

**San Diego Trolley  
Station Sign Program**



# **Design Guidelines Manual**



Updated December 2011

# General Notes



## FURNISH

1. CONTRACTOR SHALL PROVIDE ENGINEERING OF SIGN & GRAPHIC ITEMS, INCLUDING, BUT NOT LIMITED TO, INTERNAL STRUCTURE, ELECTRICAL AND MECHANICAL PARTS & CONCRETE FOOTINGS AND BASES. SHOP DRAWINGS SHALL CARRY ENGINEER'S STAMP AND BE SIGNED BY A CALIFORNIA REGISTERED CIVIL ENGINEER.
2. 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 & LOWER CASE EXCEPT WHERE INDICATED ON DRAWINGS.
3. PORCELAIN ENAMEL SHALL HAVE A MATTE FINISH.
4. 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 MANUFACTURES INSTRUCTIONS.
5. ALL BASIC SIGN PLAQUES SHALL BE FABRICATED FROM ALUMINUM PANEL, USING 5052-H32 GRADE ALUMINUM, UNLESS OTHERWISE INDICATED ON THE DESIGN DRAWING.
6. ALL BASIC SIGN PLAQUES SHALL HAVE SCOTCHLITE PROTECTIVE OVERLAY FILM 1150 APPLIED TO THEM USING MANUFACTURER'S RECOMMENDED PROCEDURE.
7. SIGN TYPES 3, 4, 5, 13, 16, 17, 18, 40, 41, 42 & 50 SHALL BE .080 INCHES THICK. SIGN TYPES 7, 10, 11, 12, 15 & 30 SHALL BE .125 INCHES THICK.
8. RADIUS CORNERS SHALL BE 3/8 INCHES FOR ALL BASIC SIGN PLAQUES.
9. SIGN TYPES 3, 4, 5, 7, 40, 41, 42 & 50 SHALL BE REFLECTIVE. SIGN TYPES 10, 11, 12, 13, 15, 16, 17 & 18 SHALL BE NON-REFLECTIVE

## INSTALL

1. ALL SIGN LOCATIONS, DIMENSIONS, QUANTITIES AND CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION BY THE SIGN CONTRACTOR.
2. ALL SIGNS SHALL BE INSTALLED ACCORDING TO CURRENT LOCAL CODE REQUIREMENTS. SIGN INSTALLATIONS SHALL BE SAFE AND SECURE AS IS STANDARD FOR THE INDUSTRY.
3. 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.
4. ALL INSTALLATION SHALL BE COORDINATED WITH MTS.
5. BREAKAWAY SIGN POLES SHALL BE USED FOR ALL POLE MOUNTED SIGNS LOCATED IN STREETS AND PARKING LOTS.

## 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).

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.

ADA - EVERY EFFORT HAS BEEN MADE FOR SIGNS TO COMPLY WITH ADA STANDARDS.

## PROJECT TYPESTYLES

**Helvetica Neue 75 Bold**  
**ABCDEFGHIJKLMNOPQRSTUVWXYZ**  
**abcdefghijklmnopqrstuvwxyz**  
**0123456789&\$%,:;"'.**

**Helvetica Neue 55 Roman**  
**ABCDEFGHIJKLMNOPQRSTUVWXYZ**  
**abcdefghijklmnopqrstuvwxyz**  
**0123456789&\$%,:;"'.**

## PROJECT COLORS

BLACK	PANTONE BLACK
GRAY	PANTONE 424
WHITE	BRIGHT WHITE
ORANGE	PANTONE 151
BLUE	PANTONE 293
DISABLED BLUE	PROCESS BLUE (15090M FEDERAL STANDARD 5996)
GREEN	PANTONE 347
YELLOW	PANTONE 123
RED	PANTONE 485

# MTS San Diego Trolley Sign Program



## General Notes

## Project Typestyles, Colors, and General Notes

### Revision

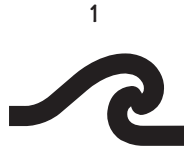
November 2011

### Sheet Number

**G-1**



MTS LOGO



1 WAVE (BLUE)



2 SUN (ORANGE)



3 PALM (GREEN)

NOTE: OBTAIN ARTWORK FOR SYMBOLS FROM MTS.



4 TROLLEY



5 TAXI / BUS



6 BUS



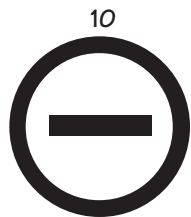
7 TAXI



8 RAIL



9 BRT



10 DO NOT ENTER



11 NO SMOKING



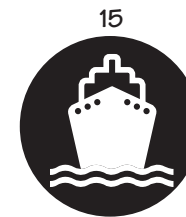
12 TICKET



13 DISABLED



14 TELEPHONE



15 FERRY



16 INFORMATION



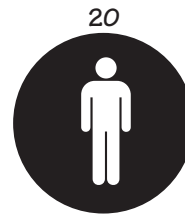
17 NO PARKING



18 PARKING



19 WOMAN



20 MAN



21 BICYCLE



22 ARROW



23 MONEY / ATM



24 ELEVATOR



25 WALKING MAN



26 NO PEDESTRIAN



27 NO BICYCLE

# MTS San Diego Trolley Sign Program



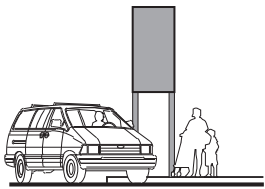
## General Notes

## Project Symbols

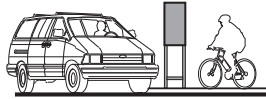
Revision
December 2011

Sheet Number

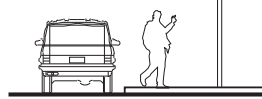
# G-2



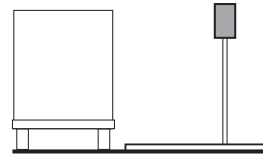
**1** IDENTIFICATION  
PRIMARY SITE



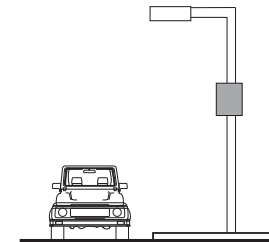
**2** IDENTIFICATION  
SECONDARY SITE



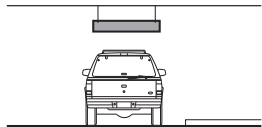
**3** VEHICULAR RESTRICTIVE  
LARGE



**4** VEHICULAR RESTRICTIVE  
SMALL



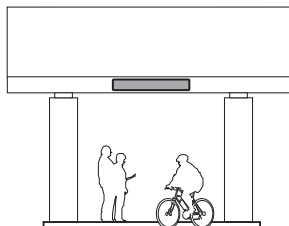
**5** VEHICULAR DIRECTIONAL  
TRAILBLAZER



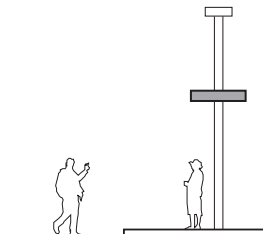
**7** CLEARANCE BAR



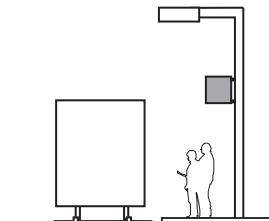
**8** DIRECTIONAL  
KIOSK



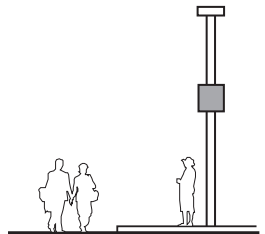
**10** STATION IDENTIFICATION  
CANOPY MOUNTED



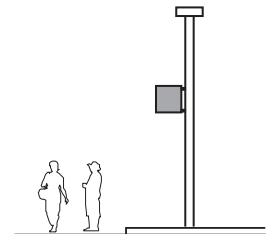
**12** STATION IDENTIFICATION  
1-LINE & 2-LINE NAME



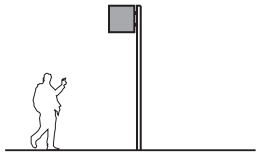
**15** DESTINATION



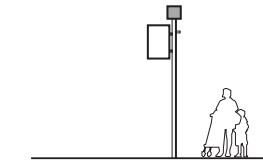
**16** INFORMATION  
LARGE



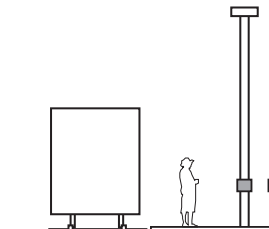
**17** INFORMATION  
SMALL



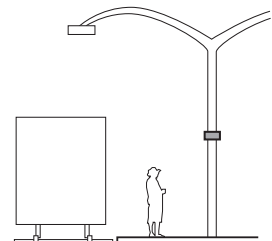
**18** PEDESTRIAN  
TRAILBLAZER



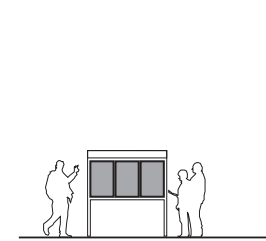
**19** BUS BAY CUBES



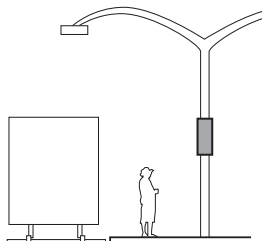
**30** ADA PLATFORM



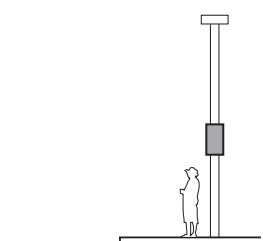
**40-42** RIGHT-OF-WAY  
SPEED LIMIT  
OPERATOR INFO  
IDENTIFICATION



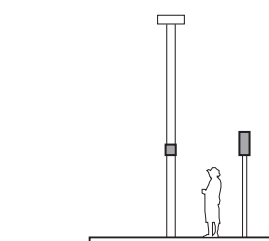
**45** INFORMATION  
KIOSK



**50** NO TRESPASSING



**51** RESTRICTIVE



**54** ACCESSIBLE

# MTS San Diego Trolley Sign Program



## General Notes

## Sign Type Menu

### Revision

November 2011

Sheet Number

# G-3

BLUE LINE  
San Ysidro/Tijuana  
Beyer Boulevard  
Iris Avenue  
Palm Avenue  
Palomar Street  
H Street  
E Street  
24th Street  
8th Street  
Pacific Fleet  
Harborside  
Barrio Logan  
America Plaza

BLUE/ORANGE LINE  
12th & Imperial  
Park & Market  
City College  
Fifth Avenue  
Civic Center

ORANGE LINE  
La Mesa Boulevard  
Spring Street  
Lemon Grove Depot  
Massachusetts Avenue  
Encanto/62nd Street  
Euclid Avenue  
47th Street  
32nd & Commercial  
25th & Commercial  
America Plaza

ORANGE/GREEN LINE  
Arnele Avenue  
El Cajon  
Amaya Drive  
Grossmont  
Santa Fe Depot

GREEN LINE  
12th & Imperial  
Gaslamp Quarter  
Convention Center  
Seaport Village  
County Center/Little Italy  
Middletown  
Washington Street  
Old Town  
Morena/Linda Vista  
Fashion Valley  
Hazard Center  
Mission Valley Center  
Rio Vista  
Fenton Parkway  
Qualcomm Stadium  
Mission San Diego  
Grantville  
SDSU  
Alvarado Medical Center  
70th Street  
Gillespie Field  
Santee Town Center

## MTS San Diego Trolley Sign Program



### General Notes

Station  
Names

Revision  
November 2011

Sheet Number

**G-4**

# MTS San Diego Trolley Sign Program



## General Notes

### Station Names

Application:  
2012

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### Revision

November 2011

Sheet Number

# G-4.1

	Type 1 Primary Site	Type 2 Secondary Site	Type 10 & 12 Station ID	TYPE 15 - Destination						
				Blue		Orange		Green		
				To San Ysidro/ Tijuana	To America Plaza	To Santa Fe Depot	To El Cajon	To 12th & Imperial	To Santee Town Center	
8th Street	B	B	B	X	X					
12th & Imperial <i>(see note)</i>	B O G	B O G	B O G	Underneath Building	Underneath Building	Underneath Building	Underneath Building			Bayside Platform
24th Street	B	B	B	X	X					
25th & Commercial		O	O			X	X			
32nd & Commercial		O	O			X	X			
47th Street		O	O			X	X			
70th Street		G	G					X	X	
Alvarado Medical Center		G	G					X	X	
Amaya Drive		O G	O G			X	X	X	X	
America Plaza <i>(see note)</i>	B O	B O	B O	On western platform		On eastern platform	On eastern platform			
Arnele Avenue		G	G					X	X	
Barrio Logan	B	B	B	X	X					
Beyer Boulevard	B	B	B	X	X					
City College	B O	B O	B O	X	X	X	X			
Civic Center	B O	B O	B O	X	X	X	X			
Convention Center		G	G					X	X	
County Center/Little Italy		G	G					X	X	
E Street	B	B	B	X	X					
El Cajon Transit Center		O G	O G			X	X	X	X	
Encanto/62nd Street		O	O			X	X			
Euclid Avenue		O	O			X	X			
Fashion Valley Transit Center		G	G					X	X	
Fenton Parkway		G	G					X	X	
Fifth Avenue	B O	B O	B O	X	X	X	X			
Gaslamp Quarter		G	G					X	X	
Gillespie Field		G	G					X	X	
Grantville		G	G					X	X	
Grossmont Transit Center		O G	O G			X	X	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 blue & orange lines (no green); the Bayside platform should have just a green line. For Type 15, underneath the building will be signs for both the Orange Line & Blue Line, while the Bayside platform will have signs only for the Green Line.

**America Plaza:** The Type 1 and Type 2 signs should have both blue and orange lines. For Type 10 & 12 signs, the Blue Line signs will be placed along the western platform and the Orange Line signs will be placed along the eastern platform. For Type 15 signs, Blue Line (to San Ysidro/Tijuana) signs will be placed on the western platform, while Orange Line signs (both To Santa Fe Depot and To El Cajon) will be placed along the eastern platform.

# MTS San Diego Trolley Sign Program



## General Notes

### Station Names

Application:  
2012

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### Revision

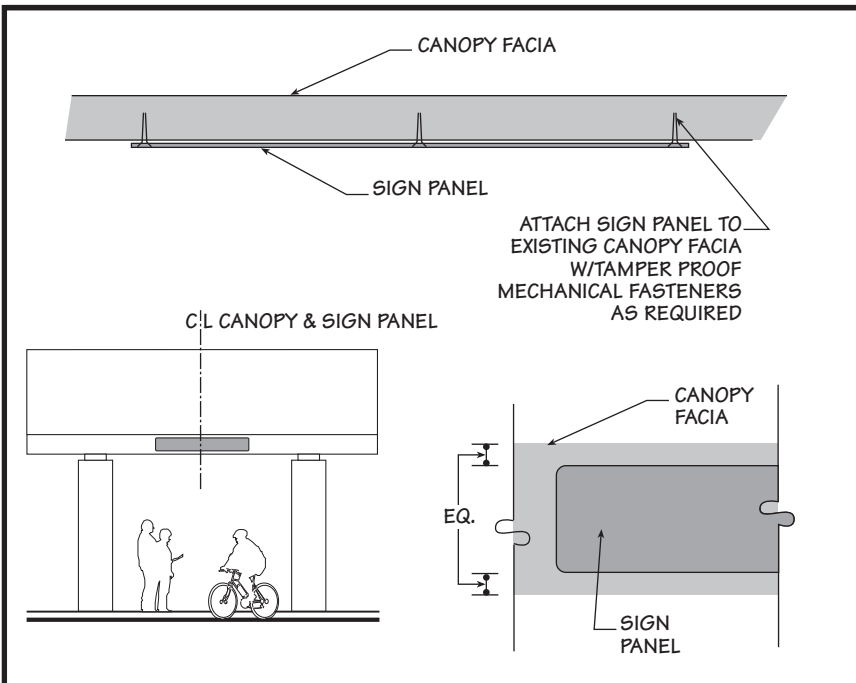
November 2011

Sheet Number

# G-4.2

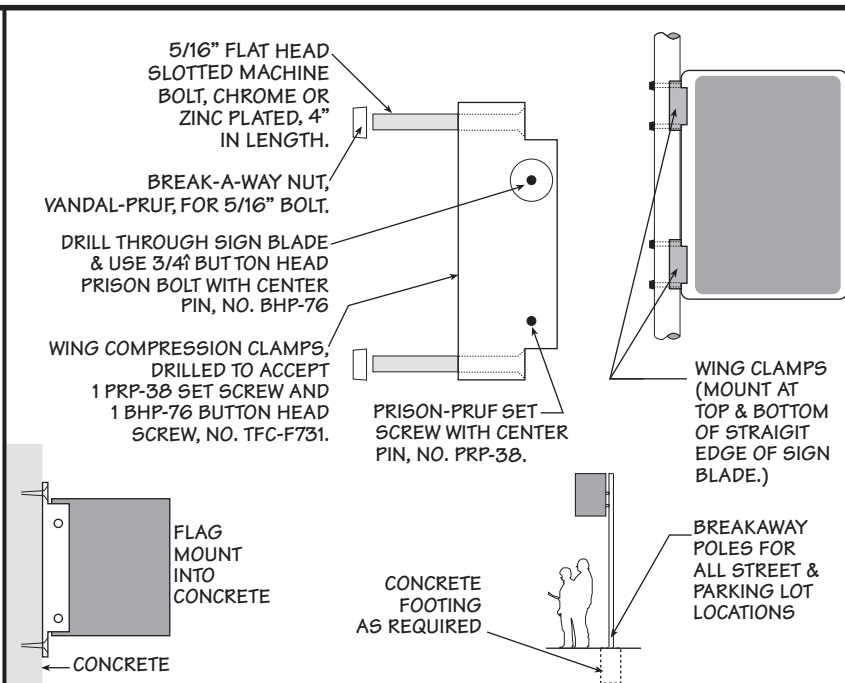
	Type 1 Primary Site	Type 2 Secondary Site	Type 10 & 12 Station ID	TYPE 15 - Destination					
				Blue		Orange		Green	
				To San Ysidro/ Tijuana	To America Plaza	To Santa Fe Depot	To El Cajon	To 12th & Imperial	To Santee Town Center
H Street	B	B	B	X	X				
Harborside	B	B	B	X	X				
Hazard Center		G	G					X	X
Iris Avenue	B	B	B	X	X				
La Mesa Boulevard		O	O			X	X		
Lemon Grove Depot		O	O			X	X		
Massachusetts Avenue		O	O			X	X		
Middletown		G	G					X	X
Mission San Diego		G	G					X	X
Mission Valley Center		G	G					X	X
Morena/Linda Vista		G	G					X	X
Old Town Transit Center		G	G					X	X
Pacific Fleet	B	B	B	X	X				
Palm Avenue	B	B	B	X	X				
Palomar Street	B	B	B	X	X				
Park & Market	B	O	B	O	B	O	X	X	
Qualcomm Stadium		G	G					X	X
Rio Vista		G	G					X	X
San Ysidro/Tijuana	B	B	B		X				
Santa Fe Depot		O	G	O	G	O	G	X	X
Santee Town Center		G	G					X	
SDSU Transit Center		G	G					X	X
Seaport Village		G	G					X	X
Spring Street		O	O		O		X	X	
Washington Street		G	G					X	X





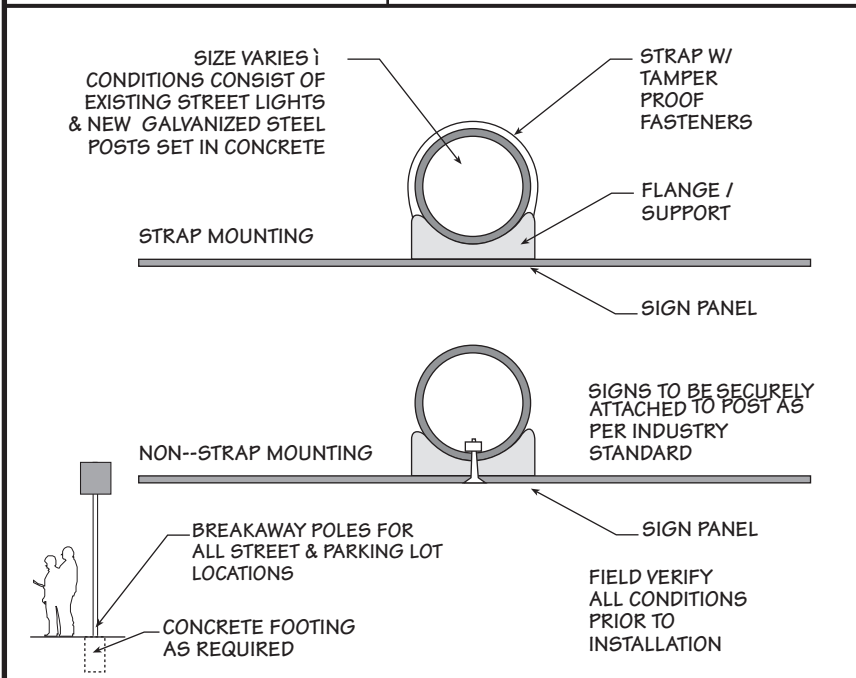
CANOPY MOUNT

SCALE: NTS



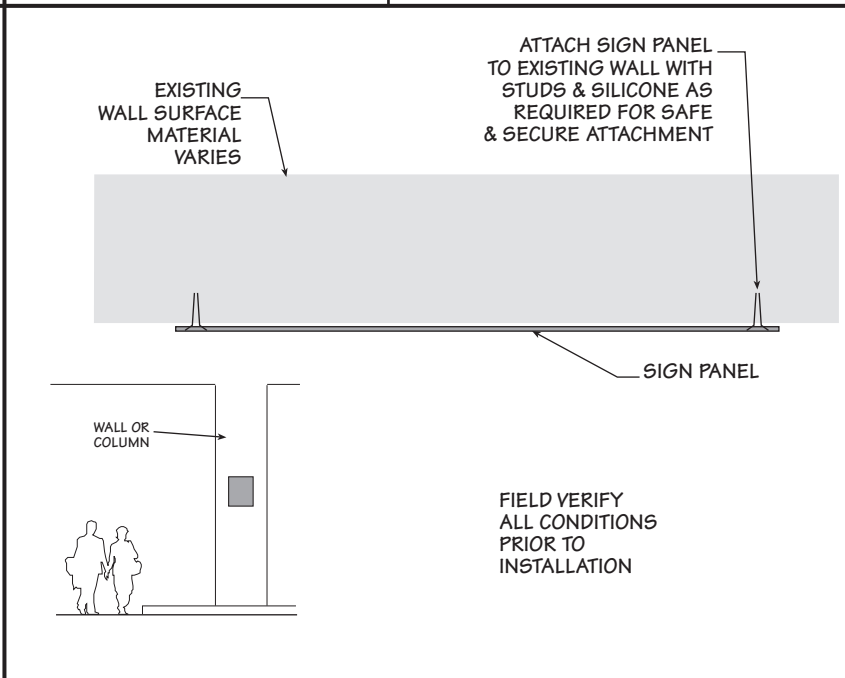
FLAG MOUNT

SCALE: NTS



POLE & POST MOUNT

SCALE: NTS



WALL & COLUMN MOUNT

SCALE: NTS

# MTS San Diego Trolley Sign Program



## General Notes

### Mounting Details

#### Sample Applications

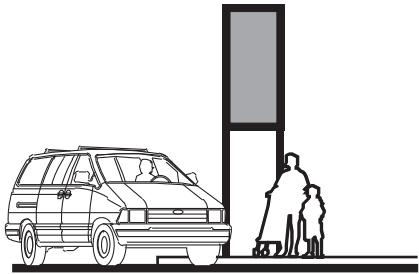
Signs on shelters may vary depending on shelter design

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**G-5**

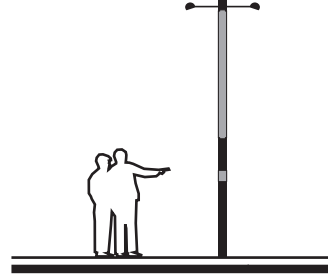
# Design Drawings





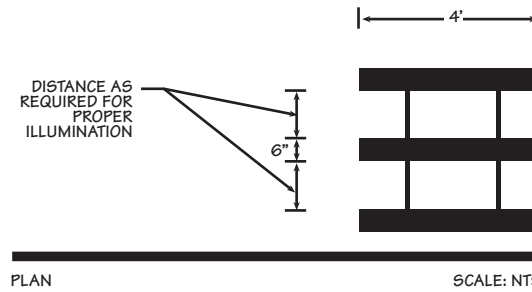
MOUNTING ELEVATION

SCALE: NTS



SIDE ELEVATION

SCALE: NTS



PLAN

SCALE: NTS

**SIGN DESCRIPTION**

SIGN PANEL : 94.5" X 34.5"

SIGN SIZE : 192" X 48"

CORNER RADIUS : NONE

MOUNTING : SIGN PANEL IN COATED STEEL OR ALUMINUM

MATERIAL: PORCELAIN ENAMEL AND PAINTED STEEL

COPY : WHITE PORCELAIN ENAMEL

COLORS: BLACK WITH WHITE COPY TOP PANEL TROLLEY LINES COLOR WITH WHITE SYMBOL

SIGN TO BE DOUBLE-SIDED

ILLUMINATION : EXTERNAL LIGHT FIXTURE SUSPENDED FROM STRUCTURE

**NOTES:**

SAMPLE SHOWN EXISTING TYPE ONLY. DESIGN AND MATERIALS MAY VARY DEPENDING ON STATION LOCATION AND NEW DESIGN.

