General Notes
PROJECT TYPESTYLES

**Helevetica Neue 75 Bold**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789&$%;:"'.

**Helevetica Neue 55 Roman**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789&$%;:"'.

PROJECT COLORS

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<th>Pantone Code</th>
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<tr>
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<td>Gray</td>
<td>424</td>
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<tr>
<td>White</td>
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<tr>
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<tr>
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</tr>
<tr>
<td>Yellow</td>
<td>123</td>
</tr>
<tr>
<td>Red</td>
<td>485</td>
</tr>
</tbody>
</table>

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 UPPERCASE & LOWERCASE 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 SCOTCHCAL MATTE WHITE ENGINEER GRADE 3650 3M SHEETING. FOR REFLECTIVE SIGNS USE 3M REFLECTIVE SHEETING 3280. 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.

5. ALL BASIC SIGN PLAQUES SHALL BE FABRICATED FROM ALUMINUM PANEL, USING 5005-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, 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

Helevetica Neue 75 Bold

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789&$%;:"'.

Helevetica Neue 55 Roman

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789&$%;:"'.

PROJECT COLORS

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<td>15090</td>
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<td>Yellow</td>
<td>123</td>
</tr>
<tr>
<td>Red</td>
<td>485</td>
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NOTE: OBTAIN ARTWORK FOR SYMBOLS FROM MTS.
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<th>BLUE LINE</th>
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<th>GREEN LINE</th>
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<td>La Mesa Boulevard</td>
<td>12th &amp; Imperial</td>
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<tr>
<td>Beyer Boulevard</td>
<td>Spring Street</td>
<td>Gaslamp Quarter</td>
</tr>
<tr>
<td>Iris Avenue</td>
<td>Lemon Grove Depot</td>
<td>Convention Center</td>
</tr>
<tr>
<td>Palm Avenue</td>
<td>Massachusetts Avenue</td>
<td>Seaport Village</td>
</tr>
<tr>
<td>Palomar Street</td>
<td>Encanto/62nd Street</td>
<td>County Center/Little Italy</td>
</tr>
<tr>
<td>H Street</td>
<td>Euclid Avenue</td>
<td>Middletown</td>
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<tr>
<td>E Street</td>
<td>47th Street</td>
<td>Washington Street</td>
</tr>
<tr>
<td>24th Street</td>
<td>32nd &amp; Commercial</td>
<td>Old Town</td>
</tr>
<tr>
<td>8th Street</td>
<td>25th &amp; Commercial</td>
<td>Morena/Linda Vista</td>
</tr>
<tr>
<td>Pacific Fleet</td>
<td>America Plaza</td>
<td>Fashion Valley</td>
</tr>
<tr>
<td>Harborside</td>
<td></td>
<td>Hazard Center</td>
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<tr>
<td>Barrio Logan</td>
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<td>Mission Valley Center</td>
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<td></td>
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</tr>
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<td>Santee Town Center</td>
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<table>
<thead>
<tr>
<th>ORANGE/GREEN LINE</th>
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<tbody>
<tr>
<td>Arnele Avenue</td>
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<td>Amaya Drive</td>
</tr>
<tr>
<td>Grossmont</td>
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<tr>
<td>Santa Fe Depot</td>
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<table>
<thead>
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<th>BLUE/ORANGE LINE</th>
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<tr>
<td>12th &amp; Imperial</td>
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<tr>
<td>Park &amp; Market</td>
</tr>
<tr>
<td>City College</td>
</tr>
<tr>
<td>Fifth Avenue</td>
</tr>
<tr>
<td>Civic Center</td>
</tr>
</tbody>
</table>
### General Notes

**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.

### Table: MTS San Diego Trolley Sign Program

<table>
<thead>
<tr>
<th>Station Name</th>
<th>Type 1</th>
<th>Type 2</th>
<th>Type 10 &amp; 12</th>
<th>Type 15 - Destination</th>
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**MTS San Diego Trolley Sign Program**

**Revision**

November 2011

**Sheet Number**

G-4.1
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</table>

**MTS San Diego Trolley Sign Program**

**General Notes**

**Station Names**

Application: 2012

Page 2 of 2

**Revision**

November 2011

**Sheet Number**

G-4.2
**General Notes**

**Mounting Details**

Sample Applications
Signs on shelters may vary depending on shelter design

**Revision**
November 2011

**Sheet Number**
G-5
Design Drawings
**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 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.

