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Forward

This manual represents the second generation of the customer signage and information system that was first introduced in 2001. Over the intervening years, the system has been updated and improved as stations for Link Light Rail, Sounder Commuter Rail and ST Express Bus have been built and brought into operation. After 12 years it was time for a comprehensive review and update of the program with an emphasis on refined and improved signage for the expanding Link Light Rail system. This manual is a living document and will be updated and expanded over time.

With this update, new sign types have been added to the program and a number have been removed. The design of Link Light Rail signs has been refined, resulting in a simplified color scheme, incorporation of state required station pictograms, simplification of sign configurations, incorporation of current ADA sign guidelines and rationalization of sign panel sizes.

To facilitate planning, fabrication and maintenance of the program, the method of identifying individual signs has been overhauled and the manual has been reorganized to make accessing specific information easier and clearer.
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How to Use the Manual

This manual is organized into Chapters to facilitate the needs of specific users for each phase of a project. Each Chapter focuses on key information and provides reference to related information in other chapters.

Chapter 1
Sign Program & Management
Introduction to the sign program, management protocols, and interagency policies.

*Primary Users:* Sound Transit Design, Engineering & Construction Management and Sound Transit Operations.

Chapter 2
Programming & Documentation
An explanation of sign placement criteria, guidelines for programming sign locations and documenting sign location plans.


Chapter 3
Design Standards
An overview of the sign program and its individual components, message standards, typography, color palette, agency and interagency logos, nomenclature, sign elevations and sign face layouts.

*Primary Users:* Sound Transit Design, Engineering & Construction Management, Sound Transit Operations, Sound Transit Communications & External Affairs, and outside Consultants.

Chapter 4
Fabrication Documentation
Fabrication drawings and specifications for each sign type in the program. Includes elevations, sections and details as well as material, finish, and color call outs. Performance specifications are also included.

*Primary Users:* Sound Transit Design, Engineering & Construction Management, Sound Transit Operations, and sign fabricators contracted by Sound Transit.
Introduction

Sound Transit is pleased to provide this Customer Signage Design Manual. This manual outlines the established guidelines and approach to Sound Transit’s customer signage program, from graphic design guidelines to the strategy of sign and information placement throughout our system. It is an essential tool and resource for all involved in designing, implementing and updating customer signage at Sound Transit facilities, or facilities shared with our regional transit partners.

Sound Transit has the unique responsibility of providing seamless transit throughout the central Puget Sound region in collaboration with multiple transit partners. The correct application of the Customer Signage Design Manual will allow us to provide our customers with a seamless, consistent and intuitive wayfinding experience at each Sound Transit facility, and at each connection between Sound Transit service and the services of other transportation providers.

The guidelines in this manual have been carefully and thoughtfully programmed through an inter-departmental effort at Sound Transit with a customer-focused approach. This manual governs processes for all customer signage implementation, to ensure customer signage remains effective and is provided only when and where it is truly needed. Sound Transit’s standardized and modular family of signs allows for ease of long-term maintenance and flexibility to meet future needs; it aids in accessibility and transit use for all: pedestrians, bicyclists, persons with disabilities, visitors, commuters and other public transportation customers.

This manual focuses on the application of wayfinding at Link Light Rail as the expansion of this system continues as part of Sound Transit 2 (ST2); and allows for growth as our system continues to expand, while also taking into account lessons learned from the operation of facilities since the signage manual’s last update in 2004.

Signage first installed in 2001 is nearing the end of its product life and will need to be repaired or replaced. Facilities undergoing full retrofits shall adhere to this updated manual. Because there are no current plans for expanding the Sounder Commuter Rail or ST Express systems, Sounder station and ST Express signage will be maintained according to the System-Wide Signage Design Manual 2004 except for regulatory signage – Sign Type R.

Use this manual to guide the intelligent, consistent and customer-focused application of signage by Sound Transit staff or by outside design professionals and suppliers. This will strengthen Sound Transit’s mission of providing improved mobility for central Puget Sound as well as our vision of easy connections to more places for more people.
Transit Partnership

Partner transportation agencies ("transit partners") connect with Sound Transit regional services at many locations in a three-county area. The cooperation extends beyond simple coordination of services to the joint operation of transit hubs and centers, including park and ride facilities and complex infrastructure. These combined services require identifying the location of specific agency services and the display of schedule information for all operating entities.

This has resulted in a unified or “blended” program of information display sizes and formats, and the ability to accommodate identification signage for multiple agencies. The criteria for creating a “blended” appearance are as follows:

- The standard Sound Transit sign program will be installed at facilities where Sound Transit stations, platforms, and stops are adjacent to other transit partners in order to present a consistent appearance throughout the central Puget Sound region.
- At facilities where Sound Transit is not the lead service provider, Sound Transit’s identity will be incorporated into the transit partner’s existing signs by appropriate use of a Regional “T”, Line of Business logo (Sounder, ST Express, or Link), or other to be determined. See page 3A-17 and 3B-9 for examples of the “T-Lite.”

The Sound Transit sign program and standards will be fully applied at locations where Sound Transit provides the primary service and is complemented by other transportation providers. Transit partner identities will be incorporated into the Sound Transit signs. Examples of transit partners’ identities are shown on page 3A-19.

- If an on-street bus stop is a “ST Express only” stop in a transit partner’s service area, the Sound Transit sign will be used. See page 3B-33, Sign Type E2.
- From an operational aspect, “transit partners” are those agencies that Sound Transit has an operating contract agreement with to build and/or operate services or facilities. From a rider information perspective, “transit partners” are agencies that operate connecting service from or through Sound Transit facilities. Due to the customer-focused approach of this manual, the manual uses the rider-information definition. In the list below, operational transit partners whose logos appear on static signage are also included.

Sound Transit’s transportation partners consist of the following agencies:

- Amtrak
- BNSF (Burlington Northern & Santa Fe Railway)
- Community Transit
- Everett Transit
- First Hill Streetcar
- Greyhound
- Intercity Transit
- Island Transit
- King County Ferry District
- King County Metro
- Kitsap Transit
- Pierce Transit
- Seattle Center Monorail
- Seattle-Tacoma International Airport (Port of Seattle)
- Skagit Transit
- South Lake Union Streetcar
- WSDOT (Washington State Department of Transportation)
- Washington State Ferries
Regional Transit “T”

A visible representation of the multi-agency nature of the transit partnership is the Regional “T” symbol. The Regional “T” was developed to provide immediate recognition of multi-agency services at transit centers and stations. The Regional “T” is an integral part of the sign program and is prominently located at the entry to all Link Light Rail, Sounder Commuter Rail and ST Express facilities. The Regional “T” also is visible where multi-agency information is available at transit partner facilities. In short, when a customer sees the Regional “T” they know that they can easily access regional transit information and services.

Formal agreements are in place with Sound Transit’s regional transportation partners regarding the signage standards and locations of the Regional “T”. Significant changes to the Regional “T” sign program requires a coordinated review with the transit partners.
Wayfinding and Internal Coordination

Wayfinding is not simply signs, it is the interplay between people and places and their need for information and guidance through complex environments. Signage is one response to these needs combined with effectively designed architectural spaces and clear written and audio information. Internal coordination with electronic signage, the Variable Messaging System (VMS) (see page 3A-11), Ticket Vending Machine (TVM) signage, Advertising placement (see page 2A-12) and other customer displays is also needed to present a consistent approach to wayfinding.

This manual addresses the signage component of wayfinding. Our approach has been to design a comprehensive program of static signage that is tailored to address customer information and assist in navigating a sometime complex facility environment.

We envision meeting the challenges of wayfinding through facility design, art, materials, architectural surfaces, color and graphics to assist persons of all abilities in finding their way and conveniently using Sound Transit services.
Sound Transit places an emphasis on accessibility issues and jurisdictional, state and federal accessibility requirements. The ADA has recently been updated and the new signage guidelines therein have been integrated into the sign designs documented in this manual. All current requirements have been met or exceeded and every effort has been taken to ensure that the accessibility needs of our customers are continually reviewed and responded to.

The Sound Transit Customer Facilities and Accessible Services Manager tracks current ADA requirements and agency conformance. The Citizen’s Accessibility Advisory Committee (CAAC) reviews conformance issues and facilitates citizen input and accessibility education services.

The Sound Transit Accessibility Design Guidelines is a complementary manual to this document and should be referenced as needed.
Sign Hierarchy

The Sign Family, the entire grouping of signs within the program, is categorized into Sign Types based on common functions. These Sign Type categories are classified by the kind of information to be displayed:

**Identification**
Confirms destinations, creates landmarks, helps establish recognition (station identification, bays, numbering, main entrance signs, etc.)

*Sign Types: A, B, E, F*

**Directional**
Guides both vehicles and pedestrians to destinations. The design and implementation of directional systems are often referred to as “wayfinding” (from highway, street and parking – to amenities, platform and vehicles).

*Sign Types: D, G, W*

**Information & Maps**
Communicates knowledge concerning destinations, facts, and circumstances (transit information including, fare/ ticketing, schedules, line and area maps, neighborhood information, directories, etc.)

*Sign Type: C*

**Regulatory**
Displays rules of conduct, safety/warning, and facility regulations (“stop” and “no parking” signs, etc.)

*Sign Type: R*

The entire Sign Family is illustrated on the following pages. The program is built around a kit of parts consisting of bases, poles, brackets, and panel assemblies that are designed to form the structures for all Sign Types in the program.

Refer to Chapter 2A for sign location criteria. Refer to Chapter 3 for approved colors, fonts, finishes, mounting heights, and sign face layouts.
Link Sign Family

SIGN TYPE A STATION IDENTIFICATION
SIGN # 000

SIGN TYPE B PLATFORM IDENTIFICATION
SIGN # 100

SIGN TYPE C CUSTOMER INFORMATION
SIGN # 200

SIGN TYPE D DIRECTIONAL
SIGN # 300

SIGN TYPE E BUS
SIGN # 400

* Layouts Enlarged
** If signage is not found here, refer to the Light Rail Equipment and Facilities Numbering Plan

MAY, 2013
Link Sign Family

SIGN TYPE F  FACILITY AMENITY  SIGN # 500

SIGN TYPE G  GUIDE  SIGN # 600

SIGN TYPE R  REGULATORY  SIGN # 700

SIGN TYPE V  VEHICLE  SIGN # 800

SIGN TYPE X  OPERATIONS  SIGN # 900

SIGN TYPE W  WSDOT

* Layouts Enlarged
** If signage is not found here, refer to the Light Rail Equipment and Facilities Numbering Plan

UNCONTROLLED DOCUMENT

MAY, 2013
Sounder and ST Express Sign Family

There are no current plans for expanding the Sounder or ST Express systems, therefore signage for Sounder stations and ST Express facilities will be maintained according to the System-Wide Signage Design Manual 2004 (see pages 1B-5 and 1B-6) to assure continued consistency at the ST Express facility and within the Sounder system.

The exception to this will be regulatory signage—Sign Type R. Replacement and maintenance of regulatory signs will follow this manual and reference these new sign type numbers. Refer to Chapter 2 for Sounder sign location criteria.
Schedule
Tickets & Passes
Sounder tickets and passes are available at the ticket vending machine located on the platform.

Adult Fares
1 Zone 2 Zones 3 Zones
Single-Trip Ticket $2 $3 $4
Day Pass $4 $6 $8
One Week Pass $20 $30 $40
Two Week Pass $40 $60 $80
Monthly Pass $72 $108 $144

Sounder Route & Stations

Fare Zone Boundary
You Are Here

CONNECTIONS
Amtrak
Tacoma Link
Buses
Ferries
Waterfront Streetcar
Parking
Information

肯特
South Tacoma
Lakewood
Tukwila
King Street Station

•

西雅图

埃德蒙兹
 Mukilteo

奥本
Sumner
Puyallup

Tacoma Dome

埃弗里特

Southbound – Tacoma
Departing King Street Station —
4:55 p.m. 5:10 p.m. 5:35 p.m.
Northbound – Everett
Departing King Street Station —
5:15 p.m.
Sounder and ST Express Sign Family

SYSTEM-WIDE SIGN TYPES

D1.0  Overhead Double Panel
D1.1  Single Panel
D1.1.1 Overhead Electronic
D1.1.2 Overhead Electronic
D1.1.3 Overhead Electronic
D1.1.4 Overhead Electronic
D1.1.5 Overhead Electronic
D1.2  Overhead Electronic
D1.3  Overhead Electronic
D1.4  Overhead Electronic
D1.5  Overhead Electronic

D1.DE.1 Overhead Electronic
D1.DE.2 Overhead Electronic

DIRECTIONAL (PEDESTRIAN)
See Sign Type D in Customer Signage Design Manual 2013

CUSTOMER INFORMATION

See Sign Type E in Customer Signage Design Manual 2013

SIGN FAMILY

Sounder and ST Express Sign Family
Procurement, Oversight, Updates, New Sign Types

The Sound Transit sign program is managed internally in accordance with the following process diagrams that detail each step in the procurement process for both new capital projects and existing facility maintenance. The process has been formalized to clarify roles and responsibility for a relatively complex process. Because personnel change over time, position titles are identified instead of specific names. By following the process as outlined, the sign program integrity is maintained through consistent application and oversight.