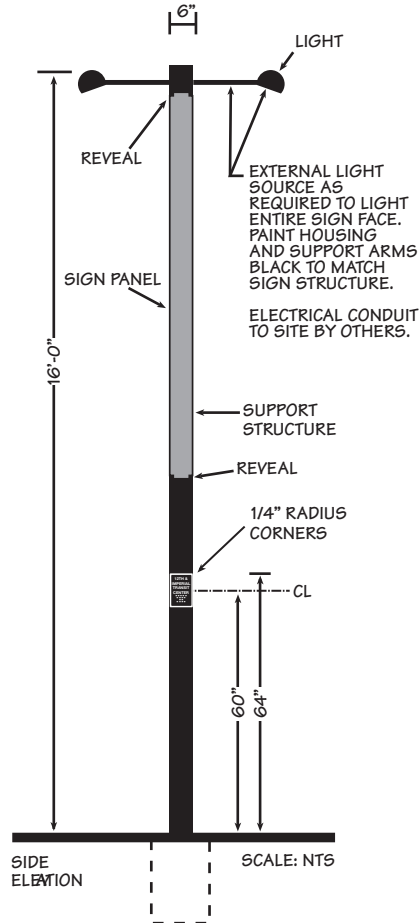
SIGN PANEL TO BE ATTACHED TO STRUCTURE WITH CONCEALED FASTNERS AS REQUIRED FOR SAFE AND SECURE MOUNTING AND TO SATISFY ALL CODE AND WIND LOAD REQUIREMENTS.

STEEL SIGN STRUCTURE TO BE MOUNTED IN CONCRETE FOOTINGS.

SIGNS SHALL BE MOUNTED IN BOTH LANDSCAPE AND HARD SURFACE CONDITIONS.

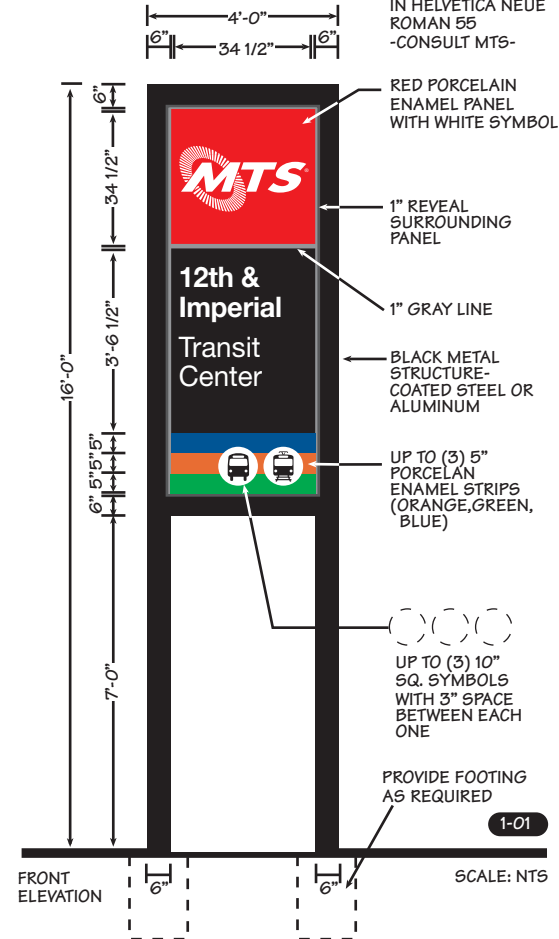
LIGHT FIXTURES TO BE AFF 080 FLUORESCENT FIXTURE AS MANUFACTURED BY HUBBELL, OR APPROVED EQUAL.

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



SIDE ELEVATION

SCALE: NTS



FRONT ELEVATION

SCALE: NTS

# MTS San Diego Trolley Sign Program



## Design Drawing

### Sign Type 1 Identification

#### Primary Site

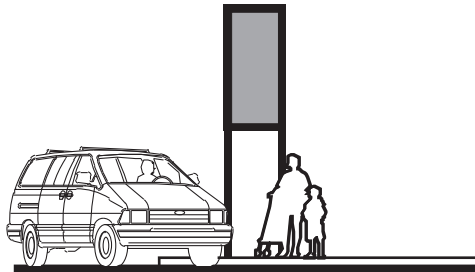
**Revision**

November 2011

**Sheet Number**

# D-1

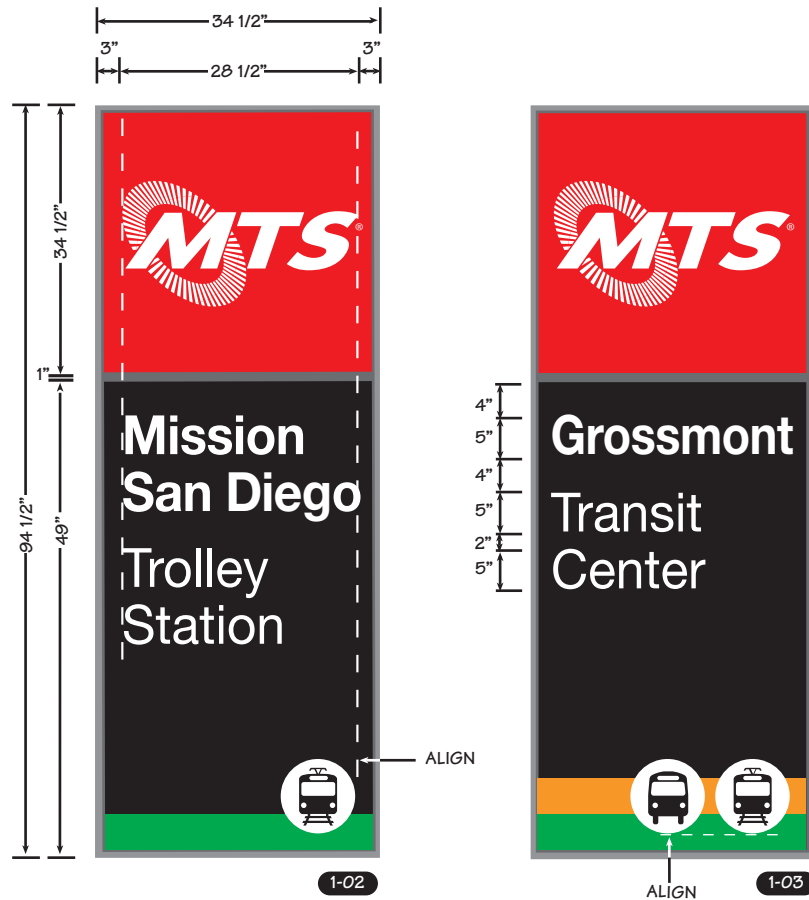
1-01



MOUNTING ELEVATION

SCALE: NTS

<b>SIGN DESCRIPTION</b>
SIGN PANEL: 94.5" X 34.5"
SIGN SIZE: 192" X 48"
CORNER RADIUS: NONE
MOUNTING: SIGN PANEL IN COATED STEEL OR ALUMINUM
MATERIAL: PORCELAIN ENAMEL AND PAINTED STEEL
COPY: WHITE PORCELAIN ENAMEL
COLORS: BLACK WITH WHITE COPY TOP PANEL TROLLEY LINES COLOR WITH WHITE SYMBOL
SIGN TO BE DOUBLE-SIDED
ILLUMINATION: EXTERNAL LIGHT FIXTURE SUSPENDED FROM STRUCTURE
NOTES: SAMPLE SHOWN EXISTING TYPE ONLY. DESIGN AND MATERIALS MAY VARY DEPENDING ON STATION LOCATION AND NEW DESIGN.  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.  LIGHT FIXTURES TO BE AFF 080 FLUORESCENT FIXTURE AS MANUFACTURED BY HUBBELL, OR APPROVED EQUAL.



SAMPLE COPY LAYOUTS

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

SCALE: NTS

# MTS San Diego Trolley Sign Program



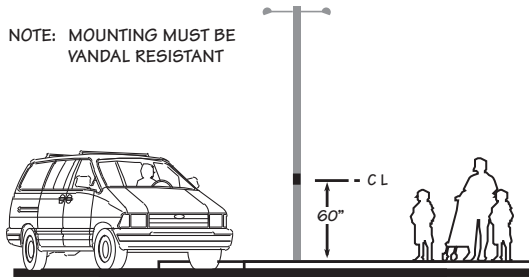
## Design Drawing

### Sign Type 1 Identification Primary Site

<b>Revision</b>
November 2011

Sheet Number  
**D-1.1**

NOTE: MOUNTING MUST BE VANDAL RESISTANT



MOUNTING ELEVATION : SECTION

SCALE: NTS

**SIGN DESCRIPTION**

PANEL SIZE : 5 1/2" X 8"

SIGN HEIGHT : 60" TO CENTER OF SIGN

CORNER RADIUS : 1/4"

MOUNTING : USE TAMPER-PROOF FASTENERS TO ATTACH PANEL TO POST OR LIGHT STANDARD

MATERIAL : 1/8" ETCHED ZINC

COPY : TACTILE & BRAILLE AS REQUIRED BY ADA

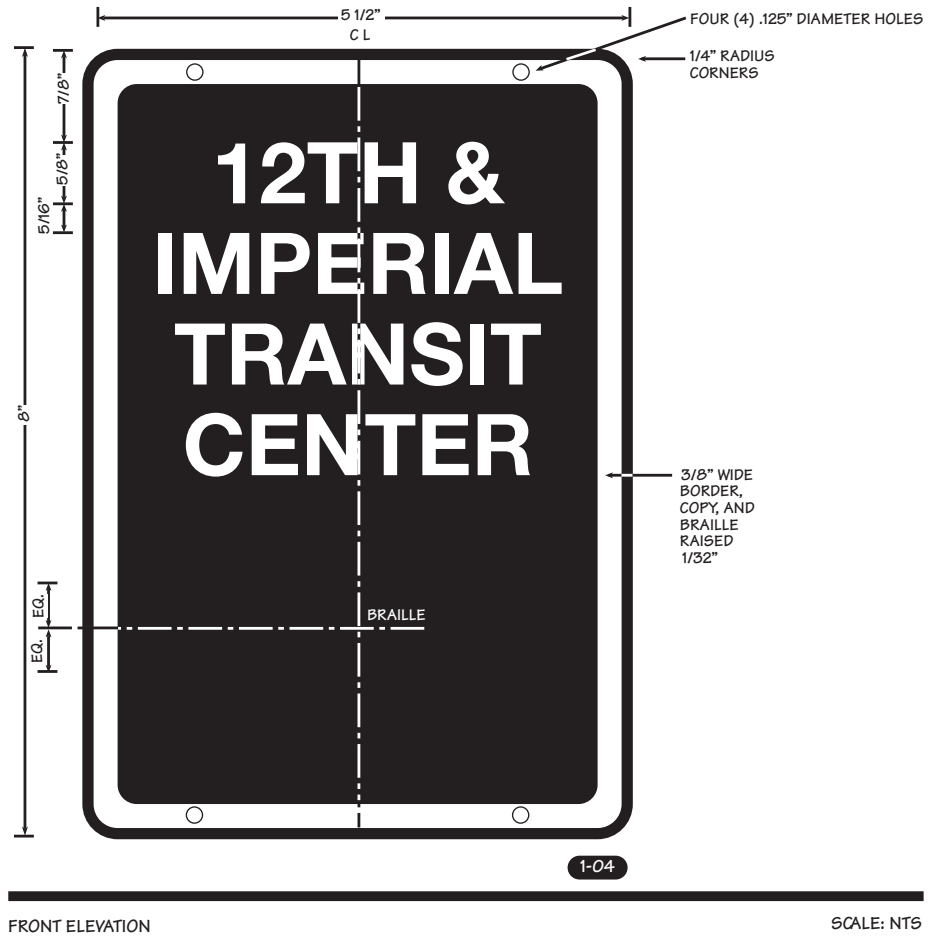
CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED.

DOTS SHALL BE 1/10 INCH ON CENTERS IN EACH CELL WITH 2/10 INCH SPACE BETWEEN CELLS.

DOTS SHALL BE RAISED A MINIMUM OF 1/32 INCH ABOVE BACKGROUND.

COLORS: BLACK BACKGROUND WHITE 5/8" CAP HEIGHT COPY SIGN TO BE SINGLE-SIDED

NOTES :  
 O PROVIDE P  
 SIGN CONTRACTOR T T EXIST.  
 IF LIGHT STANDARD DOES NO  
 BRAILLE TRANSLATION SHALL BE PROVIDED BY SIGN FABRICATOR.



FRONT ELEVATION

SCALE: NTS

**MTS  
 San Diego  
 Trolley  
 Sign  
 Program**



**Design Drawing**

**Sign Type 1  
 Identification**

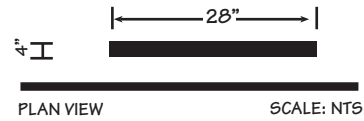
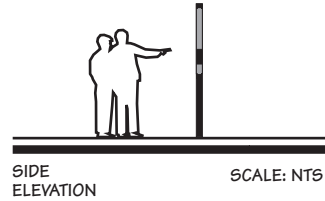
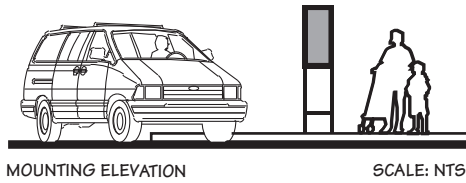
**Primary Site  
 ADA Plaque**

**Revision**

November 2011

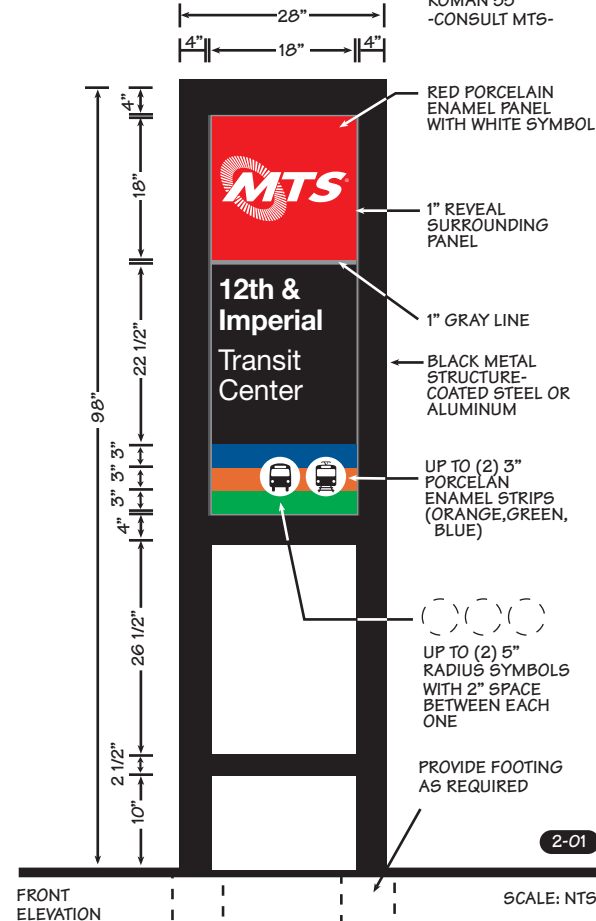
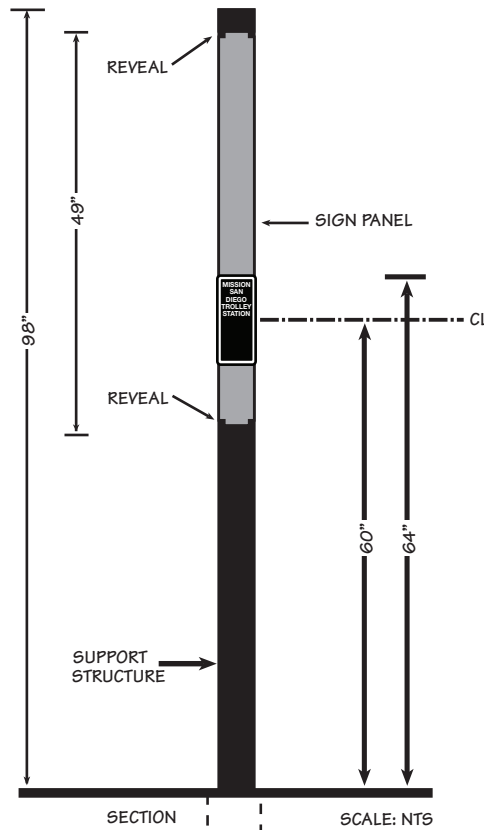
**Sheet Number**

**D-1.2**



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

SIGN DESCRIPTION
SIGN PANEL : 18" X 49"
SIGN : 28" X 98"
CORNER RADIUS : NONE
MOUNTING : SIGN PANEL IN STEEL FRAME
MATERIAL : PORCELAIN ENAMEL AND PAINTED STEEL
COPY : WHITE PORCELAIN ENAMEL
COLORS: BLACK WITH WHITE COPY TOP PANEL LINE COLOR WITH WHITE SYMBOL
SIGN TO BE DOUBLE-SIDED
ILLUMINATION : NON-ILLUMINATED
NOTES :
SIGN PANEL TO BE ATTACHED TO STRUCTURE WITH CONCEALED FASTNERS & 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 SCAPED CONDITIONS. FLANGE MOUNT STRUCTURE FOR HARDSCAPE CONDITION. SIGN CONTRACTOR TO FIELD VERIFY MOUNTING CONDITIONS.
REFER TO SPECIFICATIONS FOR ADDITIONAL BNOTES



# MTS San Diego Trolley Sign Program

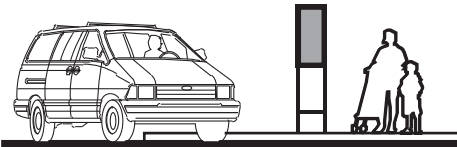


## Design Drawing

### Sign Type 2 Identification Secondary Site

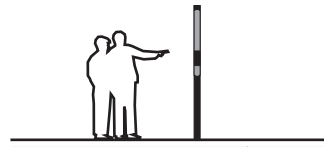
Revision  
November 2011

Sheet Number  
**D-2**



MOUNTING ELEVATION

SCALE: NTS



SIDE ELEVATION

SCALE: NTS

**SIGN DESCRIPTION**

SIGN PANEL : 18" X 49"

SIGN : 28" X 98"

CORNER RADIUS : NONE

MOUNTING : SIGN PANEL IN STEEL FRAME

MATERIAL : PORCELAIN ENAMEL AND PAINTED STEEL

COPY : WHITE PORCELAIN ENAMEL

COLORS: BLACK WITH WHITE COPY  
TOP PANEL LINE COLOR  
WITH WHITE SYMBOL

SIGN TO BE DOUBLE-SIDED

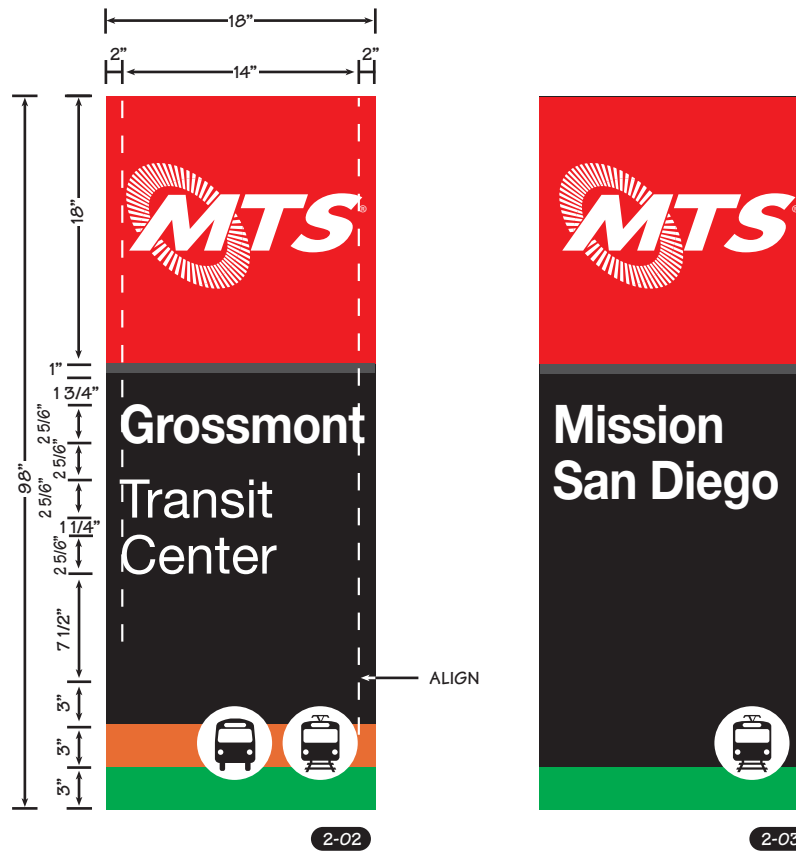
ILLUMINATION : NON-ILLUMINATED

**NOTES :**

SIGN PANEL TO BE ATTACHED TO STRUCTURE WITH CONCEALED FASTENERS & 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 SCAPED CONDITIONS.  
FLANGE MOUNT STRUCTURE FOR HARDSCAPE CONDITION.  
SIGN CONTRACTOR TO FIELD VERIFY MOUNTING CONDITIONS.

