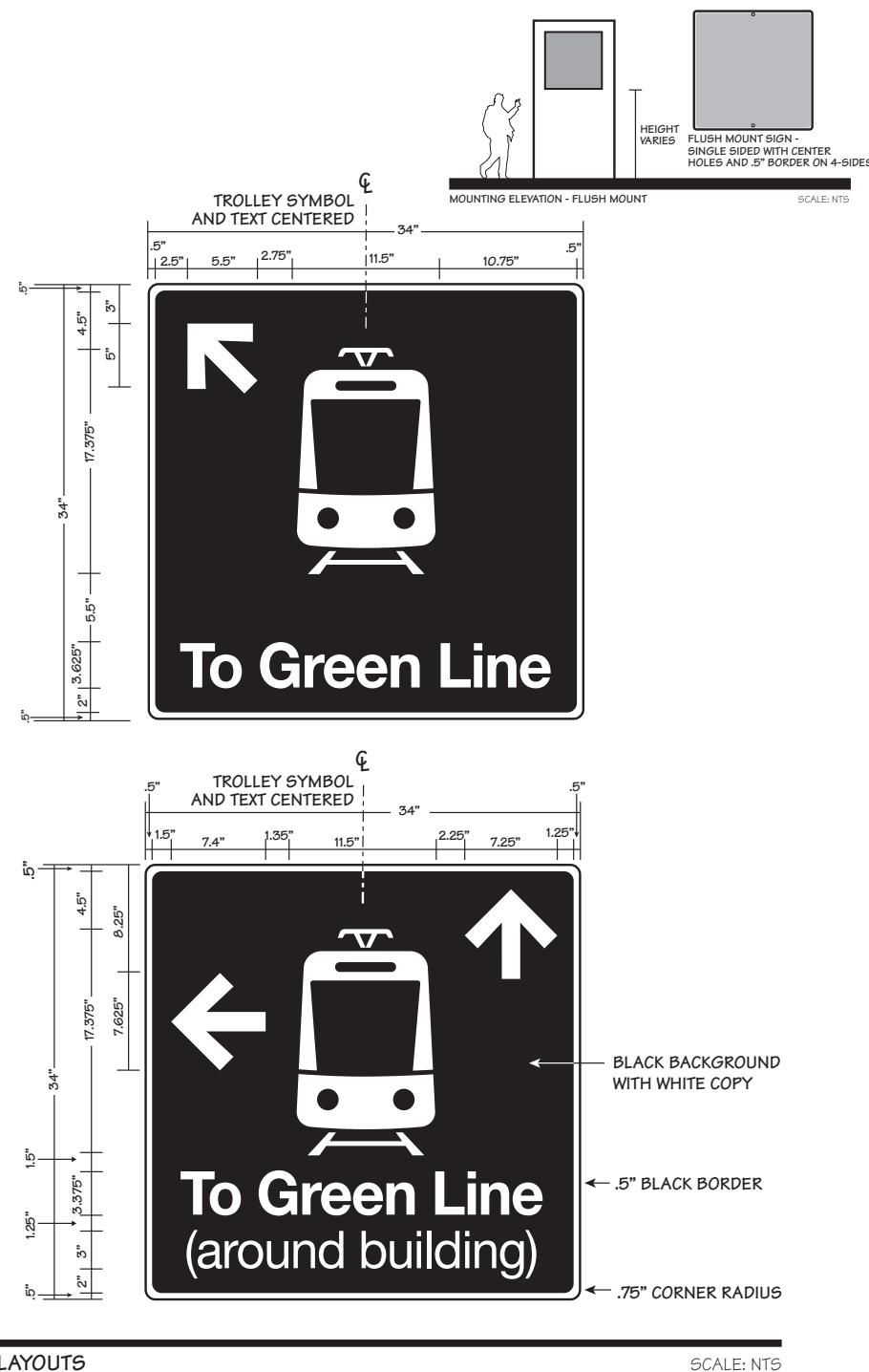
Sign Panel: 34" x 34"
Sign Height: Based on need, station specific
Corner Radius: Outer radius .75"
Mounting: flush
Material: .0125 Aluminum Panel
Copy: Reflective
Colors: black background with white copy, symbol

Single-Sided

Notes:

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 18 Pedestrian Trailblazer

Location:
12th & Imperial
and
Santa Fe Depot

Revision
DEC 2019

SAP Sign Inventory
Object Type:
SG-DIRE-PE

Sheet Number

D-18.5

Specifications

Sign Panel: 48" x 32"

Sign Height: Based on need, station specific

Corner Radius:
Outer radius .75"

Mounting: flush or flag

Material: .0125 Aluminum Panel

Copy: Reflective

Colors: black background with white copy, symbol

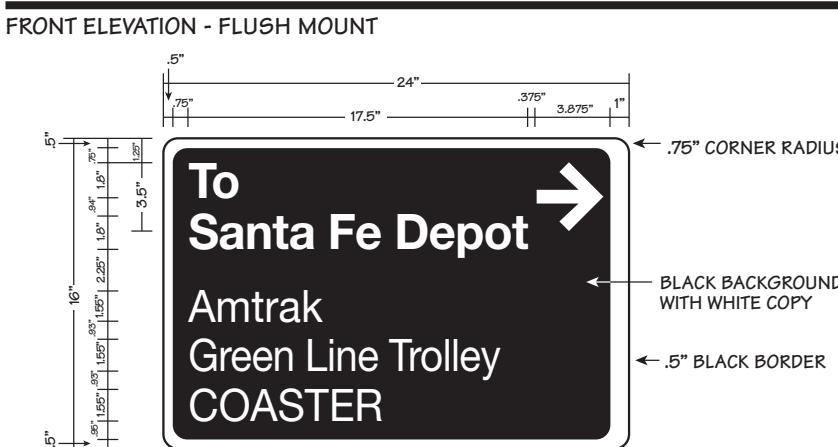
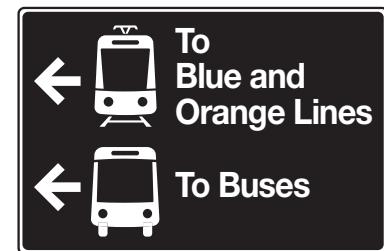
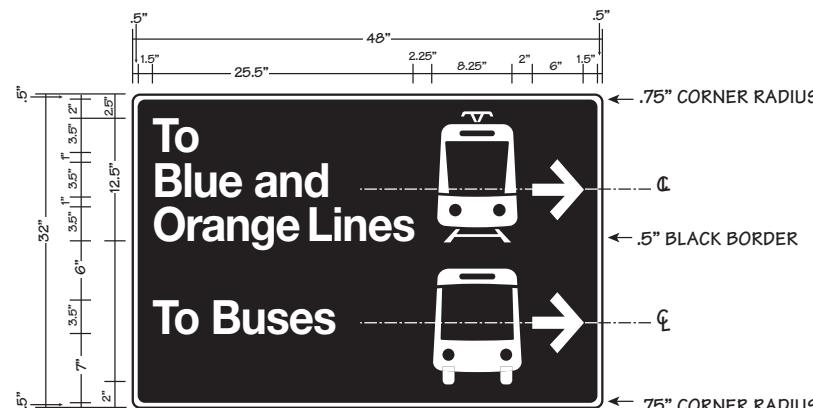
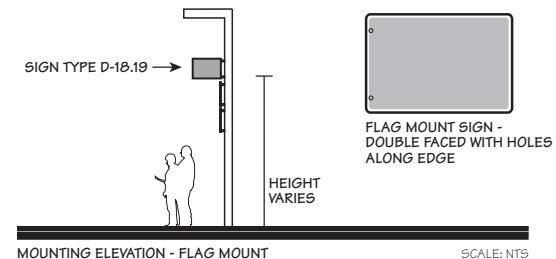
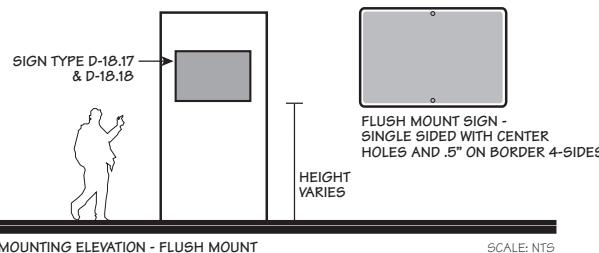
Flag Mount is **Double-Sided**
Flush Mount is **Single-Sided**

Notes:

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects

Santa Fe Depot - confirm size based on sign location





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 18 Pedestrian Trailblazer

Location:
12th & Imperial

Revision
DEC 2019

SAP Sign Inventory
Object Type:
SG-DIRE-PE

Sheet Number

D-18.6

Specifications

Sign Panel: 24" x 36"

Sign Height: Based on need, station specific

Corner Radius:
Outer radius .75"

Mounting: flush

Material: .0125 Aluminum Panel

Copy: Reflective

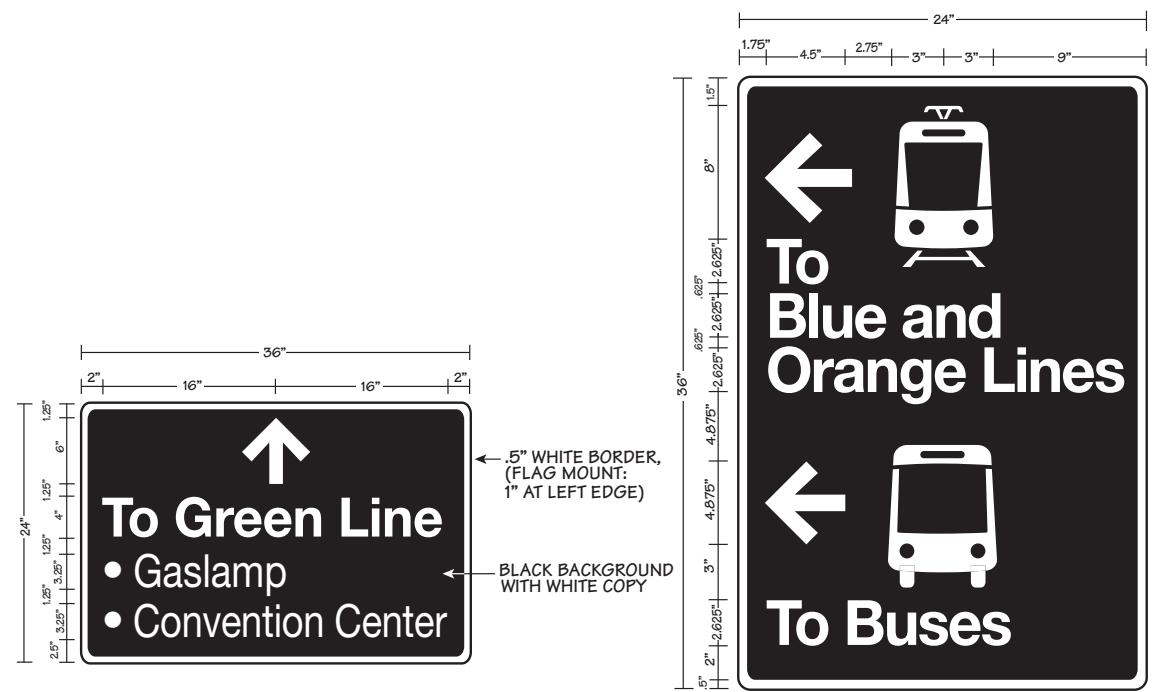
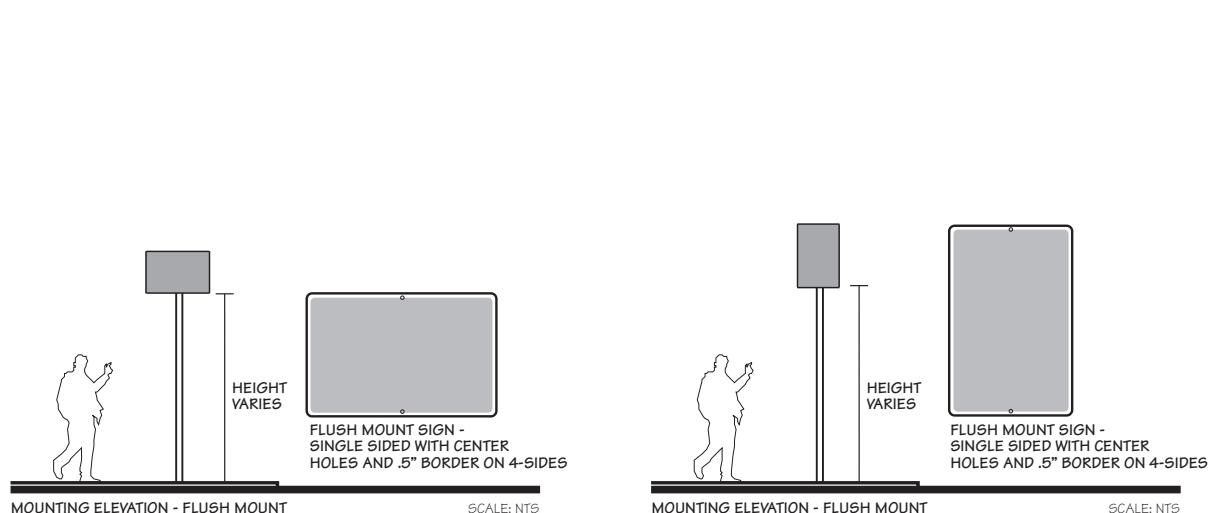
Colors: black background with white copy, symbol