Specific personnel responsible for these roles are included in the Process Chart Staffing Directory in the Appendix (see page X-2), as this list can be updated more frequently.
**Existing Facilities / Permanent Signs**

**Lead:** Customer Facilities & Accessible Services (CFAS) Signage Coordinator

1. Submit 360 request for new sign
   - CFAS Signage Coord. coordinates with:
     - DECM
     - Service planners
     - Communications
     - Customer Service

2. Determine if appropriate contract exists
   - YES: Address accordingly by alternative to signage
   - NO: Non-standard sign?
     - YES: CFAS Signage Coord. coordinates text with Communications
     - NO: Provide draft package to:
       - DECM
       - Service planners
       - Communications
       - Legal, if needed
       - Customer Service
       - Safety & Security Review Regulatory

3. Approved?
   - YES: Forward issue to SPA / Senior Management for resolution
   - NO: Make correction(s)

4. Submit draft signage design package to Signage Contractor for pricing
   - Conduct initial site review:
     - CFAS Signage Coord.
     - Signage Contractor

5. Create final Signage Design Package
   - Submit final Signage Design Package to Signage Contractor

6. Signage Contractor fabricates & installs signs
   - CFAS Signage Coord. conducts inspection(s)
   - Final punch list review:
     - CFAS Signage Coord.
     - OPS Facility Manager
   - CFAS Signage Coord. closes out punch list for final acceptance
   - Update as-buils, SLP & Message Schedule

7. Conduct second site review, if needed:
   - CFAS Signage Coord.
   - Signage Contractor

8. Interdepartmental Review
   - DECM
   - Service planners
   - Communications
   - Customer Service
   - Legal, if needed
   - Safety & Security Review Regulatory

9. Provide draft package to:
   - DECM
   - Service planners
   - Communications
   - Legal, if needed
   - Customer Service
   - Safety & Security Review Regulatory
   - Single Point of Accountability
   - Operations

10. **UNCONTROLLED DOCUMENT**

    (DECM) Design, Engineering & Construction Management
    (SPA) Single Point of Accountability
    (OPS) Operations

**Sound Transit Process Chart**

Existing Facilities / Permanent Signs
Existing Facilities / Temporary Signs

**Lead:** Customer Facilities & Accessible Services (CFAS) Signage Coordinator

- Submit 360 Request for Temporary Signage
- CFAS Signage Coord. coordinates with:
  - DECM
  - Service planning
  - Communications
  - Customer Service
- Other alternatives to signage?
  - YES
  - NO CFAES Signage coordinator coordinates text with Communications
- Address accordingly by alternative to signage*
- Provide draft package to:
  - DECM
  - Service planners
  - Communications
  - Legal, if needed
  - Customer Service
  - Safety & Security Review Regulatory
- Approved?
  - YES
  - NO Make correction(s)
- Create final signage design package (submit to contractor if using outside resource)
- Input location(s) and removal date in database
- Remove sign(s); access facility for damage
- Determine if appropriate contract exists
- Use in-house resources
- Produce sign(s)
- Install sign(s)
- Damage to facility?
  - NO Final acceptance
  - YES Facilities repair as needed

*For urgent needs, signs may not be the most efficient tool. The PA and/or VMS system may be better resources.
New Facilities / Permanent Signs

Lead: Design Engineering & Construction Management (DECM) Signage Project Manager (PM)

30/60/90 project design review with Facility PM and Signage PM

Facility PM requests signs at new facility

Signage PM determines if appropriate contract exists?

YES

Non-standard sign?

YES

Signage PM coordinates text with Communications

NO

Produce new sign contract

NO

Procure new sign contract

Provide draft package to:
• CFAS
• Communications
• Service planners
• Legal, if needed
• Customer Service
• Safety & Security
Review Regulatory

Make correction(s)

Final punch list review:
• Signage PM
• Facility PM
• OPS Transition Manager

Signage PM closes out punch list for final acceptance

Complete as-buils (DECM Signage PM to OPS)

Transition to Operations: CFAS Signage Coordinator to update as-buils, SLP & Message Schedule

Conduct second site review, if needed:
• Signage PM
• Signage Contractor

Address issues

Conduct initial site review:
• Signage PM
• Signage Contractor
• Facility CM
• Facility RE

Create final Signage Design Package

Submit final Signage Design Package to Signage Contractor

Forward issue to SPA / Senior Management for resolution

Approved?

YES

Produce draft Signage Design Package:
• Sign Location Plan (SLP)
• Message Schedule
• Graphic file

Make correction(s)

Conduct initial site review:
• Signage PM
• Signage Contractor

Submit draft signage design package to Signage Contractor for pricing

Address issues

Conduct 30/60/90 project design review with Facility PM and Signage PM

NO

Interdepartmental Review

(CFAS) Customer Facilities & Accessible Services
(DEC) Design, Engineering & Construction Management
(SPA) Single Point of Accountability
(OPS) Operations

Sound Transit Process Chart
Existing Facilities/Permanent Signs

UNCONTROLLED DOCUMENT
Existing & New Facilities / Advertisement

Lead: Communications Marketing Specialist

- **New facility** (Add to Existing Contract)
  - Submit as-builts to:
    - Communications
    - Facilities Manager
    - Advertising vendor under contract
  - Ads tracked on as-builts
  - Vendor installs ads
  - Provide Proposal to:
    - DECM
    - CFAS
    - Customer Service
- **Existing facility** (New Contract)
  - Include existing Ad space in bid documents
  - Signage Committee requests modifications to proposal
  - Proposal approved?
  - Ads tracked on as-builts
  - Vendor installs ads
- **Schedule for removal shared with CFAS**
  - Vendor removes ads per term
  - Damage to facility? (review by CFAS Signage Coordinator)
    - NO
    - Final acceptance
    - Vendor repairs as needed
  - YES

(CFAS) Customer Facilities & Accessible Services
(DECM) Design, Engineering & Construction Management

* Proposal Reviewed for
  1. Safety Issues
  2. Interference with Customer Information
  3. Interference with public art

See page 2A-12 for advertising location and coordination criteria
The following is a list of relevant Sound Transit board policies that affect customer signage:

- Facility and Link System Naming Policy
  Resolution No. R2012-02
  This policy outlines the approach to Link Light Rail station naming as well as the existence of line colors.

- Common issues to all three Lines of Business with respect to Automated Teller Machines (ATM’s), bicycles, passenger amenities, and signage.
  Motion No. M98-58
  This policy outlines Sound Transit’s approach to system-wide signage, WSDOT/Trailblazer signage on surrounding roads, and 3rd party signage/community bulletin board requests.

See Appendix
Programming Sign Locations

The primary criterion for locating signage in stations is to provide the appropriate customer information at the optimal location. That is, the right information, when and where customers need it. As a result, signs have a direct influence on station design and location of signs should be considered early in the design process in order to assure maximum effectiveness of customer information while minimizing conflicts with architecture and building systems.

Station canopy heights, underground station ceiling heights, and other architectural design issues are impacted by sign mounting height requirements. It is essential to include sign mounting requirements when considering the architectural grid for a station and canopy design details.

Central to these considerations is coordination with other design disciplines including lighting, security, digital displays and other specialized systems. The reasons for this include assurance of clear sightlines for signage, utilization of existing poles and structure for mounting wherever possible, avoidance of conflicts with security cameras and emergency exit signage, along with the placement of conduit and other building systems.


Individual station architecture teams are responsible for coordination and inclusion of all footings, anchors and mounting details that conform to the standard bracket designs and details included in Chapter 4 Production Drawings.

Preparation of customer sign documents

Customer Sign Documents are prepared for the proper installation of customer signage. There are two sets of documents necessary in order for the customer signage to be accurately coordinated and installed.

1. Architectural Signage Documents – These documents consist of plans and details included in the civil contract documents. They coordinate customer signs with all station elements and provide information to the civil contractor on any foundation or mounting details that are required to be constructed as part of the civil construction work. They are prepared by the station architect in coordination with the Sound Transit Customer Signage Program Manager.

2. Signage Design Package – These documents build off the Architectural Signage Documents and include sign location plans with unique sign location numbers for each sign, a signage message schedule, and a graphic file showing the sign artwork. The unique location numbers on the sign location plans provide a key to the signage message schedule and graphic file. The Sound Transit Customer Signage Program Manager prepares the Signage Design Package. Using the signage message schedule, Sound Transit Creative Services prepares the sign artwork graphic file under direction from the Sound Transit Customer Signage Program Manager. These documents are used by the Customer Signage Contractor to fabricate and install signage at new facilities prepared by the civil contractor.

For signage at existing facilities, the Signage Design Package is prepared by the CFAS Signage Coordinator for internal review, approval and completion (see Program Management, section 1C.)

For additional instruction on how to prepare the Customer Sign Documents see page 2B-1.
Schematic Sign Locations of Typical Signs

The following series of schematic plans illustrate typical sign placement in Link Light Rail stations:

• Station Entry
• Elevator/Escalator/Public Stairs
• Fare-Paid Zone Entry
• Platform
• Bus Stop/Paratransit Stop/Bicycle Parking

These plans are intended to address the majority of conditions found in the various station configurations.

Schematic sign location plans are followed by additional criteria for both Link and Sounder.

Refer to the Sign Elevations in Chapter 3B for illustrations of all signs and mounting height requirements. Refer to Chapter 4 for detailed construction drawings and mounting details.
Station Entry

**Sign Type A – Station Identification**
A1-A4, A6-A9

- Locate one A1 sign at each site entry plaza to be visible for both pedestrians and vehicles.
- When sign code does not permit A1, use A2.
- In higher density areas, where entry plazas are not available, A3 or A4 may be used in lieu of A1. Install perpendicular to pedestrian travel. At building corners, locate on each side to face both directions of travel.
- Locate one A6 or A7 sign at each facility entrance visible to pedestrians. Use A8 or A9 when space is restricted.
- Coordinate placement of A6-A9 sign with Variable Messaging System (VMS) display.

**Sign Type C – Customer Information**
C1-C6

- Locate 4 informational panels at each fare vending area adjacent to Ticket Vending Machines (TVM).
- Designate layout group C#.A with Line Map, How to Ride, Rider Conduct, Area Map/Rider Alert panels.
- Directional information shall be provided on C6 panel(s) when overhead directional is not available. Locate with C#.A information.

**Sign Type D – Directional**
D1-D5

- Locate directional signs at all decision points leading to/from the platform.
- Signs leading to the platform should indicate end-of-line destination when a choice of platform needs to be made (i.e. side platform stations).
- Signs leading away from platform should direct to exits first and then amenities.
- Coordinate placement with VMS display.
- Use F1.C when TVM and Sign Type C panels are located together.
- Use F3.A when Sign Type C panels are not immediately at station entrance. Locate at facility entrance to right of pedestrian path.
Elevator / Escalator / Public Stairs

ELEVATOR

Sign Type F – Facility
F1-F3

- Locate F1 / F2.J at elevators. Flag or fascia mount for best visibility from path of travel.

- Locate sign F3.A near call button. Primary content provides raised letter and braille station identification and elevator destination. [ADA]

ESCALATOR / PUBLIC STAIRS

Sign Type D – Directional
D1 - D5

- Locate directional sign(s) at all decision points leading to/from the platform. Locate away from escalator/stair thresholds for clear readability.

- Signs leading to the platform should indicate end-of-line destination.

- Signs leading away from platform should direct to exits first and then amenities.

- Coordinate placement with Variable Messaging System (VMS) displays. [DCM]

Sign Type R – Regulatory

- Locate R2.E at top and bottom of all escalators along upside/downside to correspond with pedestrian path. Can be located on adjacent walls.
Fare-Paid Zone Entry

Sign Type R – Regulatory
R5, R6, R7

- Delineate Fare-Paid Zone at platform entrance beyond fare vending area.
- At elevated and tunnel stations, delineate Fare-Paid Zone at elevator, escalator and stair lobby prior to elevation change.
- Locate R5/R6 overhead at Fare-Paid Zone delineation line.
- Locate smart card reader (ORCA reader) with R7 installed on both sides within 3 feet of delineation line. Align to create a portal of Fare-Paid Zone.
- When directional (Sign Type D1-D5) occur at same location, Fare-Paid Zone signs can be mounted above directional signs in stacked configuration, or side-by-side if there is room.

R2

- R2.F may be used in limited situations when no other alternatives to accommodate R5-R6 are available. Must be approved by Sound Transit.
### Platform

#### Sign Type B – Platform Identification
B1-B5
- The station name is required to be installed on at least one side of the platform, at 60 to 65-foot intervals on all platforms. Signs must be clearly visible within the sight lines of standing and sitting passengers from within the vehicle on both sides when not obstructed by another vehicle. [STADG]

#### Sign Type C – Customer Information
C1-C5
- Locate 4 information panels at center of platform. Designate layout group C#.B with Line Map, Area Map/Bike Map, Rider Conduct, Rider Alerts.
- Locate 2 information panels at approximately quarter platform and three-quarter platform to work with station design. Designate layout group C#.C with Line Map and Rider Conduct/Rider Alerts.
- Locate C6.E directional information with C#.B and C#.C when overhead directional is not available.

#### Sign Type D – Directional
D1 - D13
- Locate 4 directional signs perpendicular to platform. Primary message is end-of-line destination.
- Coordinate placement with three (min.) Variable Messaging System (VMS) displays located perpendicular to platform at center of platform, and at approximately third or quarter points depending on length of canopy. [DCM]
- Locate 4 directional signs parallel to the track at back of platform. Primary message is exit information and station amenities.

#### Sign Type F – Facility Amenity
F1, F2
- Locate F1.B at center platform, centered above information panels.

#### Sign Type R – Regulatory
R1, R2
- Regulatory information is displayed at the center of platform on sign C#.B, and at quarter and three-quarter platform on sign C#.C.
- Locate R1.I at quarter, center, and three-quarter platform on track side. Center below Sign Type B, platform ID, when applicable. At at-grade stations locate additional R1.I near each end of platform.
- Locate R1.J at end of platforms where Sound Transit employees access tracks.