**MOUNTING ELEVATION**

- SCALE: NTS

**SIDE ELEVATION**

- SCALE: NTS

**PLAN**

- SCALE: NTS

**SIDE ELEVATION**

- SCALE: NTS

**FRONT ELEVATION**

- SCALE: NTS

**NOTE:**

FOR PRIMARY SITE SIGNS USE ADDITIONAL TEXT OF TRANSIT CENTER OR "TROLLEY STATION" AS SHOWN IN HELVETICA NEUE ROMAN 55 - CONSULT MTS.
MISSION SAN DIEGO TROLLEY STATION

GROSSMONT TRANSIT CENTER

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 50W HPS 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-
NOTE: MOUNTING MUST BE VANDAL RESISTANT

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 POST IF LIGHT STANDARD DOES NOT EXIST
BRAILLE TRANSLATION SHALL BE PROVIDED BY SIGN FABRICATOR.

12TH & IMPERIAL TRANSIT CENTER

NOTE: MOUNTING MUST BE VANDAL RESISTANT

MOUNTING ELEVATION: SECTION
SCALE: NTS

1/4" RADIUS CORNERS
FOUR (4) .125" DIAMETER HOLES
3/8" WIDE BORDER, COPY AND BRAILLE RAISED 1/32"
1/8" ETCHED ZINC

SIGN CONTRACTOR TO PROVIDE POST IF LIGHT STANDARD DOES NOT EXIST.

BRAILLE TRANSLATION SHALL BE PROVIDED BY SIGN FABRICATOR.
## 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 & HARDSCAPE CONDITIONS. FLANGE MOUNT STRUCTURE FOR HARDSCAPE CONDITION. SIGN CONTRACTOR TO FIELD VERIFY MOUNTING CONDITIONS.
- REFER TO SPECIFICATIONS FOR ADDITIONAL NOTES

### DESIGN DRAWING

- **12th & Imperial Transit Center**
- **1" REVEAL SURROUNDING PANEL**
- **1" GRAY LINE**
- **RED PORCELAIN ENAMEL PANEL WITH WHITE SYMBOL**
- **UP TO (2) 3" PORCELAIN ENAMEL STRIPS (ORANGE, GREEN, BLUE)**
- **UP TO (2) 5" RADIUS SYMBOLS WITH 2" SPACE BETWEEN EACH ONE**
- **PROVIDE FOOTING AS REQUIRED**

### MTS San Diego Trolley Sign Program

- **Secondary Site**

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**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 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 hard scape condition. Sign contractor to field verify mounting conditions.
- Refer to specifications for additional notes

**NOTE:** For secondary site signs use added text of Transit Center or Trolley Station as shown in Helvetica Neue Roman 55 - consult MTS.
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.

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.
Notice
Parking is limited to transit patrons only. The maximum time limit for parking is 24 hours. Any vehicle illegally parked is subject to citation & impoundment at owner’s expense.

MTS Ordinance #3

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

Towed Vehicles may be reclaimed at
(address) or by telephoning (telephone no.)

Unauthorized Vehicles not displaying distinguishing placards or license plates issued for physically challenged persons will be towed away at owner’s expense.

Do Not Enter
No transit parking at this site.
Parking available at Morena/Linda Vista & Stadium Stations.