Single-Sided

Notes:

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 18 Pedestrian Trailblazer

Revision
April 2016

SAP Sign Inventory
Object Type:
SG-DIRE-PE

Sheet Number

D-18.7

Specifications

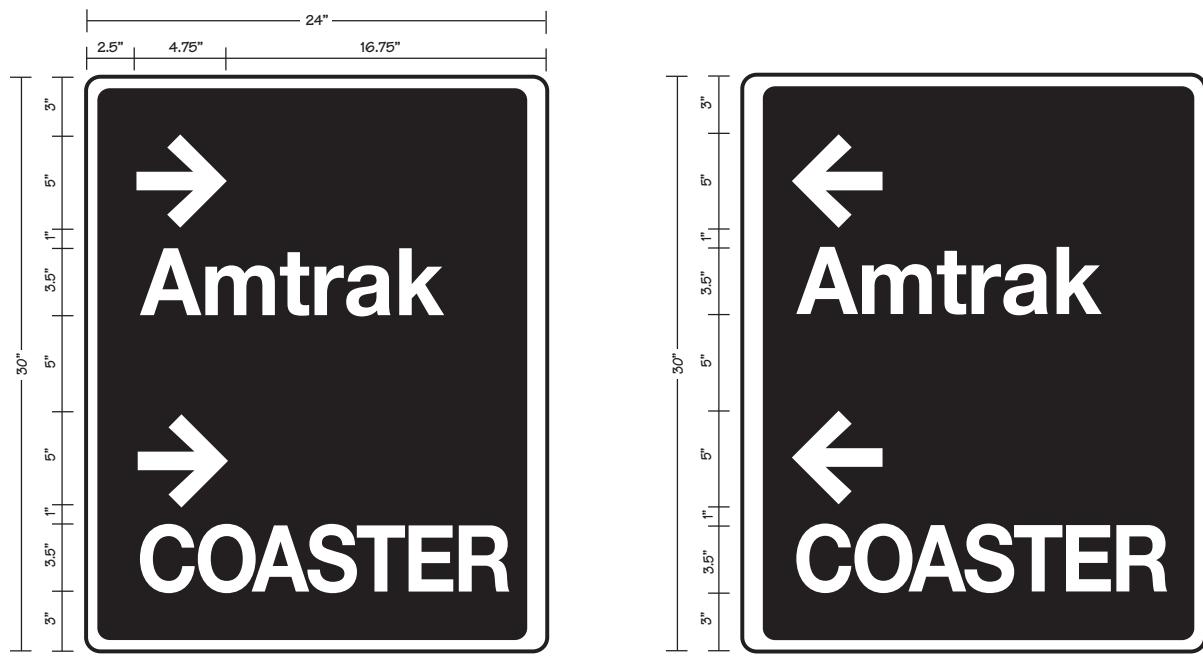
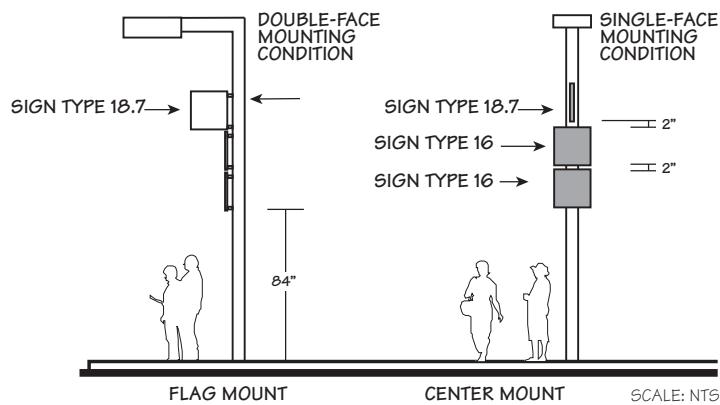
Sign Panel: 24" x 30"
Sign Height: Based on need, station specific
Corner Radius: Outer radius .75"
Mounting: flush
Material: .0125 Aluminum Panel
Copy: Reflective
Colors: black background with white copy, symbol

Single-Sided

Notes:

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects



COPY LAYOUTS

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 18 Pedestrian Trailblazer

Revision
April 2016

SAP Sign Inventory
Object Type:
SG-INFO-PA

Specifications

Sign Panel: 20" x 24"

Sign Height: 96" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: flush or flag

Material: .08 Aluminum Panel

Copy: Reflective

Colors: black background with white copy, symbol

Flag Mount is **Double-Sided**
Flush Mount is **Single-Sided**

Notes:

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects

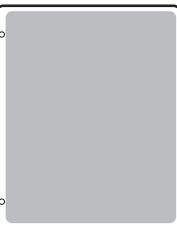
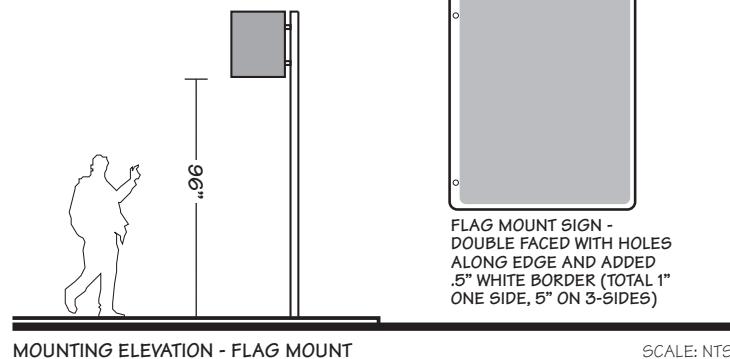
For flag mounted signs center text/symbols based on additional .5" margin

Flush mounted signs, center copy on plaque

For flag mounted signs field verify for specific placement to determine text and arrow direction

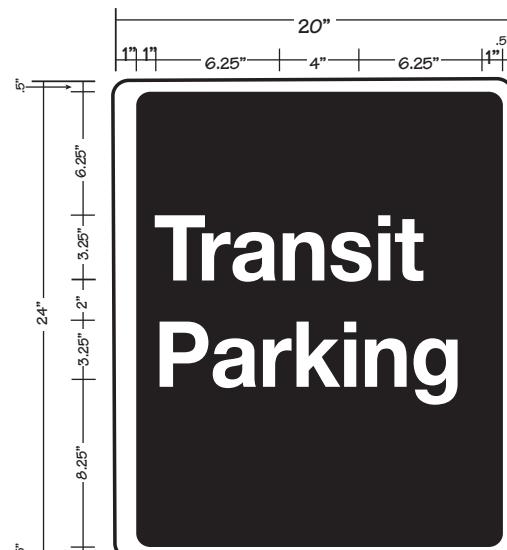
Sheet Number

D-18.8



FLAG MOUNT SIGN -
DOUBLE FACED WITH HOLES
ALONG EDGE AND ADDED
.5" WHITE BORDER (TOTAL 1"
ONE SIDE, 5" ON 3-SIDES)

SCALE: NTS



SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 18 Pedestrian Trailblazer

Revision
March 2018

SAP Sign Inventory
Object Type:
SG-REST-LO

Sheet Number

D-18.9

Specifications

Sign Panel: 20" x 24"
Sign Height: 96" to bottom of sign
Corner Radius: Outer radius .75"
Mounting: flag
Material: .08 Aluminum Panel
Copy: Reflective
Colors: black background with white copy, symbol
Flag Mount is Double-Sided

Notes:

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects

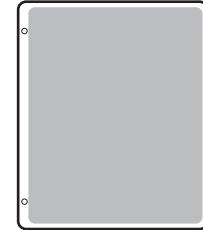
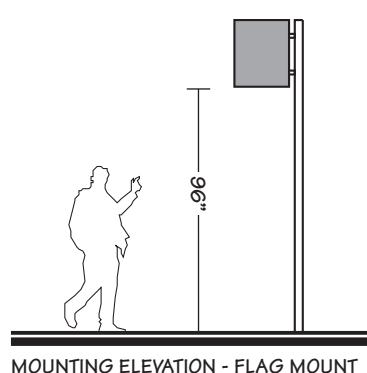
For flag mounted signs center text/symbols based on additional .5" margin

Flush mounted signs, center copy on plaque

For flag mounted signs field verify for specific placement to determine text and arrow direction

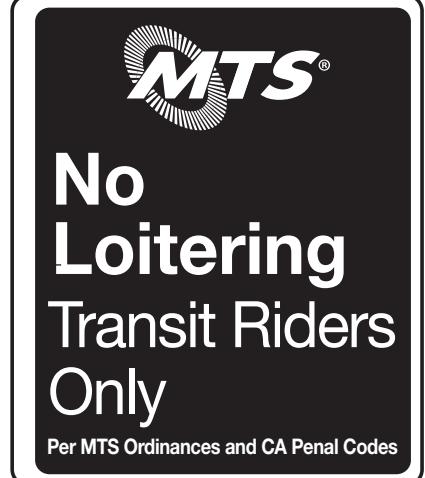


MOUNTING ELEVATION - FLAG MOUNT



FLAG MOUNT SIGN -
DOUBLE FACED WITH HOLES
ALONG EDGE AND ADDED
.5" WHITE BORDER (TOTAL 1"
ONE SIDE, 5" ON 3-SIDES)

SCALE: NTS



MOUNTING ELEVATION - FLAG MOUNT

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 30 ADA Platform Post

Revision
October 2018

SAP Sign Inventory
Object Type:
SG-IDEN-AD

Sheet Number

D-30

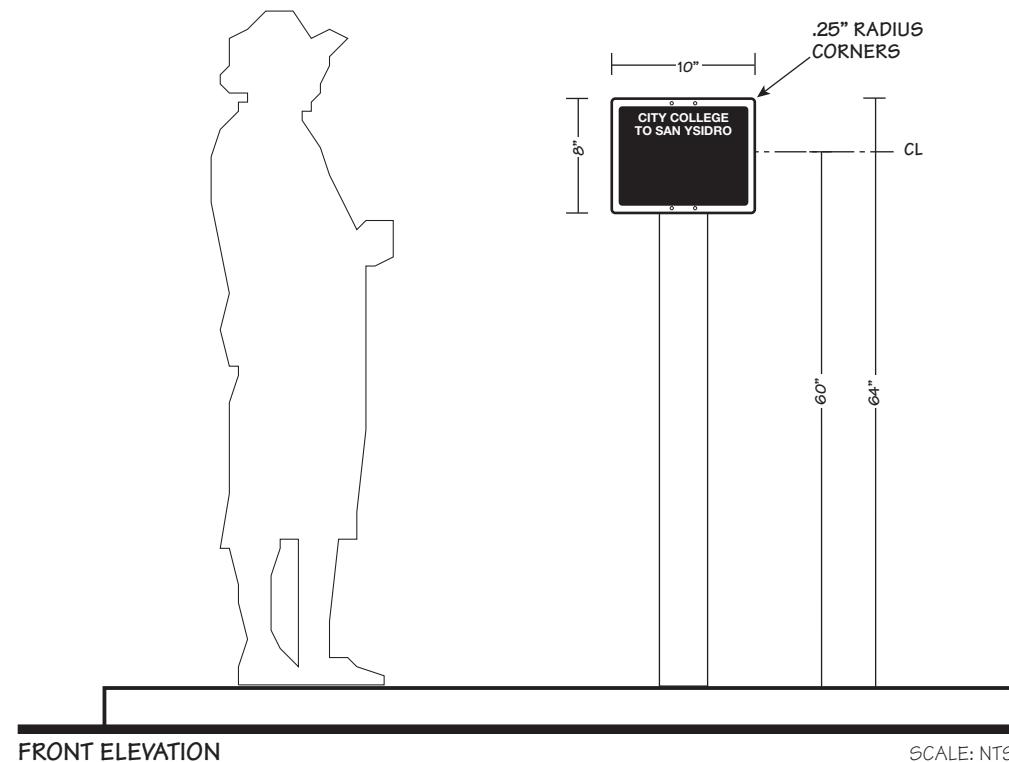
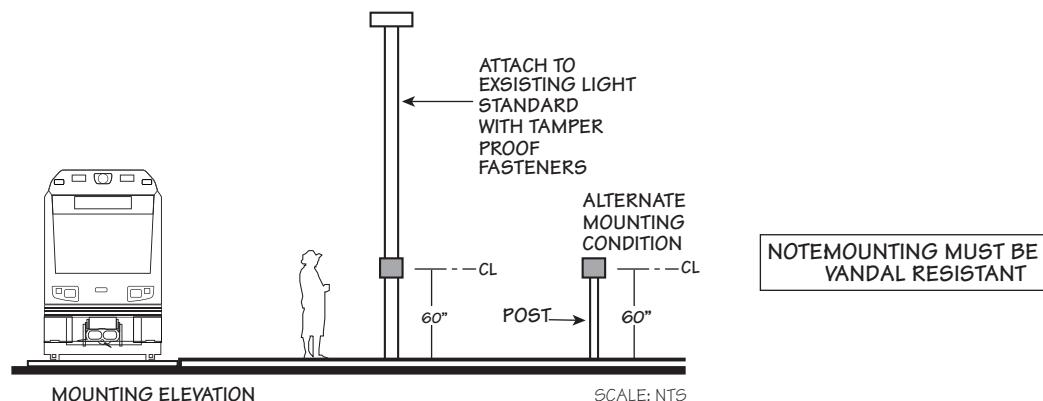
Specifications