#### Sign Type X – Operations
- Locate Train Stopping Marker on each platform at the leading edge of a two-car consist and four-car consist to align vehicle doors with Tactile Train Waiting Areas. [DCM]
- Locate third Train Stopping Marker on platform to accommodate reverse running trains.
- Train Stopping Markers to be mounted beyond the truncated domes on the platform side within 6-inches of the back edge of the truncated dome pavers. [DCM]
- Operations is responsible for final placement in the field.
Bus Stop / Paratransit Stop / Bicycle Parking

BUS STOP

Sign Type C – Customer Information
C6.F

• Bus schedule shall be prominently displayed on C6.F Bus Schedule panel(s) closest to the bus loading zone area. [DCM]

Sign Type E – Bus
E1-E2

• Locate at head of bus zone.

• Regular poles may be used at Sound Transit maintained facilities. Use breakaway poles on street and at facilities maintained by other agencies.

• Top of signs must be unobstructed for viewing distance of 150 feet.

E6

• Locate on E1/E2 pole facing the passenger waiting area.

PARATRANSIT STOP

Sign Type E – Paratransit
E3-E5

• Locate at head of paratransit stop.

• Regular poles may be used at Sound Transit maintained facilities. Use breakaway poles on street and at facilities maintained by other agencies.

• Bus and Paratransit stop may share zone if short-term parking can be accommodated.

BICYCLE PARKING

Sign Type C – Customer Information
C6.D

• Locate C6.D Bicycle Parking / Bike Map information panel at all Class 1 bicycle facilities. [DCM]

Sign Type F – Facility
F1/F2.D, F5

• Locate F1/F2.D at all Class 1 bicycle facilities.

• Flag of fascia mount for best visibility from path of travel.

• Locate F5 on the end of bike lockers. Only locate on side(s) of locker bank viewed from pedestrian path. For pie-shaped bike lockers, locate one F5 centered on front of locker bank.
Additional Criteria Sign Type A, B, D, E, F

Sign Type A – Station Identification
A5
- Identifies maintenance facilities. Location shall be visible to both pedestrians and vehicles.

A10 - A15
- At facilities where Sound Transit services are not the predominant service and no Sound Transit facility is involved, Sound Transit’s identity will be incorporated into the transit partner’s existing signs by appropriate use of a Regional “T” and ST Express logo decal.

Sign Type B – Platform Identification
B1 - B6
- Signs are mounted parallel to the track at back of platform for side platform station; center of platform for center platform station.
- Signs must be mounted at a height that is visible from inside the train. The distance from the train affects the mounting height.
- Sign Type B to be kept as close to minimum allowable height as possible to accommodate maximum visibility.
- Signs on platform should appear visually level along the length of the platform. Actual mounting heights may vary to accommodate platform slope and align with architectural structures.
- Pendant mounted signs to be no lower than 9'-0" AFF if open to circulation of pedestrians below. [DOM]
- Wall-mounted signs to be no lower than 8'-0" AFF if no circulation of pedestrians below. [DOM]
- Consider scale of station structure/canopy and alignment of signs in selecting sign heights.
- At tunnel stations only, Sign Type B mounted along wall across from platform to be mounted 5'-0" AFF.

Sign Type D – Directional
D6 - D15
- Use only when conditions do not allow for D1-D5.
- Use D15.A only when Bicycle Parking is not visible and conditions do not allow for overhead directional.
- D15.B when accessible path deviates from the primary pedestrian path.
- D15.C when TVM is not visible from station entrance and conditions do not allow for overhead directional.
- D15.D when TVM is not visible from station entrance and conditions do not allow for overhead directional.
- Pendant mounted signs to be no lower than 9'-0" AFF if open to circulation of pedestrians below. [DCM]
- Wall-mounted signs to be no lower than 8'-0" AFF. [DCM]
- Consider scale of station structure/canopy and alignment of signs in selecting sign heights.

Sign Type E
- At facilities not owned by Sound Transit terminology “Bus Bay” vs “Bus Zone” is coordinated with terminology used by transit partners.

Sign Type F
- Locate F1 or F2 signs above facility amenities: (F#.A) public phone, (F#.B) information panels, (F#.C) TVM, (F#.D)
**Additional Criteria**  
Sign Type G, R

- Bicycle parking, (F#.E, F.G) restrooms, (F#.H) baggage carts, (F#.I) accessible area/amenity, (F#.J) elevators, and (F#.K) passenger emergency telephones (PET).
- Locate F1.K at PETs when not located at C panels, TVM’s or center of platform. Locate F2.K if PET occurs with C panels, TVM’s or center of platform.
- Locate F3.A at station entrance, elevators and on platform. See page 3C-21 for content options.
- Locate F3.B at all TTY phones
- Locate F3.C at all public phones
- F4, Facility Hours, sign is required if C panels occur within locked area after-hours. Locate F4 outside of locked zone.
- F4, Facility Hours, to be located at parking garage entrances. Locate outside of locked zone. See page 3C-22 for layout options.

**Sign Type G – Vehicular guide**  
G1-G3, G5

- Locate directional signs at major decision points leading to drop-off areas and exits.
- Locate G4 at parking lot rows when parking lot is large enough to have separate sections. Assign letters A-Z as needed. At facilities not owned by Sound Transit, terminology “Park & Ride” vs “Parking Zone” is coordinated with terminology used by transit partners.

**Sign Type R – Regulatory**  
R1

- Locate R1.A, No Parking, where parking is not allowed.
- Locate R1.B, 15 Min Parking, at Passenger Pick-Up & Drop-Off spots along curb where drivers must remain at the wheel, waiting to pick-up a rider. Locate at Passenger Pick-Up & Drop-Off short-term parking stalls where drivers must remain at the wheel, waiting to pick-up a rider.
- Locate R1.C, 24 Hour Parking, at all parking lot and parking garage facilities. Locate on light poles wherever possible to reduce the number of additional poles needed.
- Locate R1.D, Reserved Parking, at the head of parking spot(s) reserved for Sound Transit security and police near major points of access to facility.
- Locate R1.E, Reserved Parking, at the head of parking spot(s) reserved for Sound Transit service vehicles near maintenance area.
- Locate R1.F, Accessible Parking, at the head of accessible parking spots.
- Pair R1.I, Danger, with R1.J, Authorized Personnel, when needed and appropriate.

**R2**

- Locate R2.A, No Smoking, on a site-specific basis to ensure enforcement and...
Additional Criteria Sign Type V, W

minimize sign clutter. Locate no closer than every 100 feet. Do not need R2.A where C#.A-C are located within 100 feet of each other.

• Locate R2.B, Driver Alert, at bus layover areas. Do not locate in bus bays.

• Locate R2.C, Danger, only at pedestrian path pinch points* between walls and edge of platform.

• Locate R2.D, Warning, only at pedestrian path pinch points* that pose a safety concern between stairs and edge of platform.

• Locate R2.F, Fare-Paid Zone, at edge of fare vending area when it is not possible to locate R5; or at station entrance when it is not possible to locate a C panel within 10 feet of station entrance.

R4

• Locate 1 at all parking lot and garage entrances.

• Locate within parking areas. Coordinate with Sound Transit. Avoid blocking vehicle traffic and views.

Sign Type V – Vehicle Signs

V1 or V2, V3

• V1/V2, Line Map, and V3, Regulatory, to be located inside light rail vehicles opposite each other, centered above vehicle doors.

• Locate V3, Regulatory, centered between rider alert holders.

• Locate V1/V2, Line Map, centered above door opposite V3.

V4

• Location to be coordinated with Operations.

Sign Type W – WSDOT

W1-W5

• Locate W1, W2 and W3 signs on major interstates and highways within one mile of the station.

• Locate W4 signs at end of interstate/highway exit ramps to direct to facilities where W1-W3 are used to sign exits.

• Locate W5 trailblazing signs on arterials within a 1/2 mile radius of facilities, and on neighborhood streets within 1/4 mile radius of facilities, as well as main pedestrian routes.[M]

• Consider on a site by site basis installation of trailblazing signs for major regional facilities.[M]

• Final locations are determined by jurisdictional owner of roadway. If WSDOT-owned, collaborate with WSDOT for location and WSDOT will install. If city-owned, collaborate with city traffic engineer for location and Sound Transit will install.

*Pinch Point: When physical structures obstruct someone's ability to quickly exit the area between the yellow line/domed tiles and the edge of the platform.
Additional Criteria Advertising Coordination

- Third-party advertising in customer information area may create visual overload and distract from customer information.

- Designate customer information zones for customer activity and transit information only. Customer information zones may include: elevators, doors and surrounding jamb area as customer information zones.

- Eliminate advertising in customer information zones including a minimum 2'-0" buffer zone. [DCM]

- Advertising shall not conflict, by placement or treatment with, or take priority over, operations, wayfinding, system signing, and information or art. Do not locate advertising where points of decisions are being made, customer information is provided, or where confusion may result due to its presence. Advertising shall be located so as not to conflict with visual legibility of emergency exits, particularly at platform level. [DCM]
## Sign Programming Checklist

<table>
<thead>
<tr>
<th>Station Name</th>
<th>Date/Phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1-D5, Directional</td>
<td></td>
</tr>
<tr>
<td>4 parallel to platform with exit &amp; amenity information</td>
<td></td>
</tr>
<tr>
<td>D6-D15, Directional (Med &amp; Sm)</td>
<td></td>
</tr>
<tr>
<td>when D1-D5 not possible</td>
<td></td>
</tr>
<tr>
<td>F1/F2.H, Baggage Carts</td>
<td></td>
</tr>
<tr>
<td>F1/F2.J, Elevator</td>
<td></td>
</tr>
<tr>
<td>E4 &amp; E5, Partner Paratransit</td>
<td></td>
</tr>
<tr>
<td>at paratransit stop managed by transit partner</td>
<td></td>
</tr>
<tr>
<td>F3.A, Tactile Station ID</td>
<td></td>
</tr>
<tr>
<td>1 at each elevator</td>
<td></td>
</tr>
<tr>
<td>F3.A, Tactile Station ID</td>
<td></td>
</tr>
<tr>
<td>1 at building entrance if required</td>
<td></td>
</tr>
<tr>
<td>F4, Facility Hours of Operation</td>
<td></td>
</tr>
<tr>
<td>at entry if locked after hours (Station/Parking Garage)</td>
<td></td>
</tr>
<tr>
<td>F5, Bike Locker</td>
<td></td>
</tr>
<tr>
<td>1 - 2 on each bank</td>
<td></td>
</tr>
</tbody>
</table>

### SIGN TYPE A STATION IDENTIFICATION

- **A1-A4, Site ID**
  - 1 at each site entry
- **A6-A9, Facility ID**
  - 1 at each facility entry

### SIGN TYPE B PLATFORM IDENTIFICATION

- **B1-B6, Platform ID**
  - 5-7 typical at each platform side

### SIGN TYPE C CUSTOMER INFORMATION

- **C#.A**
  - 1 at each ticket vending
- **C#.B**
  - 1 at center platform
- **C#.C**
  - 1 at 1/4 & 3/4 platform
- **C6.D**
  - 1 at bike storage
- **C6.E**
  - When overhead directional not available
- **C6.F**
  - At bus stops

### SIGN TYPE D DIRECTIONAL

- **D1-D5, Directional**
  - At all decision points leading to/from platform
- **D1-D5, Directional**
  - 4 perpendicular to platform edge indicating end of line destination

### SIGN TYPE E BUS

- **E1, ST Bus Bay**
  - at bus bay managed by ST
- **E2, Partner Bus Bay**
  - at bus bay managed by transit partner
- **E3, ST Paratransit**
  - at paratransit stop managed by ST
- **E4 & E5, Partner Paratransit**
  - at paratransit stop managed by transit partner
- **E6, Bus Bay Tactile**
  - at every bus & paratransit sign post

### SIGN TYPE F AMENITIES

- **F1/F2.A, Public Phone**
- **F1/F2.B, Information**
  - at Sign Type C without TVM & at center of platform
- **F1/F2.C, TVM**
  - at TVM & Sign Type C with TVMs at station entry
- **F1/F2.D**
  - 1 at Bicycle Parking
- **F1/F2.E, Restroom**
- **F1/F2.F, Mens Restroom**
- **F1/F2.G, Womens Restroom**
- **F1/F2.H, Baggage Carts**
- **F1/F2.J, Elevator**
- **F1/F2.K, Emergency Phone/PET**
  - at entrances & center of platform
- **F3.A, Tactile Station ID**
  - 1 at each elevator
- **F3.A, Tactile Station ID**
  - on platform at tactile strip(s)
- **F3.A, Tactile Station ID**
  - at building entrance if required
- **F4, Facility Hours of Operation**
  - at entry if locked after hours (Station/Parking Garage)
- **F5, Bike Locker**
  - 1 - 2 on each bank
- **F6, Bus Bay Tactile**
  - at every bus & paratransit sign post

### SIGN TYPE G GUIDE (VEHICLES)

- **G1-G3, Directional (Parking Structure)**
  - at major decision points leading to/from drop-off areas & exits (Parking Structure)
- **G4, Park & Ride**
  - if parking lot has multiple sections
- **G5, Directional (Parking Lot)**
  - at major decision points leading to/from drop-off areas & exits (Parking Lot)
Sign Programming Checklist

2A-14

SIGN TYPE R REGULATORY

R1.A, No Parking
R1.B, 15 Min Parking Limit
R1.C, 24 Hr Parking Limit
R1.D, ST Security & Police Parking Only
R1.E, ST Service Vehicle Parking Only
R1.F, Accessible Parking
R1.G, Van Accessible
R1.H, No Trespassing
R1.I, Danger No Trespassing
R1.J, Authorized Personnel Only
R1.K, Emergency Exit Only
R2.A, No Smoking
R2.B, Driver Alert
R2.C, Danger
R2.D, Warning
R2.E, Escalator Safety Rules
R2.F, Fare-Paid Zone
R2.G, Van Accessible
R2.H, No Trespassing
R2.I, Danger No Trespassing
R2.J, Authorized Personnel Only
R2.K, Emergency Exit Only
R3, Link Look Both Ways
R4, Parking Rules
R5/R6, Fare-Paid Zone
R7, ORCA Tap

SIGN TYPE X OPERATIONS

X1, Train Stopping Marker

3 per platform
Sounder Criteria

There are no current plans for expanding the Sounder system, therefore signage for Sounder stations will be maintained according to the System-Wide Signage Design Manual 2004 to assure continued consistency at the facility and within the Sounder system. The exception to this will be regulatory signage – Sign Type R.