Emergency Exit Only
Do Not Enter

SIGN DESCRIPTION

Panel Size: 20" x 24"

Sign Height: 7" O" 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.
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 RIGHT SIDES OF BACKGROUND.
COPY MUST BE 1 1/2" OR LARGER, CONDENSE FONT, ONLY IF NECESSARY.
SYMBOL IS 1/2" TALLER THAN TEXT CAP HEIGHT, AND IS FLUSH LEFT.
SIGN DESCRIPTION

PANEL SIZE: 12" X 18"

SIGN HEIGHT: 84" TO 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 1/2" OR LARGER, CONDENSE FONT, ONLY IF NECESSARY.
SYMBOL IS 1 1/2" TALLER THAN TEXT CAP HEIGHT, AND IS FLUSH LEFT.

Screw holes to be 1" on center from edge of sign face

1/2" white border

MTS Buses Only

1/2" white border

Screw holes to be 1" on center from edge of sign face

1 1/2" white border

MTS Buses Only
**Sign Description**

- **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.

**Design**

- **Exterior Light Standard:** Sizes vary, field verify.
- **Existing Light Standard:** Sizes vary, field verify.
- **Attachment Bracket:** Screw holes to be 1" on center from edge of sign face.
- **Sign Panel:** 1/2" white border.
- **Black Sign with White Symbols and/or Copy**
- **For Signs with Symbols Only (no text):** Center arrow & symbol(s) horizontally on plaque.
- **For All Layouts with the Trolley Symbol:** Use green background.

**Front Elevation**

- 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

**Revision**

November 2011

**Sheet Number**

D-5
Clearance 8’-0”

**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.

**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
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 & HARDSCAPE CONDITIONS.
FLANGE MOUNT STRUCTURE FOR HARDSCAPE CONDITION.
SIGN CONTRACTOR TO FIELD VERIFY MOUNTING CONDITIONS.
REFER TO SPECIFICATIONS FOR ADDITIONAL NOTES

SUPPORT STRUCTURE

UP TO TWO (2) 6" PORCELAIN ENAMEL STRIPS (ORANGE, GREEN, BLUE)

BLACK METAL STRUCTURE-COATED STEEL OR ALUMINUM

NOTE: SIGN DOUBLE-SIDED: 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
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 & HARDSCAPE 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
SIGN DESCRIPTION

PANEL SIZE: 72" X 10"
SIGN HEIGHT: BASED ON CANOPY FASCIA
CORNER RADIUS: 3/8"
MOUNTING: MOUNT TO CANOPY STRUCTURE WITH 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.

City College

COPY LAYOUTS  SCALE: NTS

3 1/4"  4"  2 3/4"  72"

Morena/Linda Vista

FRONT ELEVATION  SCALE: NTS
**SIGN DESCRIPTION**

**PANEL SIZE**: 10" x 48"

**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

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, TYPICAL.

IF CONDITIONS PREVENT THE USE OF LIGHT STANDARDS, SIGN CONTRACTOR SHALL PROVIDE POST AS REQUIRED. REFER TO SPECIFICATIONS FOR SCREW HOLE DETAILS.
**SIGN DESCRIPTION**

**PANEL SIZE:** 20" X 38"  
**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 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.
**Sign Type 15**

**Destination**
- **Location:** 12th & Imperial

### Existing Light Standards

- **Sign Type:** 15
- **Mounting Elevation:**
  - **Front Elevation:**
    - **Sample Copy Layouts**
    - **White Symbol Centered Vertically in Color Line Bar**
    - **1/4" White Rule**
    - **4" Color Bar**
- **Existing Light Standards**
- **Font to be Condensed 85%, This Sign Type**
- **Material:** 1/8" Aluminum
- **Copy:** Non-Reflective Sign
- **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**

**Location:** 12th & Imperial

**Revision:** November 2011

**Sheet Number:** D-15
**Sign Description**

- **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 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

**Design Drawing**

**MTS San Diego Trolley Sign Program**

**Sign Type 15 Destination Suppliment**

**Location:** 12th & Imperial

**Revision:** November 2011

**Sheet Number:** D-15.1
Fare paid zone
Tickets required

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

MTS Ordinance No. 2

Zona con tarifas
Se requieren boletos

Dentro de esta estación, debe usted tener un boleto válido, un pase o estar en disposición de comprar uno.