Post Size: 4" x 4" x .125"
Sign Post Height: 65"
Panel Size: 10" x 8"
Special: Welded Cap
Mounting: Use tamper proof fasteners to attached braille sign to post
Material: .125" coated steel
Copy: Reflective
Colors: Natural Finish, coated steel with rust proofing

Single-Sided

Notes:

Due to the nature of the sign, attached to the post finish must be smooth and free of any spots or abrasions that may injure the braille reader.





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 30 ADA Platform Post

Revision
October 2018

SAP Sign Inventory
Object Type:
SG-IDEN-AD

Sheet Number

D-30.1

Specifications

Panel Size: 10" x 8"
Sign Height: 60" to center of sign
Corner Radius: .25"
Mounting: Use tamper proof fasteners to attached braille panel to post or light standard
Material: .125" etched zinc no laminante
Copy: Tactile & Braille as required by ADA

Contracted grade 2 braille shall be used wherever braille symbols are specifically required.

Dots shall be 0.1" on centers in each cell with 0.2" space between cells.

Dots shall be raised a minimum of .03125" above background

Colors: Black background, white .625" cap height copy

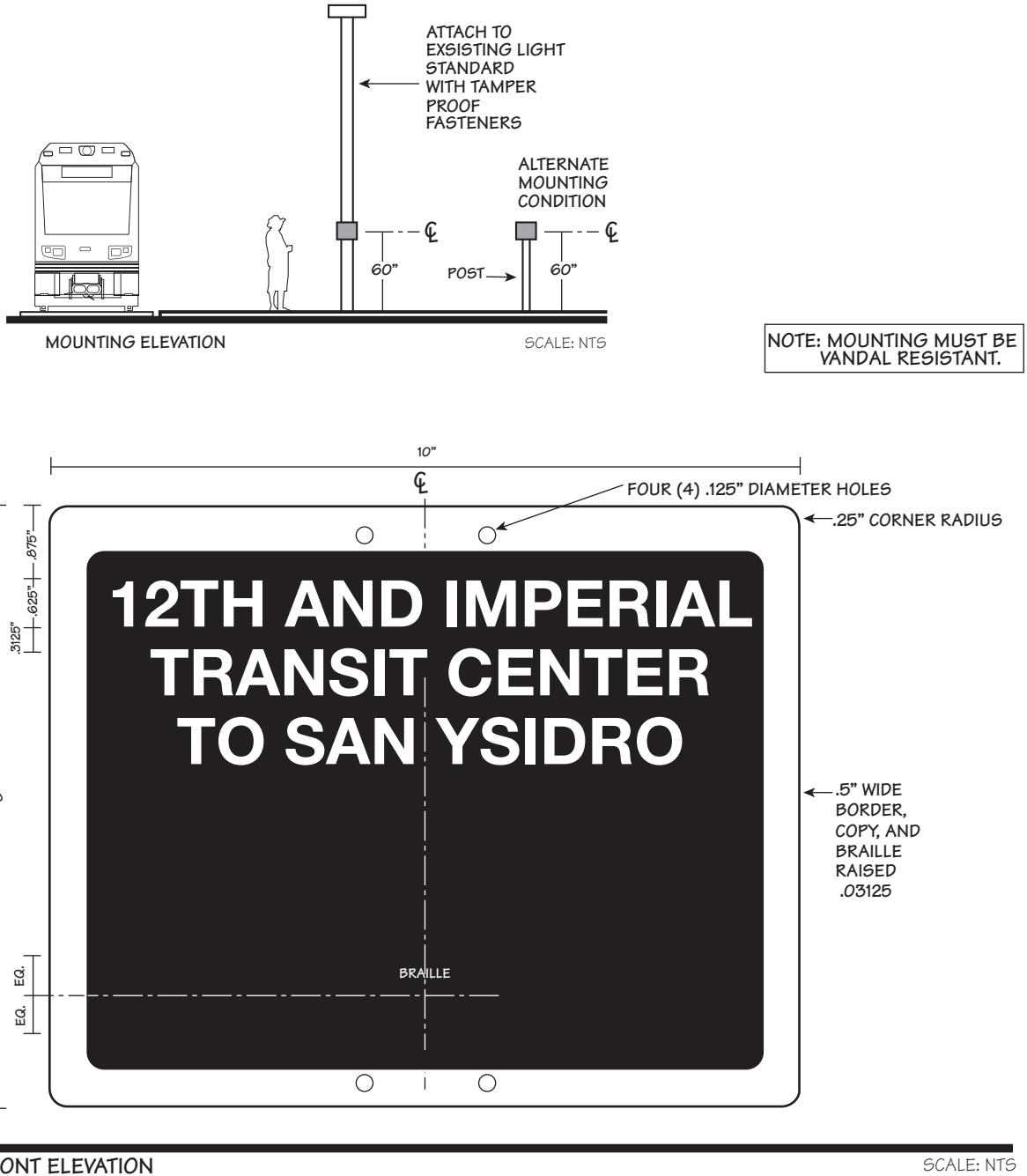
Single-Sided

Notes:

Sign contractor to provide post if light standard does not exist.

Braille translation shall be provided by sign fabricator.

All signs must have a 10 year warranty against defects.





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 40 Right of Way Speed Limit

Revision
March 2020

SAP Sign Inventory
Object Type:
SG-RIGH-SP

Specifications

Sign Panel: 18" x 18"

Sign Height: 8'-0" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: Use tamper proof fasteners and straps as required to attached panel to catenary poles

Material: .08" Aluminum Panel; White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White)

Copy: Black

Colors: White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White); Text is black

Single-Sided

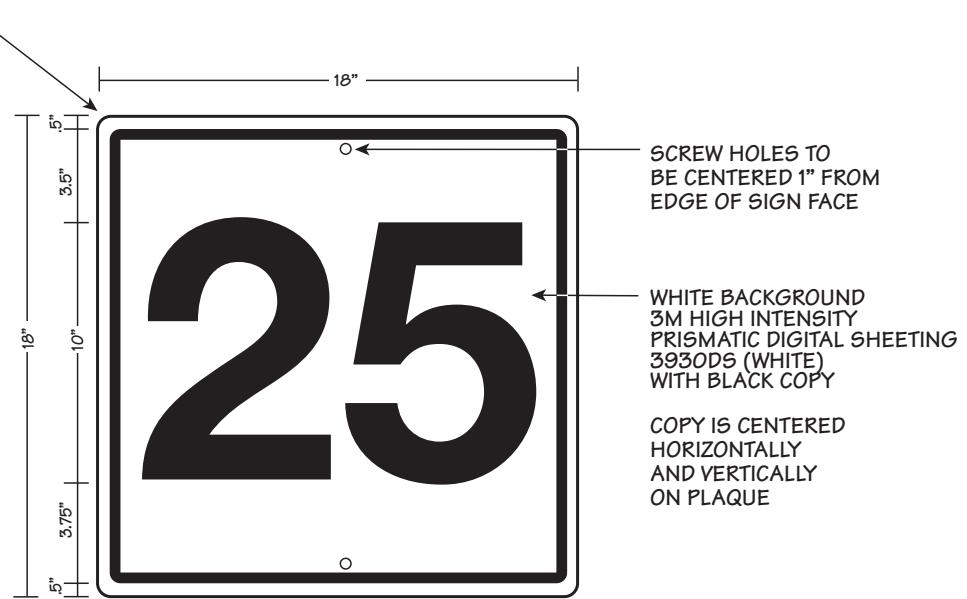
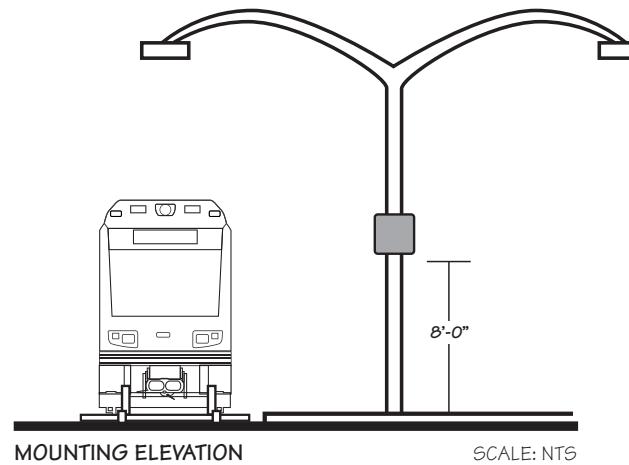
Notes:

.25" thick border located .25" from sign edge

Copy is centered horizontally and vertically on plaque.

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects



Sheet Number

D-40



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 41 Right of Way APPROACH INTL

Revision
MARCH 2020

SAP Sign Inventory
Object Type:
SG-RIGH-OI

Specifications

Sign Panel: 16" x 12"
Sign Height: 8'-0" to bottom of sign
Corner Radius: Outer radius .75"
Mounting: Use tamper proof fasteners and straps as required to attached panel to catenary poles
Material: .08" Aluminum Panel; White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White)

Copy: Black

Colors: White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White); Text is black