In the event of retrofit or maintenance to Sounder facilities, use the following Sounder-only sign location criteria outlined below.

**Type B – Platform Identification**

Locate platform ID at 4-8 evenly spaced locations along each platform depending on platform length. Locate additional B signs at transit shelters if bus transit shelters are present.

B1.0, B2.0 [2004]

- For Sounder application only. Other B type signs may be used.

**Type F – Facility Amenity**

F1.0 [2004]

- Locate when more than one track is present, regardless of whether the platform is a side or center loading platform. Locate at 3-4 evenly spaced locations along platform(s). Not necessary when one track is used (at side or center loading platform).

F1.1 [2004]

- Located at King Street Station only in the event Amtrak’s Talgo trains were to park there. These are spot markers for the cars of the Talgo trains, and direct customers to their specific car. Not needed at any of the other station.

F4.0, F4.1, F5.0 [2004]

- All signs are located from centerline of mini-high to ensure trains stop lined up with mini-high platform. Signs align with engineer’s window on either side of train. Signs should be laid out identically on each platform to accommodate times when dual-tracking is necessary due to maintenance.

- Signs should be located far enough from the platform edge so as to avoid conflict with envelope of train.

F4.0 [2004] See Following Page

- Locate up to 4 per platform (numbered 3 thru 6) depending on length of train set being run through station (3-car set through 6-car set).

- Locate from centerline of mini-high to centerline of engineer’s window.

F4.1 [2004] See Following Page

- Locate 1 per platform north of mini-high. Exact location depends on length of train and location of ADA car.

- Locate 55.41 feet north from centerline of mini-high when ADA car is the first car in set.

- Locate 140.41 feet north from centerline of mini-high when ADA car is the second car in set.

F5.0 [2004] See Following Page

- Locate at center of mini-high.

- F1/F2.1 [2013] may be used instead to attach to existing pole, railing or other structure if centered on mini-high platform and visible from pedestrian path.
Sounder Criteria

Type R – Regulatory

Updated regulatory signs should be used for on-going maintenance at Sounder facilities. On layouts, contact information for enforcement referencing Sound Transit Police should be changed to: BNSF Police 800-832-5452. Sound Transit Police is not staffed in a way to enforce or respond to reported violators the entire length of the Sounder service. If violation is reported, BNSF will notify trains as well as contact appropriate local police.

R1.M
• Locate at ends of all platforms, by deceleration ramp.
• Do not use R1.I (Link only contact info) for Sounder applications, only use R1.M.

R1.N
• Locate in parking lots or station garages where Washington State Ferries is a transit partner. Locate where ferry parking is not permitted.

R2.C & R2.D
• Locate at pinch points* on platform. Pinch points occur more frequently on Sounder platforms due to the mini-high platform.

R3.A
• Locate at all pedestrian crossings of commuter rail tracks. Mount to railings or other poles whenever possible to reduce additional poles.
• Do not use R3 (Link only) for Sounder applications. Use only R3.A.

R8.A
• Locate 3-4 places along intertrack fence the length of the platform, facing each platform. Space evenly.
• On single track, place location near where intertrack fence would be if present.

R8.B
• Locate at vehicle and pedestrian crossings of commuter rail tracks. Mount to railings or other poles whenever possible to reduce additional poles.

*Pinch Point: When physical structures obstruct someone’s ability to quickly exit the area between the yellow lined areas and the edge of the platform.
Preparation of Customer Sign Documents

The following process details how customer sign documents shall be created for new facilities.

**Architectural Signage Documents process**

The station architects shall determine the sign locations based on the Customer Signage Design Manual, specifically the sign location criteria previously in section 2A. Customer signage documents will be prepared by the architect and included in the civil construction contract to explain the sign location, type of sign, heights and mounting details. The civil construction contract shall include all foundations, backing material and attachment plates necessary for the customer signs to be installed by the customer signage contractor. Holes and anchor bolts shall not be included in the civil construction contract. They will be installed or drilled by the customer signage contractor to ensure exact fit for base plates and mounting brackets.

The civil construction documents shall include the Signage General Notes and Sign Location Plan(s). The Signage General Notes provide sign elevations, overall sign dimensions, and mounting heights. Sign heights are provided to coordinate with all station elements. These will be reference drawings for the civil construction contractor.

The sign location plans illustrate locations of each sign. The sign location call-out shall include the station code, sign type, and sign layout type (see page 2B-3). Dimensions and detail references shall be included where necessary to indicate all mounting information to be provided by the civil construction contractor.

Drawing details shall clearly indicate the work required by the civil construction contractor. The signs shall be shown dashed to clearly indicate what will be installed by the customer signage contractor.

Customer sign locations shall be provided to Sound Transit for coordination and review by the Sound Transit Customer Signage Program Manager prior to the 60% architectural submittal and included in the 60% submittal. All customer signage details shall be coordinated with Sound Transit and finalized prior to the 90% submittal and included in that submittal.

**Signage Design Package process**

The Sound Transit Customer Signage Program Manager will prepare the Signage Design Package and the civil construction contract will be the basis of these documents. The sign location call-outs will be amended to include each sign’s unique location number. This number will tie to the signage message schedule. The signage message schedule will indicate all text and symbol information required for each sign face. Artwork for each sign will then be prepared by Sound Transit and included in a graphic file. The process for the review and completion of this work is identified in the Program Management section of Chapter 1, (see process chart on page 1C-4).

When Sound Transit has contracted with a separate signage contractor, the Signage Design Package will be provided to the customer signage contractor for pricing based on the contract’s unit prices. Once pricing has been agreed upon, Sound Transit will place the order for signs to be fabricated. When Sound Transit has elected an alternative procurement method (design/build) and customer signs are part of the design/build contractor’s scope of work, the document preparation process will remain the same until the Signage Design Package documents are complete. The pricing task will not be required, as the design/build contract will already include costs for this work.
Preparation of Customer Sign Documents

General information for preparation of documents

All Customer Sign Documents shall include only relevant information that communicates to Sound Transit, architects, contractors, sign fabricators and sign installers. Locations should be accurate but not necessarily to scale. For legibility, location marks can be exaggerated as shown in the examples on the following pages. Please follow all graphic conventions listed herein:


• For full size drawing, use ST Mono pen settings. When printing to 11x17, check scale line weights box.

• Freeze all xref’d dimensions, architectural callouts, building system linework, grading, reference callouts and clouds.

• Freeze hatches as necessary for legibility of sign location. Only hatches that inform sign context should remain. For example, floor patterns that delineate the platform from the track.

• Freeze all line work that illustrates overhead accessories except for the platform canopy.

• Freeze all text except for track direction and stationing.

• Keep gridlines and matchlines for reference.

• Keep street names for reference where applicable.

• Initially set all layers and xrefs to color 8 (gray). Then, assign the following pen settings:
  · Gridlines: color 1 (red)
  · Track centerlines: color 3 (green)
  · Sign location marks: color 6 (magenta), set global width to 5”
  · Sign callout boxes, leaders & arrows: color 5 (blue)
  · Sign callout text: color 2 (yellow)
  · General text: color 2 (yellow)
  · Site furnishings: color 2 (yellow)
  · Platform canopy: color 2 (yellow), linetype “Dashed 2”
Sign Location Symbol Standards & Protocols

- **Station code**: Abbreviation, assigned by Sound Transit, architect to document in “Architectural Signage Documents”
- **Unique location number**: 3-digit number that corresponds to signage message schedule. Architect to use “XXX” as a placeholder. Sound Transit to document in “Signage Design Package”
- **Sign type**: Alpha-numeric code to identify sign type, architect to document in “Architectural Signage Documents”
- **Layout type**: Letter corresponding to the specific sign layout. Include when applicable, architect to document in “Architectural Signage Documents”
- **Indication of primary sign face**: Callout should always point to Primary Sign Face
- **Indication of secondary sign face**: Open arrow points to second side of double-sided signs
- **Location marker**: Should be thicker than base plan line weight for visibility
1. All signage, including signage panels, pendants, poles, integral mounting brackets, and fasteners shall be provided and installed by the signage installer under a separate contract.

2. Contractor shall provide blocking and or attachment supports for signage as indicated in the signage schedule and at the location indicated in the signage plans.

3. Signs requiring blocking or attachment supports under this contract are identified by signage mounting types provided in the contract.

*For Civil Construction Contracts. Notes to be revised for Design/Build Procurements*
### Sample Signage Message Schedule

<table>
<thead>
<tr>
<th>Station Code</th>
<th>Sign Type</th>
<th>Sign No.</th>
<th>Side</th>
<th>Images</th>
<th>Message</th>
<th>Loc. Plan#</th>
<th>Orientation/Notes</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA</td>
<td>D1</td>
<td>301</td>
<td>▲</td>
<td></td>
<td>Buses</td>
<td>XXX-XXXX</td>
<td>Field Locate Install on south side of parking lot; field located.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>▲</td>
<td></td>
<td>Parking</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>▲</td>
<td></td>
<td>Tickets / ORCA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>▲</td>
<td></td>
<td>Parking</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STA</td>
<td>F1.D</td>
<td>501</td>
<td>▲</td>
<td></td>
<td>Bicycle</td>
<td>XXX-XXXX</td>
<td>Attach to bike cage steel frame</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>▲</td>
<td></td>
<td>Bicycle</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STA</td>
<td>F2.C</td>
<td>502</td>
<td>▲</td>
<td></td>
<td></td>
<td>XXX-XXXX</td>
<td>Attach to #4 shelter steel frame.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>▲</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STA</td>
<td>R1.C</td>
<td>701</td>
<td>▲</td>
<td></td>
<td>24 Hour Parking</td>
<td>XXX-XXXX</td>
<td>Field Locate Attach to light pole in same orientation as 8 other 24 Hour Parking signs already present.</td>
<td></td>
</tr>
</tbody>
</table>

Printed Jun 26, 2012 Sorted by Sign Type
Wayfinding Sign Message Principles and Objectives

Sound Transit has adopted a standardized approach to developing messages for wayfinding signage. This approach depends on three fundamental principles that are core to an effective sign program.

1. Clarity of Communication
2. Consistency of Messages
3. Simplicity of Presentation

Adherence to these principles helps to assure successful integration of wayfinding communication with the physical sign design. Having a nice-looking sign that doesn’t communicate well defeats the purpose of having a sign at all.

These principles support the Sound Transit objectives for signage and wayfinding as follows:

1. Provide information when and where it is most needed
2. Facilitate system-wide wayfinding
3. Provide clear communication the customers understand
4. Promote a seamless experience throughout the customer’s journey
5. Comply with the Americans with Disabilities Act
6. Follow Transit Cooperative Research Program (TCRP) guidelines
Directional Messaging Standards

Names have been determined for stations and facilities in the Sound Transit system. The names have been approved by the Sound Transit Board and are to be used without variation. The list is provided on pages 3A-7 and 3A-8.

In addition to facility naming, Sound Transit has adopted a standardized approach to messaging for wayfinding signage that includes international symbols, terminology, phrases and message organization. These standards are to be followed for all wayfinding and identification signage. Any variation from these established rules must receive appropriate approvals prior to any modifications.

The following rules apply:

1. Messages must be consistent and clear.
2. Directional messages are to be brief and supported with international symbols where appropriate.
3. Messages directing to destinations or services do not include intervening stairs, escalators and elevators as part of the message.
4. When directing to a group of amenities and services, they should be listed in the order that they are encountered. Once a destination in the sequence has been passed it can be dropped from the sign listing. If a sign in the series is in visual range of the destination, that destination can be dropped from that sign’s message listing.
5. Each destination in a group must be listed on a separate message line on the sign.
6. Never direct to a destination that is behind the viewer. Destinations must always be in front of or to either side of the viewer.
7. Messages must be organized into groups by direction of access. That is, groups to the right, straight ahead or to the left.
Directional Sign Message Hierarchy

The organization of directional messages is critical to clear concise signage. The following is a guide for how to structure this content.

**Station ingress message priority:**

1. Transit service with end-of-line destination*
2. Ticketing
3. Customer information
4. Accessible pathways (if other than the primary access route) including, wheelchair lift or ramp boarding
5. Park and ride lot or garage
6. Passenger drop-off or pick-up areas
7. Names of nearby streets in order of access
8. Amenities and services
   - Restrooms, bicycle parking, etc.

**Station egress message priority:**

1. Elevators (if located off of the primary pathway)
2. Names of streets associated with station exits
3. Landmarks or major destinations
4. Connecting transit services
5. Accessible pathway if not the primary egress route
6. Park and ride lot or garage
7. Passenger drop-off or pick-up area
8. Ticketing
9. Customer information
10. Amenities and services
    - Restrooms, bicycle parking, etc.