MTS Ordinance No. 2
SIGN DESCRIPTION

PANEL SIZE: 12" x 12"

SIGN HEIGHT: 128"-138" DEPENDING ON SIGN 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
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

BLUE BACKGROUND WITH WHITE COPY ON LAYOUTS WITH DISABLED ACCESS SYMBOL

1/2" WHITE BORDER

12"
**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

**TWO PANEL CONDITION WHERE OCCURS**

- **POLE MOUNTING BRACKET PANEL**
- **PANEL SIZE**: 20" X 24"
- **PLAN VIEW SCALE**: NTS

**TWO PANEL PLAN VIEW SCALE**: NTS

**FRONT ELEVATION SCALE**: NTS

**GREEN BACKGROUND WITH WHITE COPY (COLOR VARIES AS SPECIFIED)**

**1/2" WHITE BORDER**

**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**

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

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

**MTS San Diego Trolley Sign Program**

**Design Drawing**

**Sign Type 18 Pedestrian Trailblazer**

**Revision**

November 2011

**Sheet Number**

D-18
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

COPY LAYOUTS (SHOWN HERE IN FLAG MOUNTED FORMAT)
**SIGN DESCRIPTION**

**Panel Size:** 20" x 24"

**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.

**Design Drawing**

*MTS San Diego Trolley Sign Program*

*Sign Type 18 Pedestrian Trailblazer*

*Revision*

November 2011

*Sheet Number*

D-18.2
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.
SIGN TYPE 18
Pedestrian Trailblazer

Location: 12th & Imperial

SIGN DESCRIPTION

- 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.

COPY LAYOUTS (SHOWN HERE FOR FLUSH MOUNTED APPLICATION)

SCALE: NTS
Sign Type 18
Pedestrian Trailblazer
Location: 12th & Imperial and Santa Fe Depot

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

Copy Layout:
- To Blue and Orange Line
- To Buses
- To Santa Fe Depot
- Amtrak
- Green Line Trolley
- COASTER

Copy Layouts Scale: NTS

D-18.5
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.

MTS
San Diego Trolley Sign Program

Design Drawing
Sign Type 18
Pedestrian Trailblazer

Location: 12th & Imperial

Revision
November 2011

Sheet Number
D-18.6
**SIGN DESCRIPTION**

- **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 PORCELIAN ENAMEL APPLICATION
- **COPY**: NON-REFLECTIVE
- **COLORS**: PORCELIAN ENAMEL RED BACKGROUND WITH PORCELIAN 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.
**SIGN POST DESCRIPTION**

- **POST SIZE**: 4" x 4" x 1/8"
- **SIGN POST HEIGHT**: 65"
- **SPECIAL**: WELDED CAP
- **MOUNTING**: USE TAMPER PROOF FASTENERS TO ATTACH BRAILLE SIGN TO POST
- **MATERIAL**: 1/8" COATED STEEL
- **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.
### SIGN DESCRIPTION

**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.

---

**12TH AND IMPERIAL TRANSIT CENTER TO SAN YSIDRO/TIJUANA**

**Braille**

- Four (4) 1/2" diameter holes
- 1/4" radius corners
- 1/2" wide border, copy, and Braille raised 1/32"
MOUNTING ELEVATION

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 REG'D TO ATTACH SIGN PANEL TO CANTANNERY 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

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

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

MTS
San Diego Trolley Sign Program
Design Drawing
Sign Type 40
Right of Way
Speed Limit

Sheet Number D-40

NOTES:

FIELD VERIFY ALL CONDITIONS
CENTER COPY HORIZONTALLY AND VERTICALLY ON PLAQUE
REFER TO SPECIFICATIONS FOR MOUNTING

Revision
November 2011
MOUNTING ELEVATION

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

FRONT ELEVATION

SCALE: NTS

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

WHITE BACKGROUND BLACK COPY

TWO (2) 1.25 DIAMETER HOLE

ALIGN

ALIGN

0.50

APPROACH INTL

COPY LAYOUTS

SCALE: NTS

Sheet Number D-41

MTS San Diego Trolley Sign Program

Design Drawing

Sign Type 41 Right of Way Operator Information

Revision

November 2011
Hazard Center Station

Fashion Valley Transit Center

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

Design Drawing
MTS San Diego Trolley Sign Program
Sign Type 42 Right of Way Identification