Single-Sided

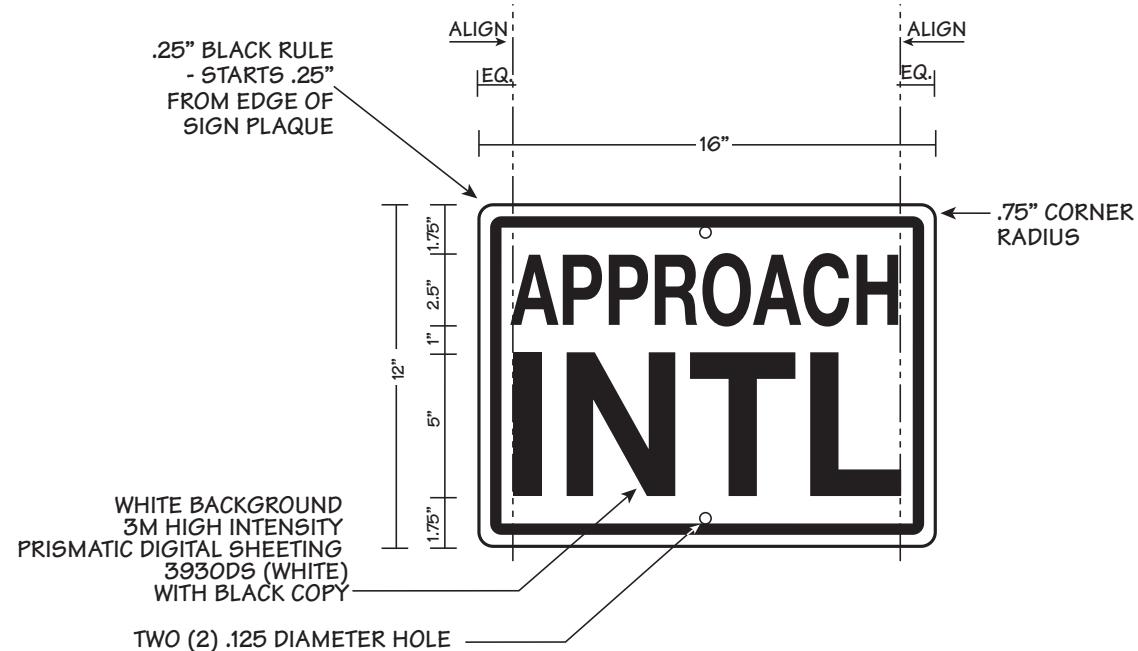
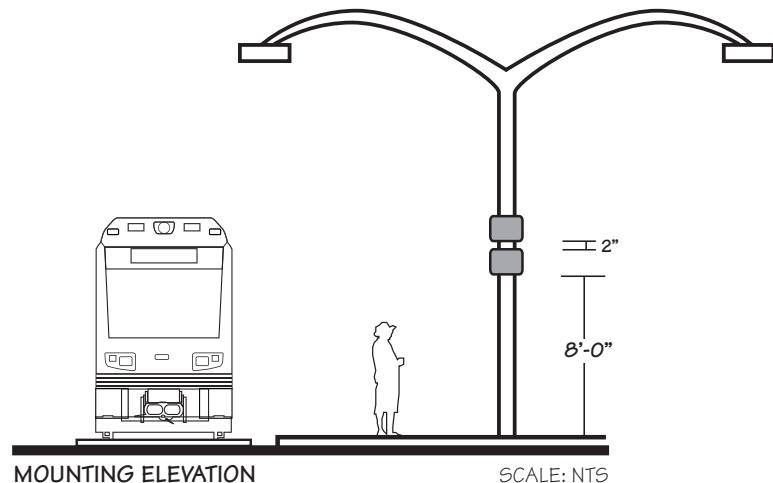
Notes:

.25" thick border located .25" from sign edge

Copy is centered horizontally and vertically on plaque.

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects



FRONT ELEVATION

SCALE: NTS

Sheet Number

D-41



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 42 Right of Way Station Identification

Revision
MARCH 2020

SAP Sign Inventory
Object Type:
SG-RIGH-ID

Sheet Number

D-42

Specifications

Sign Panel: 18" x 18"

Sign Height: 8'-0" to bottom of sign

Corner Radius:
Outer radius .75"

Mounting: Use tamper proof fasteners and straps as required to attached panel to catenary poles

Material: .08" Aluminum Panel; White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White)

Copy: Black

Colors: White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White); Text is black

Single-Sided

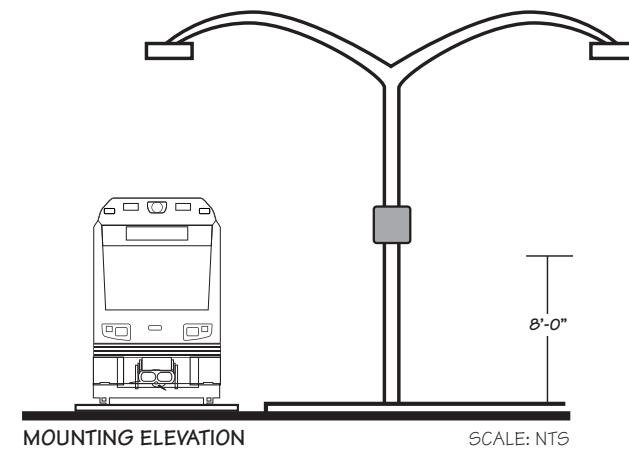
Notes:

.25" thick border located
.25" from sign edge

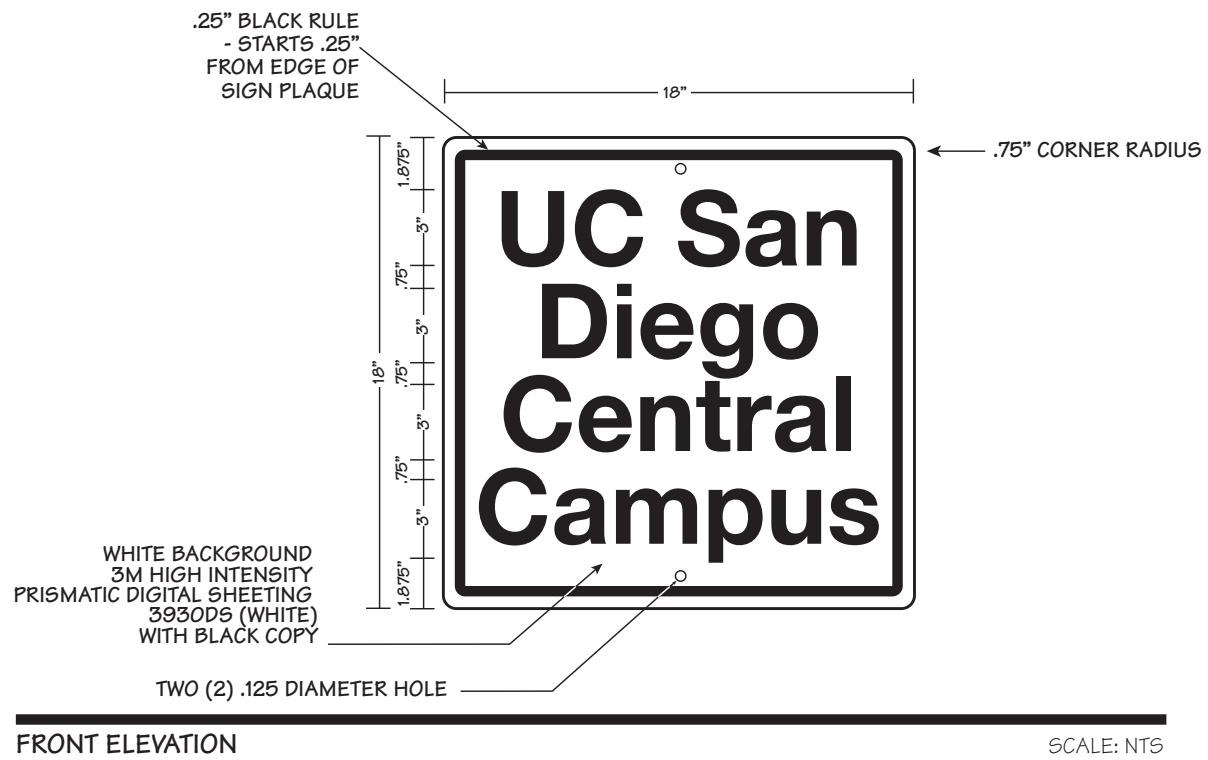
Copy is centered horizontally and vertically on plaque.

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects



COPY LAYOUTS SCALE: NTS



FRONT ELEVATION

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 42 Right of Way Air Gap

Revision
MARCH 2020

SAP Sign Inventory
Object Type:
SG-RIGH-OI

Specifications

Sign Panel: 15"x 12"

Sign Height: 8'-0" to bottom of sign

Corner Radius:
Outer radius 1.25"

Mounting: Use tamper proof fasteners and straps as required to attached panel to catenary poles

Material: .08" Aluminum Panel; White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White)

Copy: Black

Colors: White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White); Text is black

Single-Sided

Notes:

.25" thick border located .25" from sign edge

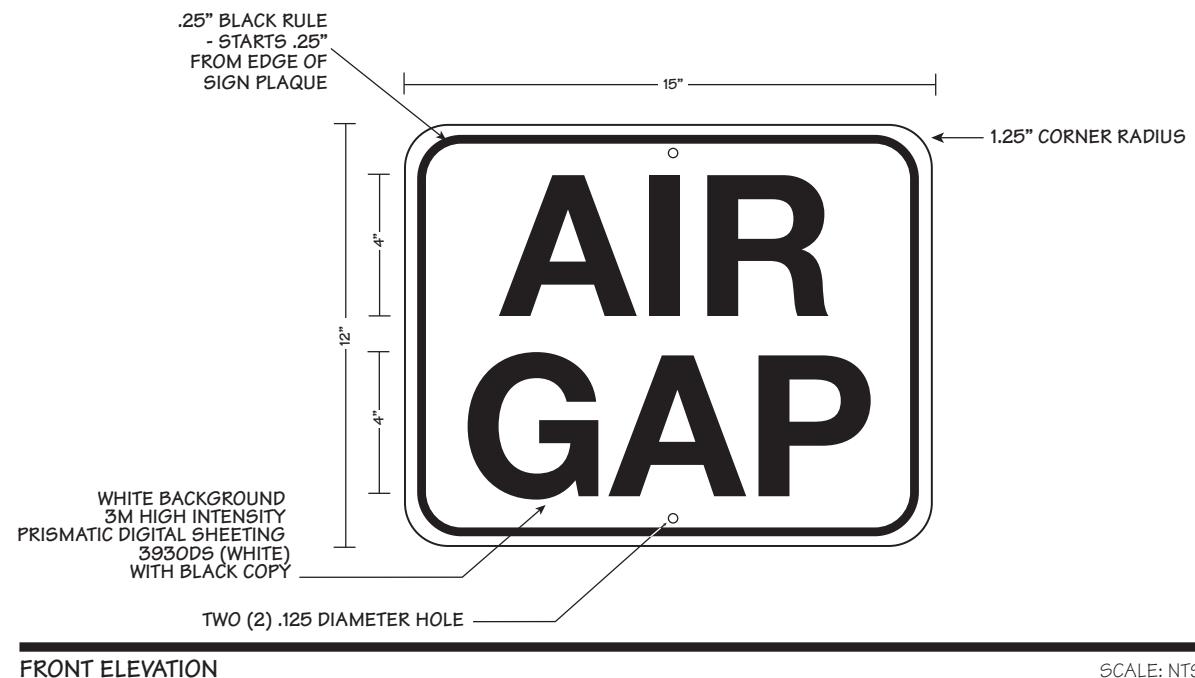
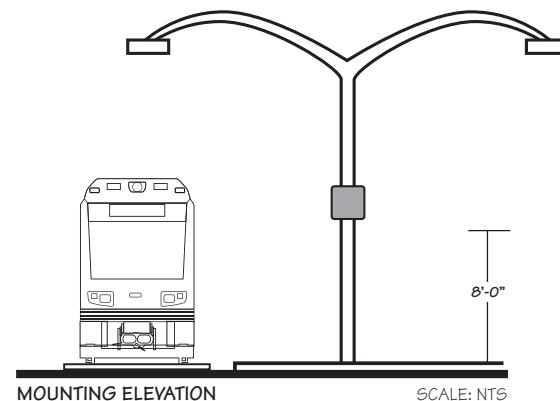
Copy is centered horizontally and vertically on plaque.