*Transit service message priority for Link Stations:

1. Consistent order of Sound Transit services
   - Link
   - Sounder
   - Buses
2. Consistent order of connecting services
   - Buses
   - Amtrak
   - Streetcars
   - Ferries
Messaging and Nomenclature Standards

The names of destinations and services should be used consistently throughout the signage program to enhance user understanding and simplify the organization of signs and messages. Adhere to the following list of approved nomenclature:

- Refer to Link Light Rail and Sounder Commuter Rail by business name only. “Link”, “Sounder”
- Refer to Sound Transit Express Bus as “ST Express”. Refer to Sound Transit Express Bus as “Bus” on all signs except bus stop ID. For bus stop ID use “ST Express”.
- Use the abbreviation “Ave” (Avenue), “St” (Street), “Blvd” (Boulevard) but always spell out “Road” and “Way”.
- Abbreviate N (North), S (South), E (East) and W (West).
- Do not use periods with abbreviations.
- Do not use commas to separate items but a slash or dash instead.
- Park & Ride is always singular. If multiple facilities are to be listed use Park & Ride A, B or C to differentiate between them.
- Never use logos in messages. Names such as Greyhound, Amtrak, etc. appear in the system font.
- Amtrak and Greyhound logos are used only on Line Map to show transfers and on Area Map to designate facilities.
- Transit Partner bus logos are only used on bus stop ID signs.
- Regulatory signs distinguish between “train” for Link and Sounder, and “bus” for all buses.
- Logos are used on certain regulatory signage.
- Use title case for sign headlines and subheads.
- Use sentence case for supporting statements, sentences and bullet points with the first word capitalized and all remaining words lowercase unless a formal noun.
- All caps may be used on regulatory signs to emphasize safety or to match partner agency standards.
- Bold lines of business names.
- North / South or Northbound / Southbound is not used for Link Light Rail.
- Use of modifiers such as “to” or “up to” are not used in messages, except for tactile messages.
- Use “&” rather than the word “and” in messages.
Samples of Messaging and Nomenclature Standards

**Link**

**Link** Northgate
ORCA Tap
Exit
Exit / 2nd St
Buses / Shuttles
Buses / 156th Ave
Buses
Bus Bays 1-4
Bus Bays 2-3 & 5-10
Customer Service
Rider Service Center
Tickets / ORCA
Public Restrooms
Bicycle Parking
Pedestrian Crossing

Passenger Drop-Off & Pick-Up
Parking
Parking Garage
Park & Ride A & C
Park & Ride B
More Parking
Public Parking
Parking Levels 5-6
Do Not Enter
Clearance 9'-0"
Level 4 / **Link** & Buses
Freeway Stops
Bellevue / Seattle Freeway Stop

**Sounder**

**Sounder** Track 1
**Sounder** Tickets

**Amtrak / Greyhound** Tickets

S Jackson St
N 40th
3rd Ave
International Blvd
Redmond Way
Avondale Road NE
Station Names

In order to preserve a uniform presentation, graphics will comply with the *Customer Signage Design Manual* for station and facility names:

- Use approved typefaces and fonts.
- Do not use logos as a station name or part of a station name.
- Use Link Light Rail station pictograms with station names on station ID signs, platform ID signs and maps. Do not use on directional signs.
- Use the reference to “Station” on Type A station ID entrance signs only.
- Do not use “To”, “From” or “Via”, except for messages on tactile signs.
- Abbreviate Ave, Blvd, and St, but not Road or Way.
- Do not use periods or commas in name displays.
- Maximum number of characters for station names is set at 30, including spaces, but not including “station”.

**UNCONTROLLED DOCUMENT**
Station Names Link Stations

TACOMA LINK STATIONS
Theater District/S 9th
Commerce Street/S 11th
Convention Center/S 15th
Union Station/S 19th
S 25th
Tacoma Dome

CENTRAL LINK STATIONS
Northgate
Roosevelt
U District
University of Washington Station
Capitol Hill Station
Westlake / Seattle
University Street
Pioneer Square
International District/Chinatown
Stadium
SODO
Beacon Hill
Mount Baker
Columbia City
Othello
Rainier Beach
Tukwila International Blvd
SeaTac/Airport
Angle Lake

NOTE:
Link station pictogram artwork to be provided by Sound Transit.
Station Names Sounder Stations

Everett Station
Mukilteo Station
Edmonds Station
King Street Station • Seattle
Tukwila Station
Kent Station
Auburn Station
Sumner Station
Puyallup Station
Tacoma Dome Station
South Tacoma Station
Lakewood Station
Station Names  ST Express

Bellevue Transit Center
Bonney Lake Park & Ride
Canyon Park Freeway Station
DuPont Station
Eastgate Freeway Station
Eastmont Park & Ride
Federal Way Transit Center
S 317th St
Issaquah Transit Center
Kirkland Transit Center

Lynnwood Transit Center
48th Ave W
Mercer Island Park & Ride
N Mercer Way
Mountlake Terrace Freeway Station
Overlake Transit Center
NE 40th St
S Everett Freeway Station
112th St SE
South Hill Park & Ride
Tacoma Dome Station
Totem Lake Freeway Station
Maps

Area maps

- The standard scale for area maps is ½ mile across. In high-density areas, the scale may need to be altered.

- Facilities should be positioned on area maps to include as many surrounding landmarks as possible.

- Landmarks included on area maps will follow the regional transit partners accepted list. In low-density areas, additional landmarks may be requested and are up to the Customer Signage Program Manager’s discretion.

- Building footprints are not noted. The names of buildings are placed in proper position only.

- Bus stop icons should be placed on the sides of the streets for stops in low-density areas (resulting in two icons for every stop zone). A route listing should be included with both icons. For high-density areas, a single bus icon can be used to represent the stop zone.

- Area maps should be oriented so that north is at the top.

Bike maps

- The standard scale for bike maps is 1½ miles across. Around each light rail station concentric dashed circles will indicate distance from station in ¼ mile increments.

- The primary purpose of bike maps is to show bicycle-specific infrastructure, such as: bike trails, on-street bicycle lanes, sharrows, sharrows with bicycle lanes on the uphill side, and signed bicycle routes. Facilities should be positioned on bike maps to include as many surrounding bicycle amenities as possible.

- Landmarks included on the bike maps will follow the station’s area map and regional transit partners accepted list. In low-density areas, additional landmarks may be requested and are up to the Customer Signage Program Manager’s discretion.

- Building footprints are not noted. The names of buildings are placed in proper position only.

- Bike maps should be oriented so that north is at the top.
Variable Messaging Systems (VMS)

- Primary purpose is rider alerts, safety messages, and 2 minute arrival notification.
- When not displaying primary information, utilize for secondary customer messages.
- Do not create visual clutter with unnecessary messages.

Dwell time
- 7-15 seconds. Test and adjust as needed.
- Consider slow readers in a visually distracting environment.
- Consider length of message: number of words, 1 or 2 lines.
- Consider viewing location, e.g., waiting area, path of travel. Displays in path of travel have a typical viewing time of 30-60 seconds by customer.
- Messages should change often enough to appear dynamic.

Primary & secondary messages
- Keep messages brief.
- Follow messaging and nomenclature conventions as closely as possible for directional signage (see page 3A-4).
- Break-up complex messages into short bursts.
- Mix longer and shorter messages to create a “pattern change” loop.
- Mix in use of graphic pattern to create a visual change.
- Avoid scrolling text if possible. Use other means for displaying longer messages: breaking up message into separate lines, using plain talk, separate message, etc.
- If scrolling text is required; scroll slowly horizontally. Allow 10-15 seconds for letters to travel across screen.

Secondary message
- Content: Date and time, Fare-Paid Zone, Pay Bus Fare on Board, Board this train and blank screen.
- Audio is not required for non-safety messages. Use visual messages only for secondary messages to reduce audio clutter.
Typography

- *Rotis SemiSerif Bold* is used for Station Names on Station ID (Type A) and Platform ID signs (Type B). Bus Bay Designator on Bus Bay Sign (Type E1) and Parking Designator on Park & Ride sign (Type G4).

- *Humanist 777 Condensed Regular* is used for all messaging on directional signs.

- *Humanist 777 Condensed Black* is used for lines of business (Link, Sounder and ST Express) and transit partners (i.e. Amtrak) when they appear within message to make them stand out.

- The proper kerning—the space between letters—is critical for legibility.

- All sign messages should appear in upper and lower case, “Title Case” except prepositions (and, to), and on certain customer information and regulatory signs where complete sentences are used.

- Upper case letters may be used on signs with tactile raised letters or on code-required signage as mandated by the governing agency.
NOTE:
Font use to be managed by Sound Transit design staff only.

Rotis
Rotis Semi Serif Bold was designed in 1989 by German designer Otl Aicher. After review with the vision advisory committee, this font was customized to meet Sound Transit’s specific needs, and is now a special font only available through Sound Transit. Rotis will serve as Sound Transit’s “feature” type which will be used to identify facility names.

Custom outlined ampersand (&) must be placed in layouts.
Typography Text Font

Humanist

*Humanist 777 Condensed* (regular, bold and black) will be the sign system’s “messaging” type face. It is a variation on Frutiger and is the “work horse” of the system’s body of text.
Typography
Highway Text Font

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

Clearview
*Clearview* to be used on highway and traffic signage only.

Clearview 2W

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

Clearview 3W

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

Clearview 5W

NOTE:
Font use to be managed by Sound Transit design staff only.
**Color**

- **METALLIC DARK BLUE**
  P1 Matthews Paint, MP31458  
  D1 Pantone 539

- **TEAL**
  P2 Matthews Paint, MP23643  
  D1 Pantone 321

- **RED**
  P3 Matthews Paint, MP00643  
  V3 3M Cardinal Red, 7725-53  
  P1 Pantone 485

- **YELLOW**
  P4 Matthews Paint, MP31456  
  V4 3M Sunflower, 7725-25  
  D1 Pantone 1235

- **BRIGHT BLUE**
  P5 Matthews Paint, MP2509  
  D1 Pantone 281

- **WHITE**
  P6 Matthews Paint, MP-N202  
  V6 3M White, 77-25-10

- **METALLIC SILVER (FINE)**
  P8 Matthews Paint, MP25129

- **ADA BLUE**
  P9 Matthews Paint, MP00366  
  V9 3M Intense Blue, 7725-47  
  D1 Pantone 300

- **NOT USED**
  P7

- **BLACK**
  P11 Matthews Paint, MP00643  
  V11 3M Black, 7725-12

**KEY:**
- P - Paint  
- V - Vinyl  
- D - Digital Print

**NOTE:**
Color swatches are reference only. Physical samples to be used for color matching. Paint colors have been matched in a MASTER Color Palette for Sound Transit which includes porcelain and vinyl equivalents and formulas.
Logos Regional Transit “T”

The “T” of the Regional Transit “T” mark always appears as a light element against a dark background.

Yellow “T” on Bright Blue

White “T” on Bright Blue

Black & White
Use when blue is not available

One Color
Define the oval shape with outline

Do Not Reverse Colors

Do Not Reverse the Mark
Logos Sound Transit

Sound Transit Corporate logo
To be provided by Sound Transit

Link Light Rail logo
To be provided by Sound Transit

Sound Transit Corporate logo
To be provided by Sound Transit

Link Light Rail logo
To be provided by Sound Transit

ST Express Bus logo
To be provided by Sound Transit
Logos Transit Partners

Note:
All symbols to be provided by Sound Transit. Use universal transit service symbols (see Page 3A-22) for Transit Partners not shown here.
Pictograms have been developed for each Link station. Studies show that pictograms may be memorized and recalled faster than words. Pictograms also provide station identification independent of language. Meaning is learned and recognition grows over time through consistent use.

As new stations and pictograms are added to the system, pictogram designs should be:

- Consistent in style within the series
- Easily distinguishable compared to others within the series
- Simple in form (size of elements, level of contrast and detail appropriate to be viewed from a distance and printed small)
Symbols Transit Arrows

Arrow

- Arrow direction should be restricted to 90-degree angles, with 45-degree angles used only when absolutely necessary. No other angles are permitted.

- Use only one arrow per any given direction per panel (i.e. there should not be two up arrows on the same panel).

- Typically, an arrow that points up indicates “straight ahead” although it is occasionally used at stairs, ramps or elevators to indicate a necessary upward change in level.

- Typically, an arrow that points down is not used (exceptions include identifying stairs, ramps or elevators to a lower level).

Note:
Arrow artwork to be provided by Sound Transit
Symbols Transit Services

- Parking
- Bus (Express or Transit Partners)
- Light Rail (Link)
- Train (Sounder or Amtrak)
- Monorail
- Streetcar
- Ferry
- Airport
- Bicycle Parking / Bike Access
- Drop-Off & Pick-Up Area
- Paratransit

Symbols

- Use only symbols included in the Design Standards section of this manual.
- On directional panels, symbols should not be used alone. They should be used with their corresponding message, destination or service.
- Symbols should not be used in combination to create compound words, phases or add “extra meaning”.