Sheet Number D-42
Revision November 2011

MTS
San Diego Trolley
Sign Program
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 ALUMINUM 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
**Trespassing or Loitering Forbidden by Law**

Penal Code 555

MTS Rules & Regulations 1.6A

**DANGER**

High Voltage

**Esta Prohibido por la Ley Entrar sin Permiso o Vagabundear**

Código Penal 555

MTS Rules & Regulations 1.6A

**DANGER**

Alto Voltaje
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

NO SMOKING ALLOWED

No smoking allowed within 25 feet of transit stations, bus stops, or other transit facilities

MTS Ordinance 13.10

DO NOT LITTER
This includes feeding birds

BLACK BORDER, WHITE BACKGROUND WITH BLACK COPY AND RED DETAILS

COPY IS CENTERED
10 PT STROKE

TEXT 57/54 PT

TEXT 42 PT

3/8" BLACK BORDER

BLACK BACKGROUND WITH WHITE COPY

3/8" WHITE BORDER

MTS San Diego Trolley Sign Program

Design Drawing

Sign Type 51
Restrictive

MTS Ordinance 13.10

November 2011

Sheet Number D-51
**SIGN DESCRIPTION**

- **Panel Size:** 20" × 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
- **Illumination:** None
- **Notes:** Field verify all conditions

**Copy:** Matte or reflective as indicated

**Color:** Black, blue, and/or red as indicated

**Sign is single-sided**

**Design Drawing**

- **NO PEDESTRIAN ACCESS ALLOWED AT ANY TIME**
- **MTS Ordinance #13**

MTS San Diego Trolley Sign Program

Revision
December 2011

Sheet Number
D-51.1
SIGN DESCRIPTION

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

DO NOT LITTER
This includes feeding the birds.

NO Vehicles On Platform

1/2" WHITE BORDER
BLACK BACKGROUND WITH WHITE COPY

3/8" WHITE REFLECTIVE BORDER
BLACK BACKGROUND WITH WHITE REFLECTIVE COPY
COPY CENTERED

16" 24"
16" 27"
5 3/8" 7/8" 7/8"
1 1/4" 2 1/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4"

DESCRIPTION:

- 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
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 : BLACK AND RED AS INDICATED
SIGN IS SINGLE-SIDED
NOTES :
FIELD VERIFY ALL CONDITIONS

BLACK BACKGROUND WITH BLACK COPY AND RED DETAILS
1/2" WHITE BORDER

Sign Type 51
Restrictive

Sheet Number
D-51.3

Revision
December 2011
SIGN DESCRIPTION

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

COLOR: BLACK AND RED AS INDICATED

SIGN IS SINGLE-SIDED

ILLUMINATION: NONE

NOTES:
FIELD VERIFY ALL CONDITIONS

STOCK NO. 51-12

MOUNTING ELEVATION SCALE: NTS

FRONT ELEVATION SCALE: NTS

NO VEHICLES ON TRACKS

1/2" BLACK REFLECTIVE BORDER

WHITE BACKGROUND WITH REFLECTIVE BLACK COPY AND RED DETAILS

COPY IS CENTERED
**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.