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects

Sheet Number

D-42.1





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 42 Right of Way "R" Resume

Revision
MARCH 2020

SAP Sign Inventory
Object Type:
SG-RIGH-OI

Sheet Number

D-42.2

Specifications

- Sign Panel:** 18"x 18"
- Sign Height:** 8'-0" to bottom of sign
- Corner Radius:** Outer radius 1"
- Mounting:** Use tamper proof fasteners and straps as required to attached panel to catenary poles
- Material:** .08" Aluminum Panel; White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White)
- Copy:** Black

- Colors:** White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White); Text is black

Single-Sided

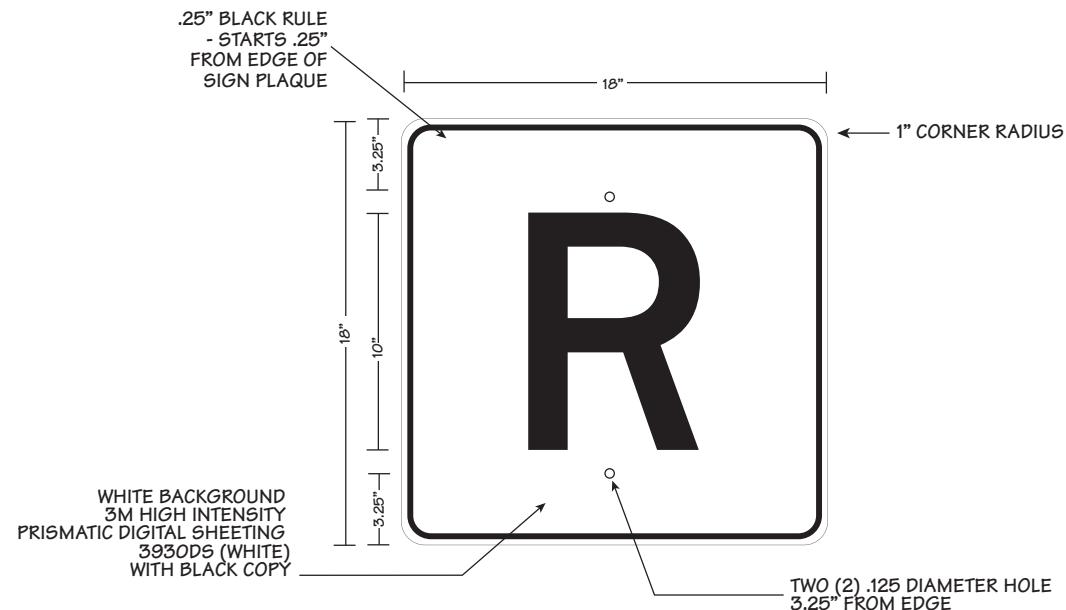
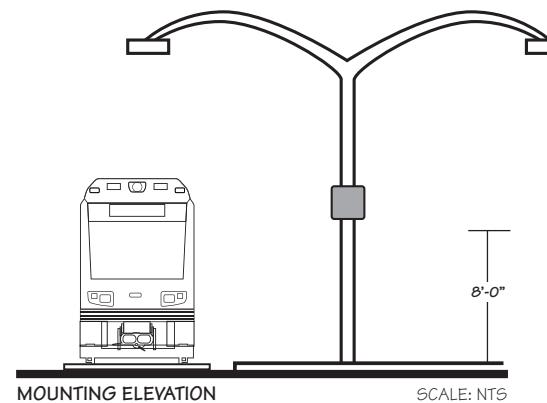
Notes:

.25" thick border located
.25" from sign edge

Copy is centered horizontally and vertically on plaque.

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 42 Right of Way Mile Post Marker

Revision
MARCH 2020

SAP Sign Inventory
Object Type:
SG-RIGH-OI

Sheet Number

D-42.3

Specifications

- Sign Panel:** 20"x 10"
- Sign Height:** 8'-0" to bottom of sign
- Corner Radius:** Outer radius 0.75"
- Mounting:** Use tamper proof fasteners and straps as required to attached panel to catenary poles
- Material:** .08" Aluminum Panel; White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White)
- Copy:** Black

Colors: White background is 3M High Intensity Prismatic Digital sheeting 3930DS (White); Text is black

Single-Sided

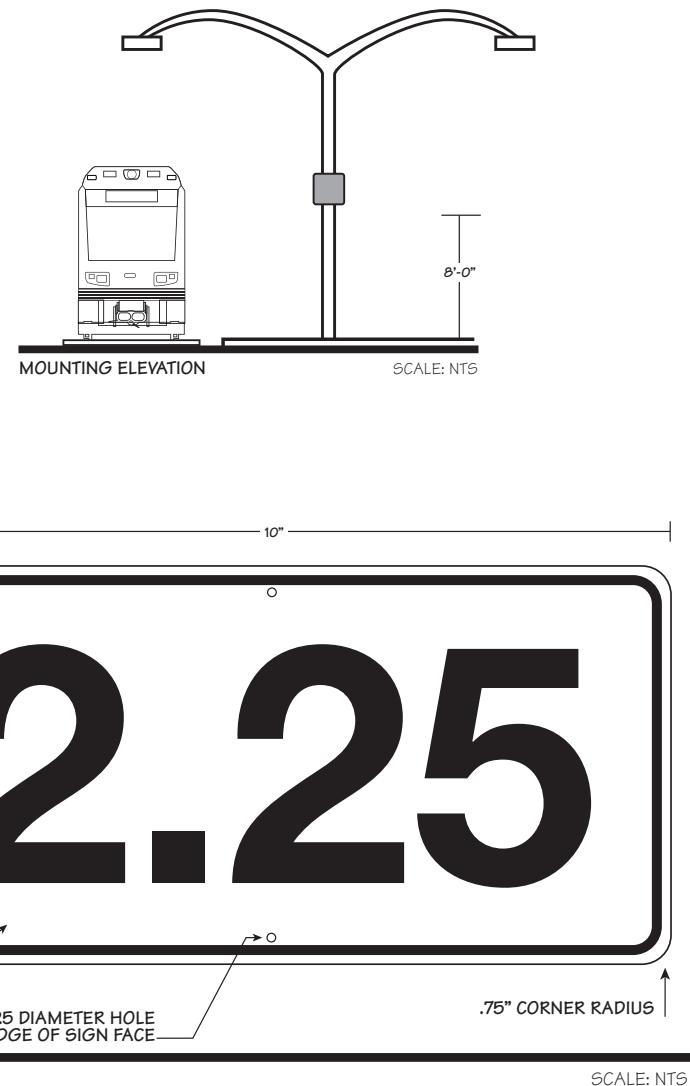
Notes:

.25" thick border located .25" from sign edge

Copy is centered horizontally and vertically on plaque.

Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 42 Right of Way AG Round

Revision
MARCH 2020

SAP Sign Inventory
Object Type:
SG-RIGH-OI

Specifications

Sign Panel: 14" diameter

Sign Height: 8'-0" to bottom of sign

Corner Radius:
N/A

Mounting: Use tamper proof fasteners and straps as required to attached panel to catenary poles

Material: .08" Aluminum Panel; Yellow high intensity reflective background

Copy: Black

Colors: Yellow high intensity reflective background; Text is black

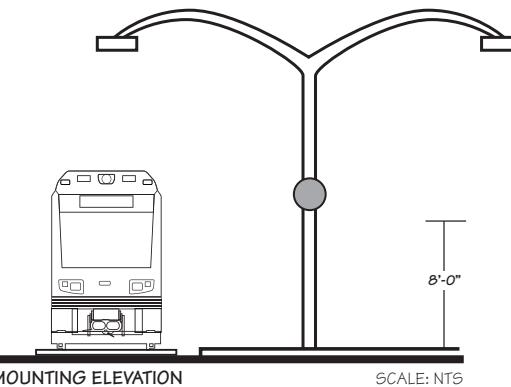
Single-Sided

Notes:

Copy is centered horizontally and vertically on plaque.

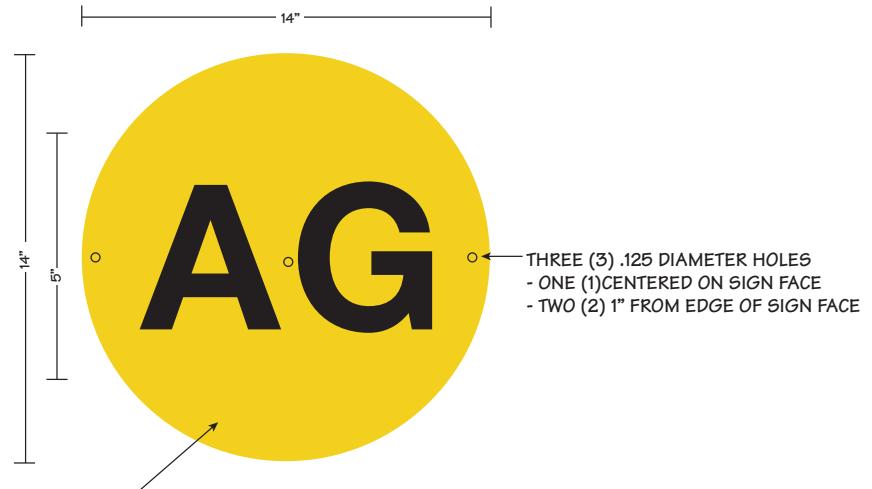
Field verify to determine mounting conditions.

All signs must have a 10 year warrenty against defects



MOUNTING ELEVATION

SCALE: NTS



SCALE: NTS

Sheet Number

D-42.4



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 45 Information Kiosk (4-Panel)

Revision
November 2018

SAP Sign Inventory
Object Type:
SK-KIOS-BU

Sheet Number

D-45

Specifications

Kiosk Size (4-Panel): 102-103" x 84"

Individual Panel Insert: 23.5" x 35.5"

Frame Color: Black powder coated steel or aluminum

Standard Inserts provided by MTS are two sided. Front and back of each insert is protected by .125" clear plexiglass (see detail)

Illumination: none

Notes:

Kiosk is two-sided unless specified otherwise.

Kiosk to be mounted in concrete footings as needed, see detail in specifications. Sign contractor to field verify mounting conditions

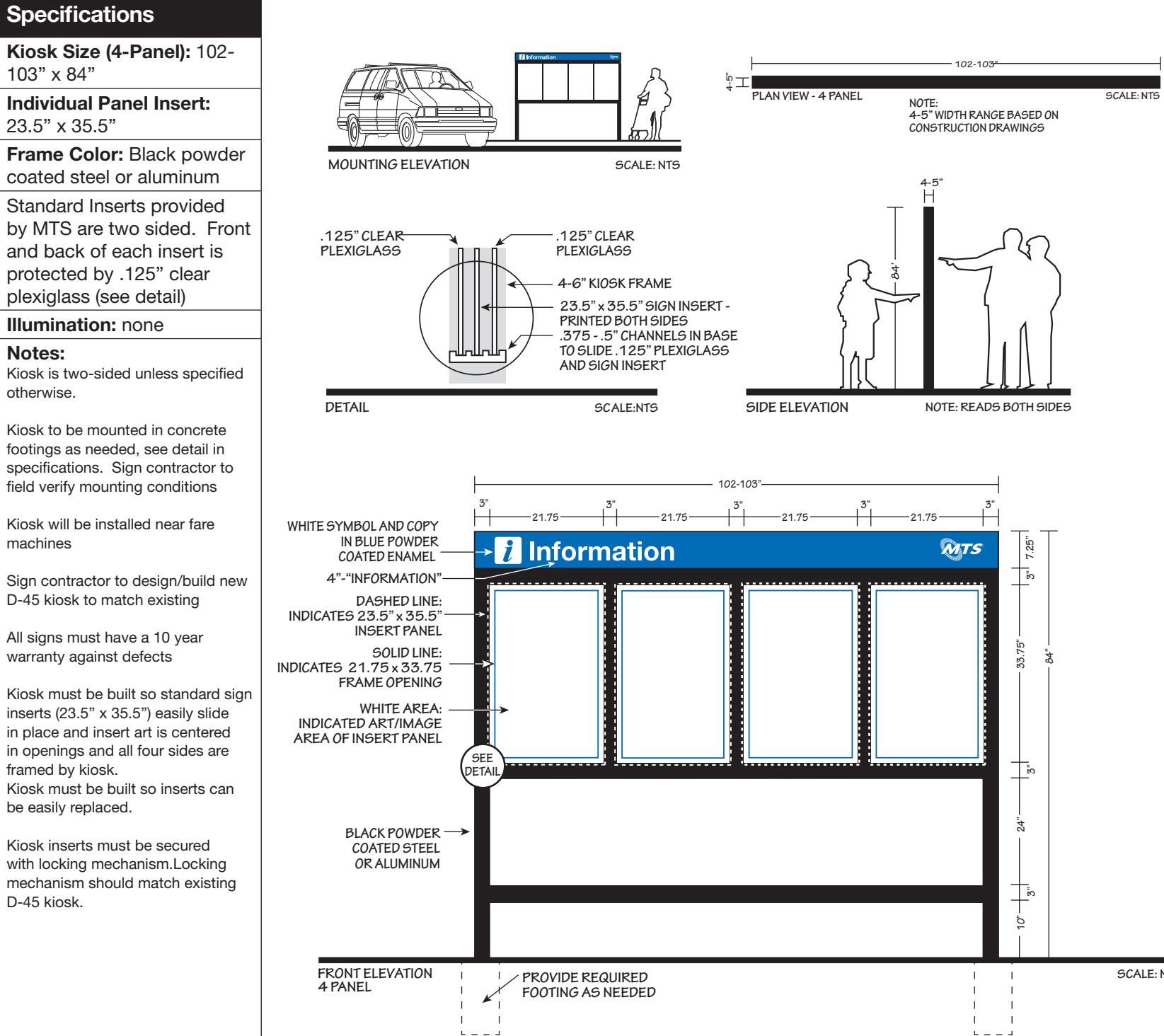
Kiosk will be installed near fare machines

Sign contractor to design/build new D-45 kiosk to match existing

All signs must have a 10 year warranty against defects

Kiosk must be built so standard sign inserts (23.5" x 35.5") easily slide in place and insert art is centered in openings and all four sides are framed by kiosk. Kiosk must be built so inserts can be easily replaced.