Note:
Symbol artwork to be provided by Sound Transit
Symbols Accessibility and Safety

Accessibility
- Accessible
- Text Telephone
- Elevator
- Volume Control Telephone
- Hearing Assisted Telephone
- Translation Services / Multiple Languages

Safety
- Crosswalk
- Activity May Be Monitored
- Warning: Slippery
- Emergency Exit
- Emergency Telephone

Note:
Symbol artwork to be provided by Sound Transit
Symbols Amenities, Environmental and Landmarks

- Information
- Telephone
- Mens Restroom
- Womens Restroom
- Restrooms
- Purchase
- ORCA Tap
- Tickets / Ticket Vending
- Tap ORCA at Yellow Card Reader
- Transfers
- Baggage Claim
- Luggage
- Holidays
- Lost & found
- Adverse Weather
- Pedestrian
- Trash
- Recycle
- Wetland (Interpretive Signage)

Note: Symbol artwork to be provided by Sound Transit
Symbols Regulatory

- Turn Volume Down
- Valid Fare Required
- Cover Beverages
- Use Trash Receptacles
- Walk Bicycles
- Tow-Away Zone
- No Parking
- No Entry (Vehicles)
- Turn Engine Off
- No Littering
- No Skateboarding
- No Rollerskating
- No Vandalizing
- No Two-Wheeled Scooters
- No Pedestrian Access in Yellow Zone
- Do Not Cross Roadway or Tracks
- No Pedestrian Access
- No Smoking
- No Food
- No Alcohol
- No Hazardous Materials
- No Pets
- No Bicycle Riding
- No Posting of Leaflets
- No Trailers
- No Trucks

Note:
Symbol artwork to be provided by Sound Transit
# Materials

This is a summary of production methods. See Chapter 4 Production Drawings for specific sign type fabrication methods.

<table>
<thead>
<tr>
<th>HARDWARE</th>
<th>Sign Types</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>R</th>
<th>V</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional &quot;T&quot;</td>
<td>Three-dimensional form in painted aluminum, bright blue background, yellow &quot;T&quot;</td>
<td>A1-A4</td>
<td></td>
<td></td>
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<tr>
<td>Posts</td>
<td>Aluminum, metallic silver paint</td>
<td>A1, A2, A10, B5, B6, C2-C5, E1, E3</td>
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<td></td>
<td></td>
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<td>X1</td>
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<tr>
<td>Bases</td>
<td>Cast aluminum, metallic silver paint</td>
<td>A1, A2, A5, A10, B5, B6, C2-C5, E1, E3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X1</td>
</tr>
<tr>
<td>Hardware Cuffs</td>
<td>Cast aluminum, metallic silver paint</td>
<td>A5</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Brackets</td>
<td>Cast aluminum, metallic silver paint</td>
<td>A1-A4, A10, B4, B6, C2-C5, E1, E3</td>
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<tr>
<td>Mounting Plate</td>
<td>Cast aluminum, metallic silver paint</td>
<td>A1-A4</td>
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<td></td>
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</tr>
<tr>
<td>Mounting Plate</td>
<td>Machined aluminum, metallic silver paint</td>
<td>A7, A9, A11-A13, B1-B2, D1, D2, D4-D13, F1, R5-R6, X1</td>
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<tr>
<td>Mounting Fins</td>
<td>Painted aluminum, metallic silver paint</td>
<td>A1-A9, B1-B6, C1-C6, D1-D13</td>
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<td></td>
<td>R5-R6</td>
</tr>
<tr>
<td>Caps</td>
<td>Machined aluminum, metallic silver paint</td>
<td>A1, A2, A5, A10, A15, B5, B6, C2-C5, E1-E4, R1 option 2</td>
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</tr>
</tbody>
</table>

| GRAPHIC PANELS             |                                                                           | C1-C5 | E6 | F3 | | | | | | | | |
| Tactile & Contracted Braille (Grade II) | Etched and painted Zinc                                               | C1-C5 | E6 | F3 | | | | | | | | |
| “T-Lite” & “Mini-T”        | Painted oval shaped aluminum panels, bright blue background, yellow "T" | A10-A15 | | | | | | | | | |
| Sign Panels                | Porcelain Enamel Panel                                                  | A1-A9, B1-B6, D1-D9 alt. | E1 | F1 alt., F2 alt. | R5, R6 | | | | | X1 |
| Sign Panels                | Painted aluminum panel, Digitally printed 3M adhesive vinyl with overlam | B6, C1-C6, D1-D15, E1-E5 | F4 | G4, G5 | R1-R4, R8 | | | | | |
| Sign Panels                | Aluminum panel, Digitally printed 3M adhesive vinyl with overlam        | B6, C1-C6 | | | | | | | | | R7, V1-V4 |
| Sign Panels                | Digitally printed 3M adhesive vinyl with overlam                        | | | | | | | | | | |
| Sign Panels                | Painted aluminum, Cut vinyl graphic                                     | | | | | | | | | | |
Sign Type A Station Identification

A1 Primary Link
Mounting Height: 9'-0"
Layout: Page 3C-2
Production Drawing: Page 4D-A.01
**Sign Type A** Station Identification

**A2 Alternate Link**

Mounting Height: 8'-0"
Layout: Page 3C-4
Production Drawing: Page 4D-A.05

Not For Construction
Scale: 3/8"=1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
**Sign Type A Station Identification**

**A3 Major Urban**

Mounting Height: 9'-0" min.
Layout: Page 3C-6
Production Drawing: Page 4D-A.07

---

**Not For Construction**

Scale: 3/8"=1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
**Sign Type A Station Identification**

**A4 Minor Urban**

Mounting Height: 9'-0" min.
Layout: Page 3C-6
Production Drawing: Page 4D-A.11

---

**SIGN ELEVATIONS**

Sign Type A
Station Identification

Not For Construction
Scale: 3/8" = 1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type A Station Identification

A5 Facility ID
Layout: Page 3C-7
Production Drawing: Page 4D-A.13

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type A Station Identification

A6 Major, Fascia Mount

Mounting Height: 8'-0" min., 9'-0" min. when circulation below
Layout: Page 3C-8
Production Drawing: Page 4D-A.16

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type A Station Identification

A7 Major, Pendant Mount

Mounting Height: 9'-0" min., 8'-0" min. allowed when no circulation below
Layout: Page 3C-8
Production Drawing: Page 4D-A.17

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type A Station Identification

A8 Minor, Fascia Mount
Mounting Height: 8'-0" min., 9'-0" when circulation below
Layout: Page 3C-10
Production Drawing: Page 4D-A.18

A9 Minor, Pendant Mount
Mounting Height: 9'-0" min., 8'-0" min. allowed when no circulation below
Layout: Page 3C-10
Production Drawing: Page 4D-A.19

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

SIGN ELEVATIONS

Sign Type A
Station Identification

Not For Construction
Scale: 3/8" = 1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type A Station Identification

A10-A14 “T-Lite”
Mounting Height: Site Specific. Coordinate with Transit partner.
Artwork: Provided by Sound Transit

A15 “T-Lite” Mini
Mounting Height: Site Specific. Coordinate with Transit partner.
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-A.26

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type B Platform Identification

B1 Pendant Mount
Mounting Height: 9'-0" min., 8'-0" min. allowed when no circulation below
Layout: Page 3C-12
Production Drawing: Page 4D-A.19

B2 Pendant Mount, Double-Sided
Mounting Height: 9'-0" min., 8'-0" min. allowed when no circulation below
Layout: Page 3C-12
Production Drawing: Page 4D-B.01

Mounting Height Note:

Signs should appear visually level down the length of the platform. Actual mounting heights may vary to accommodate platform slope and align with architectural structures.

Signs must be mounted at a height that is visible from inside the train. Mounting height is dependant on distance from the train.

Not For Construction
Scale: 1/2" = 1'-0"
**Sign Type B Platform Identification**

**B3 Fascia Mount**
Mounting Height: 8'-0" min., 9'-0" min. when circulation below
Layout: Page 3C-12
Production Drawing: Page 4D-A.18

**B4 OCS Pole Mount**
Mounting Height: 9'-0" min.
Layout: Page 3C-12
Production Drawing: Page 4D-B.02

**Mounting Height Note:**
Signs should appear visually level down the length of the platform. Actual mounting heights may vary to accommodate platform slope and align with architectural structures.

Signs must be mounted at a height that is visible from inside the train. Mounting height is dependant on distance from the train.

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type B Platform Identification

B5 Pole Mount
Mounting Height: 9'-0"
Layout: Page 3C-12
Production Drawing: Page 4D-B.03

Columbia City

Front

METALLIC SILVER CAST BASE

Side

METALLIC SILVER POST
**Sign Type B** Platform Identification

**B6 Pole Mount w/ Information Panels**

Mounting Height: 9'-0"
Platform ID Layout: Page 3C-12
Info Panel Layout: Page 3C-13
Production Drawing: Page 4D-B.03

---

**DARK BLUE**

Columbia City

**METALLIC SILVER**

**METALLIC SILVER POST**

**METALLIC SILVER CAST BASE**

---

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type C Customer Information

C1 Wall Mount, 2 or 4 Panels (Depending on Layout Option)

Mounting Height: 2'-0"
Production Drawing: Page 4D-C.01

Layout Options:
.A  Station Entrance (4 Panels)
.B  Center Platform (4 Panels)
.C  1/4, 3/4 Platform (2 Panels)

Layout Template: Page 3C-13, 3C-14

C6 Wall Mount, 1 Panel

Mounting Height: 2'-0"
Production Drawing: Page 4D-C.01

Layout Options:
.D  Bicycle Parking
.E  Directional
.F  Bus Schedule

Layout Template: Page 3C-13, 3C-14

Metallic Silver
**Sign Type C** Customer Information

### C2 Single Post, Single-Sided / C3 Single Post, Double-Sided
- **Mounting Height:** 2'-0"
- **Production Drawing:** Page 4D-C.02
- **Layout Template:** Page 3C-13, 3C-14

**Layout Options:**
- A Station Entrance
- B Center Platform
- C 1/4, 3/4 Platform
- D Bicycle Parking
- E Directional
- F Bus Schedule

### C4 Double Post, Single-Sided / C5 Double Post, Double-Sided
- **Mounting Height:** 2'-0"
- **Production Drawing:** Page 4D-C.04
- **Layout Template:** Page 3C-13, 3C-14

**Layout Options:**
- A Station Entrance
- B Center Platform
- C 1/4, 3/4 Platform
- D Bicycle Parking
- E Directional
- F Bus Schedule

---

**Not For Construction**

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

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

Not For Construction
Scale: 1" = 1'-0"
How to Ride Link

Tickets & Fare

The cost of riding Link is based on distance traveled.

Buy ticket or ORCA card and load ORCA card at ticket machines.

Tap ORCA card at yellow card reader before and after your ride.

Have fare ready for inspection within the Fare-Paid Zone. A valid ticket or ORCA card tap is proof of payment.

How to use ORCA

Use ORCA for easy transfers between public buses, trains and ferries. A Monthly Pass or E-purse can be purchased.

Adult ORCA cards can be purchased and reloaded at Link station ticket machines. Youth and Senior/Disabled ORCA cards can be purchased through customer service at a Transit Office.

Transfers

The ORCA card recalculates transfers automatically, and uses E-purse to cover the difference if your trip is longer than your pass value. The full transfer value is held on the card and will apply to the next bus or train if used within two hours.

Paper transfers are not accepted on any Sound Transit services.

Rider Information

If you have questions about Sound Transit fares, buses or trains, call 1-866-889-6368, TTY Relay: 711 or visit us online at www.soundtransit.org

Language Services

Gondanadae pote et laeb iument rerts cor as atum nostra delect excit vel et officic mi, utaququis intimente sa sam doluptas pos qui utmoeipas essiessse quoiae magnum cum natematore cent but quindicias pla dessequa omnemudiqua tota dist disti di tem excepta scitas nucinust, alliam, sam nonsequa pos sanctam sit cur, consae requam, sinihilla sapfel spogene ret, stiae sum sant volar quaessim dolore, ad quodif ut dolore sesequat esseque qui tempqi edis sendt quis et prope repetue albusam voluptat hic tet

Accessibility

Sound Transit makes accessibility easy for our riders with special needs.

- Link trains feature level boarding, so ramps or lifts are not needed.
- Doors open in front of each 6-foot-by-6-foot square of ribbed tactile pavers.
- Each Link car has two wheelchair priority areas.
- Set the brakes on your mobility device.

Paratransit Service

King County Metro provides paratransit service for Link. For more information, call Metro’s Accessible Services at 1-866-205-5001, TTY Relay: 1-877-748-4286.

Lost & Found

For items lost on Central Link, call King County Metro at 206-553-3000. Found items will be held for 30 days at 201 S. Jackson Street. Sound Transit is not responsible for any lost, stolen or misplaced items.
Rider Conduct

Artwork: Provided by Sound Transit

Passengers
- Hold personal items or store under the seat or overhead rack.
- Give seats to disabled riders and senior citizens.
- Service animals and pets in small containers are allowed.
- Turn audio volume down on the train.
- Shirts and shoes must be worn at all times.
- Do not tie down, place feet on seats or reserve places by putting items on seats.
- Do not harass other riders.
- Speak quietly with other riders.
- Keep your cell phone on vibrate.
- No eating.
- No hazardous, explosive or corrosive material.
- No unowable weapons or firearms.
- No soliciting.
- No loitering.
- Do not leave bags unattended.

For Your Safety
- Never race a train.
- Look both ways before crossing.
- Remove headphones before walking up to Link stations. Trains are very quiet; you may not hear them coming.
- Stand behind the yellow line on the platform.
- Stand back when the doors open and close.
- Do not try to stop the train after the doors have closed.
- Allow others to exit before boarding.

Bicycles
- Follow all traffic rules.
- Look after your safety and the safety of others.
- Walk your bicycle on vehicles, platforms and pedestrian bridges.
- Park your bicycle in racks or lockers only.
- Leave your bicycle behind in an emergency.
- Sound Transit is not responsible for any personal injury or loss.