**BLUE BACKGROUND WITH WHITE COPY ON LAYOUTS WITH DISABLED ACCESS SYMBOL.**

**1/2" WHITE BORDER**
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
<table>
<thead>
<tr>
<th>Sign Type Number</th>
<th>Description</th>
<th>Purpose</th>
<th>Location</th>
<th>Typical Quantity Per Station</th>
</tr>
</thead>
<tbody>
<tr>
<td>D - 1</td>
<td>IDENTIFICATION PRIMARY SITE</td>
<td>TO IDENTIFY STATION LOCATION AND INDICATE BASIC STATION SERVICES</td>
<td>AT PRIMARY STATION VEHICULAR ENTRANCE OR CENTRAL VISIBLE LOCATION IN PEDESTRIAN ORIENTED SITES</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>FREE-STANDING PYLON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D - 2</td>
<td>IDENTIFICATION SECONDARY SITE</td>
<td>TO IDENTIFY STATION LOCATION AND INDICATE BASIC STATION SERVICES</td>
<td>AT PEDESTRIAN-ORIENTED STATIONS OR LIMITED-SPACE AREAS</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>FREE-STANDING PYLON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D - 3</td>
<td>VEHICULAR RESTRICTIVE LARGE</td>
<td>TO PROVIDE RESTRICTIVE INFORMATION &amp; ACCESS IDENTIFICATION INFORMATION FOR VEHICULAR TRAFFIC</td>
<td>TO BE LOCATED AT VEHICULAR ENTRANCES TO SITE OR AT PEDESTRIAN EXITS</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>POST &amp; PANEL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D - 4</td>
<td>VEHICULAR RESTRICTIVE SMALL</td>
<td>TO IDENTIFY SPECIFIC PARKING AREAS</td>
<td>ONE SIGN LOCATED AT EACH APPROPRIATE PARKING SPACE</td>
<td>8</td>
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<tr>
<td></td>
<td>POST &amp; PANEL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sign Type Number</td>
<td>Description</td>
<td>Purpose</td>
<td>Location</td>
<td>Typical Quantity Per Station</td>
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<tr>
<td>------------------</td>
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<td>-----------------------------</td>
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<tr>
<td>D - 5</td>
<td>VEHICULAR DIRECTIONAL TRAILBLAZER</td>
<td>TO DIRECT VEHICULAR TRAFFIC FROM THE FREEWAY TO THE STATION SITE</td>
<td>AT EACH MAJOR DECISION POINT/INTERSECTION ADJACENT TO THE STATION AND ALONG MAJOR ARTERIES IN THE IMMEDIATE VICINITY OF THE STATION</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>SIGN PANEL MOUNTED TO STREET POLES</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>D - 7</td>
<td>CLEARANCE BAR</td>
<td>TO PROVIDE VEHICLE-HEIGHT WARNING / RESTRICTIVE INFORMATION</td>
<td>AT RESTRICTIVE CLEARANCE PARKING AREAS</td>
<td>USED AT SPECIAL STATIONS ONLY</td>
</tr>
<tr>
<td></td>
<td>PANEL SUSPENDED FROM CONCRETE STRUCTURE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D - 8</td>
<td>IDENTIFICATION KIOSK</td>
<td>TO IDENTIFY STATION SPECIFIC DIRECTIONAL INFORMATION</td>
<td>AT PEDESTRIAN-ORIENTED AREAS ON OR NEAR PLATFORM AREAS</td>
<td>SITE SPECIFIC</td>
</tr>
<tr>
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<td>FREE-STANDING PYLON</td>
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</tr>
<tr>
<td>D - 10</td>
<td>STATION IDENTIFICATION CANOPY-MOUNTED</td>
<td>TO PROVIDE STATION IDENTIFICATION FOR BOTH PEDESTRIANS AND TROLLEY PASSENGERS</td>
<td>AT EACH SIDE OF CANOPY STRUCTURE</td>
<td>2</td>
</tr>
<tr>
<td>Sign Type Number</td>
<td>Description</td>
<td>Purpose</td>
<td>Location</td>
<td>Typical Quantity Per Station</td>
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<tr>
<td>------------------</td>
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<td>-------------------------------</td>
</tr>
<tr>
<td>D - 18</td>
<td>PEDESTRIAN TRAILBLAZERD</td>
<td>TO PROVIDE ADVANCED STATION IDENTIFICATION AND DIRECTIONAL INFORMATION</td>
<td>AT APPROPRIATE ACCESS POINTS TO TROLLEY STATIONS AND TROLLEY PLATFORMS</td>