Kiosk inserts must be secured with locking mechanism. Locking mechanism should match existing D-45 kiosk.





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 45 Information Kiosk (3-Panel)

Revision
November 2018

SAP Sign Inventory Object Type:
SK-KIOS-BU

Sheet Number

D-45.1

Specifications

Kiosk Size

3-Panel: 77.25" X 84"

Individual Panel Insert:

23.5" x 35.5"

Frame Color: Black powder coated steel or aluminum

Standard Inserts provided by MTS are two sided. Front and back of each insert is protected by .125" clear plexiglass (see detail)

Illumination:

Notes:
Kiosk is two-sided unless specified otherwise.

Kiosk to be mounted in concrete footings as needed, see detail in specifications. Sign contractor to field verify mounting conditions

Kiosk will be installed near fare machines

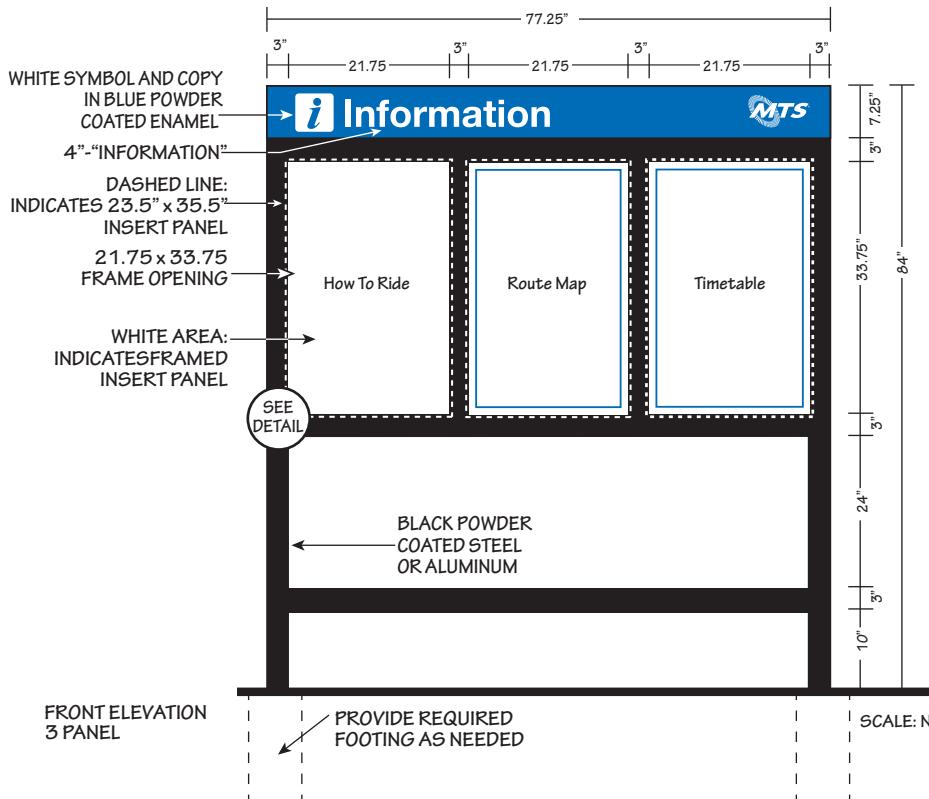
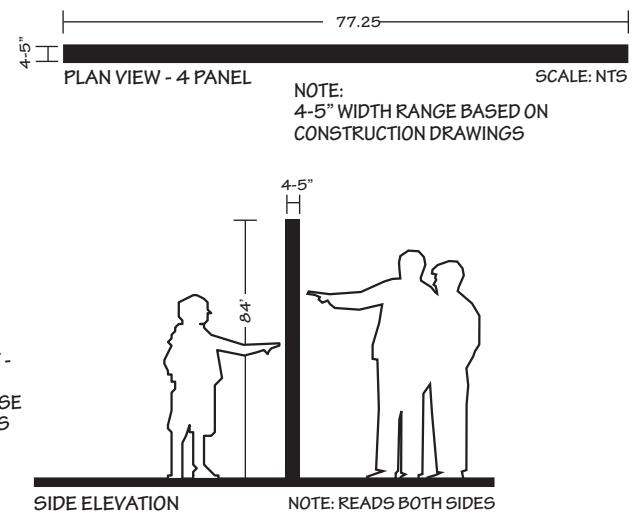
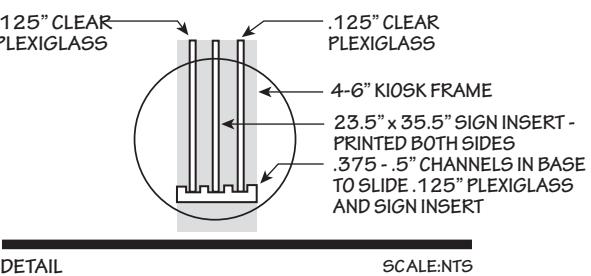
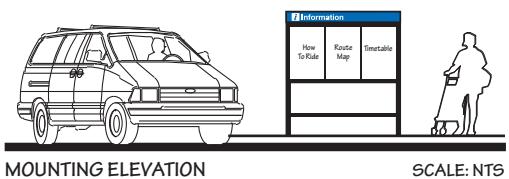
Sign contractor to design/build new D-45 kiosk to match existing

All signs must have a 10 year warranty against defects

Kiosk must be built so standard sign inserts (23.5" x 35.5") easily slide in place and insert art is centered in 21.75 x 33.75 openings and all four sides are framed by kiosk.

Kiosk must be built so inserts can be easily replaced.

Kiosk inserts must be secured with locking mechanism. Locking mechanism should match existing D-45 kiosk.





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 45 Information Kiosk (2-Panel)

Revision
April 2023

SAP Sign Inventory
Object Type:
SK-KIOS-BU

Sheet Number

D-45.2

Specifications

Kiosk Size

2-Panel: 52.5" x 84"

Individual Panel Insert:

23.5" x 35.5"

Frame Color: Black powder coated steel or aluminum

Standard Inserts provided by MTS are two sided. Front and back of each insert is protected by .125" clear plexiglass (see detail)

Illumination: none

Notes:

Kiosk is two-sided unless specified otherwise.

Kiosk to be mounted in concrete footings as needed, see detail in specifications. Sign contractor to field verify mounting conditions

Kiosk will be installed near fare machines

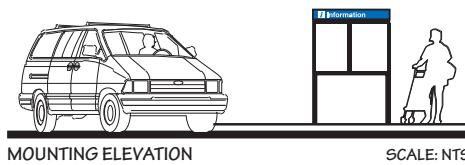
Sign contractor to design/build new D-45 kiosk to match existing

All signs must have a 10 year warranty against defects

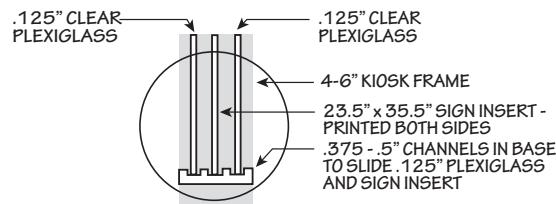
Kiosk must be built so standard sign inserts (23.5" x 35.5") easily slide in place and insert art is centered in 21.75 x 33.75 openings and all four sides are framed by kiosk.

Kiosk must be built so inserts can be easily replaced.

Kiosk inserts must be secured with locking mechanism. Locking mechanism should match existing D-45 kiosk.

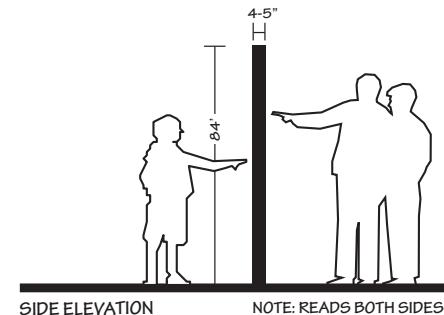


NOTE:
4-5" WIDTH RANGE BASED ON CONSTRUCTION DRAWINGS



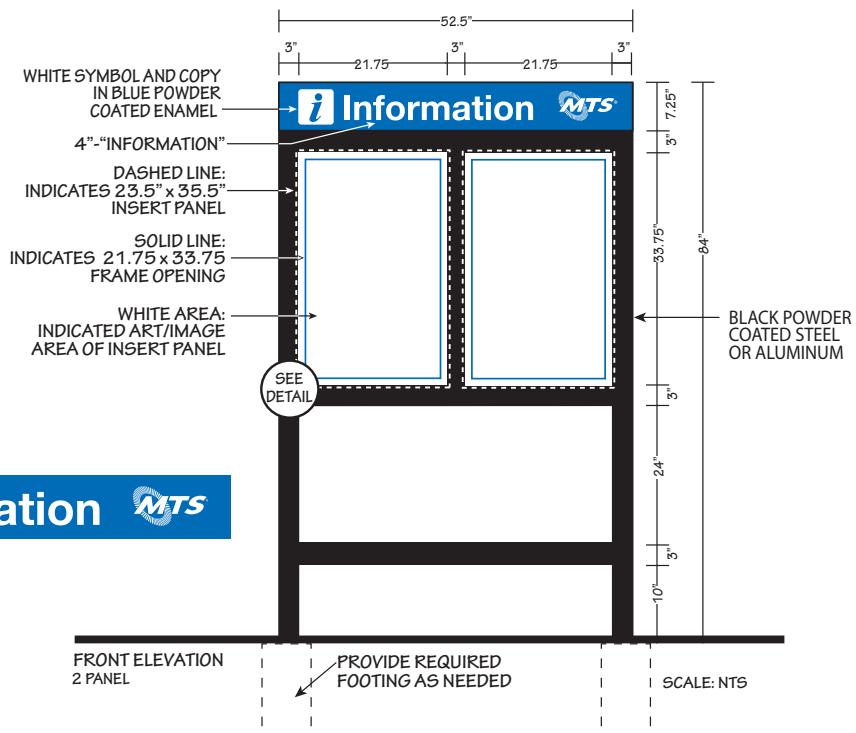
DETAIL

SCALE: NTS



SIDE ELEVATION

NOTE: READS BOTH SIDES





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 50 Restrictive No Trespassing

Revision
April 2016

SAP Sign Inventory
Object Type:
SG-REST-VO

Sheet Number

D-50

Specifications

Sign Panel: 16" x 36"
Sign Height: 60" to center of sign
Corner Radius: Outer radius .75"
Mounting: use tamper proof fasteners to attached panel to post or light standard

Material: .08" Aluminum Panel

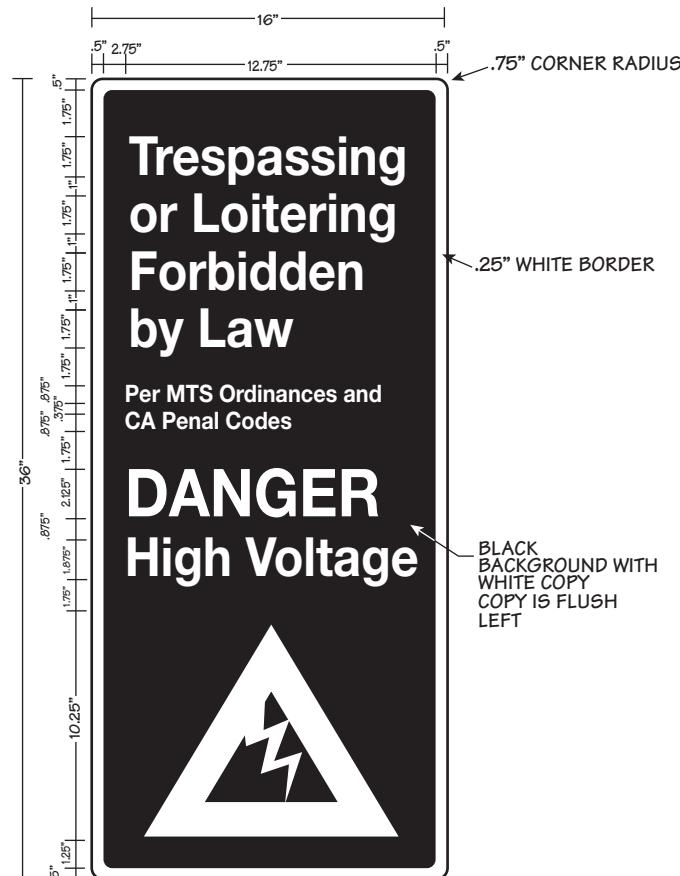
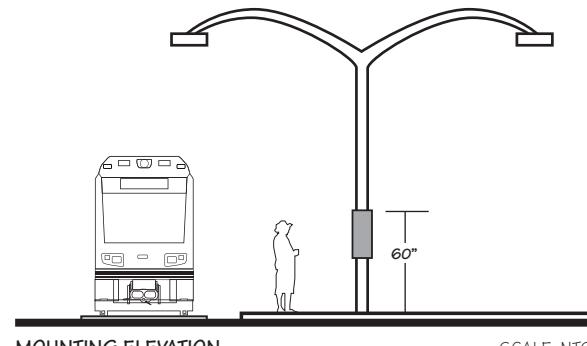
Copy: Reflective

Colors: Rich black background with bright white copy

Single-Sided

Notes:
Field verify to determine mounting conditions.