REFER TO SPECIFICATIONS FOR ADDITIONAL NOTES



COPY LAYOUTS

SCALE: NTS

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

# MTS San Diego Trolley Sign Program



Design Drawing

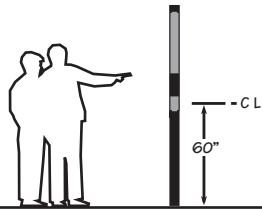
Sign Type 1  
Identification  
Secondary Site

**Revision**

November 2011

Sheet Number

# D-2.1



SIDE  
ELEVATION

SCALE: NTS

**SIGN DESCRIPTION**

PANEL SIZE : 5 1/2" X 8"

SIGN HEIGHT : 60" TO CENTER  
OF SIGN

CORNER RADIUS : 1/4"

MOUNTING : USE TAMPER-PROOF  
FASTENERS TO ATTACH PANEL TO  
POST OR LIGHT STANDARD

MATERIAL : 1/8" ETCHED ZINC

COPY : TACTILE & BRAILLE AS  
REQUIRED BY ADA

CONTRACTED GRADE 2 BRAILLE SHALL  
BE USED WHEREVER BRAILLE SYMBOLS  
ARE SPECIFICALLY REQUIRED.

DOTS SHALL BE 1/10 INCH ON CENTERS  
IN EACH CELL WITH 2/10 INCH SPACE  
BETWEEN CELLS.

DOTS SHALL BE RAISED A MINIMUM OF  
1/32 INCH ABOVE BACKGROUND.

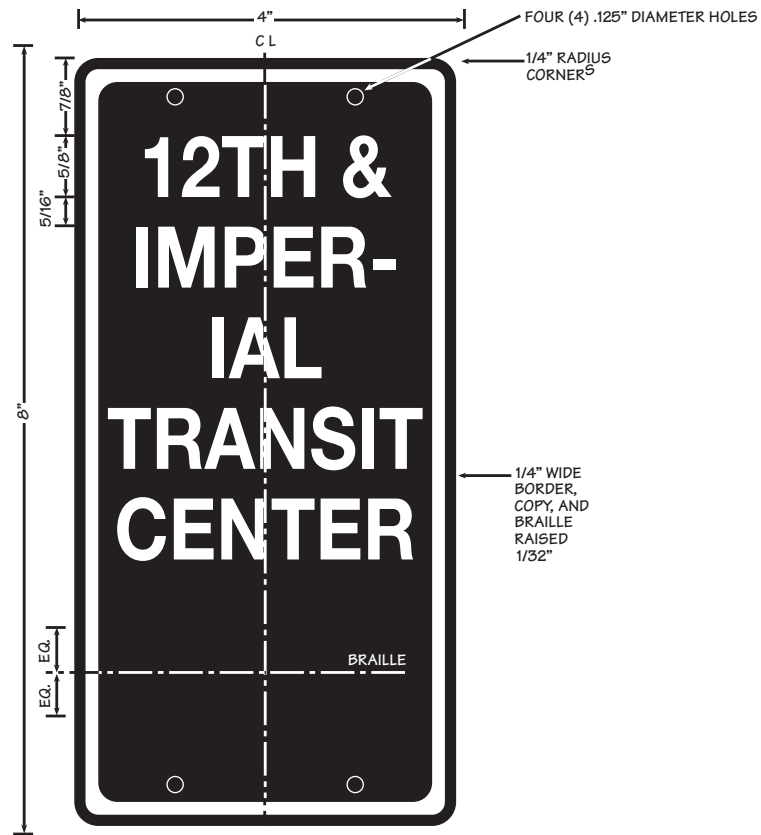
COLORS: BLACK BACKGROUND  
WHITE 5/8" CAP HEIGHT COPY

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.



FRONT ELEVATION

SCALE: NTS

**MTS  
San Diego  
Trolley  
Sign  
Program**



**Design Drawing**

**Sign Type 2  
Identification  
Secondary Site  
ADA Plaque**

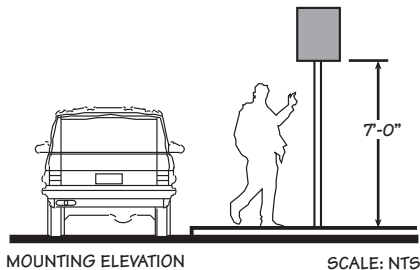
**Revision**

November 2011

**Sheet Number**

**D-2.2**





UNAUTHORIZED VEHICLES  
NOT DISPLAYING  
DISTINGUISHING PLACARDS  
OR LICENSE PLATES  
ISSUED FOR PHYSICALLY  
CHALLENGED PERSONS  
WILL BE TOWED AWAY AT  
OWNER'S EXPENSE

TOWED VEHICLES  
MAY BE RECLAIMED A  
(address)  
OR BY TELEPHONING  
(telephone no.)

3-01

**Notice**  
Lock Your Car  
The San Diego MTS  
& San Diego Trolley,  
Inc. are not respons-  
ible for theft, fire or  
damage to any vehicle  
or any article left in  
such vehicle while  
parked in this parking  
facility.

3-02

**Notice**  
No transit parking  
at this site.

Parking available  
at Morena/  
Linda Vista &  
Stadium Stations.

3-04

**Emergency  
Exit Only**

**Do Not  
Enter**

3-05

COPY LAYOUTS SCALE: NTS



3-03

FRONT ELEVATION SCALE: NTS

SIGN DESCRIPTION
PANEL SIZE : 20" X 24"
SIGN HEIGHT : 7"0" TO BOTTOM OF SIGN
CORNER RADIUS : 3/8"
MOUNTING : USE TAMPER PROOF FASTENERS TO ATTACH PANEL TO POST
MATERIAL : 1/8" ALUMINUM PANEL - GALVANIZED METAL POST
COPY : MATTE OR REFLECTIVE AS INDICATED
COLOR : BLACK, BLUE, AND/OR RED AS INDICATED
SIGN TO BE SINGLE-SIDED

NOTES :

ISOLATE PANEL FROM POST TO PREVENT ELECTROLYSIS/ CORROSION.

MOUNT POST IN CONCRETE FOOTING AS REQUIRED.

# MTS San Diego Trolley Sign Program

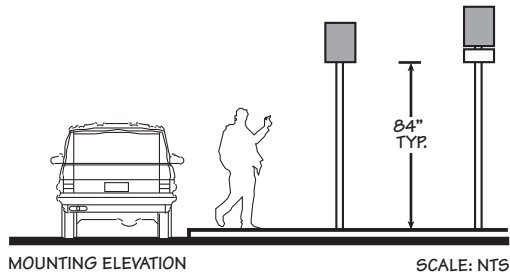


## Design Drawing

**Sign Type 51  
Vehicular  
Restrictive  
Large**

Revision
November 2011

Sheet Number  
**D-3**



**SIGN DESCRIPTION**

PANEL SIZE : 12" X 18"

SIGN HEIGHT : 84" T O BOTTOM OF PANEL

CORNER RADIUS : 3/8"

MOUNTING : USE TAMPER PROOF FASTENERS TO ATTACH PANEL TO POST

MATERIAL : 1/8" ALUMINUM PANEL - GALVANIZED METAL OR ALUMINUM POST

COPY : REFLECTIVE

COLORS: BLACK BACKGROUND WITH WHITE COPY AND "P" IN BLACK, SLASH AND CIRCLE IN RED  
SIGN TO BE SINGLE-SIDED

ILLUMINATION : NON-ILLUMINATED

**NOTES :**

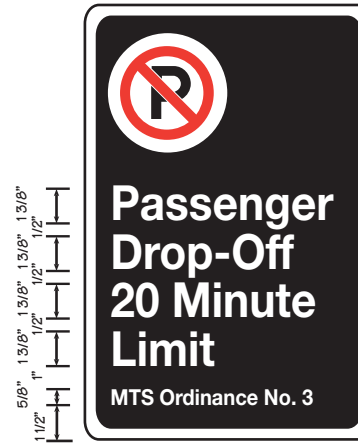
ISOLATE PANEL FROM POST TO PREVENT ELECTROLYSIS/ CORROSION.

MOUNT POST IN CONCRETE FOOTING AS REQUIRED.

ON SIGNS WITH TEXT, SIZE COPY SO IT COMES TO 3/4" FROM LEFT, BOTTOM AND RIGHTSIDES OF BACKGROUND.

COPY MUST BE 1/2" OR LARGER. CONDENSE FONT, ONLY IF NECESSARY.

SYMBOL IS 1/2" TALLER THAN TEXT CAP HEIGHT, AND IS FLUSH LEFT.



**MTS  
San Diego  
Trolley  
Sign  
Program**



**Design Drawing**

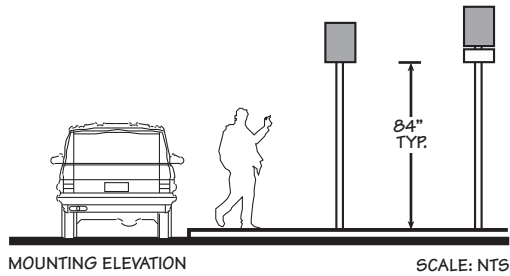
**Sign Type 51  
Vehicular  
Restrictive  
Small**

**Revision**

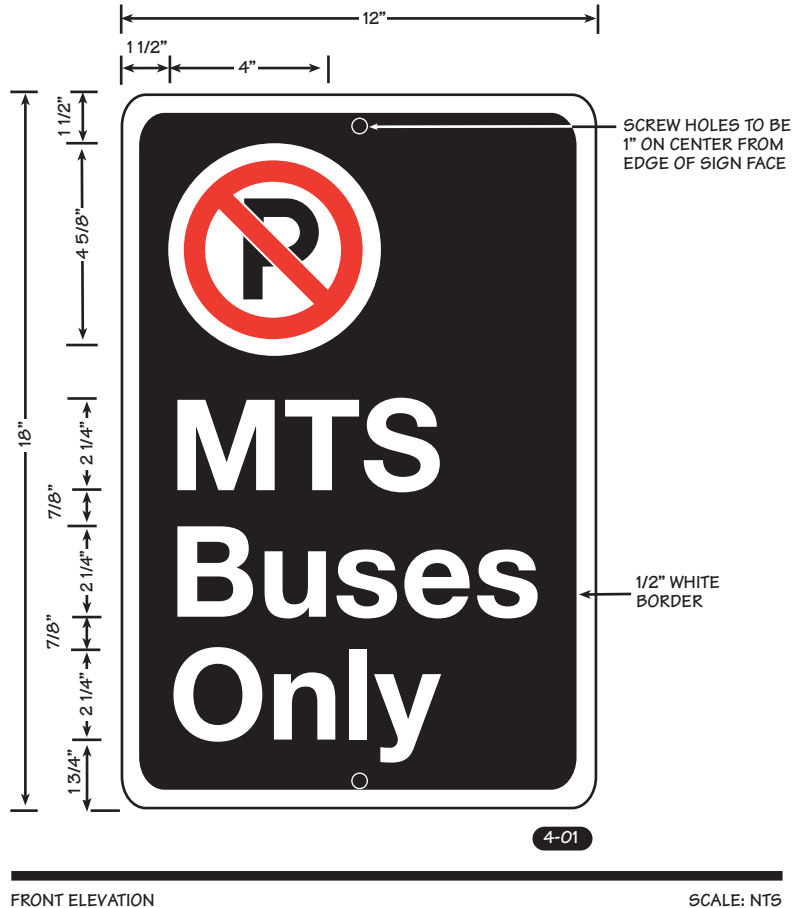
November 2011

**Sheet Number**

**D-4**



<b>SIGN DESCRIPTION</b>
PANEL SIZE : 12" X 18"
SIGN HEIGHT : 84" T O BOTTOM OF PANEL
CORNER RADIUS : 3/8"
MOUNTING : USE TAMPER PROOF FASTENERS TO ATTACH PANEL TO POST
MATERIAL : 1/8" ALUMINUM PANEL - GALVANIZED METAL OR ALUMINUM POST
COPY : REFLECTIVE
COLORS: BLACK BACKGROUND WITH WHITE COPY AND "P" IN BLACK, SLASH AND CIRCLE IN RED
SIGN TO BE SINGLE-SIDED
ILLUMINATION : NON-ILLUMINATED
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 3/4" FROM LEFT, BOTTOM AND RIGHTSIDES OF BACKGROUND.
COPY MUST BE 11/2" OR LARGER. CONDENSE FONT, ONLY IF NECESSARY.
SYMBOL IS 1/2" TALLER THAN TEXT CAP HEIGHT, AND IS FLUSH LEFT.



# MTS San Diego Trolley Sign Program



## Design Drawing

### Sign Type 51 Vehicular Restrictive Small

#### Revision

November 2011

#### Sheet Number

# D-4.1

# MTS San Diego Trolley Sign Program



## Design Drawing

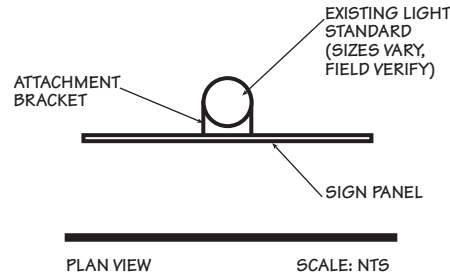
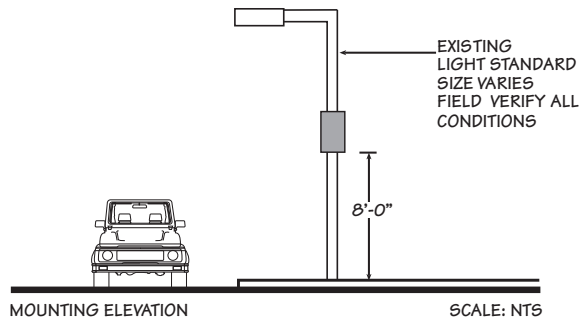
### Sign Type 5 Vehicular Directional Trailblazer

#### Revision

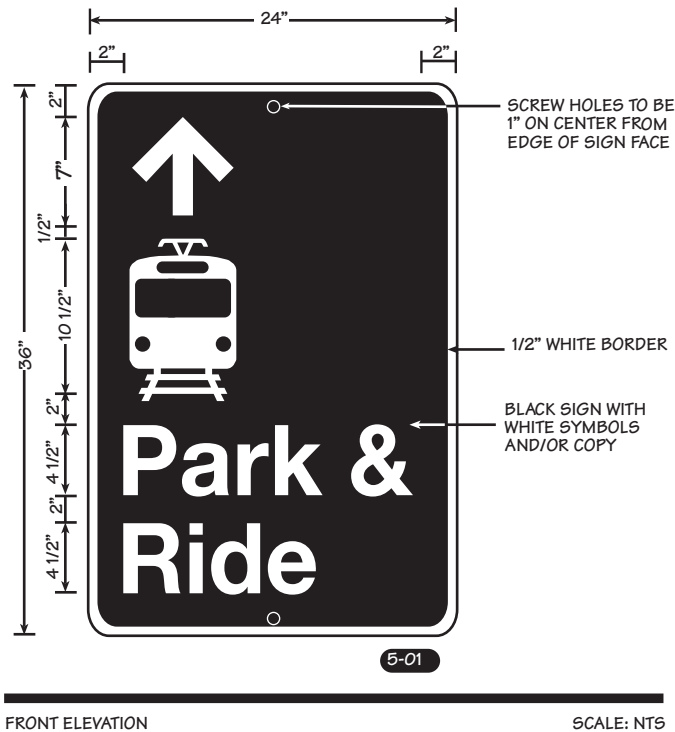
November 2011

Sheet Number

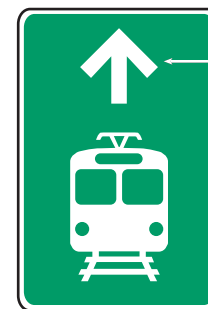
# D-5



<b>SIGN DESCRIPTION</b>
PANEL SIZE : 24" X 36"
SIGN HEIGHT : 8'-0" TO BOTTOM OF SIGN
CORNER RADIUS : 3/8"
MOUNTING : USE TAMPER PROOF HARDWARE TO ATTACH PANEL TO EXISTING LIGHT STANDARD COORDINATION WITH CITY REQUIRED
MATERIAL : 1/8" ALUMINUM PANEL
COPY : REFLECTIVE
COLORS : BLACK WITH WHITE COPY. FOR LAYOUTS WITH THE TROLLEY SYMBOL AND ARROW, USE GREEN BACKGROUND.
SIGN TO BE SINGLE-SIDED
ILLUMINATION : NONE
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.



5-02



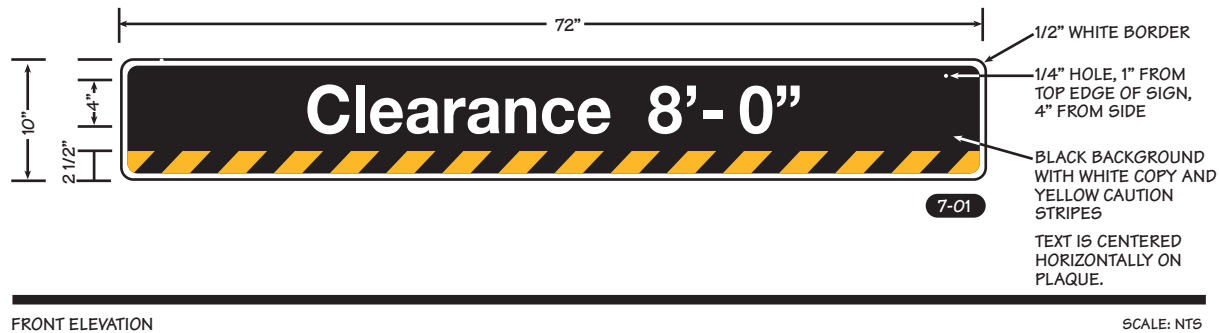
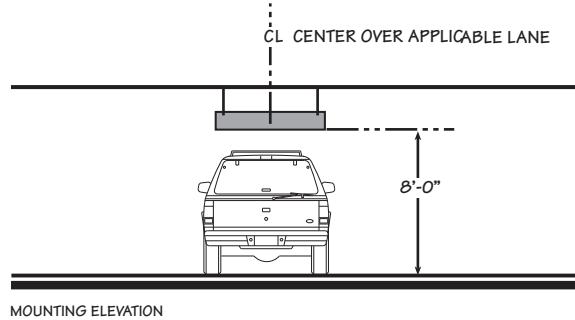
5-03

FOR SIGNS WITH SYMBOLS ONLY (NO TEXT): CENTER ARROW & SYMBOL(S) HORIZONTALLY ON PLAQUE

FOR ALL LAYOUTS WITH THE TROLLEY SYMBOL, USE GREEN BACKGROUND

COPY LAYOUTS

SCALE: NTS



#### SIGN DESCRIPTION

PANEL SIZE : 72" X 10"

SIGN HEIGHT : 8'-0" CLEARANCE

CORNER RADIUS : 3/8"

MOUNTING : USE AIRCRAFT CABLE & CONCRETE ANCHORS AS REQUIRED TO INSTALL TO CONCRETE STRUCTURE

MATERIAL : 1/8" ALUMINUM PANEL

COPY : REFLECTIVE

COLORS : BLACK BACKGROUND, YELLOW CAUTION STRIPES AND WHITE COPY

SIGN TO BE DOUBLE-SIDED

ILLUMINATION : NONE

#### NOTES :

MOUNTING HEIGHT & CLEARANCE COPY WILL BE DETERMINED BY PARKING STRUCTURE CLEARANCE.