<td>2 WHEN CONDITIONS ARE APPROPRIATE AND SIGNS NEEDED</td>
</tr>
<tr>
<td>D - 19</td>
<td>BUS BAY CUBE</td>
<td>TO PROVIDE ADVANCED STATION IDENTIFICATION AND DIRECTIONAL INFORMATION.</td>
<td>AT APPROPRIATE ACCESS POINTS TO TROLLEY STATIONS AND TROLLEY PLATFORMS.</td>
<td>WHEN CONDITIONS ARE APPROPRIATE AND SIGNS NEEDED</td>
</tr>
<tr>
<td>D - 30</td>
<td>ADA PLATFORM</td>
<td>TO PROVIDE STATION IDENTIFICATION AND DIRECTIONAL INFORMATION TO VISION-IMPAIRED PASSENGERS</td>
<td>AT PRIMARY PEDESTRIAN PLATFORM ACCESS POINT MOUNTED TO LIGHT STANDARD, PARALLEL TO TRACK</td>
<td>2</td>
</tr>
<tr>
<td>Sign Type Number</td>
<td>Description</td>
<td>Purpose</td>
<td>Location</td>
<td>Typical Quantity Per Station</td>
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<tr>
<td>D - 12</td>
<td>STATION IDENTIFICATION 1-LINE &amp; 2-LINE NAME</td>
<td>TO PROVIDE STATION IDENTIFICATION AT PLATFORMS</td>
<td>ON EACH PLATFORM POLE/LIGHT STANDARD ALONG BOTH SIDES OF PLATFORM, MOUNTED PARALLEL TO TRACK</td>
<td>22</td>
</tr>
<tr>
<td>D - 15</td>
<td>DESTINATION SIGN PANEL MOUNTED TO EXISTING PLATFORM POLES/LIGHT STANDARDS</td>
<td>TO PROVIDE DESTINATION INFORMATION &amp; LINE-COLOR IDENTIFICATION TO TROLLEY PASSENGERS ON PLATFORM</td>
<td>ON EXISTING PLATFORM POLES/LIGHT STANDARDS, BELOW IDENTIFICATION SIGN MOUNTED PERPENDICULAR TO TRACK, ON BOTH SIDES OF PLATFORM</td>
<td>8</td>
</tr>
<tr>
<td>D - 16</td>
<td>INFORMATION LARGE SIGN PANEL MOUNTED TO EXISTING PLATFORM POLES/LIGHT STANDARDS</td>
<td>TO DELINEATE FREE ZONE FROM FARE-PAID ZONE</td>
<td>ON PLATFORM POLES AT EVERY PEDESTRIAN ACCESS/Entrance TO PLATFORM</td>
<td>8 TOTAL: 2 SIGNS ON EACH SIDE OF PLATFORM IN BOTH ENGLISH &amp; SPANISH</td>
</tr>
<tr>
<td>D - 17</td>
<td>INFORMATION SMALL SIGN PANEL MOUNTED TO EXISTING PLATFORM POLES/LIGHT STANDARDS</td>
<td>TO PROVIDE STATION/TRACK NUMBER &amp; LINE IDENTIFICATION TO TROLLEY PASSENGERS &amp; TO PROVIDE DISABLED ACCESS DIRECTIONS WHERE REQUIRED</td>
<td>ONE SIGN ABOVE EACH STATION IDENTIFICATION SIGN ON BOTH SIDES OF PLATFORM, PARALLEL TO TRACK</td>
<td>22</td>
</tr>
<tr>
<td>Sign Type Number</td>
<td>Description</td>
<td>Purpose</td>
<td>Location</td>
<td>Typical Quantity Per Station</td>
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<tr>
<td>------------------</td>
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<td>-------------------------------------------------</td>
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<tr>
<td>D - 40</td>
<td>RIGHT-OF-WAY SPEED LIMIT</td>
<td>TO INDICATE SPEED LIMITS TO TROLLEY OPERATORS.</td>
<td>ON CANTENARY POLES BETWEEN TRACKS. QUANTITY &amp; LOCATION AS REQUIRED BY TRANSIT PERSONNEL.</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>SIGN PANEL MOUNTED TO EXISTING CANTENARY POLES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D - 41</td>
<td>RIGHT-OF-WAY OPERATOR INFORMATION</td>
<td>TO PROVIDE MISCELLANEOUS RESTRICTIVE INFORMATION TO TROLLEY OPERATORS.</td>
<td>ON CANTENARY POLES BETWEEN TRACKS. QUANTITY &amp; LOCATION AS REQUIRED BY TRANSIT PERSONNEL</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>SIGN PANEL MOUNTED TO EXISTING CANTENARY POLES</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>D - 42</td>
<td>RIGHT-OF-WAY IDENTIFICATION</td>
<td>TO PROVIDE ADVANCED STATION IDENTIFICATION TO TROLLEY OPERATORS.</td>
<td>ON CANTENARY POLES BETWEEN TRACKS. QUANTITY &amp; LOCATION AS REQUIRED BY TRANSIT PERSONNEL</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>D - 45</td>
<td>INFORMATION KIOSK POST &amp; PANEL</td>
<td>TO PROVIDE CUSTOMER INFORMATION HOW TO RIDE MAP TIMETABLE</td>
<td>ON EACH SIDE OF TRACK IN STATION AREA WHEN POSSIBLE FOR FOOT TRAFFIC MAXIMUM EXPOSURE</td>
<td>2 MORE IF NEED DETERMINED</td>
</tr>
</tbody>
</table>