All signs must have a 10 year warranty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 51 Restrictive Smoke/Vape

Revision
DEC 2019

SAP Sign Inventory
Object Type:
SG-REST-SV

Sheet Number

D-51

Specifications

- Sign Panel:** 12" x 18"
- Sign Height:** 84" to bottom of sign
- Corner Radius:** Outer radius .75"
- Mounting:** Use tamper proof fasteners to attach panel to post; FLUSH MOUNT

Material: .125" Aluminum Panel

Copy: Reflective

Colors: Rich Black, Bright White copy and "P" in black, slash and circle in red PMS 485C

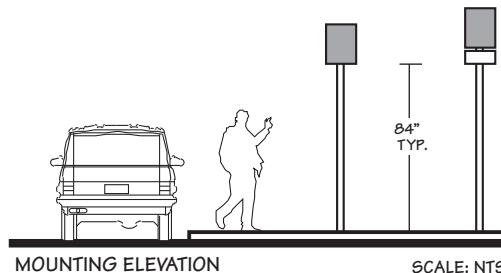
Sign to be **Single-Sided**

Notes:

Isolate panel from post to prevent electrolysis/corrosion

Mount post in concrete footing as required

All signs must have a 10 year warranty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 51 Restrictive

Revision
December 2016

SAP Sign Inventory
Object Type:
SG-REST-NP

Sheet Number

D-51.1

Specifications

Sign Panel: 20" x 30"
Sign Height: 80" to bottom of sign
Corner Radius: Outer radius .75"
Mounting: Use tamper proof fasteners to attach panel to post or light standard

Material: .08" Aluminum Panel

Copy: Reflective

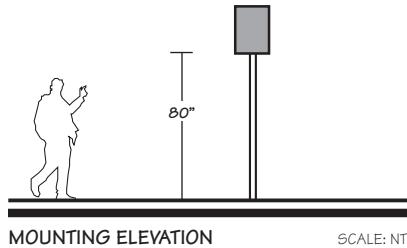
Colors: Rich Black, Bright White and, slash and circle in red PMS 485C

Sign to be **Single-Sided**

Notes:
Isolate panel from post to prevent electrolysis/corrosion

Mount post in concrete footing as required

All signs must have a 10 year warrenty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 51 Restrictive

Revision
Dec2019

SAP Sign Inventory

Object Type:

SG-REST-LI
SG-REST-PE
SG-REST-EX
SG-REST-VE

Sheet Number

D-51.2

Specifications

Sign Panel: 16" x 24" and 16" x 27"

Sign Height: 84" to bottom of sign

Corner Radius: Outer radius .75"

Mounting: Use tamper proof fasteners to attach panel to post or light standard

Material: .08" Aluminum Panel

Copy: Reflective

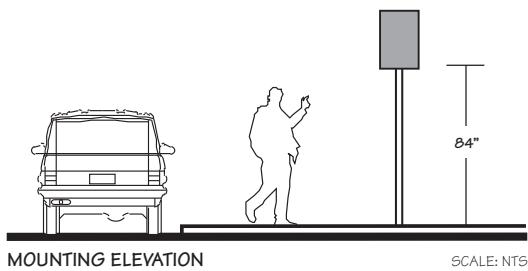
Colors: As indicated, Rich Black, Bright White and red PMS 485C

Sign to be **Single-Sided**

Notes:

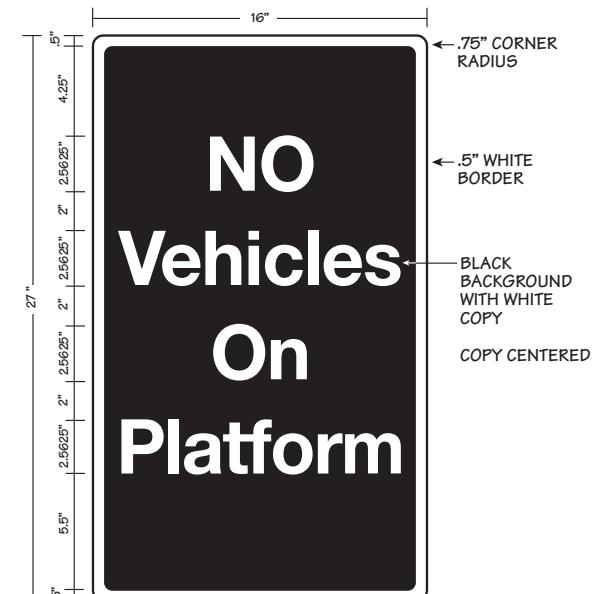
Isolate panel from post to prevent electrolysis/corrosion

All signs must have a 10 year warrenty against defects



**Emergency
Exit Only**

**Authorized
Personnel
Only**





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 51 Restrictive

Revision
October 2018

SAP Sign Inventory
Object Type:
SG-REST-BI

Sheet Number

D-51.3

Specifications

Sign Panel: 20" X 20"

Sign Height: As needed; on station rails approx. 1" below top rail - see mounting elevation

Corner Radius:
Outer radius .75"

Mounting: Use tamper proof fasteners to attach panel to post or light standard

Material: .08" Aluminum Panel

Copy: Reflective

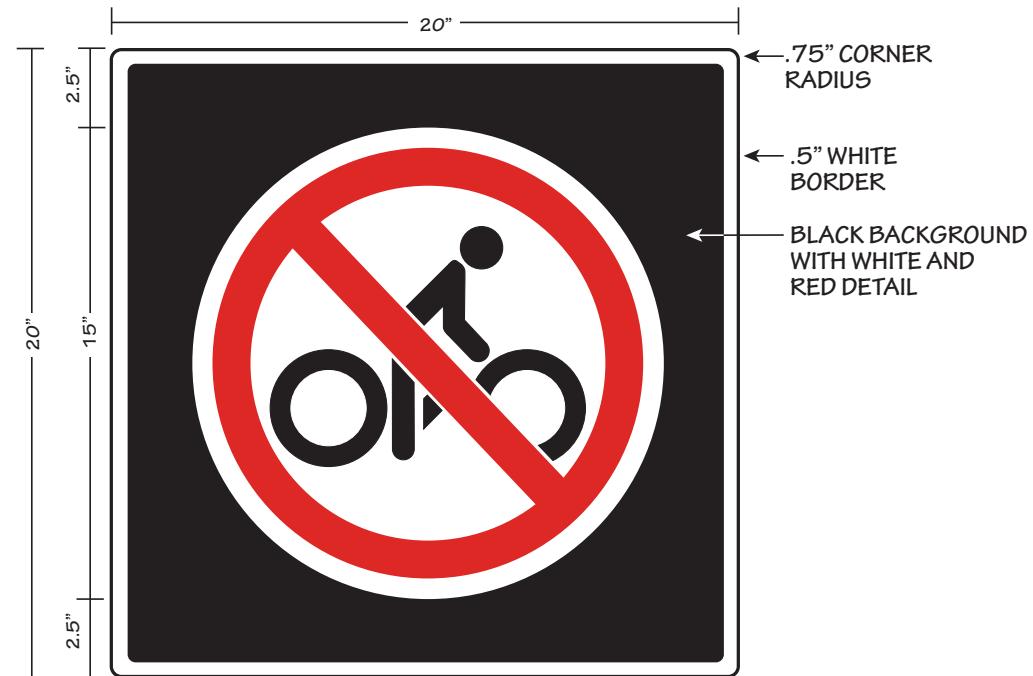
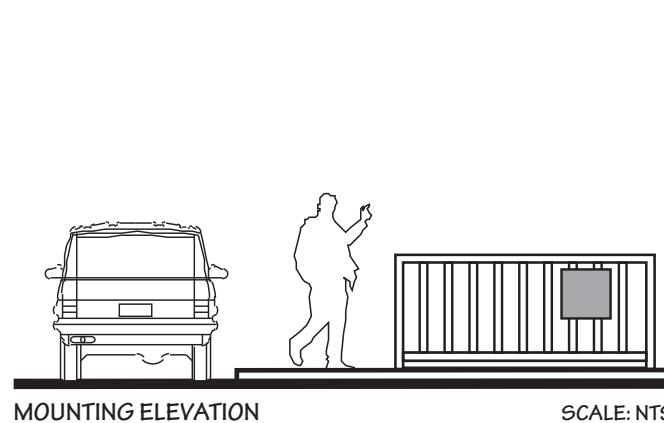
Colors: As indicated, Rich Black, Bright White and red PMS 485C

Sign to be **Single-Sided**

Notes:

Isolate panel from post to prevent electrolysis/corrosion

All signs must have a 10 year warrenty against defects



FRONT ELEVATION

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 51 Restrictive

Revision
April 2016

SAP Sign Inventory
Object Type:
SG-REST-VE

Sheet Number

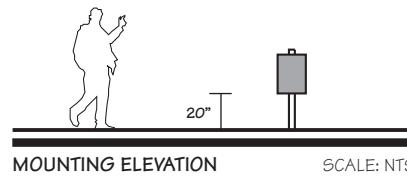
D-51.4

Specifications

Sign Panel: 16" x 24"
Sign Height: 20" to bottom of sign
Corner Radius: Outer radius .75"
Mounting: Use tamper proof fasteners to attach panel to post or light standard
Material: .08" Aluminum Panel
Copy: Reflective
Colors: As indicated, Rich Black, Bright White and red PMS 485C
Single-Sided

Notes:
Isolate panel from post to prevent electrolysis/corrosion

All signs must have a 10 year warranty against defects



MOUNTING ELEVATION

SCALE: NTS



FRONT ELEVATION

SCALE: NTS



TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 51 Restrictive

Revision
April 2016

SAP Sign Inventory
Object Type:
SG-REST-LI

Sheet Number

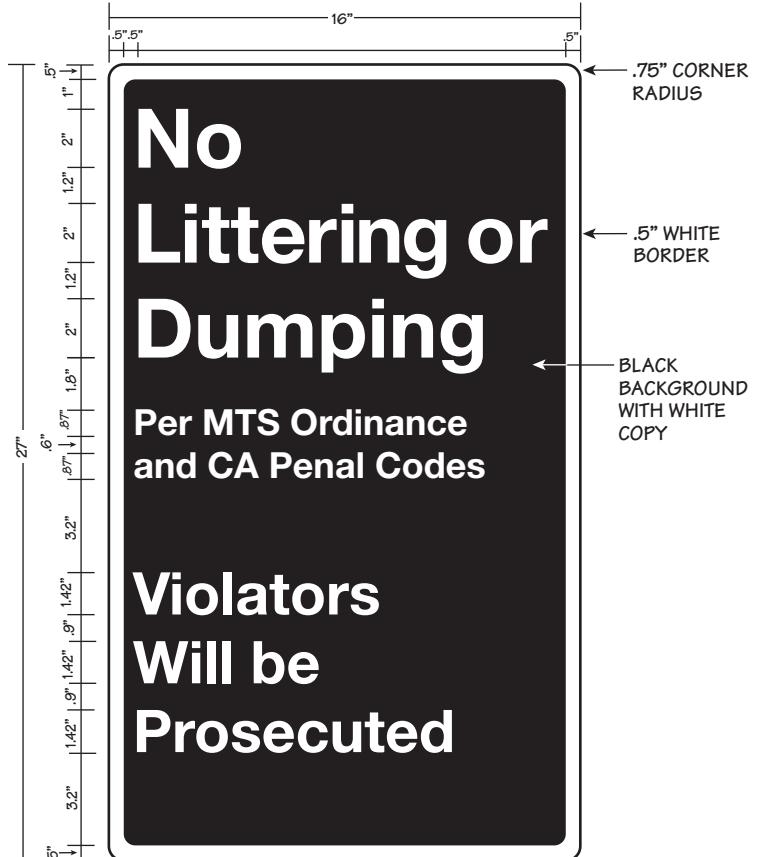
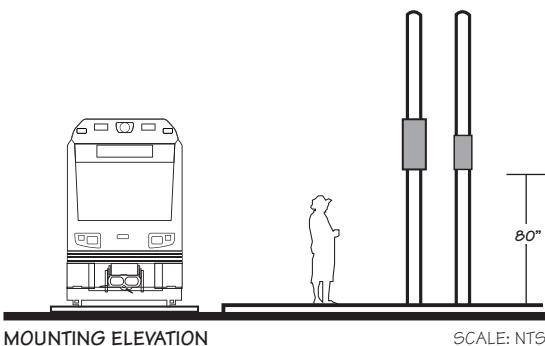
D-51.5