# MTS San Diego Trolley Sign Program



## Design Drawing

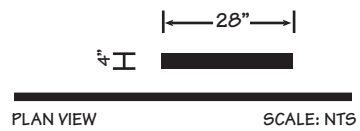
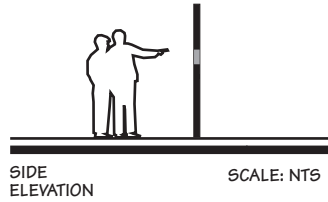
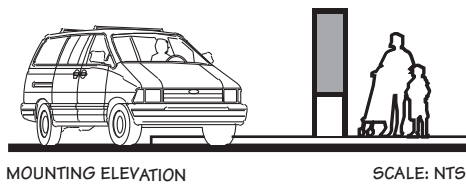
### Sign Type 7 Clearance Bar

#### Revision

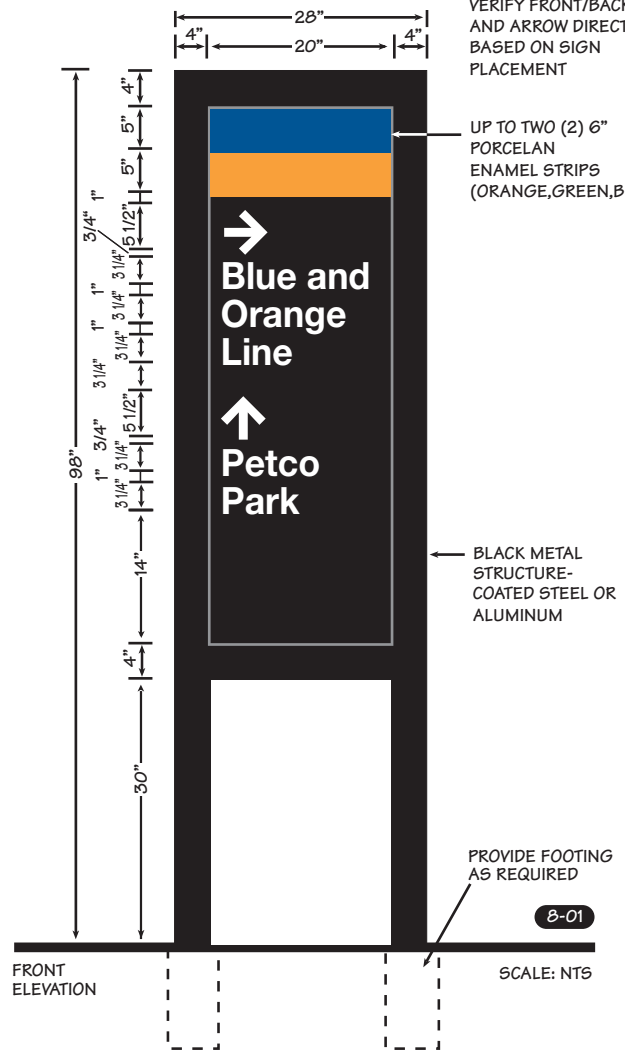
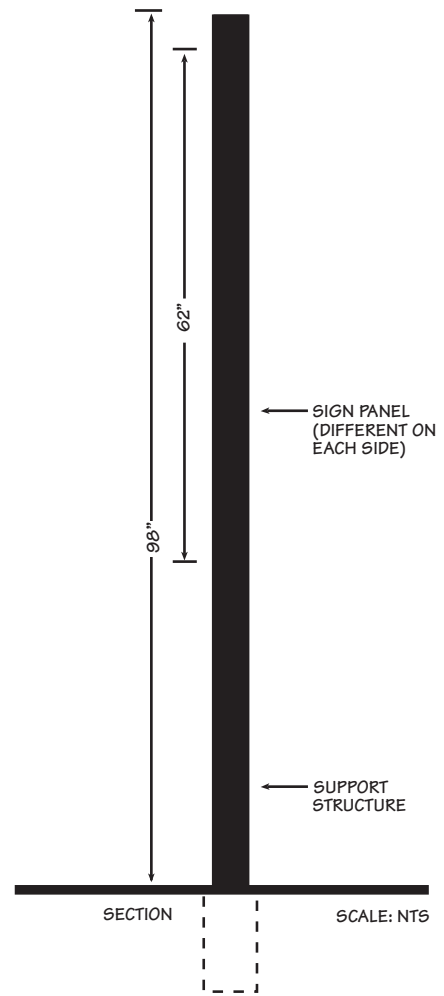
November 2011

#### Sheet Number

# D-7



SIGN DESCRIPTION
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 : BLACK WITH WHITE COPY TOP PANEL LINE COLOR WITH WHITE SYMBOL
SIGN TO BE DOUBLE-SIDED
ILLUMINATION : NON-ILLUMINATED
NOTES :
SIGN PANEL TO BE ATTACHED TO STRUCTURE WITH CONCEALED FASTNERS & 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 SCAP CONDITIONS. FLANGE MOUNT STRUCTURE FOR HARDSCAPE CONDITION. SIGN CONTRACTOR TO FIELD VERIFY MOUNTING CONDITIONS.
REFER TO SPECIFICATIONS FOR ADDITIONAL BNOTES



NOTE:  
SIGN DOUBLE-SIDE:  
VERIFY FRONT/BACK TEXT  
AND ARROW DIRECTION  
BASED ON SIGN  
PLACEMENT

# MTS San Diego Trolley Sign Program



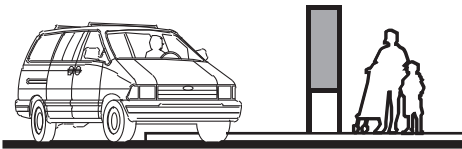
Design Drawing

Sign Type 8  
Directional  
Kiosk

12th & Imperial

Revision  
November 2011

Sheet Number  
**D-8**



MOUNTING ELEVATION

SCALE: NTS

**SIGN DESCRIPTION**

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

COLOR ; BLACK WITH WHITE COPY  
TOP PANEL LINE COLOR  
WITH WHITE SYMBOL

SIGN DOUBLE-SIDED  
(DIFFERENT ART EACH SIDE)

ILLUMINATION : NON-ILLUMINATED

**NOTES :**

SIGN PANEL TO BE ATTACHED TO STRUCTURE WITH CONCEALED FASTNERS & 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 SCAPED 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



8-02



8-03



8-04



8-05



8-06



8-07

COPY LAYOUTS

SCALE: NTS

**MTS  
San Diego  
Trolley  
Sign  
Program**



**Design Drawing**

**Sign Type 8  
Directional  
Kiosk**

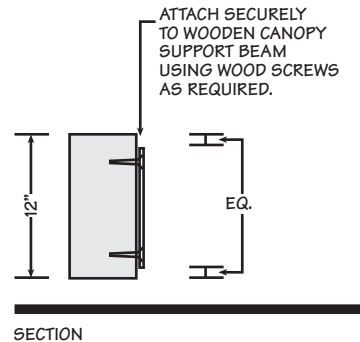
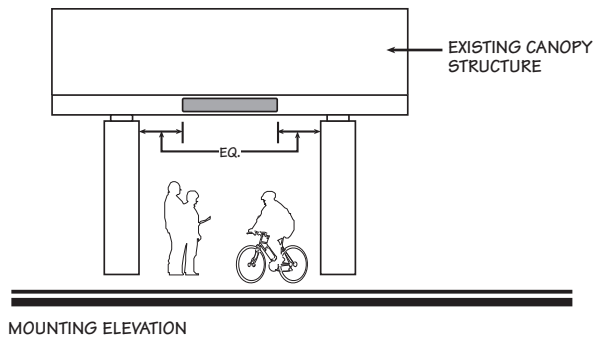
*12th & Imperial*

**Revision**

November 2011

**Sheet Number**

**D-8.1**



**SIGN DESCRIPTION**

PANEL SIZE : 72" X 10"

SIGN HEIGHT : BASED ON CANOPY FASCIA

CORNER RADIUS : 3/8"

MOUNTING : MOUNT TO CANOPY STRUCTURE W/ TAMPER PROOF WOOD SCREWS AS REQUIRED

MATERIAL : 1/8" ALUMINUM PANEL

COPY : REFLECTIVE

COLORS : LINE COLOR ON TOP, BOTTOM BLACK BACKGROUND WITH WHITE COPY

SIGN TO BE SINGLE-SIDED

ILLUMINATION : NONE

**NOTES :**

COORDINATE BAR COLOR WITH LINE/ STATION LOCATION.

TEXT IS CENTERED HORIZONTALLY ON PLAQUE.



COPY LAYOUTS

SCALE: NTS



FRONT ELEVATION

SCALE: NTS

**MTS  
San Diego  
Trolley  
Sign  
Program**



**Design Drawing**

**Sign Type 10  
Station  
Identification**

Canopy Mounted

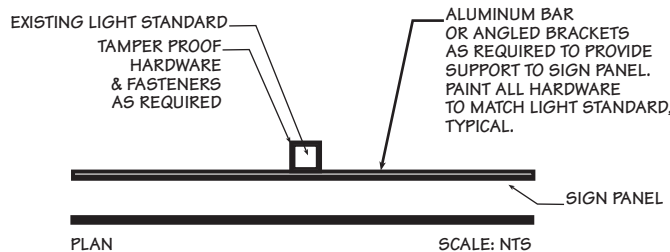
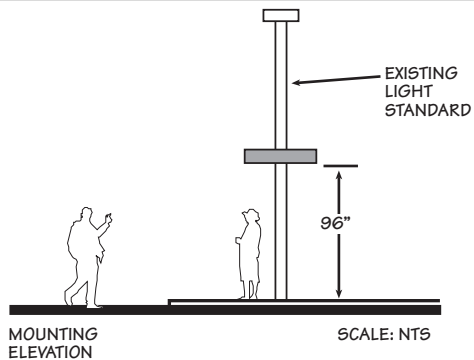
**Revision**

November 2011

Sheet Number

**D-10**

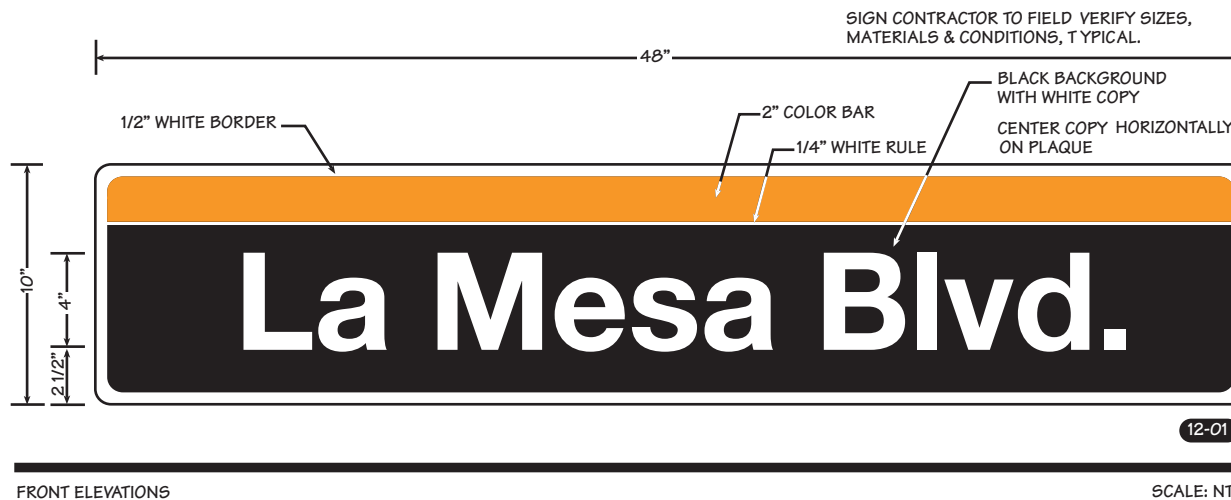
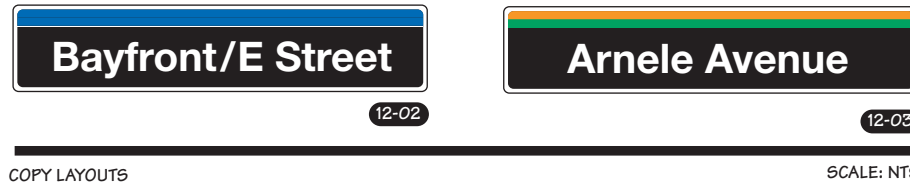




NOTE: USE 4" CAP HEIGHT WHERE POSSIBLE, LEAVING AT LEAST 1" OF EMPTY SPACE AT EACH END OF COPY.

MINIMUM CAP HEIGHT IS 3". TEXT MAY BE CONDENSED TO FIT ONTO PLAQUE.

<b>SIGN DESCRIPTION</b>
PANEL SIZE : 10" X 48"
SIGN HEIGHT : 96" T O BOTTOM OF SIGN
CORNER RADIUS : 3/8"
MOUNTING : TO EXISTING LIGHT STANDARDS
MATERIAL : 1/8" ALUMINUM PANEL
COPY : NON-REFLECTIVE SIGN
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 MAY BE CONDENSED TO FIT IF NECESSARY
COLORS : BLACK BACKGROUND WITH TROLLEY LINES COLOR AND WHITE COPY
SIGN IS SINGLE-SIDED
ILLUMINATION : NONE
NOTES :
MOUNTED TO EXISTING LIGHT STANDARDS.
SIGN CONTRACTOR TO FIELD VERIFY SIZES, MATERIALS & CONDITIONS.
IF CONDITIONS PREVENT THE USE OF LIGHT STANDARDS, SIGN CONTRACTOR SHALL PROVIDE POST AS REQUIRED. REFER TO SPECIFICATIONS FOR SCREW HOLE DETAILS.



# MTS San Diego Trolley Sign Program

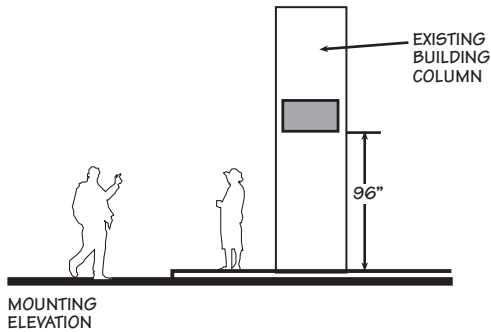


Design Drawing

Sign Type 12  
Station  
Identification  
1 Line

Revision  
November 2011

Sheet Number  
**D-12**



NOTE: USE 4" CAP HEIGHT WHERE POSSIBLE, LEAVING AT LEAST 1" OF EMPTY SPACE AT EACH END OF COPY.

MINIMUM CAP HEIGHT IS 4". TEXT MAY BE CONDENSED

# MTS San Diego Trolley Sign Program



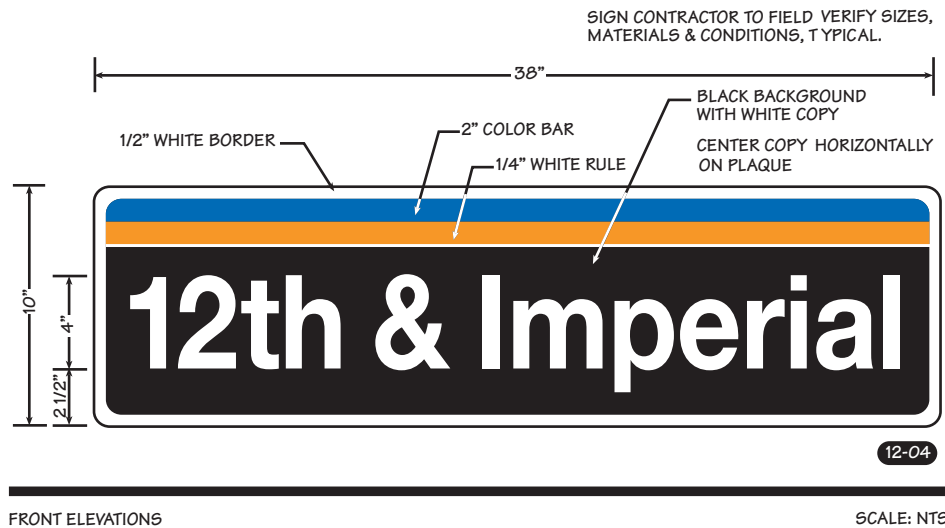
## Design Drawing Sign Type 12 Station Identification

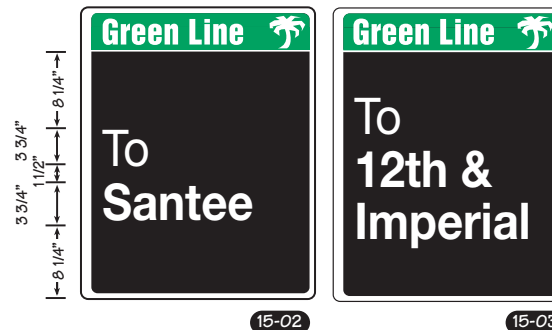
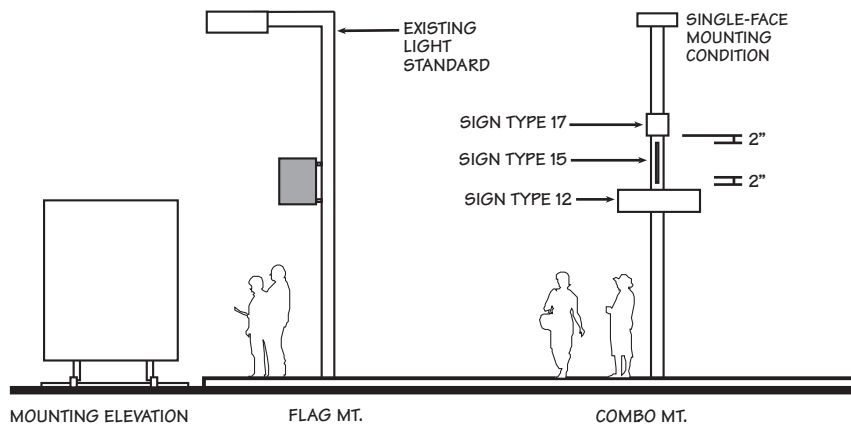
Location:  
12th & Imperial

Revision  
November 2011

Sheet Number  
**D-12.1**

<b>SIGN DESCRIPTION</b>
PANEL SIZE : 20" X38"
SIGN HEIGHT : 96" TO BOTTOM OF SIGN
CORNER RADIUS : 3/8"
MOUNTING : TO EXISTING LIGHT STANDARDS
MATERIAL : 1/8" ALUMINUM PANEL
COPY : NON-REFLECTIVE SIGN BOLD (STATION NAME) ROMAN (TRANSIT CENTER)  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 MAY BE CONDENSED TO FIT IF NECESSARY
COLORS : BLACK BACKGROUND WITH TROLLEY LINES COLOR AND WHITE COPY  SIGN TO BE SINGLE-SIDED
ILLUMINATION : NONE
NOTES :  MOUNTED TO EXISTING LIGHT STANDARDS.  SIGN CONTRACTOR TO FIELD VERIFY SIZES, MATERIALS & CONDITIONS.  IF CONDITIONS PREVENT THE USE OF LIGHT STANDARDS, SIGN CONTRACTOR SHALL PROVIDE POST AS REQUIRED. REFER TO SPECIFICATIONS FOR SCREW HOLE DETAILS.





FRONT ELEVATION

SCALE : NTS

SAMPLE COPY LAYOUTS

SCALE : NTS

<b>SIGN DESCRIPTION</b>
PANEL SIZE : 24" X 30"
SIGN HEIGHT : 84" TO BOTTOM OF SIGN
CORNER RADIUS : 3/8"
MOUNTING : TO EXISTING LIGHT STANDARDS
MATERIAL : 1/8" ALUMINUM
COPY : NON-REFLECTIVE SIGN FONT TO BE CONDENSED 85%, THIS SIGN TYPE
COLORS : BLACK BACKGROUND WITH TROLLEY LINES COLOR STRIPE AND WHITE SYMBOL/COPY
WHEN SIGN IS CENTER MOUNTED, BORDER IS 1/2" ALL FOUR SIDES,
WHEN SIGN IS FLG MOUNTED, 1/2" THREE SIDES, 1" ON SIDE MOUNTED.
SIGN IS DOUBLE-SIDED

**NOTES :**  
SIGN CONTRACTOR TO VERIFY MOUNTING METHOD ( FLAG OR CENTER ) AND PROVIDE APPROPRIATE TAMPER-PROOF HARDWARE.

# MTS San Diego Trolley Sign Program



## Design Drawing

### Sign Type 15 Destination

Location:  
12th & Imperial

#### Revision

November 2011

#### Sheet Number

# D-15

# MTS San Diego Trolley Sign Program



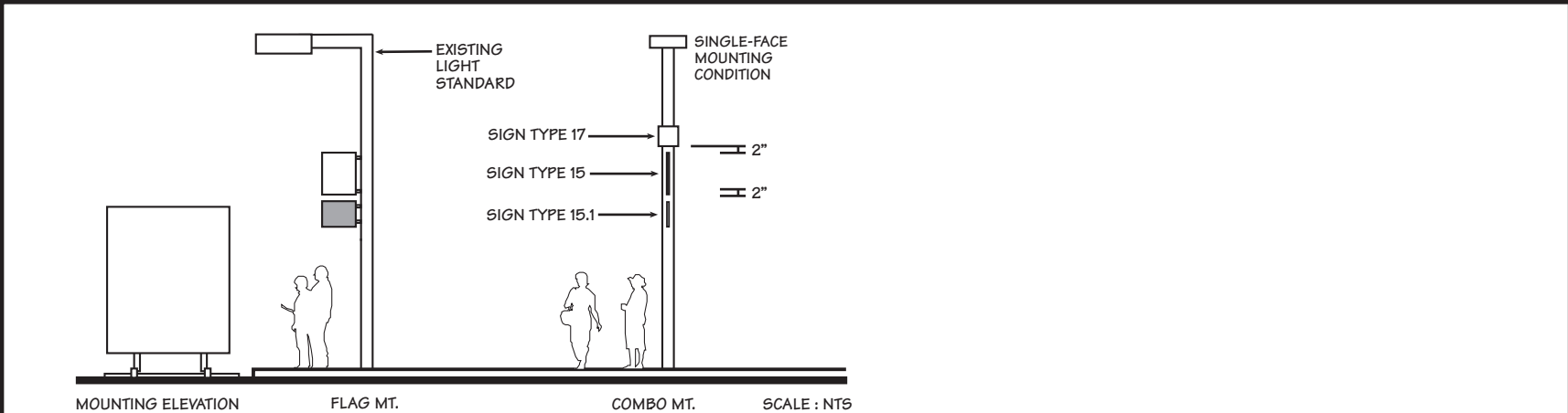
## Design Drawing

### Sign Type 15 Destination Supplement

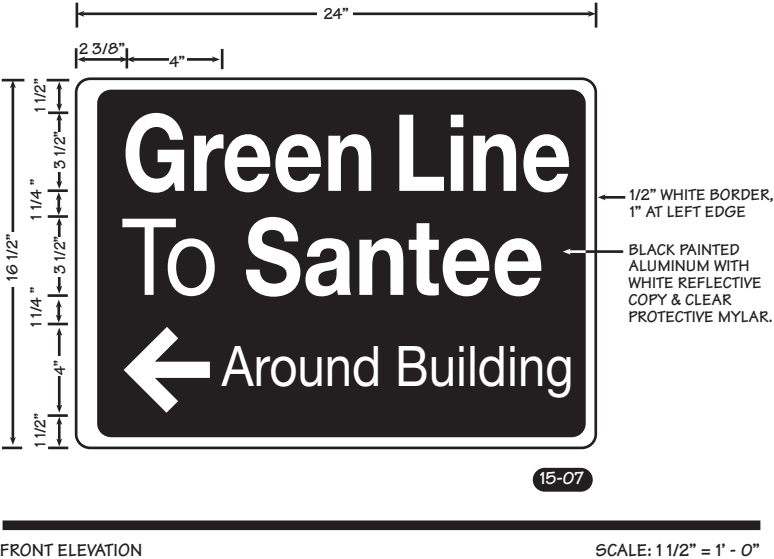
*Location:  
12th & Imperial*

**Revision**  
November 2011

**Sheet Number**  
**D-15.1**



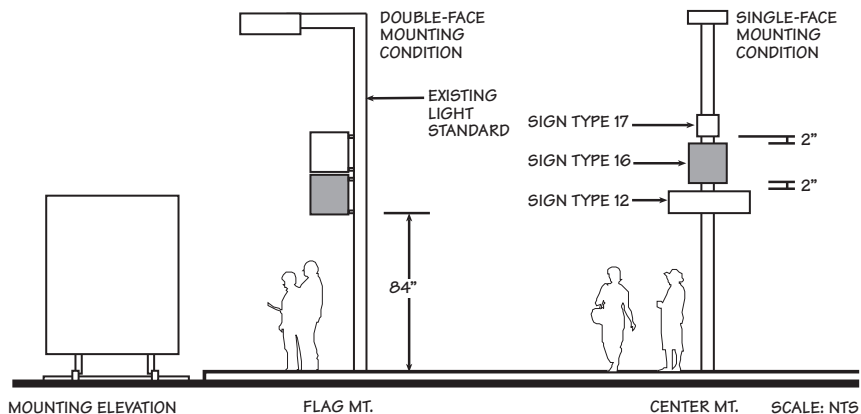
<b>SIGN DESCRIPTION</b>
PANEL SIZE : 16 1/2" X 30"
SIGN HEIGHT : 84" TO BOTTOM OF SIGN OR 2" BELOW EXISTING SIGN
CORNER RADIUS : 3/8"
MOUNTING : TO EXISTING LIGHT STANDARDS
MATERIAL : 1/8" ALUMINUM
COPY : NON-REFLECTIVE SIGN FONT TO BE CONDENSED 85%, THIS SIGN TYPE
COLORS : BLACK BACKGROUND WITH WHITE SYMBOL/COPY
WHEN SIGN IS CENTER MOUNTED, BORDER IS 1/2" ALL FOUR SIDES,
WHEN SIGN IS FLG MOUNTED, 1/2" THREE SIDES, 1" ON SIDE MOUNTED.
SIGN IS DOUBLE-SIDED
NOTES :
SIGN CONTRACTOR TO VERIFY MOUNTING METHOD ( FLAG OR CENTER ) AND PROVIDE APPROPRIATE TAMPER-PROOF HARDWARE.
FIELD VERIFY FOR SPECIFIC PLACEMENT TO DETERMINE TEXT AND ARROW DIRECTION