**MTS San Diego Trolley Sign Program**

**Sign Description & Usage Chart**

**Revision**
November 2011

**Sheet Number**
SD-5
<table>
<thead>
<tr>
<th>Sign Type Number</th>
<th>Description</th>
<th>Purpose</th>
<th>Location</th>
<th>Typical Quantity Per Station</th>
</tr>
</thead>
<tbody>
<tr>
<td>D - 50</td>
<td>NO TRESPASSING</td>
<td>TO PREVENT PEDESTRIANS/PASSENGERS FROM ENTERING UNAUTHORIZED OR DANGEROUS AREAS</td>
<td>AT EACH PLATFORM END &amp; AS REQUIRED BY TRANSIT PERSONNEL</td>
<td>N/A</td>
</tr>
<tr>
<td>D - 51</td>
<td>RESTRICTIVE</td>
<td>TO PROVIDE RESTRICTIVE INFORMATION</td>
<td>WHERE NEEDED</td>
<td>TO BE DETERMINED</td>
</tr>
<tr>
<td>D - 54</td>
<td>ACCESSIBLE SMALL AND LARGE</td>
<td>TO PROVIDE RESTRICTIVE ACCESS IDENTIFICATION INFORMATION</td>
<td>WHERE NEEDED</td>
<td>TO BE DETERMINED</td>
</tr>
<tr>
<td>Sign Type Number</td>
<td>Description</td>
<td>Purpose</td>
<td>Location</td>
<td>Typical Quantity Per Station</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------</td>
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<td>------------------------------</td>
</tr>
<tr>
<td>D - 50</td>
<td>NO TRESPASSING SIGN. SIGN PANEL MOUNTED TO EXISTING CANTENARY POLES</td>
<td>TO PREVENT PEDESTRIANS/PASSENGERS FROM ENTERING UNAUTHORIZED OR DANGEROUS AREAS</td>
<td>AT EACH PLATFORM END &amp; AS REQUIRED BY TRANSIT PERSONNEL</td>
<td>N/A</td>
</tr>
<tr>
<td>D - 51</td>
<td>RESTRICTIVE POST &amp; PANEL SIGN</td>
<td>TO PROVIDE RESTRICTIVE INFORMATION &amp; ACCESS IDENTIFICATION INFORMATION</td>
<td>WHERE NEEDED</td>
<td>TO BE DETERMINED</td>
</tr>
</tbody>
</table>