On Trains
- Board cars only at doors marked with a bicycle symbol.
- Use storage marked with a bicycle symbol.
- Try another car if storage area is full.
- Do not store your bicycle in wheelchair and senior priority areas.
- Protect passengers from sharp edges on your bicycle.
- Keep aisles and exits clear.

On Buses
- Always load your bicycle from the curb.
- Alert the driver before loading your bicycle.
- At your stop, exit using the front door and tell the driver you are getting your bicycle.

Sound Transit is not responsible for any personal injury or loss.
For more information visit www.soundtransit.org/bicycles.

Customer Information

Sound Transit management assumes responsibility for all signs, symbols, messages and content within the system.

UNCONTROLLED DOCUMENT
See something suspicious?
Call 206-398-5268
security@soundtransit.org
In an emergency call 911

Holidays
Link trains run every day, but will run on a Sunday schedule on these major holidays:

Service Delays
Link trains may be delayed or canceled during bad weather, emergencies or other problems.

For information on the go, subscribe to email or cell phone alerts at www.soundtransit.org/subscribe or call 1-888-889-6369 for recorded rider alerts.

Plan other ways to your destination before service is delayed or canceled.
Link Rider Alerts

See something suspicious? Call 206-398-5268 or security@soundtransit.org.

In an emergency call 911.

🌟 Holidays
Link trains run every day, but will run a Sunday schedule on these major holidays: New Year’s Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving, and Christmas Day.

🌟 Service Delays
Link trains may be delayed or canceled during bad weather, emergencies or other problems.

For information on the go, subscribe to email or call phone alerts at www.soundtransit.org/subscribe or call 1-888-889-6368 for recorded rider alerts.

Plan other ways to your destination before service is delayed or canceled.
Rider Conduct / Rider Alerts

Rider Conduct

No Smoking
Green Bikes & Ped.
Walk Bicycles
Cross Traffic Signal
Action Plan May Be Modified

Proof of payment required before entering the Sound Transit system.

Link Rider Alerts

See something suspicious?
Call 206-398-5268
security@sounttransit.org
In an emergency call 911

Holidays
Link trains run every day, but will run a Sunday schedule on these major holidays:
New Year’s Day, Memorial Day, Fourth of July,
Labor Day, Thanksgiving and Christmas Day.

Service Delays
Link trains may be delayed or canceled during bad weather, emergencies or other problems.

For information on the go, subscribe to email or cell phone alerts at
www.soundtransit.org/subscribe or call
1-888-889-6388 for recorded rider alerts.

Plan other ways to your destination before service is delayed or canceled.

SIGN ELEVATIONS

See something?
Say something

CUSTOMER SIGNAGE
DESIGN MANUAL

Sound Transit management assumes responsibility for all signs, symbols, messages and content within the system.

UNCONTROLLED DOCUMENT
**Bicyclist Conduct**

### General Rules
- Follow all traffic rules.
- Look after your safety and the safety of others.
- Walk your bicycle on vehicles, platforms and pedestrian bridges.
- Park your bicycle in racks or lockers only.
- Leave your bicycle behind in an emergency.
- Sound Transit is not responsible for any personal injury or loss.

Please follow these rules on Sound Transit vehicles and at facilities. For more information visit www.soundtransit.org/bicycles.

### On Trains
- Board cars only at doors marked with a bicycle symbol.
- Use storage marked with a bicycle symbol.
- Try another car if storage area is full.
- Do not store your bicycle in wheelchair and senior priority areas.
- Protect passengers from sharp edges on your bicycle.
- Keep aisles and exits clear.

### On Buses
- Always load your bicycle from the curb.
- Alert the driver before loading your bicycle.
- At your stop, exit using the front door and tell the driver you are getting your bicycle.

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**Bike Map**

Map Key
- Sound Transit Station
- Accessible Elevator
- Passenger Boarding Platform
- Bicycle Holding
- Bus Stop
- Parking
- On-Board

---

**Sign Elevation**

Customer Information

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*Not For Construction*

Scale: NTS

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type C Customer Information

Directional
Artwork Provided by Sound Transit

← Link
Downtown Tacoma
Theater District
Tacoma Dome Station

→ Exit / 3rd Ave
Buses
Parking Garage A & B
No Smoking in Transit Facilities

RCW 9.91.025
**Sign Type D Directional**

**D1 Single Panel, Single-Sided / D2 Single Panel, Double-Sided**
Mounting Height: 9'-0" min.
Layout: Page 3C-15
Production Drawing: Page 4D-D.01

**D4 Single Panel, Single-Sided / D5 Single Panel, Double-Sided**
Mounting Height: 9'-0" min.
Layout: Page 3C-16
Production Drawing: Page 4D-D.02

**D3 Fascia Mount**
Mounting Height: 8'-0" min.
Layout: Page 3C-15
Production Drawing: Page 4D-D.07

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**CUSTOMER SIGNAGE DESIGN MANUAL**

**SIGN ELEVATIONS**

**Sign Type D**
Directional

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Not For Construction
Scale: 1/2")=1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
**Sign Type D Directional**

**D6 Double Panel, Single-Sided / D7 Double Panel, Double-Sided**
Mounting Height: 9'-0" min.
Layout: Page 3C-15
Production Drawing: Page 4D-D.01

**D8 Double Panel, Single-Sided / D9 Double Panel, Double-Sided**
Mounting Height: 9'-0" min.
Layout: Page 3C-16
Production Drawing: Page 4D-D.03

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
**Sign Type D** Directional

**D10 Triple Panel, Single-Sided / D11 Triple Panel, Double-Sided**
Mounting Height: 9'-0" min.
Layout: Page 3C-15
Production Drawing: Page 4D-D.01

**D12 Triple Panel, Single-Sided / D13 Triple Panel, Double-Sided**
Mounting Height: 9'-0" min.
Layout: Page 3C-16
Production Drawing: Page 4D-D.03

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Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type D Directional

D14 Medium
Mounting Height: 4'-0"
Layout: Page 3C-17
Production Drawing: Page 4D-D.08

D15 Small
Mounting Height: 4'-0"
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-D.08

Not For Construction
Scale: 1/2"=1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
**Sign Type E Bus**

**E1 ST Bus Bay**
- Mounting Height: 7'-9"
- Layout: Page 3C-18, 3C-19
- Production Drawing: Page 4D-E.01

**E2 Partner Bus Bay**
- Mounting Height: 7'-10"
- Layout: Page 3C-19
- Production Drawing: Page 4D-E.01

**Transit Partner Breakaway Post**
- Metallic Silver Post and Base
- Panel Thickness: .187"

**SIGN ELEVATIONS**

**Not For Construction**
- Scale: 1/2" = 1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type E Bus

**E3 ST Paratransit**
Mounting Height: 7'-9"
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-E.03

**E4 Partner Paratransit**
Mounting Height: 7'-10"
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-E.03

**E5 Partner Paratransit, Wall Mount**
Mounting Height: 7'-10"
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-E.04

**E6 Bus Bay Tactile**
Mounting Height: 4'-0"
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-E.05

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
**Sign Type F Facility**

**F1 Flag Mount, Double-Sided**
Mounting Height: 9'-0" min.
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-F01

**F2 Facia Mount**
Mounting Height: 8'-0" min, 9'-0" min. when circulation below
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-F03

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UNCONTROLLED DOCUMENT

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Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type F Facility

F3 Tactile
Mounting Height: 4'-0"
Layout (.A): Page 3C-21
Artwork (.B & .C): Provided by Sound Transit
Production Drawing: Page 4D-F04

F4 Facility Hours
Mounting Height: 4'-0"
Layout: Page 3C-22
Production Drawing: Page 4D-F04

ENLARGED VIEW

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
**Sign Type F** Facility

**FS Bike Lockers**
Mounting Height: 2'-6''
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-F04

---

**ENLARGED VIEW**

---

**Not For Construction**
Scale: 1/2" = 1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type G Guide

G1 Entry ID
Mounting Height: 9'-0" min. or no lower than bottom of structure
Layout: Page 3C-23
Production Drawing: Page 4D-G.01

Do Not Enter

DARK BLUE

UNCONTROLLED DOCUMENT
Sign Type G Guide

G2 Directional, Minor
Mounting Height: 9'-0" or no lower than bottom of structure
Layout: Page 3C-24
Production Drawing: Page 4D-G.01

G3 Directional, Major
Mounting Height: 9'-0" or no lower than bottom of structure
Layout: Page 3C-24
Production Drawing: Page 4D-G.01

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
**Sign Type G** Guide

G4 Park & Ride
Mounting Height: 10'-0"
Layout: Page 3C-25
Production Drawing: Page 4D-G.02

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

G5 Directional, Post Mount
Mounting Height: 4'-0"
Layout: Page 3C-26
Production Drawing: Page 4D-G.02

Sound Transit to develop Layout and Production Drawings.

Not For Construction
Scale: 1/2" = 1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type R Regulatory

R1 Major
Mounting Height: 4'-0"
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-R.01

Enlarged View

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
**Sign Type R** Regulatory

R2 Minor
Mounting Height: 4'-0"
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-R.03

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For your safety, use elevators:

**Note:** Location to buy tickets varies per station condition

---

**SIGN ELEVATIONS**

**Sign Type R**

Regulatory

Not For Construction

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

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type R Regulatory

R3 Caution, Pole Mount
Mounting Height: 5'-0''
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-R.04

R3 Caution, Railing Mount
Mounting Height: Center on railing
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-R.04

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type R Regulatory

R4 Parking
Mounting Height: 4'-0"
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-G.02

Facility Regulations & Usage Guidelines

The facility is owned and operated by Sound Transit and is only for transit customers and other authorized individuals. Parking of non-transit vehicle is subject to approval by Sound Transit. Persons not authorized by Sound Transit or persons involved in unauthorized activities are subject to prosecution for the crime of criminal trespass under applicable ordinances. Sound Transit reserves the right to change the policy regarding use of this facility.

When using this Park-and-Ride Lot:

- Arrive with enough time to unlock your lock or turn off locking devices.
- Don’t leave valuables in car.
- Help prevent identity theft. Retrieve paycheck and social security card from your wallet in transit or other secure location.

Sound Transit is not responsible for property damage, personal injury, or loss or damage to a vehicle or its contents from fire, theft, collision or any cause whatever. This is not a contract of bailment. Sound Transit is not an insurer and does not guarantee protection.

Unauthorized Activities:

- Camping in vehicle
- Camping on Sound Transit property
- Defacing Sound Transit property
- Drunk parking
- Dumping waste or garbage
- Dormant vehicle/multi-year storage
- Unauthorized building vehicle structures
- Unauthorized vehicles
- Other activities as defined by Sound Transit

Violations for Immediate Impound

Parking anywhere except in marked stalls, as well as the following violations will cause for immediate impound, unless written permission has been obtained from Sound Transit:

- Unauthorized vehicle
- Impeding pedestrian or other vehicle
- Parking in "No Parking" space with no valid permit
- Blocking more than one parking space
- Parking with trailer attached
- Unauthorized vehicles
- Unauthorized vehicles on private property
- Use of vehicle for commercial or personal use

Questions?
Call Sound Transit at 1-800-872-4663 (TTY 711)

Violator’s vehicle will be impounded and towed 24 hours daily or owner’s risk and expense.

LOAD LIMIT: 10,000 lbs. Licensed G.V.W.

UNCONTROLLED DOCUMENT
**Sign Type R** Regulatory

**R5 Fare Zone**
Mounting Height: 9'-0" Min.
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-A.19

**R6 Fare Zone, Double-Sided**
Mounting Height: 9'-0" Min.
Front Artwork: Provided by Sound Transit
Back Layout: Page 3C-15
Production Drawing: Page 4D-B.01

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type R Regulatory

R7 ORCA Reader
Mounting Height: On side of ORCA Reader
Artwork: Provided by Sound Transit
Production Drawing: Page 4D-R.05

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

Not For Construction
Scale: 1/2" = 1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Do not cross railroad tracks when gates, bells and/or warning lights are operating. Violators will be prosecuted.

Enforced by Sound Transit, BNSF Railway and local police.

RCW 46.61.050 and RCW 46.61.269
**Sign Type V Vehicle**

**V1 Central Line Map (54"x14")**
Mounting Height: Centered above Link vehicle door
Artwork: Provided by Sound Transit (placeholder shown)
Production Drawing: 4D-V.01

**V2 Tacoma Line Map (22"x7")**
Mounting Height: Centered above Link vehicle door
Artwork: Provided by Sound Transit (placeholder shown)
Production Drawing: 4D-V.01

**V3 Regulatory (11" x 14")**
Mounting Height: Centered above Link vehicle door between rider alert holders
Artwork: Provided by Sound Transit (placeholder shown)
Production Drawing: 4D-V.01

**V4 Bicycle Conduct - Link (1'-11 5/8"x10 3/4)**
Mounting Height: Varies
Artwork: Provided by Sound Transit (placeholder shown)
Production Drawing: 4D-V.01

---

**Passenger Conduct**

- Pay the correct fare
- Have ORCA cards and tickets ready to show a fare enforcement officer
- Hold personal items or place them in the overhead rack or under the seat, do not leave bags unattended
- Respect the privacy of other passengers
- Service animals and pets in small containers are allowed
- Use headphones, turn down volume
- Carry food and drinks in closed containers
- Skirts and shoes must be worn at all times
- Do not lean on or place feet on seats
- Do not disturb the operator while driving
- Do not harass other riders
- Do not be loud or carry alcohol
- No smoking, sneaking or littering
- No alcohol
- No hazardous, explosive or corrosive materials
- No unlawful weapons or firearms
- No soliciting
- Stay with bicycles.