FRONT ELEVATION

SCALE: 1 1/2" = 1' - 0"

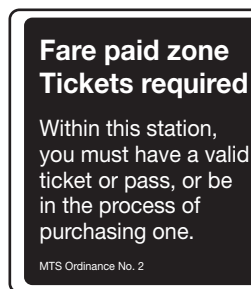
15-07



FLAG MOUNT SIGN - DOUBLE FACED WITH HOLES ALONG EDGE AND ADDED 1/2" WHITE BORDER (TOTAL 1" ONE SIDE, 1/2" 3-SIDES)



FLUSH MOUNT SIGN - SINGLE SIDED WITH CENTER HOLES AND 1/2" BORDER 4-SIDES



16-02

COPY LAYOUTS

SCALE: NTS



FRONT ELEVATION

SCALE: NTS

<b>SIGN DESCRIPTION</b>
PANEL SIZE : 20" X 24"
SIGN HEIGHT : 84" TO BOTTOM OF SIGN
CORNER RADIUS : 3/8"
MOUNTING : TO EXISTING LIGHT STANDARDS
MATERIAL : 1/8" ALUMINUM
COPY : NON-REFLECTIVE SIGN
COLORS: BLACK BACKGROUND WITH WHITE COPY
FLAG MOUNTED SIGN DOUBLE-SIDED
FLUSH MOUNTED SIGN SINGLE-SIDED
ILLUMINATION : NONE
NOTES :
SIGN CONTRACTOR TO VERIFY MOUNTING METHOD ( FLAG OR CENTER ) AND PROVIDE APPROPRIATE TAMPER-PROOF HARDWARE

# MTS San Diego Trolley Sign Program



## Design Drawing

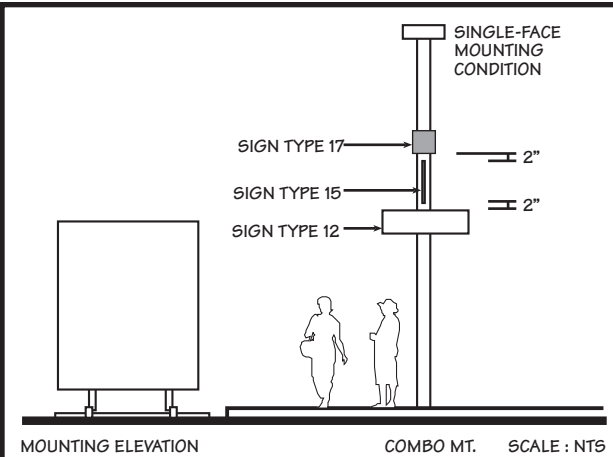
### Sign Type 16 Information Large

#### Revision

November 2011

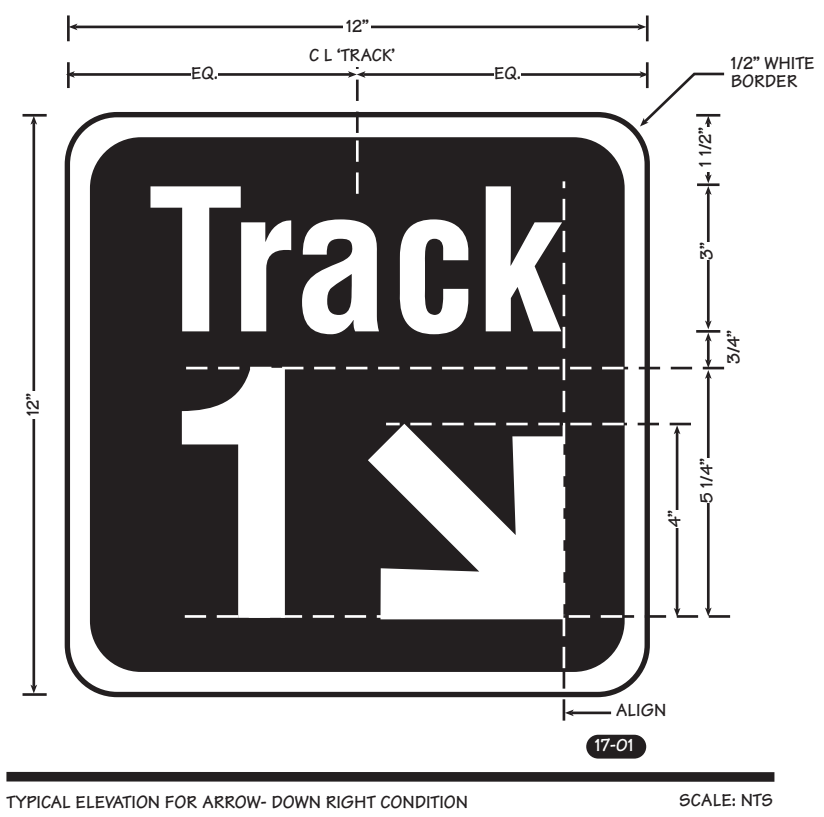
#### Sheet Number

# D-16



COPY LAYOUTS SCALE: NTS

<b>SIGN DESCRIPTION</b>
PANEL SIZE : 12" X 12"
SIGN HEIGHT : 128"-138" DEPENDING ON SIGN 12 HEIGHT IF BELOW
CORNER RADIUS : 1/2"
MOUNTING : USE TAMPER PROOF FASTENERS TO ATTACH PANEL TO POST
MATERIAL : 1/8" ALUMINUM PANEL - GALVANIZED METAL OR ALUMINUM POST
COPY : REFLECTIVE COPY
COPY CONDENSED TO 85% FOR FIT.
COPY CENTERED VERTICALLY AND HORIZONTALLY WITHIN PLAQUE.
COLORS: BLACK BACKGROUND WITH WHITE COPY AND ARROW
SIGN IS SINGLE-SIDED
NOTES : ISOLATE PANEL FROM POST TO PREVENT ELECTROLYSIS/ CORROSION
FIELD VERIFY ARROW DIRECTION



TYPICAL ELEVATION FOR ARROW- DOWN RIGHT CONDITION SCALE: NTS

# MTS San Diego Trolley Sign Program



## Design Drawing

### Sign Type 17 Information Small

<b>Revision</b>
November 2011

Sheet Number  
**D-17**

# MTS San Diego Trolley Sign Program



Design Drawing

Sign Type 17  
Information  
Small

Revision  
November 2011

Sheet Number  
**D-17.1**



COPY LAYOUTS

SCALE: NTS

**SIGN DESCRIPTION**

PANEL SIZE : 12" X 12"

SIGN HEIGHT :

CORNER RADIUS : 3/8"

MOUNTING : USE TAMPER PROOF  
FASTENERS TO ATTACH PANEL TO  
POST

MATERIAL : 1/8" ALUMINUM PANEL -  
GALVANIZED METAL OR ALUMINUM  
POST

COPY : NON-REFLECTIVE

COPY CENTERED VERTICALLY AND  
HORIZONTALLY WITHIN PLAQUE.

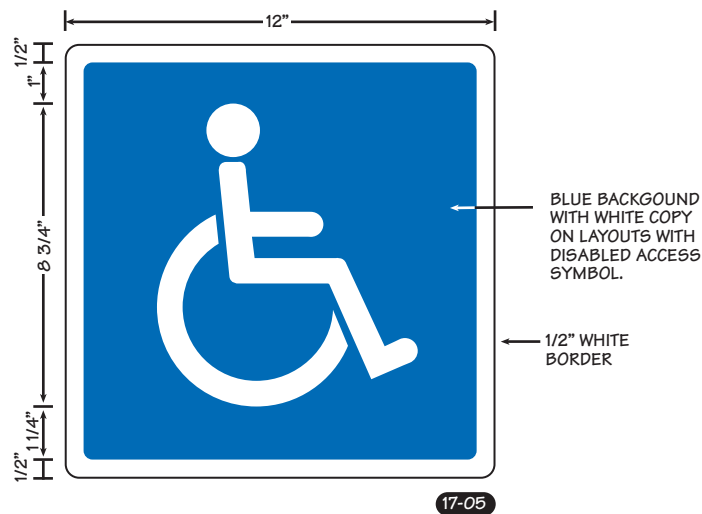
COLORS: DISABLED BLUE  
BACKGROUND WITH WHITE SYMBOL  
AND ARROW

SIGN IS SINGLE-SIDED

**NOTES:**

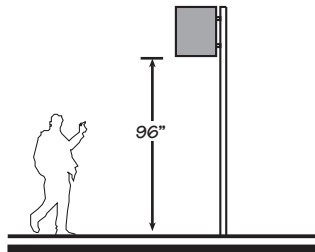
ISOLATE PANEL FROM POST  
TO PREVENT ELECTROLYSIS/  
CORROSION

FIELD VERIFY FOR ARROW DIRECTION

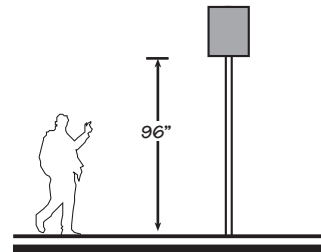


FRONT ELEVATION

SCALE: NTS



MOUNTING ELEVATION - FLAG MOUNT  
SCALE: NTS



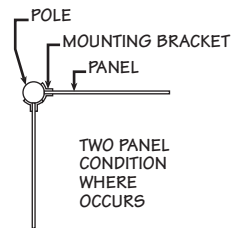
MOUNTING ELEVATION - CENTER MOUNT



FLAG MOUNT SIGN -  
DOUBLE FACED WITH HOLES  
ALONG EDGE AND ADDED  
1/2" WHITE BORDER  
(TOTAL 1" ONE SIDE, 1/2" 4- SIDES)



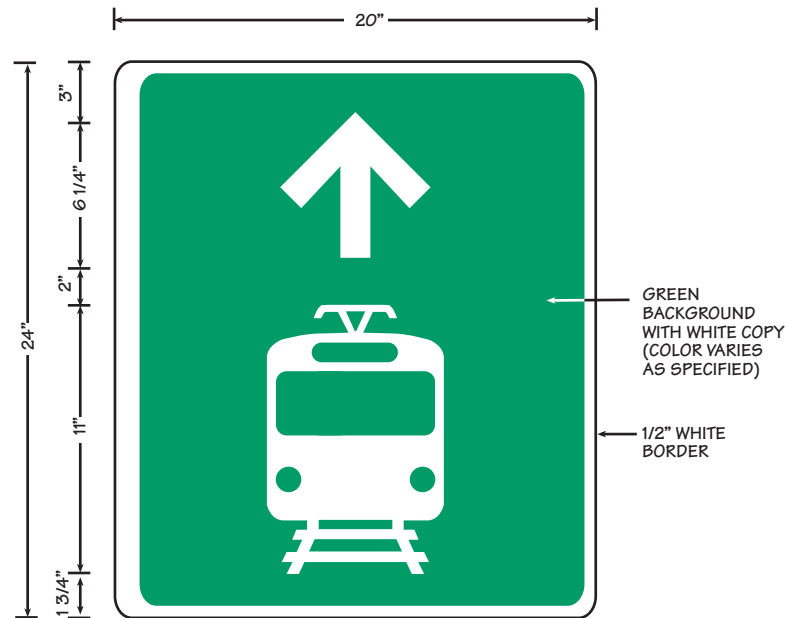
FLUSH MOUNT SIGN -  
SINGLE SIDED WITH  
CENTER HOLES AND  
1/2" BORDER 4-SIDES



TWO PANEL  
PLAN VIEW  
SCALE: NTS



TWO PANEL  
CONDITION  
SCALE: 3/4" = 1' - 0"



18-01

FRONT ELEVATION

SCALE: NTS

**SIGN DESCRIPTION**

PANEL SIZE : 20" X 24"

SIGN HEIGHT : 96" TO BOTTOM OF  
SIGN

CORNER RADIUS : 3/8"

MOUNTING : FLAG OR FLUSH

MATERIAL : 1/8" ALUMINUM

COPY : NON-REFLECTIVE

COLORS : BLACK, BLUE OR GREEN  
AS SHOWN WITH WHITE COPY

FLAG MOUNTED SIGN  
DOUBLE-SIDED

FLUSH MOUNTED SIGN  
SINGLE-SIDED

ILLUMINATION : NO

**NOTES :**

FIELD VERIFY CONDITIONS TO  
DETERMINE MOUNTING CONDITIONS  
AND ARROW DIRECTION

# MTS San Diego Trolley Sign Program



## Design Drawing

### Sign Type 18 Pedestrian Trailblazer

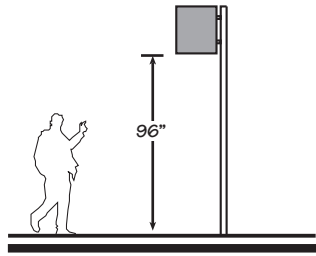
**Revision**

November 2011

**Sheet Number**

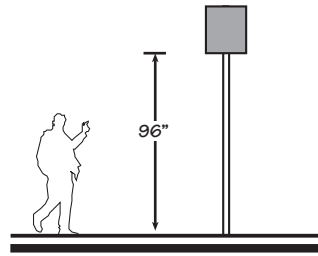
# D-18





MOUNTING ELEVATION - FLAG MOUNT

SCALE: NTS



MOUNTING ELEVATION - FLUSH MOUNT

SCALE: NTS



FLAG MOUNT SIGN -  
DOUBLE FACED WITH HOLES  
ALONG EDGE AND ADDED  
1/2" WHITE BORDER  
(TOTAL 1" ONE SIDE, 1/2" 3- SIDES)



FLUSH MOUNT SIGN -  
SINGLE SIDED WITH  
CENTER HOLES AND  
1/2" BORDER 4-SIDES



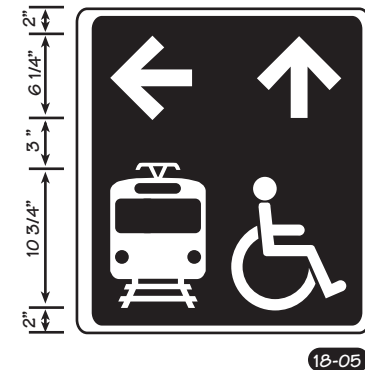
18-02



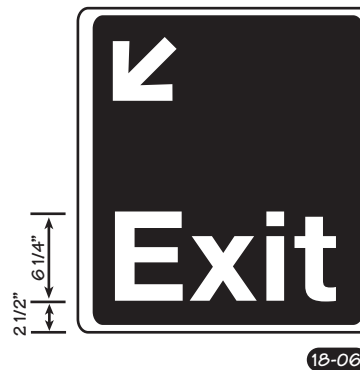
18-03



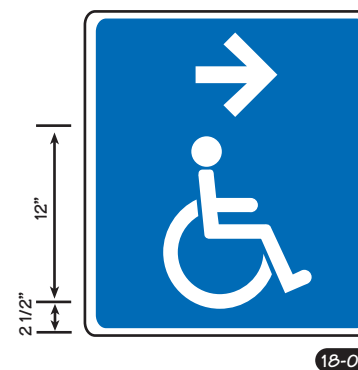
18-04



18-05



18-06



18-07

COPY LAYOUTS (SHOWN HERE IN FLAG MOUNTED FORMAT)

SCALE: NTS

**SIGN DESCRIPTION**

PANEL SIZE : 20" X 24"

SIGN HEIGHT : 96" TO BOTTOM OF  
SIGN

CORNER RADIUS : 3/8"

MOUNTING : FLAG OR FLUSH

MATERIAL : 1/8" ALUMINUM

COPY : NON-REFLECTIVE

COLORS : BLACK, BLUE OR GREEN  
AS INDICATED WITH WHITE COPY

FLAG MOUNTED SIGN  
DOUBLE-SIDED

FLUSH MOUNTED SIGN  
SINGLE-SIDED

ILLUMINATION : NO

**NOTES :**

FIELD VERIFY CONDITIONS TO  
DETERMINE MOUNTING CONDITIONS.

FOR FLAG MOUNTED SIGNS,  
CENTER TEXT/SYMBOLS BASED ON  
ADDITIONAL 1/2" MARGIN.

FLUSH MOUNTED SIGNS,  
CENTER COPY ON PLAQUE.

FLAG MOUNTED SIGNS  
FIELD VERIFY FOR SPECIFIC  
PLACEMENT TO DETERMINE  
TEXT AND ARROW DIRECTION

# MTS San Diego Trolley Sign Program



Design Drawing

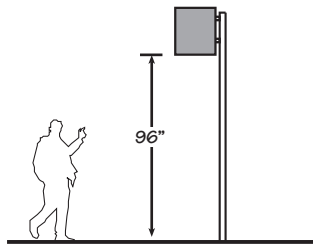
Sign Type 18  
Pedestrian  
Trailblazer

**Revision**

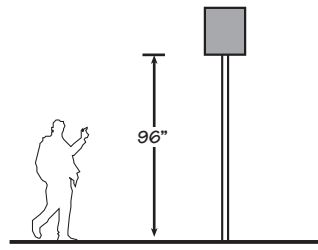
November 2011

Sheet Number

# D-18.1



MOUNTING ELEVATION - FLAG MOUNT  
SCALE: NTS



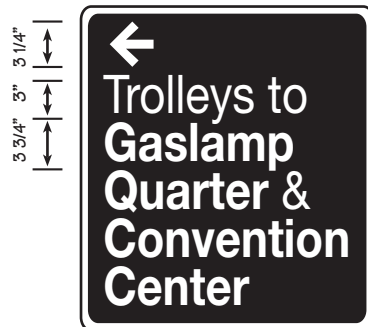
MOUNTING ELEVATION - FLUSH MOUNT  
SCALE: NTS



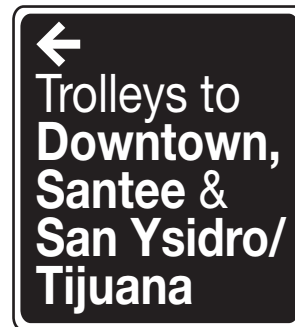
FLAG MOUNT SIGN -  
DOUBLE FACED WITH HOLES  
ALONG EDGE AND ADDED  
1/2" WHITE BORDER  
(TOTAL 1" ONE SIDE, 1/2" 3- SIDES)



FLUSH MOUNT SIGN -  
SINGLE SIDED WITH  
CENTER HOLES AND  
1/2" BORDER 4-SIDES



18-08



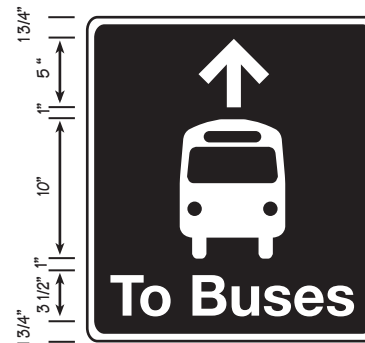
18-09



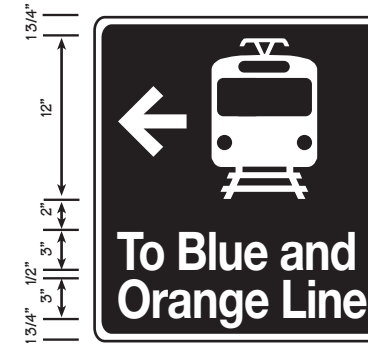
18-10



18-11



18-12



18-13

COPY LAYOUTS (FLUSH MOUNTED APPLICATION SHOWN HERE)

SCALE: NTS

**SIGN DESCRIPTION**

PANEL SIZE : 20" X 24"

SIGN HEIGHT : 96" TO BOTTOM OF SIGN

CORNER RADIUS : 3/8"

MOUNTING : FLAG OR FLUSH

MATERIAL : 1/8" ALUMINUM

COPY : NON-REFLECTIVE

COLORS : BLACK WITH WHITE COPY

FLAG MOUNTED SIGN  
DOUBLE-SIDED

FLUSH MOUNTED SIGN  
SINGLE-SIDED

ILLUMINATION : NO

**NOTES :**

FOR FLAG MOUNTED SIGNS,  
CENTER TEXT/SYMBOLS BASED ON  
ADDITIONAL 1/2" MARGIN.

FIELD VERIFY CONDITIONS TO  
DETERMINE MOUNTING CONDITIONS.