Specifications

Sign Panel: 16" x 27"
Sign Height: 80" from bottom of sign
Corner Radius: Outer radius .75"
Mounting: Use tamper proof fasteners to attach panel to post or light standard
Material: .08" Aluminum Panel
Copy: Reflective

Colors: Rich Black, Bright White
Sign to be **Single-Sided**

Notes:
Isolate panel from post to prevent electrolysis/corrosion
All signs must have a 10 year warranty against defects





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 51 Restrictive

Revision
October 2018

SAP Sign Inventory
Object Type:
SG-REST-UR

Sheet Number

D-51.6

Specifications

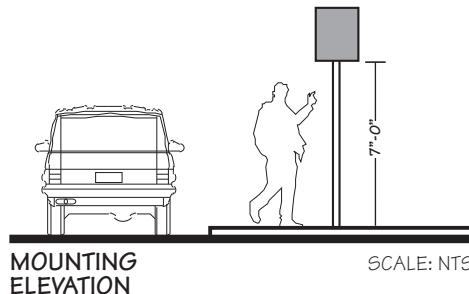
Sign Panel: 20" x 24"
Sign Height: 7'-0" from bottom of sign
Corner Radius: Outer radius .75"
Mounting: Use tamper proof fasteners to attach panel to post or light standard
Material: .125" Aluminum Panel
Copy: Reflective
Colors: Rich Black, Bright White

Sign to be **Single-Sided**

Notes:

Isolate panel from post to prevent electrolysis/corrosion

All signs must have a 10 year warranty against defects



NOTICE

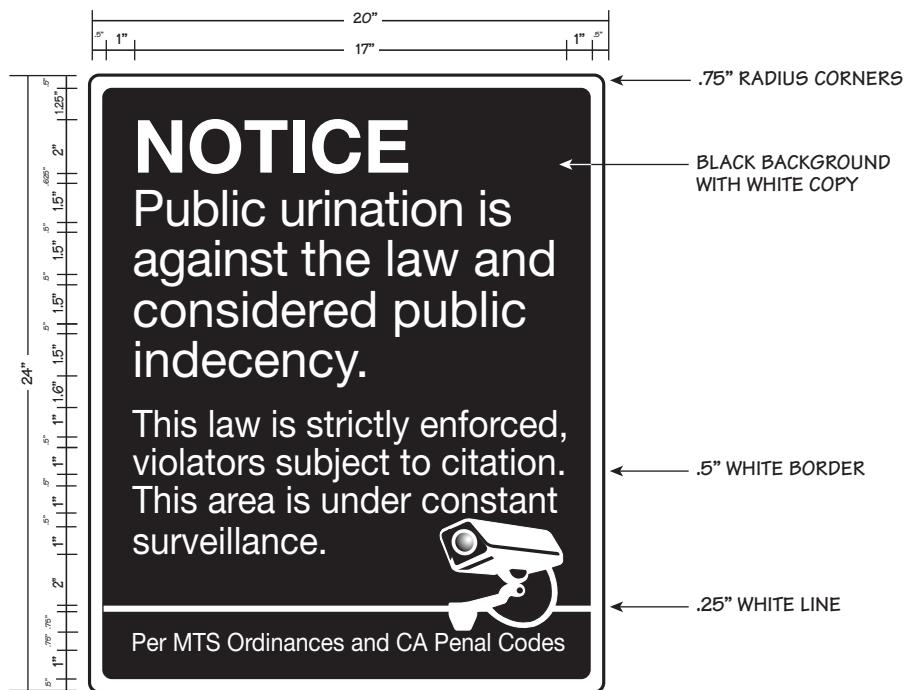
Public urination is against the law and considered public indecency.

This law is strictly enforced, violators subject to citation.

Per MTS Ordinances and CA Penal Codes

COPY LAYOUTS

SCALE: NTS





TROLLEY Station Sign Design Guidelines



Design Drawing

Sign Type 54 Accessible Directional Large

Revision
October 2018

SAP Sign Inventory
Object Type:
SG-DIRE-DI

Sheet Number

D-54

Specifications

Sign Panel: 12" x 20"
Sign Height: Varies with usage
Corner Radius: Outer radius .75"
Mounting: Use tamper proof fasteners to attach panel to post or light standard
Material: .08" Aluminum Panel

Copy: Reflective; centered vertically and horizontally within plaque

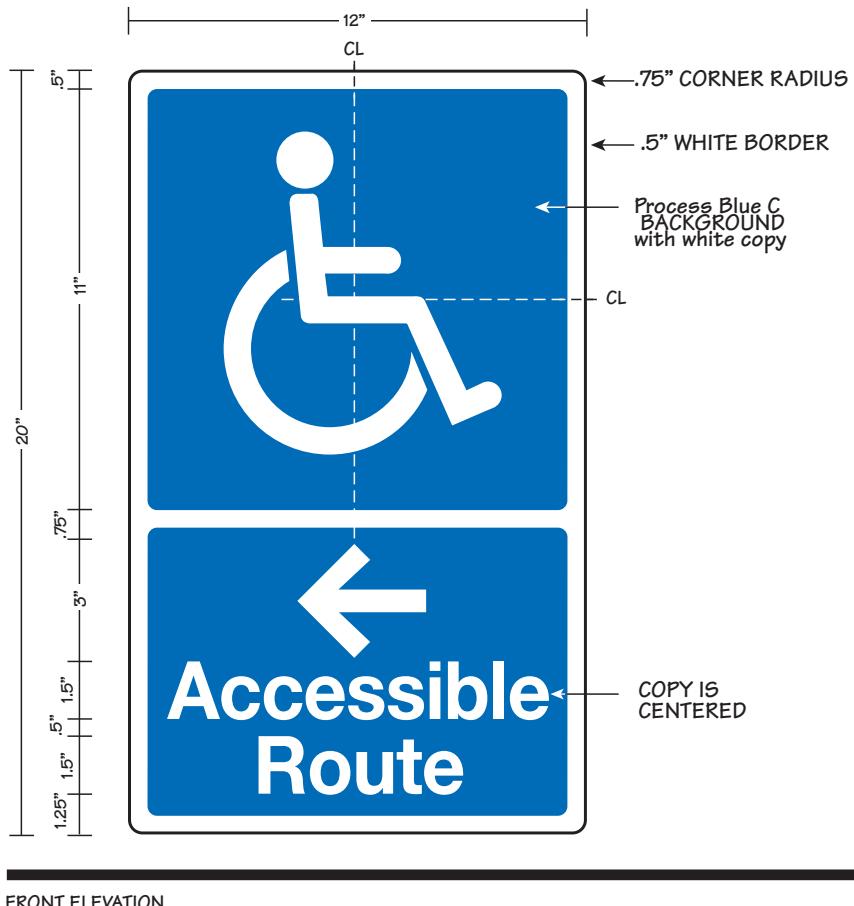
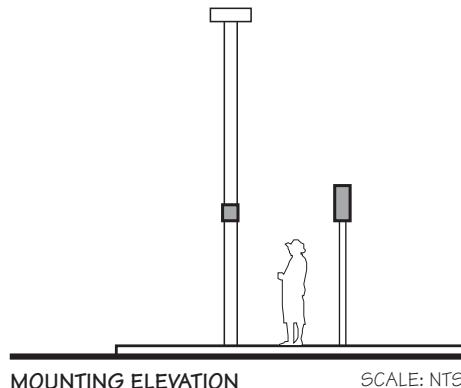
Colors: Process Blue C, Bright White,

Sign to be **Single-Sided**

Notes:

Isolate panel from post to prevent electrolysis/corrosion

All signs must have a 10 year warranty against defects





**Metropolitan
Transit
System**

Sign Descriptions





TROLLEY Station Sign Design Guidelines



Sign Description and Usage Chart

Revision
May 2019

Sheet Number

SD-1

Sign Type Number	Description	Purpose	Location	Typical Quantity Per Station
D-1	Identification Primary Site Free Standing Pylon	Identify Station location and indicate basic station services	At primary station vehicular entrance or central visible location in pedestrian oriented sites	1
D-2	Identification Secondary Site Free Standing Pylon	Identify Station location and indicate basic station services	At pedestrian-oriented stations or limited-space areas	2
D-3	Vehicular Restrictive Large Post & Panel	To provide restrictive information and access identification information for vehicular traffic	To be located at vehicular entrances to site or at pedestrian exits	Site specific
D-4	Vehicular Restrictive Small Post & Panel	To identify specific parking areas	One sign located at each appropriate parking space	Site specific
D-5	Vehicular Directional Trailblazer Sign panel mounted to poles	To direct vehicular traffic from the freeway to the station site	At each major decision point/intersection adjacent to the station and along major arteries in the immediate vicinity of the station	Site specific
D-7	Clearance Bar Panel suspended from concrete structure	To provide vehicle-height warning/restrictive information	At restrictive clearance parking areas	Site specific
D-8	Identification Kiosk Free Standing Pylon	To identify station specific directional information	At pedestrian-oriented areas on or near platform areas	Site specific
D-10	Station Identification Canopy Mounted	To provide station identification for both pedestrians and passengers	At each side of canopy structure	Site specific
D-12	Station Identification 1-Line & 2-Line Name	To provide station identification at platforms	On each platform pole/light standard along both sides of platform, mounted parallel to track	16



TROLLEY Station Sign Design Guidelines



Sign Description and Usage Chart

Revision
May 2019

Sheet Number

SD-2

Sign Type Number	Description	Purpose	Location	Typical Quantity Per Station
D-15	Destination Sign panel mounted to existing platform poles/light standards	To provide destination information and Line-color identification for Trolley passengers on platform	On existing platform poles/light standards below identification sign; mounted perpendicular to track on both sides of platform	8/16 depending on number of lines
D-16	Information Large Sign Panel mounted to existing platform poles/light standards	To delineate free zone from fare-paid zone	On platform poles at every pedestrian access/entrance to platform	8 total: 2 signs on each side of platform in English & Spanish
D-17	Information Small Sign Panel mounted to existing platform poles/light standards	To provide station/track number and line identification to Trolley passengers and to provide disabled access directions where required	On sign above each station identification sign on both sides of platform, parallel to track	22
R-30	Acid-Etched zinc plate with tactile and braille copy mounted to post	To provide station identification and directional information to vision-impaired passengers	At primary pedestrian platform access point.ounted to light standard or post, parallel to track	2
R-40	Right of Way Speed Limit	To indicate speed limits to Trolley operators	On catenary poles between tracks. Quantity and location as required by transit personnel	Site Specific
R-41	Right of Way Operator Information Sign Panel mounted to existing catenary poles	To provide restrictive information to Trolley Operators	On catenary poles between tracks. Quantity and location as required by transit personnel	Site Specific
R-42	Right of Way Identification	To provide advanced station identification to Trolley operators	On catenary poles between tracks. Quantity and location as required by transit personnel	Site Specific



TROLLEY Station Sign Design Guidelines



Sign Description and Usage Chart

Revision
May 2019

Sheet Number

SD-3

Sign Type Number	Description	Purpose	Location	Typical Quantity Per Station
R-45	Information Kiosk	To provide customer information	On each side of track in station area when possible for foot traffic maximum exposure	2 or more if need determined
R-50	No Trespassing	To prevent pedestrians/ passengers from entering unauthorized or dangerous areas	At each platform end and as required by transit personnel	Site specific
R-51	Restrictive Post and Panel signs	To provide restrictive information	Where needed	Site specific
R-54	Accessible Directional	To provide restrictive access identification information	Where needed	Site specific