FIELD VERIFY FOR SPECIFIC  
PLACEMENT TO DETERMINE  
TEXT AND ARROW DIRECTION

# MTS San Diego Trolley Sign Program



Design Drawing

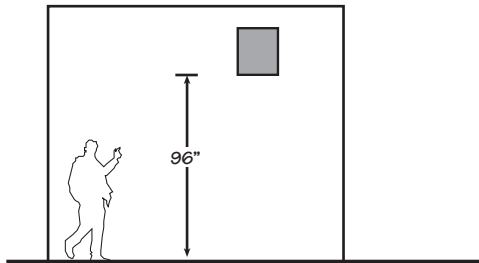
Sign Type 18  
Pedestrian  
Trailblazer

Revision

November 2011

Sheet Number

# D-18.2



MOUNTING ELEVATION - FLUSH MOUNT SCALE: NT5

**SIGN DESCRIPTION**

- PANEL SIZE : 20" X 24"
- SIGN HEIGHT : 96" TO BOTTOM OF SIGN
- CORNER RADIUS : 3/8"
- MOUNTING : WALL
- MATERIAL : 1/8" ALUMINUM
- COPY : NON-REFLECTIVE
- COLORS : BLACK WITH WHITE COPY  
SIGN IS SINGLE SIDED
- ILLUMINATION : NO

**NOTES :**

FIELD VERIFY CONDITIONS TO DETERMINE MOUNTING CONDITIONS.



COPY LAYOUT

SCALE: NT5

**MTS  
San Diego  
Trolley  
Sign  
Program**



**Design Drawing**

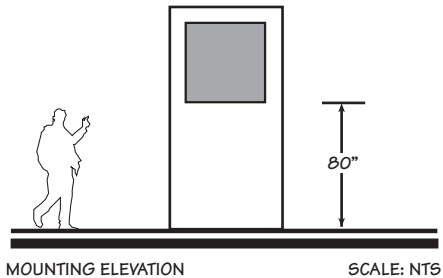
**Sign Type 18  
Pedestrian  
Information  
Sign**

**Revision**

November 2011

**Sheet Number**

**D-18.3**



COPY LAYOUTS (SHOWN HERE FOR FLUSH MOUNTED APPLICATION) SCALE: NT5

<b>SIGN DESCRIPTION</b>
PANEL SIZE : 34" X 34"
SIGN HEIGHT : BASED ON NEED-STATION SPECIFIC
CORNER RADIUS : 3/8"
MOUNTING : FLUSH
MATERIAL : 1/8" ALUMINUM
COPY : NON-REFLECTIVE
COLORS : BLACK WITH WHITE COPY SIGN IS SINGLE-SIDED
ILLUMINATION : NO
NOTES :
FIELD VERIFY CONDITIONS TO DETERMINE MOUNTING CONDITIONS.

# MTS San Diego Trolley Sign Program



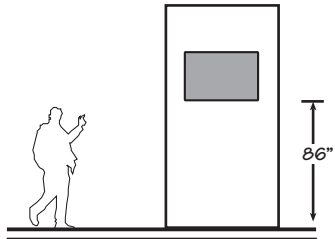
Design Drawing

Sign Type 18  
Pedestrian  
Trailblazer

Location:  
12th & Imperial

Revision
November 2011

Sheet Number  
**D-18.4**



MOUNTING ELEVATION - FLUSH MOUNT

SCALE: NTS



18-18



18-19

COPY LAYOUTS

NOTE: FIELD VERIFY SIZE

SCALE: NTS

**SIGN DESCRIPTION**

PANEL SIZE : 48 X 32

SIGN HEIGHT : BASED ON NEED,  
STATION SPECIFIC

CORNER RADIUS : 3/8"

MOUNTING : FLUSH

MATERIAL : 1/8" ALUMINUM

COPY : NON-REFLECTIVE

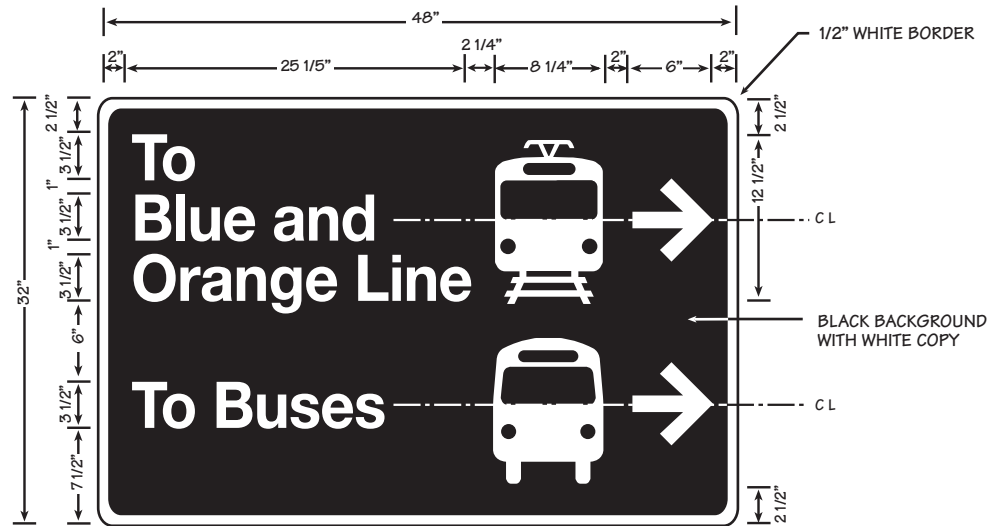
COLORS : BLACK WITH WHITE COPY  
SIGN IS SINGLE-SIDED

ILLUMINATION : NO

**NOTES :**

FIELD VERIFY CONDITIONS TO  
DETERMINE MOUNTING CONDITIONS.

SANTA FE DEPOT - CONFIRM SIZE  
BASED ON SIGN LOCATION



18-17

FRONT ELEVATION

SCALE: NTS

# MTS San Diego Trolley Sign Program



## Design Drawing

### Sign Type 18 Pedestrian Trailblazer

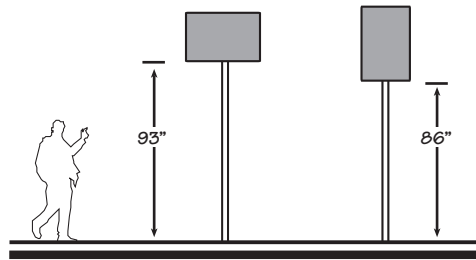
*Location:  
12th & Imperial  
and  
Santa Fe Depot*

**Revision**

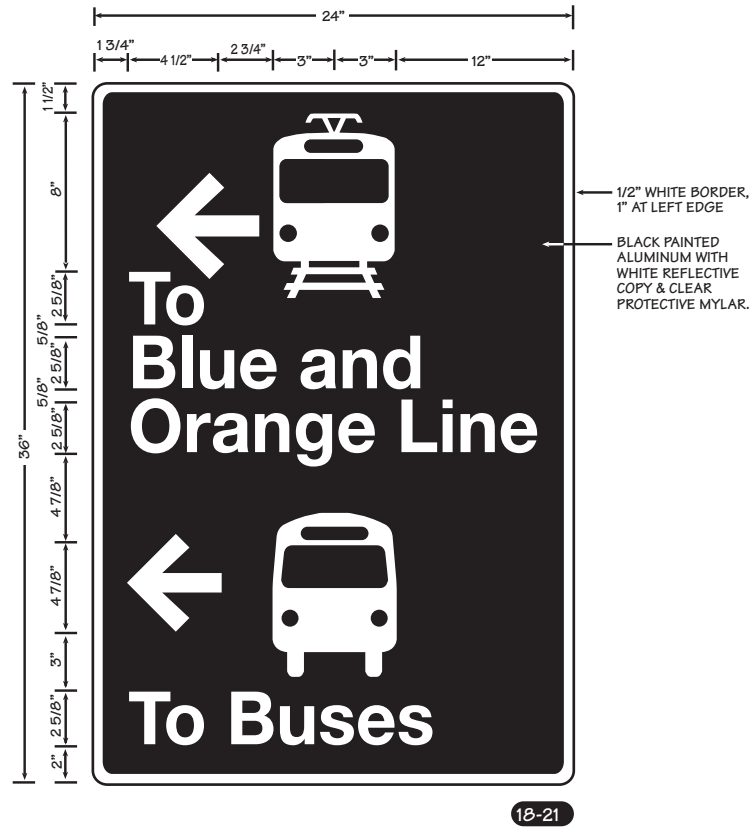
November 2011

Sheet Number

# D-18.5



MOUNTING ELEVATION - FLAG MOUNT  
SCALE: NTS



# MTS San Diego Trolley Sign Program



Design Drawing

Sign Type 18  
Pedestrian  
Trailblazer

Location:  
12th & Imperial

Revision  
November 2011

Sheet Number  
**D-18.6**



COPY LAYOUTS

SCALE: NTS

### SIGN DESCRIPTION

PANEL SIZE : MISC.

SIGN HEIGHT : Based on need-  
station specific

CORNER RADIUS : 3/8"

MOUNTING : FLUSH

MATERIAL : 1/8" ALUMINUM

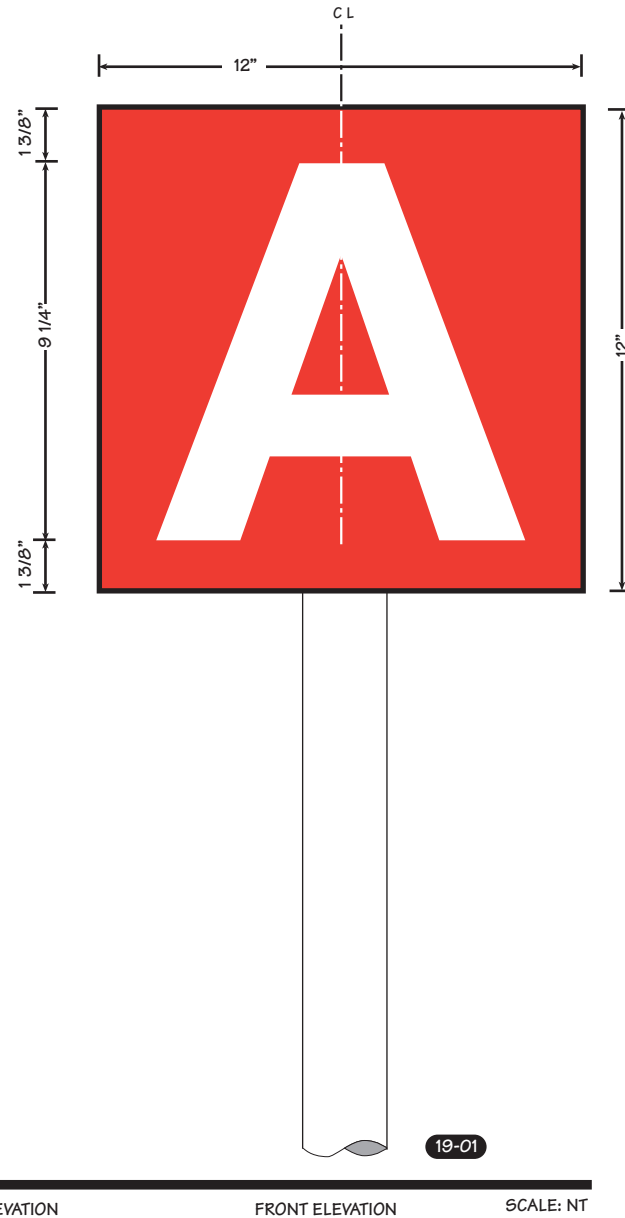
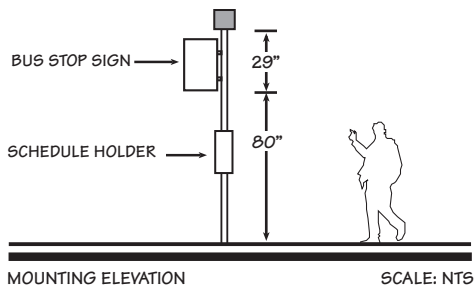
COPY : NON-REFLECTIVE

COLORS : BLACK WITH WHITE COPY  
SIGN IS SINGLE-SIDED

ILLUMINATION : NO

### NOTES :

FIELD VERIFY CONDITIONS TO  
DETERMINE MOUNTING CONDITIONS.



FRONT ELEVATION FRONT ELEVATION SCALE: NT

<b>SIGN DESCRIPTION</b>
CUBE SIZE : 12" X 12" SQUARE
CUBE HEIGHT : 96" TO BOTTOM OF SIGN
CORNER RADIUS : NO
MOUNTING : ON TOP POLE
MATERIAL : APPROPRIATE METAL CONSTRUCTION FOR PORCELAIN ENAMEL APPLICATION
COPY : NON-REFLECTIVE
COLORS : PORCELAIN ENAMEL RED BACKGROUND WITH PORCELAIN ENAMEL WHITE COPY
NOTES :
MATCH CONSTRUCTION TECHNIQUE AND INSTALL OF OLD TOWN CUBES - CONFIRM WITH MTS
SAME ART ON FOUR SIDES OF CUBE
VERIFY CONDITIONS TO DETERMINE MOUNTING CONDITIONS.

# MTS San Diego Trolley Sign Program

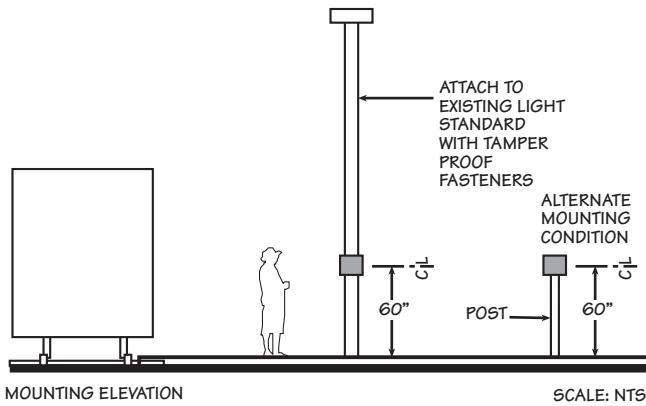


## Design Drawing

### Sign Type 19 Bus Bay Cube

Revision  
November 2011

Sheet Number  
**D-19**



NOTE: MOUNTING MUST BE VANDAL RESISTANT.

# MTS San Diego Trolley Sign Program

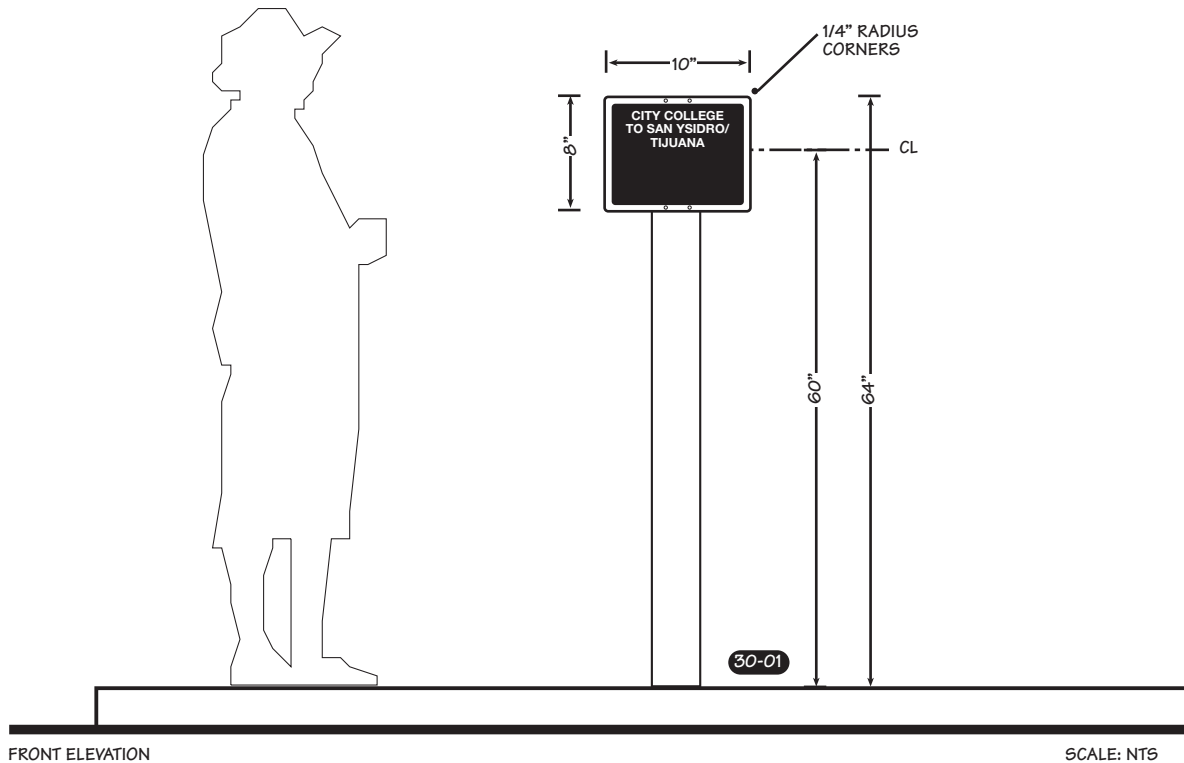


## Design Drawing

### Sign Type 30 ADA Platform

SIGN POST DESCRIPTION
POST SIZE : 4" X 4" X 1/8"
SIGN POST HEIGHT : 65"
SPECIAL: WELDED CAP
MOUNTING : USE TAMPER PROOF FASTNERS TO ATTACH BRAILLE SIGN TO POST
MATERIAL : 1/8" COATED STEAL
COLORS: NATURAL FINISH. COATED STEEL WITH RUST PROOFING
SIGN IS SINGLE-SIDED

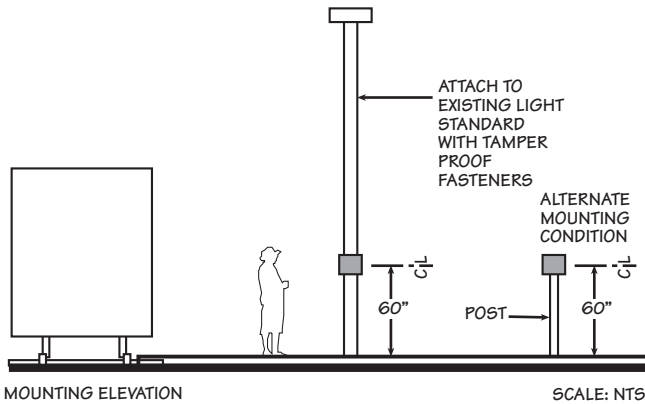
NOTES:  
 DUE TO THE NATURE OF THE SIGN ATTACHED TO THE POST FINISH MUST BE SMOOTH AND FREE OF ANY SPOTS OR ABRASIONS THAT MAY INJURY BRAILLE READER



Revision
November 2011

Sheet Number  
**D-30**



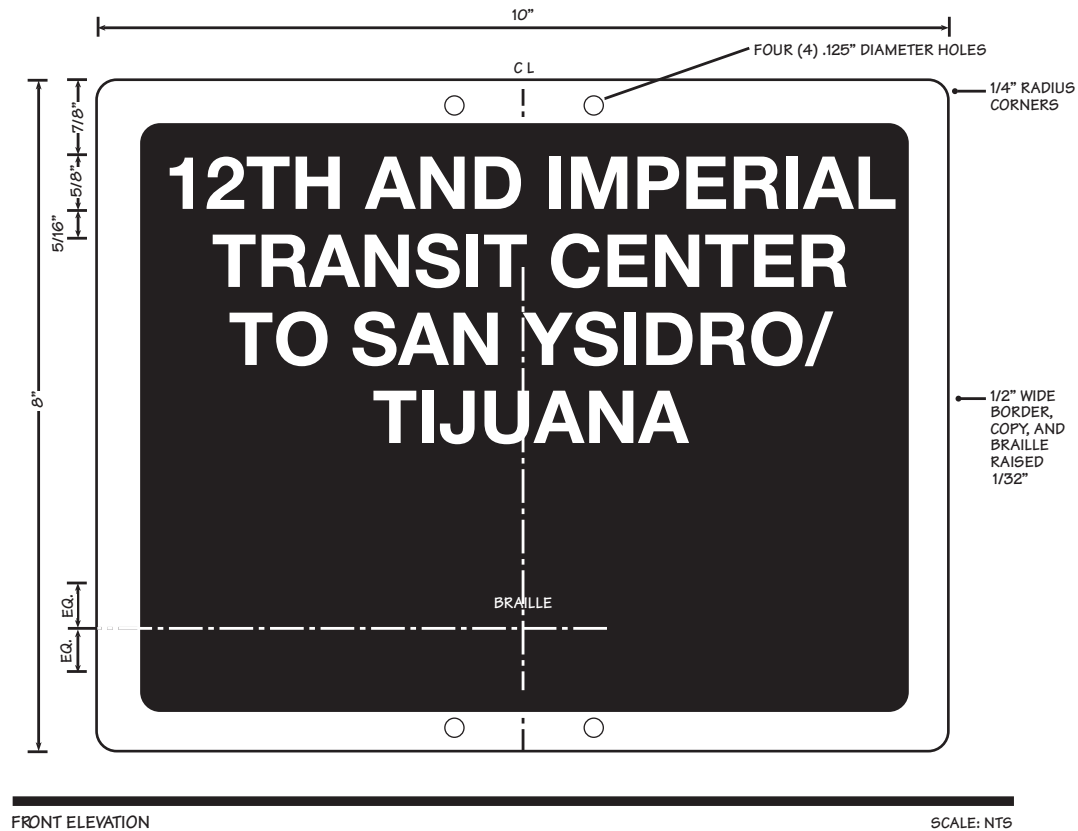


NOTE: MOUNTING MUST BE VANDAL RESISTANT.

# MTS San Diego Trolley Sign Program



<b>SIGN DESCRIPTION</b>
PANEL SIZE : 8" X 10"
SIGN HEIGHT : 60" TO CENTER OF SIGN
CORNER RADIUS : 1/4"
MOUNTING : USE TAMPER-PROOF FASTENERS TO ATTACH PANEL TO POST OR LIGHT STANDARD
MATERIAL : 1/8" ETCHED ZINC
COPY : TACTILE & BRAILLE AS REQUIRED BY ADA
CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED.
DOTS SHALL BE 1/10 INCH ON CENTERS IN EACH CELL WITH 2/10 INCH SPACE BETWEEN CELLS.
DOTS SHALL BE RAISED A MINIMUM OF 1/32 INCH ABOVE BACKGROUND.
COLORS: BLACK BACKGROUND WHITE 5/8" CAP HEIGHT COPY
SIGN IS SINGLE-SIDED
NOTES : SIGN CONTRACTOR TO PROVIDE POST IF LIGHT STANDARD DOES NOT EXIST. BRAILLE TRANSLATION SHALL BE PROVIDED BY SIGN FABRICATOR.



## Design Drawing

### Sign Type 30 ADA Platform Plaque

#### Revision

November 2011

#### Sheet Number

# D-30.1

# MTS San Diego Trolley Sign Program



## Design Drawing

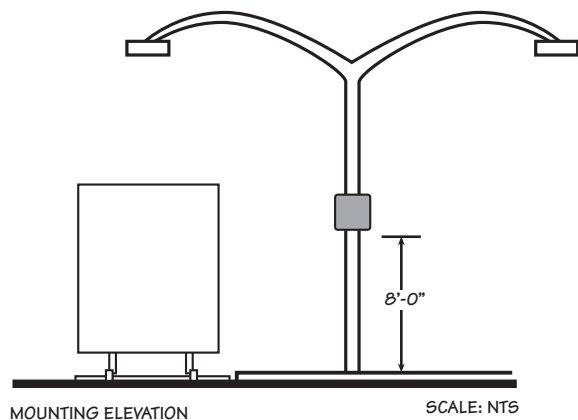
### Sign Type 40 Right of Way Speed Limit

#### Revision

November 2011

Sheet Number

# D-40



#### SIGN DESCRIPTION

PANEL SIZE : 18" X 18"

SIGN HEIGHT : 8'-0" TO BOTTOM OF SIGN

CORNER RADIUS : 3/8"

MOUNTING : USE TAMPER-PROOF FASTENERS & STRAPS AS REQ'D TO ATTACH SIGN PANEL TO CANTENARY POLES

MATERIAL : 1/8" ALUMINUM

COPY : ON REFLECTIVE WHITE SHEETING

COLORS : WHITE BACKGROUND WITH BLACK COPY

1/4" THICK BORDER LOCATED 1/4" FROM SIGN EDGE

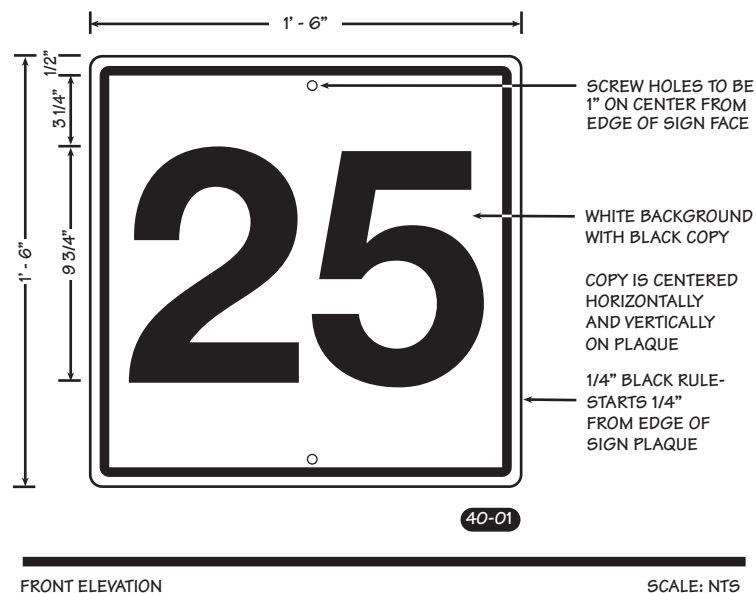
SIGN IS SINGLE-SIDED

#### NOTES :

FIELD VERIFY ALL CONDITIONS

CENTER COPY HORIZONTALLY AND VERTICALLY ON PLAQUE

REFER TO SPECIFICATIONS FOR MOUNTING



SCREW HOLES TO BE 1" ON CENTER FROM EDGE OF SIGN FACE

WHITE BACKGROUND WITH BLACK COPY

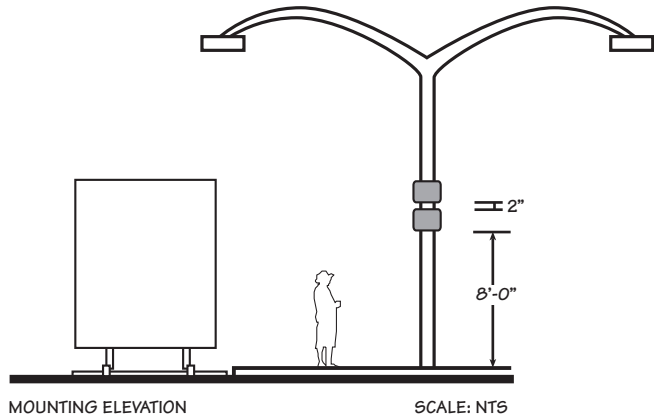
COPY IS CENTERED HORIZONTALLY AND VERTICALLY ON PLAQUE

1/4" BLACK RULE-STARTS 1/4" FROM EDGE OF SIGN PLAQUE

40-01

FRONT ELEVATION

SCALE: NTS



41-02

COPY LAYOUTS

SCALE: NTS

**SIGN DESCRIPTION**

PANEL SIZE : 12" X 16"

SIGN HEIGHT : 8'-0" TO BOTTOM OF SIGN

CORNER RADIUS : 3/8"

MOUNTING : USE TAMPER-PROOF FASTENERS & STRAPS AS REQ'D TO ATTACH SIGN PANEL TO CANTENARY POLES

MATERIAL : 1/8" ALUMINUM

COPY : REFLECTIVE

COLORS : WHITE BACKGROUND WITH BLACK COPY

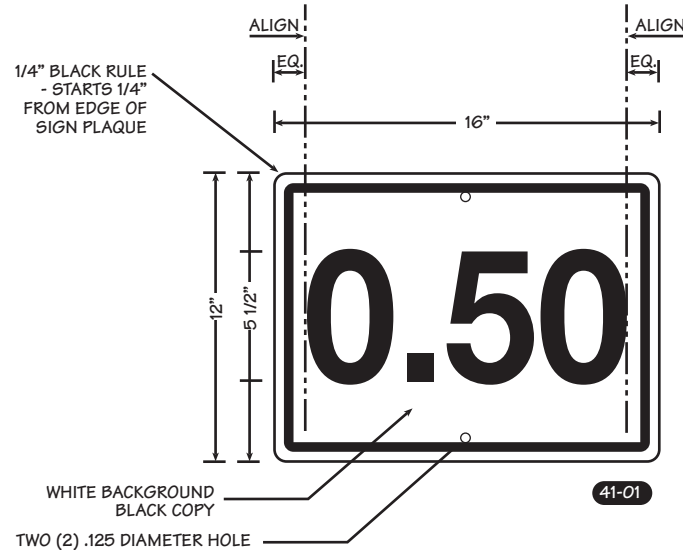
SIGN IS SINGLE-SIDED

**NOTES :**

FIELD VERIFY ALL CONDITIONS

CENTER COPY HORIZONTALLY AND VERTICALLY ON PLAQUE

REFER TO SPECIFICATIONS FOR MOUNTING



41-01

FRONT ELEVATION

SCALE: NTS

**MTS  
San Diego  
Trolley  
Sign  
Program**



**Design Drawing**

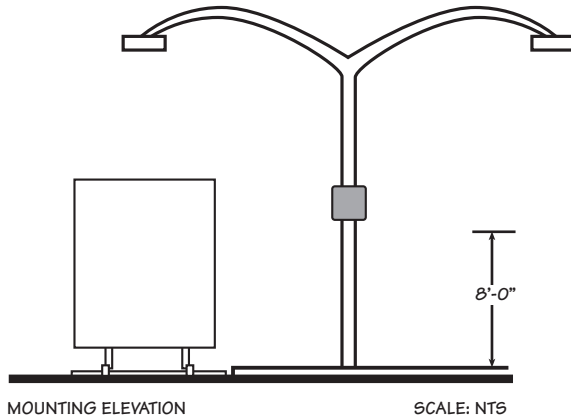
**Sign Type 41  
Right of Way  
Operator  
Information**

**Revision**

November 2011

**Sheet Number**

**D-41**



42-02

COPY LAYOUT

SCALE: NTS

**SIGN DESCRIPTION**

PANEL SIZE : 18" X 18"

SIGN HEIGHT : 8'-0" TO BOTTOM OF SIGN

CORNER RADIUS : 3/8"

MOUNTING : USE TAMPER-PROOF FASTENERS & STRAPS AS REQ'D TO ATTACH SIGN PANEL TO CANTENARY POLES

MATERIAL : 1/8" ALUMINUM

COPY : REFLECTIVE

1/4" THICK BORDER LOCATED 1/4" FROM SIGN EDGE

COPY IS CENTERED HORIZONTALLY AND VERTICALLY ON PLAQUE

COLORS : WHITE BACKGROUND WITH BLACK COPY

SIGN IS SINGLE-SIDED

**NOTES :**

FIELD VERIFY ALL CONDITIONS

CENTER COPY HORIZONTALLY AND VERTICALLY ON PLAQUE

REFER TO SPECIFICATIONS FOR MOUNTING

1/4" BLACK RULE - STARTS 1/4" FROM EDGE OF SIGN PLAQUE



42-01

WHITE BACKGROUND  
BLACK COPY

TWO (2) .125 DIAMETER HOLE

FRONT ELEVATION

SCALE: NTS

**MTS  
San Diego  
Trolley  
Sign  
Program**



**Design Drawing**

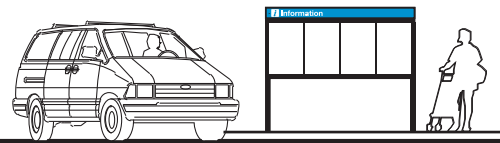
**Sign Type 42  
Right of Way  
Identification**

**Revision**

November 2011

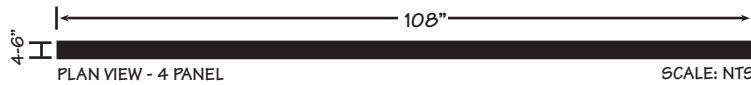
Sheet Number

**D-42**



MOUNTING ELEVATION

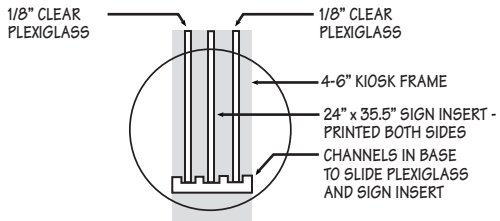
SCALE: NTS



PLAN VIEW - 4 PANEL

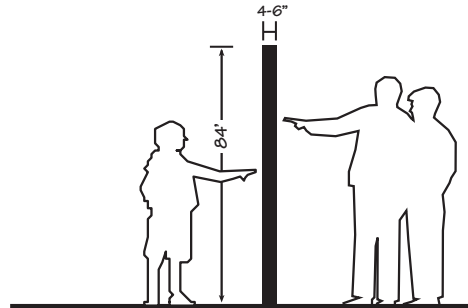
SCALE: NTS

NOTE:  
4-6" WIDTH RANGE BASED ON  
CONSTRUCTION DRAWINGS



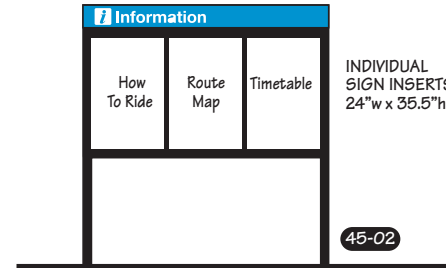
DETAIL

SCALE: NTS



SIDE ELEVATION

NOTE: READS BOTH SIDES

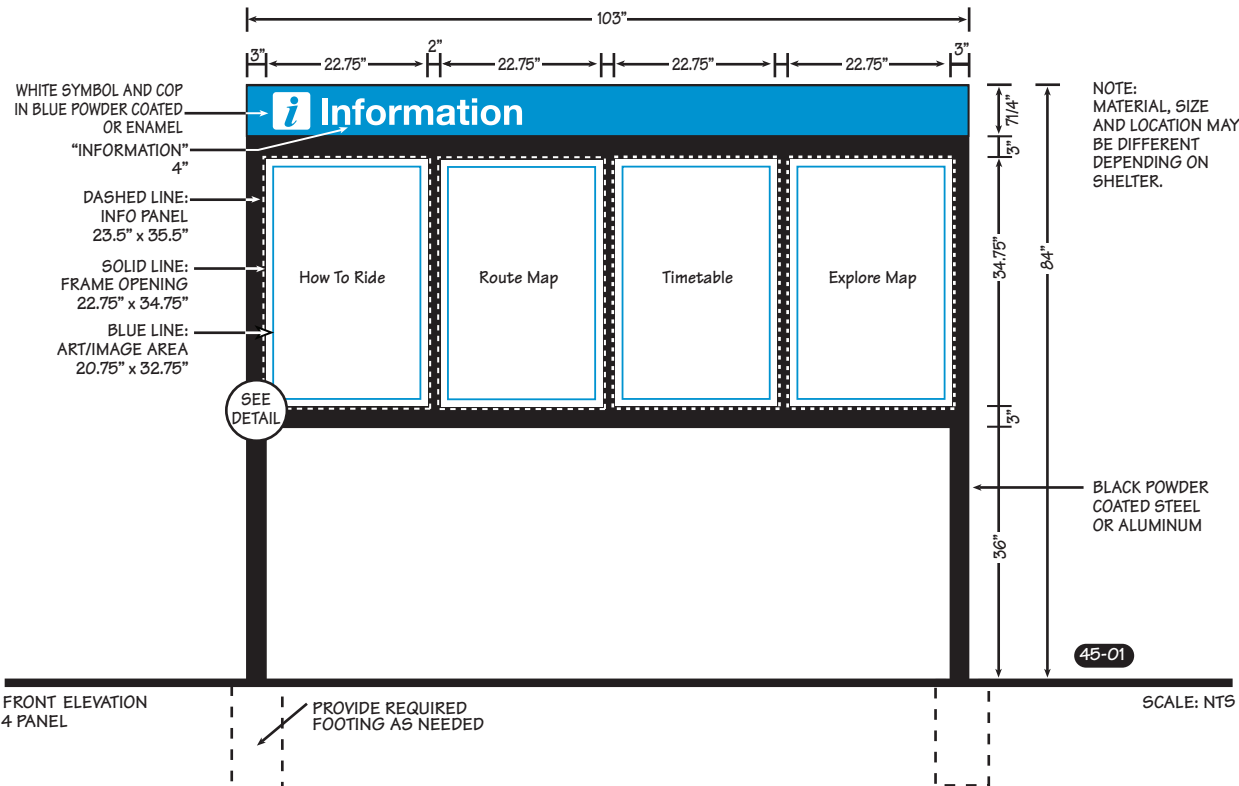


FRONT ELEVATION  
3 PANEL

SCALE: NTS

INDIVIDUAL  
SIGN INSERTS  
24" w x 35.5" h

45-02



- WHITE SYMBOL AND COP  
IN BLUE POWDER COATED  
OR ENAMEL
- "INFORMATION"  
4"
- DASHED LINE:  
INFO PANEL  
23.5" x 35.5"
- SOLID LINE:  
FRAME OPENING  
22.75" x 34.75"
- BLUE LINE:  
ART/IMAGE AREA  
20.75" x 32.75"

SEE  
DETAIL

NOTE:  
MATERIAL, SIZE  
AND LOCATION MAY  
BE DIFFERENT  
DEPENDING ON  
SHELTER.

BLACK POWDER  
COATED STEEL  
OR ALUMINUM

FRONT ELEVATION  
4 PANEL

PROVIDE REQUIRED  
FOOTING AS NEEDED

SCALE: NTS

45-01

**SIGN DESCRIPTION**

KIOSK SIZE (4 PANEL): 108" X 84"

PANEL INSERT SIZE : 24" X 35.5"

MATERIAL : KIOSK FABRICATED TO  
MATCH EXISTING

COLOR: FRAME ; BLACK POWDER  
STEEL OR ALUMINIUM COATED

INSERTS ARE TWO SIDED, SAME ART  
BOTH SIDES. BOTH SIDES OF SIGN  
PROTECTED BY 1/8" CLEAR  
PLEXIGLASS

NOTES:  
ILLUMINATION : NON-ILLUMINATED  
KIOSK TO BE MOUNTED IN  
CONCRETE FOOTINGS.  
SEE DETAIL IN SPECIFICATIONS.

KIOSK WILL BE INSTALLED  
NEAR FARE MACHINES

SIGN CONTRACTOR TO FIELD VERIFY  
MOUNTING CONDITIONS.

REFER TO SPECIFICATIONS FOR  
ADDITIONAL NOTES

CONSTRUCTION DRAWINGS NEEDED

# MTS San Diego Trolley Sign Program



## Design Drawing

### Sign Type 45 Information Kiosk

**Revision**

November 2011

Sheet Number

# D-45

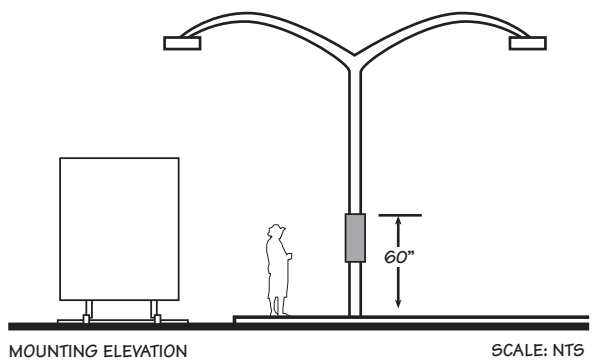
# MTS San Diego Trolley Sign Program



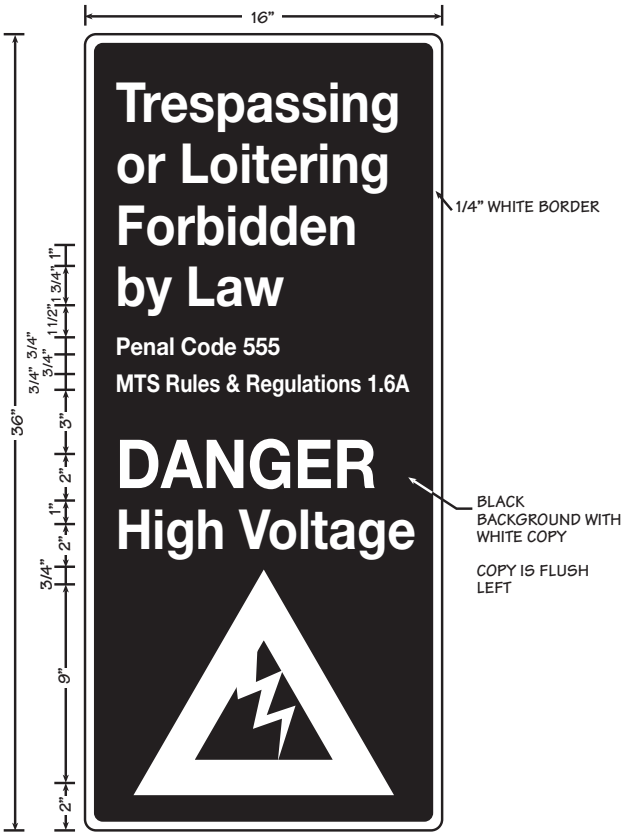
## Design Drawing Sign Type 50 No Trespassing

Revision
November 2011

Sheet Number  
**D-50**

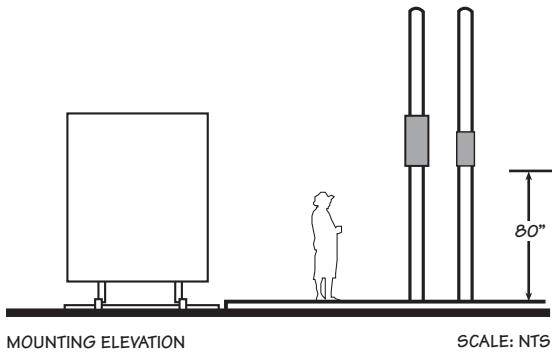


<b>SIGN DESCRIPTION</b>
PANEL SIZE : 16" X 36"
SIGN HEIGHT : 60" T O CENTER OF SIGN
CORNER RADIUS : 3/8"
MOUNTING : USE TAMPER-PROOF FASTENERS & STRAPS AS REQ'D TO FASTEN SIGN PANEL TO POST OR TO MEET STANDARD
MATERIAL : 1/8" ALUMINUM
COPY : WHITE REFLECTIVE
COLORS : WHITE COPY ON BLACK BACKGROUND
SIGN IS SINGLE-SIDED
ILLUMINATION : NONE
NOTES : FIELD VERIFY ALL CONDITIONS

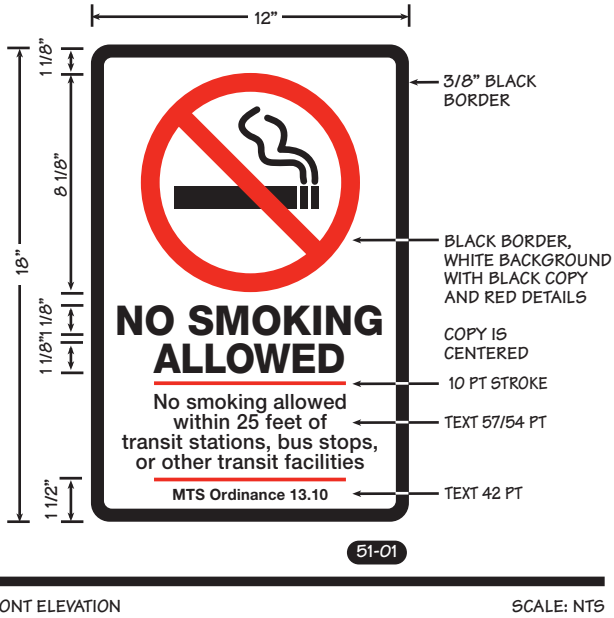


50-01

50-02



SIGN DESCRIPTION
PANEL SIZE : 12" X 18" AND 16" X 36"
SIGN HEIGHT : 80" FROM BOTTOM OF SIGN
CORNER RADIUS : 3/8"
MOUNTING : USE TAMPER-PROOF FASTENERS & STRAPS AS REQ'D TO ATTACH SIGN PANEL TO POST OR LIGHT STANDARD
MATERIAL : 1/8" ALUMINUM
COPY : MATTE OR REFLECTIVE AS INDICATED
COLOR : BLACK, BLUE, AND/OR RED AS INDICATED
SIGN IS SINGLE-SIDED
ILLUMINATION : NONE
NOTES : FIELD VERIFY ALL CONDITIONS



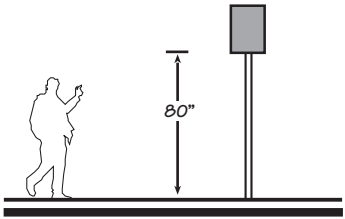
# MTS San Diego Trolley Sign Program



## Design Drawing Sign Type 51 Restrictive

Revision
November 2011

Sheet Number  
**D-51**



MOUNTING ELEVATION SCALE: NTS

<b>SIGN DESCRIPTION</b>
PANEL SIZE : 20" x 30"
SIGN HEIGHT : 80" FROM BOTTOM OF SIGN
CORNER RADIUS : 3/8"
MOUNTING : USE TAMPER-PROOF FASTENERS & STRAPS AS REQ'D TO ATTACH SIGN PANEL TO POST OR LIGHT STANDARD
MATERIAL : 1/8" ALUMINUM
COPY : MATTE OR REFLECTIVE AS INDICATED
COLOR : BLACK, BLUE, AND/OR RED AS INDICATED
SIGN IS SINGLE-SIDED
ILLUMINATION : NONE
NOTES : FIELD VERIFY ALL CONDITIONS



FRONT ELEVATION

SCALE: NTS

# MTS San Diego Trolley Sign Program



## Design Drawing

### Sign Type 51 Restrictive

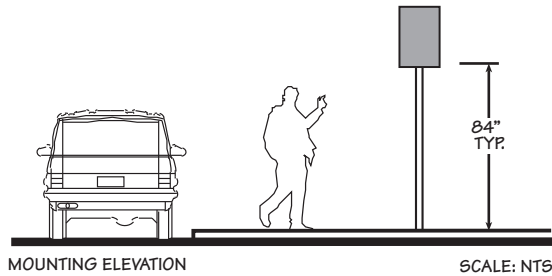
#### Revision

December 2011

#### Sheet Number

# D-51.1





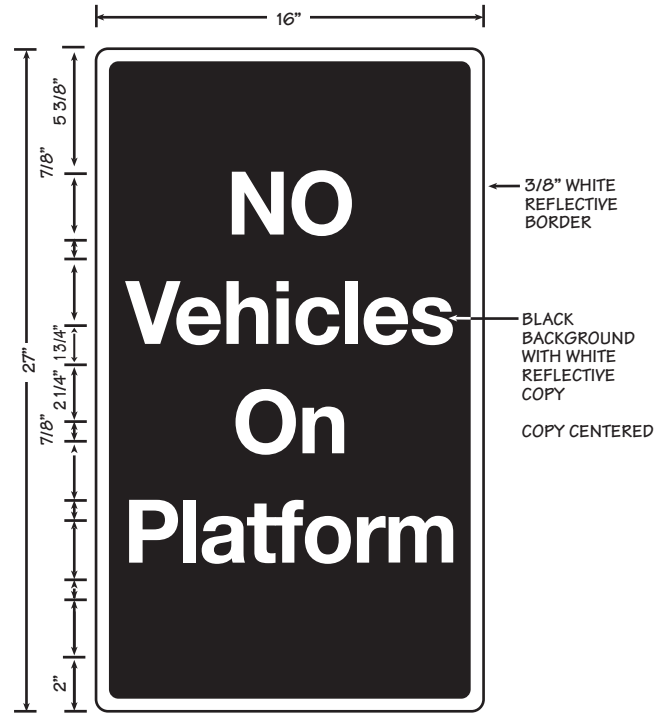
MOUNTING ELEVATION

SCALE: NTS

<b>SIGN DESCRIPTION</b>
PANEL SIZE : 16" X 24" AND 16" X 27"
SIGN HEIGHT : 84" TO BOTTOM OF SIGN
CORNER RADIUS : 3/8"
MOUNTING : USE TAMPER PROOF FASTENERS TO ATTACH PANEL TO POST
MATERIAL : 1/8" ALUMINUM PANEL - GALVANIZED METAL POST
COPY : MATTE OR REFLECTIVE AS INDICATED
COLOR : BLACK, BLUE, AND/OR RED AS INDICATED
SIGN IS SINGLE-SIDED
NOTES : FIELD VERIFY ALL CONDITIONS



FRONT ELEVATION



SCALE: NTS

# MTS San Diego Trolley Sign Program

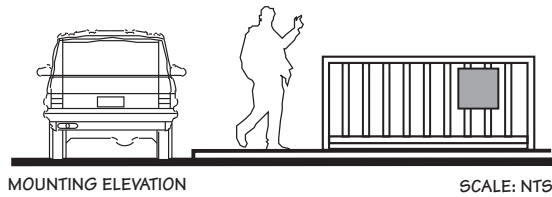


## Design Drawing

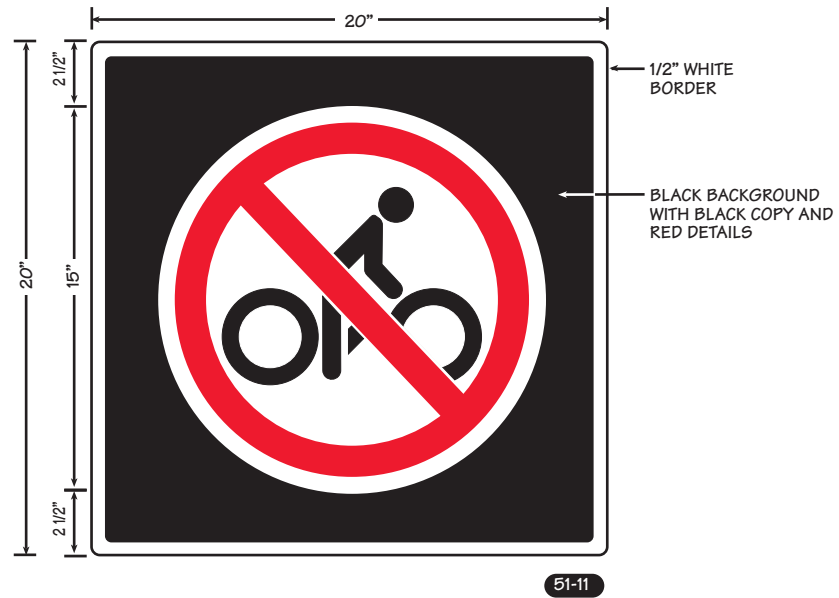
### Sign Type 51 Restrictive

<b>Revision</b>
December 2011

Sheet Number  
**D-51.2**



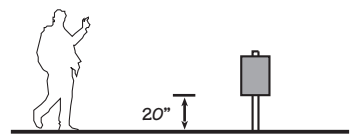
SIGN DESCRIPTION
PANEL SIZE : 20" X 20"
SIGN HEIGHT : AS NEEDED, ON STATION RAILS APPROX. 1" BELOW TOP RAIL- SEE MOUNTING ELEVATION
CORNER RADIUS : 3/8"
MOUNTING : USE TAMPER PROOF FASTENERS TO ATTACH PANEL TO POST
MATERIAL : 1/8" ALUMINUM PANEL - GALVANIZED METAL POST
COPY : MATTE
COLOR : BLAC AND RED AS INDICATED
SIGN IS SINGLE-SIDED
NOTES : FIELD VERIFY ALL CONDITIONS



**Sign Type 51  
Restrictive**

**Revision**  
December 2011

**Sheet Number**  
**D-51.3**



MOUNTING ELEVATION

SCALE: NTS

<b>SIGN DESCRIPTION</b>
PANEL SIZE : 16" x 24"
SIGN HEIGHT : 20" FROM BOTTOM OF SIGN
CORNER RADIUS : 3/8"
MOUNTING : USE TAMPER-PROOF FASTENERS & STRAPS AS REQ'D TO ATTACH SIGN PANEL TO POST OR LIGHT STANDARD
MATERIAL : 1/8" ALUMINUM
COPY : MATTE OR REFLECTIVE AS INDICATED
COLOR : BLACK AND RED AS INDICATED
SIGN IS SINGLE-SIDED
ILLUMINATION : NONE
NOTES : FIELD VERIFY ALL CONDITIONS



FRONT ELEVATION

SCALE: NTS

# MTS San Diego Trolley Sign Program



## Design Drawing

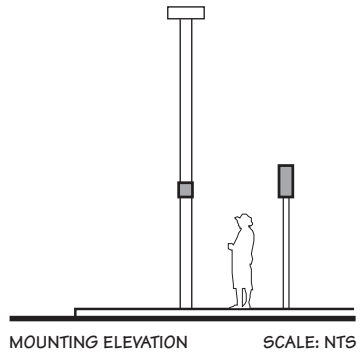
### Sign Type 51 Restrictive

#### Revision

December 2011

#### Sheet Number

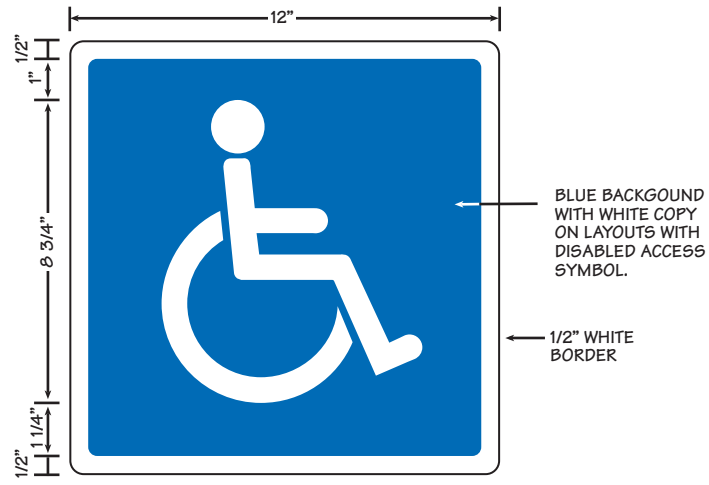
# D-51.4



54-02

COPY LAYOUTS

SCALE: NTS



54-01

FRONT ELEVATION

SCALE: NTS

# MTS San Diego Trolley Sign Program



## Design Drawing

### Sign Type 54 Accessible Small

#### Revision

November 2011

Sheet Number

# D-54

#### SIGN DESCRIPTION

PANEL SIZE : 12" X 12"

SIGN HEIGHT :

CORNER RADIUS : 3/8"

MOUNTING : USE TAMPER PROOF FASTENERS TO ATTACH PANEL TO POST

MATERIAL : 1/8" ALUMINUM PANEL - GALVANIZED METAL OR ALUMINUM POST

COPY : NON-REFLECTIVE

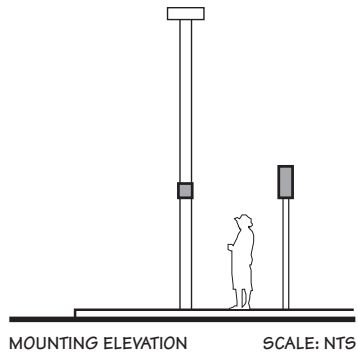
COPY CENTERED VERTICALLY AND HORIZONTALLY WITHIN PLAQUE.

COLORS: BLUE BACKGROUND WITH SYMBOL AND ARROW

SIGN IS SINGLE-SIDED

#### NOTES:

ISOLATE PANEL FROM POST TO PREVENT ELECTROLYSIS/ CORROSION.



54-04



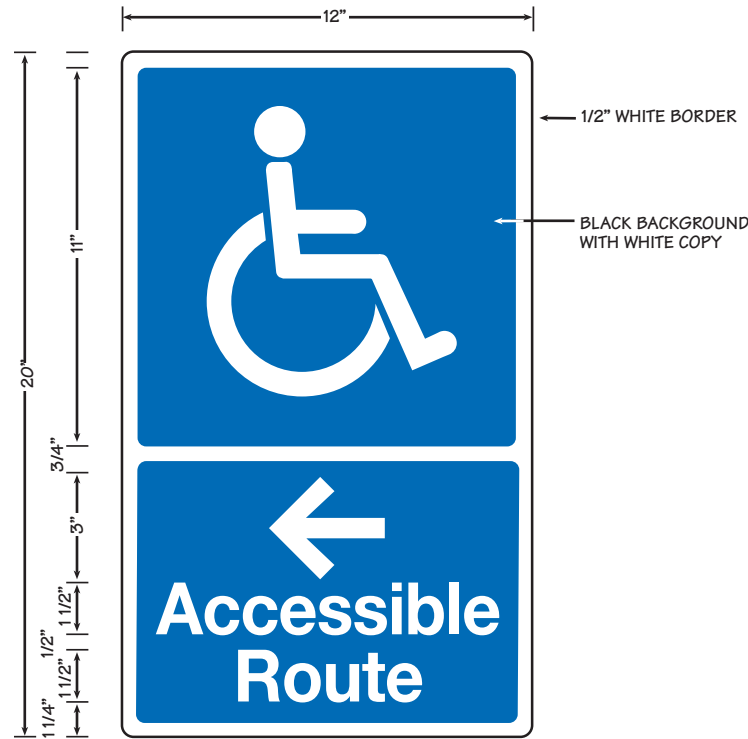
54-05



54-06

COPY LAYOUTS

SCALE: NTS



54-03

FRONT ELEVATION

SCALE: NTS

**SIGN DESCRIPTION**

PANEL SIZE : 12" X 20"

SIGN HEIGHT : VARIES WITH USAGE

CORNER RADIUS : 3/8"

MOUNTING : USE TAMPER PROOF FASTENERS TO ATTACH PANEL TO POST

MATERIAL : 1/8" ALUMINUM PANEL - GALVANIZED METAL OR ALUMINUM POST

COPY : NON-REFLECTIVE

COPY CENTERED VERTICALLY AND HORIZONTALLY WITHIN PLAQUE.

COLORS: BLUE BACKGROUND WITH SYMBOL AND ARROW

SIGN IS SINGLE-SIDED

**NOTES:**

ISOLATE PANEL FROM POST TO PREVENT ELECTROLYSIS/ CORROSION.

**MTS  
San Diego  
Trolley  
Sign  
Program**



**Design Drawing  
Design Drawing**

**Sign Type 154  
Accessible  
Large**

**Revision**

November 2011

Sheet Number

**D-54.1**

# Sign Descriptions



Sign Type Number	Description	Purpose	Location	Typical Quantity Per Station	<b>MTS San Diego Trolley Sign Program</b>	
D - 1	IDENTIFICATION PRIMARY SITE  FREE-STANDING PYLON	TO IDENTIFY STATION LOCATION AND INDICATE BASIC STATION SERVICES	AT PRIMARY STATION VEHICULAR ENTRANCE OR CENTRAL VISIBLE LOCATION IN PEDESTRIAN ORIENTED SITES	1		<b>Sign Description &amp; Usage Chart</b>
D - 2	IDENTIFICATION SECONDARY SITE  FREE-STANDING PYLON	TO IDENTIFY STATION LOCATION AND INDICATE BASIC STATION SERVICES	AT PEDESTRIAN-ORIENTED STATIONS OR LIMITED-SPACE AREAS	2		<b>Revision</b>
D - 3	VEHICULAR RESTRICTIVE LARGE  POST & PANEL	TO PROVIDE RESTRICTIVE INFORMATION & ACCESS IDENTIFICATION INFORMATION FOR VEHICULAR TRAFFIC	TO BE LOCATED AT VEHICULAR ENTRANCES TO SITE OR AT PEDESTRIAN EXITS	4		November 2011
D - 4	VEHICULAR RESTRICTIVE SMALL  POST & PANEL	TO IDENTIFY SPECIFIC PARKING AREAS	ONE SIGN LOCATED AT EACH APPROPRIATE PARKING SPACE	8	Sheet Number <b>SD-1</b>	

Sign Type Number	Description	Purpose	Location	Typical Quantity Per Station	<p><b>MTS San Diego Trolley Sign Program</b></p> <p><b>Sign Description &amp; Usage Chart</b></p>
D - 5	VEHICULAR DIRECTIONAL TRAILBLAZER  SIGN PANEL MOUNTED TO STREET 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	8	
D - 7	CLEARANCE BAR  PANEL SUSPENDED FROM CONCRETE STRUCTURE	TO PROVIDE VEHICLE-HEIGHT WARNING / RESTRICTIVE INFORMATION	AT RESTRICTIVE CLEARANCE PARKING AREAS	USED AT SPECIAL STATIONS ONLY	
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  SIGN PANEL MOUNTED TO CANOPY STRUCTURE	TO PROVIDE STATION IDENTIFICATION FOR BOTH PEDESTRIANS AND TROLLEY PASSENGERS	AT EACH SIDE OF CANOPY STRUCTURE	2	<p><b>Revision</b> November 2011</p> <p><b>Sheet Number</b> <b>SD-2</b></p>



Sign Type Number	Description	Purpose	Location	Typical Quantity Per Station	<b>MTS San Diego Trolley Sign Program</b>	
D - 18	PEDESTRIAN TRAILBLAZERD	TO PROVIDE ADVANCED STATION IDENTIFICATION AND DIRECTIONAL INFORMATION	AT APPROPRIATE ACCESS POINTS TO TROLLEY STATIONS AND TROLLEY PLATFORMS	2 WHEN CONDITIONS ARE APPROPRIATE AND SIGNS NEEDED		<b>Sign Description &amp; Usage Chart</b>
D - 19	BUS BAY CUBE	TO PROVIDE ADVANCED STATION IDENTIFICATION AND DIRECTIONAL INFORMATION.	AT APPROPRIATE ACCESS POINTS TO TROLLEY STATIONS AND TROLLEY PLATFORMS.	WHEN CONDITIONS ARE APPROPRIATE AND SIGNS NEEDED		
D - 30	ADA PLATFORM  ACID-ETCHED ZINC PLATE WITH TACTILE & BRAILLE COPY MOUNTED TO POST	TO PROVIDE STATION IDENTIFICATION AND DIRECTIONAL INFORMATION TO VISION-IMPAIRED PASSENGERS	AT PRIMARY PEDESTRIAN PLATFORM ACCESS POINT MOUNTED TO LIGHT STANDARD, PARALLEL TO TRACK	2		
					<b>Revision</b> November 2011   <b>Sheet Number</b> <b>SD-4</b>	

Sign Type Number	Description	Purpose	Location	Typical Quantity Per Station	<p style="text-align: center;"><b>MTS San Diego Trolley Sign Program</b></p>	
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	22		<p style="text-align: center;"><b>Sign Description &amp; Usage Chart</b></p>
D - 15	DESTINATION  SIGN PANEL MOUNTED TO EXISTING PLATFORM POLES/ LIGHT STANDARDS	TO PROVIDE DESTINATION INFORMATION & LINE-COLOR IDENTIFICATION TO TROLLEY PASSENGERS ON PLATFORM	ON EXISTING PLATFORM POLES /LIGHT STANDARDS, BELOW IDENTIFICATION SIGN MOUNTED PERPENDICULAR TO TRACK, ON BOTH SIDES OF PLATFORM	8		
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 BOTH ENGLISH & SPANISH		
D - 17	INFORMATION SMALL  SIGN PANEL MOUNTED TO EXISTING PLATFORM POLES/ LIGHT STANDARDS	TO PROVIDE STATION/TRACK NUMBER & LINE IDENTIFICATION TO TROLLEY PASSENGERS & TO PROVIDE DISABLED ACCESS DIRECTIONS WHERE REQUIRED	ONE SIGN ABOVE EACH STATION  IDENTIFICATION SIGN ON BOTH SIDES OF PLATFORM, PARALLEL TO TRACK	22	<p>Revision</p> <p>November 2011</p> <hr/> <p>Sheet Number</p> <p style="font-size: 2em;"><b>SD-3</b></p>	

Sign Type Number	Description	Purpose	Location	Typical Quantity Per Station	<b>MTS San Diego Trolley Sign Program</b>	
D - 40	RIGHT-OF-WAY SPEED LIMIT  SIGN PANEL MOUNTED TO EXISTING CANTENARY POLES	TO INDICATE SPEED LIMITS TO TROLLEY OPERATORS.	ON CANTENARY POLES BETWEEN TRACKS. QUANTITY & LOCATION AS REQUIRED BY TRANSIT PERSONNEL.	N/A		<b>Sign Description &amp; Usage Chart</b>
D - 41	RIGHT-OF-WAY OPERATOR INFORMATION  SIGN PANEL MOUNTED TO EXISTING CANTENARY POLES	TO PROVIDE MISCELLANEOUS RESTRICTIVE INFORMATION TO TROLLEY OPERATORS	ON CANTENARY POLES BETWEEN TRACKS.  QUANTITY & LOCATION AS REQUIRED BY TRANSIT PERSONNEL	N/A		
D - 42	RIGHT-OF-WAY IDENTIFICATION	TO PROVIDE ADVANCED STATION IDENTIFICATION TO TROLLEY OPERATORS	ON CANTENARY POLES BETWEEN TRACKS  QUANTITY & LOCATION AS REQUIRED BY TRANSIT PERSONNEL	N/A		
D - 45	INFORMATION KIOSK  POST & PANAL	TO PROVIDE CUSTOMER INFORMATION HOW TO RIDE MAP TIMETABLE	ON EACH SIDE OF TRACK IN STATION AREA WHEN POSSIBLE FOR FOOT TRAFFIC MAXIMUM EXPOSURE	2 MORE IF NEED DETERMINED	Sheet Number <b>SD-5</b>	

Revision

November 2011

Sign Type Number	Description	Purpose	Location	Typical Quantity Per Station	<b>MTS San Diego Trolley Sign Program</b>	
D - 50	NO TRESPASSING  SIGN PANEL MOUNTED TO EXISTING CANTENARY POLES	TO PREVENT PEDESTRIANS/ PASSENGERS FROM ENTERING UNAUTHORIZED OR DANGEROUS AREAS	AT EACH PLATFORM END & AS REQUIRED BY TRANSIT PERSONNEL	N/A		<b>Sign Description &amp; Usage Chart</b>
D - 51	RESTRICTIVE  POST & PANEL SIGN	TO PROVIDE RESTRICTIVE INFORMATION	WHERE NEEDED	TO BE DETERMINED		
D - 54	ACCESSIBLE SMALL AND LARGE	TO PROVIDE RESTRICTIVE ACCESS IDENTIFICATION INFORMATION	WHERE NEEDED	TO BE DETERMINED		
					Revision November 2011   Sheet Number <b>SD-6</b>	

Sign Type Number	Description	Purpose	Location	Typical Quantity Per Station	<b>MTS San Diego Trolley Sign Program</b>
D - 50	NO TRESPASSING SIGN.  SIGN PANEL MOUNTED TO EXISTING CANTENARY POLES	TO PREVENT PEDESTRIANS/ PASSENGERS FROM ENTERING UNAUTHORIZED OR DANGEROUS AREAS	AT EACH PLATFORM END & AS REQUIRED BY TRANSIT PERSONNEL	N/A	
D - 51	RESTRICTIVE  POST & PANEL SIGN	TO PROVIDE RESTRICTIVE INFORMATION & ACCESS IDENTIFICATION INFORMATION	WHERE NEEDED	TO BE DETERMINED	
					<b>Revision</b>
					October 2011
					<b>Sheet Number</b> <b>SD-7</b>