We appreciate your help. Violators may be asked to leave the vehicle and are subject to civil or criminal penalties under law (RCW 9.61.025 and RCW 9A.36.073).
Sign Type W WSDOT

W1
Mounting Height: Per WSDOT
Layout: Page 3C-27
Fabricated by WSDOT

W2
Mounting Height: Per WSDOT
Layout: Page 3C-28
Fabricated by WSDOT

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

Not For Construction
Scale: 1/4" = 1'-0"
Sign Type W WSDOT

W3
Mounting Height: Per WSDOT
Layout: Page 3C-29
Fabricated by WSDOT

W4
Mounting Height: Per WSDOT
Layout: Page 3C-30
Fabricated by WSDOT

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type W WSDOT

W5
Mounting Height: Per WSDOT
Layout: Page 3C-31, 3C-32
Fabricated by WSDOT

Not For Construction
Scale: 1/2"=1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type X Operations

X1 Link Train Stopping Marker
Production Drawing: Page 4X.01
Artwork: Provided by Sound Transit

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Station Pictograms

PLACEMENT GUIDE: CIRCLE USED FOR CONSISTENT SIZING & PLACING OF PICTOGRAMS, DO NOT PRINT

STATION PICTOGRAM

Northgate
Westlake / Seattle

Roosevelt
University Street

U District
Pioneer Square

University of Washington
International District / Chinatown

Capitol Hill
Stadium

SODO
Beacon Hill

Mount Baker
Columbia City

Othello
Rainier Beach

Tukwila International Blvd
SeaTac / Airport

Angle Lake

Sign Types include:
A1 / A2 / A6 / A7 / A8 / A9
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

Not For Construction
Scale: 1" = 1'-0"

---

**A1 Typical**

**Stadium Station**

- **BGKRD:** Color #1 Dark blue
- **PICTOGRAM:** Color #6 White
- **TYPE:** Rotis Alt Bold, Tracking 25 pt Left Align Color #6 White
- **RULE LINE:** 1/8" Thick Color #6 White
- **SYMBOLS:** Color #6 White

2 LINES

- 3'-0"
- 4"

**Pioneer Square Station**

3 LINES

- 1'-0"
- 1'-4"
- 2"
**A1 Option for longer names**

**NOTE:** For longer Station Names, decrease left margin and decrease text by 1/4” increments, to a minimum of 3”

<table>
<thead>
<tr>
<th>2 LINES</th>
<th>3 LINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

**Northgate Station**

**Mountlake Terrace Station**

**Type:** Rotis Alt, Bold, Tracking 25 pt, Left Align, Color #6 White

**Background:** Color #1 Dark Blue

**Pictogram:** TBD Color #6 White

**Rule Line:** 1/8” Thick Color #6 White

**Symbols:** Color #6 White

---

**LAYOUT TEMPLATES**

**Sign Type A**

Station Identification

**Not For Construction**

Scale: 1” = 1'-0”

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

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**UNCONTROLLED DOCUMENT**
A2 Typical

Stadium Station

Pioneer Square Station

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
**A2** Option for longer names

NOTE: For longer Station Names, decrease left margin and decrease text by 1/4" increments, to a minimum of 3"

---

**BKGND:**
COLOR #1
DARK BLUE

**PICTOGRAM:**
TBD
COLOR #6
WHITE

**TYPES:**
ROTIS ALT. BOLD, TRACKING 25 PT
LEFT ALIGN
COLOR #6
WHITE

**RULE LINE:**
1/8" THICK
COLOR #6
WHITE

**SYMBOLS:**
COLOR #6
WHITE

---

**Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.**
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

LAYOUT TEMPLATES

Sign Type A
Station Identification

Not For Construction
Scale: 1" = 1'-0"
Tacoma Link Operations

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
A6 / A7 Typical

1 LINE

SeaTac/Airport Station

PICTOGRAM:
COLOR #6 / WHITE

TYPE:
ROTIS ALT, BOLD,
TRACKING 25 PT
COLOR #6 / WHITE

BKGRD:
COLOR #1 / DARK BLUE

8'-0"

3"

9"

2 LINES, 2 MESSAGES

Columbia City Station

S Edmunds St

PICTOGRAM:
COLOR #6 / WHITE

TYPE:
ROTIS ALT, BOLD,
TRACKING 25 PT
COLOR #6 / WHITE

BKGRD:
COLOR #1 / DARK BLUE

8" 2 1/2"

5 1/2"

UNCONTROLLED DOCUMENT

CUSTOMER SIGNAGE DESIGN MANUAL

LAYOUT TEMPLATES

Sign Type A
Station Identification

Not For Construction
Scale: 1" = 1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
A6 / A7 Option for longer names

NOTE: For longer Station Names, decrease text by 1/4" increments, to a minimum of 3"

1 LINE

2 LINE, 2 MESSAGES

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
A8 / A9 Typical

1 LINE

SeaTac/Airport Station

PICTOGRAM:
COLOR #6 / WHITE

TYPE:
ROTIS ALT. BOLD,
TRACKING 25 PT
COLOR #6 / WHITE

BKGRD:
COLOR #1 / DARK BLUE

ADJUST OVERLAP AS NEEDED
TO ACCOMMODATE DESCENDERS

2 LINE, 2 MESSAGES

Columbia City Station
S Edmunds St

PICTOGRAM:
COLOR #6 / WHITE

TYPE:
ROTIS ALT. BOLD,
TRACKING 25 PT
COLOR #6 / WHITE

BKGRD:
COLOR #1 / DARK BLUE

ADJUST OVERLAP AS NEEDED
TO ACCOMMODATE DESCENDERS

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
A8 / A9 Option for longer names
NOTE: For longer Station Names, decrease text by 1/4" increments, to a minimum of 3"

1 LINE

Westlake / Seattle Station

PICTOGRAM:
COLOR #6 / WHITE

TYPE:
ROTIS ALT. BOLD,
TRACKING 25 PT
COLOR #6 / WHITE

BKGRD:
COLOR #1 / DARK BLUE

2 LINE

University of Washington
Station

LAYOUT TEMPLATES

Sign Type A
Station Identification

Not For Construction
Scale: 1" = 1' - 0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
NOTE: For B2 second-side directional layouts, see page 3C-15

NOTE: For longer Station Names, decrease text by 1/4" increments, to a minimum of 3"

Sign Type B
Platform Identification

Scale: 1" = 1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

When messaging includes line colors, replace symbols with line color designation. See page X-5.
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

Sign Type E
Bus

1 1/2" = 1'-0"
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sign Type E
Bus

Not For Construction
Scale: 3" = 1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
<table>
<thead>
<tr>
<th>TACTILE STATION ID</th>
<th>TACTILE PLATFORM ID</th>
<th>TACTILE PLATFORM ID AT ELEVATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STATION NAME, INCLUDE “STATION”</strong></td>
<td><strong>STATION NAME</strong></td>
<td><strong>STATION NAME</strong></td>
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<tr>
<td><strong>DIRECTION OF TRAVEL</strong></td>
<td><strong>DIRECTION OF TRAVEL</strong></td>
<td><strong>ELEVATOR DIRECTION</strong></td>
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<tr>
<td><strong>ADD’L MESSAGE IF APPLICABLE</strong></td>
<td><strong>EXIT MESSAGE IF APPLICABLE</strong></td>
<td><strong>DIRECTION OF TRAVEL</strong></td>
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<td><strong>TACTILE TYPE:</strong></td>
<td><strong>TACTILE TYPE:</strong></td>
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<td><strong>TACTILE BRAILLE:</strong></td>
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<tr>
<td><strong>ELEVATOR DIRECTION</strong></td>
<td><strong>ELEVATOR DIRECTION</strong></td>
<td><strong>ELEVATOR DOWN</strong></td>
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<tr>
<td><strong>OPEN DURING</strong></td>
<td><strong>EXIT RIGHT</strong></td>
<td><strong>LINK TO</strong></td>
</tr>
<tr>
<td><strong>SERVICE HOURS</strong></td>
<td><strong>3RD AVE</strong></td>
<td><strong>LYNNWOOD</strong></td>
</tr>
<tr>
<td><strong>EXIT LEFT</strong></td>
<td><strong>2ND AVE</strong></td>
<td><strong>LYNNWOOD</strong></td>
</tr>
<tr>
<td><strong>LINK TO</strong></td>
<td><strong>EXIT RIGHT</strong></td>
<td><strong>EXIT RIGHT</strong></td>
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<tr>
<td><strong>LYNNWOOD</strong></td>
<td><strong>3RD AVE</strong></td>
<td><strong>EXIT LEFT</strong></td>
</tr>
<tr>
<td><strong>ELEVATOR DOWN</strong></td>
<td><strong>EXIT LEFT</strong></td>
<td><strong>2ND AVE</strong></td>
</tr>
</tbody>
</table>
Open Monday-Saturday 5 a.m.-1 a.m.
Sunday & holidays 6 a.m.-midnight

When the tunnel is closed, tunnel routes will serve the following locations:

Route: 41, 301
4th Ave S transit island at S Jackson St

Route: 71, 72, 73, 74
West on S Jackson St & 4th Ave S

Route: 101, 106, 150
3rd Ave S & S Main St

Route: 174, 176
1st Ave S & S Jackson St

Route: 212, 217, 225, 229, 550
5th Ave S & S Jackson St

Route: 255, 256
5th Ave S & 3rd Jackson St

For more information:
206-553-3000 or www.kingcounty.gov/metro

Kent Station
Garage

HOURS OF OPERATION
5 a.m. - 2:30 a.m.
Weekdays
6:30 a.m. - 2:30 a.m.
Weekends and Holidays

When the garage is closed, transit parking is available at the surface lots next to the station.

Not responsible for loss from theft, property damage or personal injury.

For after hours release, call 206-398-5268 or 206-396-8901.
Do Not Enter

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

Not For Construction
Scale: 3/4" = 1'-0"

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
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Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

**Sign Type W**

**WSDOT**

**Not For Construction**

**Scale:** 1" = 1'-0"
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
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<th>Color Code</th>
<th>Expression</th>
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<td>METALLIC DARK BLUE</td>
<td>P1</td>
<td>Matthews Paint</td>
<td>MP31456</td>
<td>D1 Pantone 539</td>
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<td>TEAL</td>
<td>P2</td>
<td>Matthews Paint</td>
<td>MP23643</td>
<td>D1 Pantone 321</td>
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<td>RED</td>
<td>P3</td>
<td>Matthews Paint</td>
<td>MP06443</td>
<td>V3 3M Cardinal Red, 7725-53</td>
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<td>P1 Pantone 485</td>
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<td>METALLIC SILVER (FINE)</td>
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<td>Matthews Paint</td>
<td>MP-N202</td>
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<td>YELLOW</td>
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<td>Matthews Paint</td>
<td>MP1456</td>
<td>V4 3M Sunflower, 7725-25</td>
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<td>D1 Pantone 290</td>
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<td>ADA BLUE</td>
<td>P8</td>
<td>Matthews Paint</td>
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<td>V9 3M Intense Blue, 7725-47</td>
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### Materials

#### NOT USED

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#### Sign Types

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<th>Hardware</th>
<th>Sign Types</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>R</th>
<th>V</th>
<th>X</th>
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<tbody>
<tr>
<td>Regional “T”</td>
<td>Three-dimensional form in painted aluminum, bright blue background, yellow “T”</td>
<td>A1-A4</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>E1, E3</td>
<td></td>
<td>X1</td>
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<tr>
<td>Posts</td>
<td>Aluminum, metallic silver paint</td>
<td>A1, A2, A10</td>
<td>B5, B6</td>
<td>C2-C5</td>
<td>E1, E3</td>
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<td>X1</td>
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<td>Bases</td>
<td>Cast aluminum, metallic silver paint</td>
<td>A1, A2, A9, A10</td>
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<td>C2-C5</td>
<td>E1, E3</td>
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<td></td>
<td></td>
<td></td>
<td>X1</td>
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<tr>
<td>Hardware Cuffs</td>
<td>Cast aluminum, metallic silver paint</td>
<td>A5</td>
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<tr>
<td>Brackets</td>
<td>Cast aluminum, metallic silver paint</td>
<td>A1-A4, A10</td>
<td>B6, B6</td>
<td>C2-C5</td>
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<td></td>
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<td>X1</td>
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<td>Mounting Plate</td>
<td>Cast aluminum, metallic silver paint</td>
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<tr>
<td>Mounting Plate</td>
<td>Machined aluminum, metallic silver paint</td>
<td>A2, A9, A10, A11</td>
<td>B1-B2</td>
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<td>F1</td>
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<td>Painted aluminum, metallic silver paint</td>
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<td>B1-B6</td>
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</tr>
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<td>F100-2</td>
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<td>A10-A15S</td>
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<tr>
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<td>E1</td>
</tr>
<tr>
<td>Sign Panels</td>
<td>Painted aluminum panel, Digitally printed 3M adhesive vinyl with overlay</td>
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<td>D1-D15</td>
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</tr>
<tr>
<td>Sign Panels</td>
<td>Aluminum panel, Digitally printed 3M adhesive vinyl with overlay</td>
<td>B6</td>
<td>C1-C6</td>
<td>E4</td>
<td>G4, G5</td>
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<tr>
<td>Sign Panels</td>
<td>Digitally printed 3M adhesive vinyl with overlay</td>
<td>F5</td>
<td>option 2</td>
<td>K7</td>
<td>V1-A4</td>
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<tr>
<td>Sign Panels</td>
<td>Painted aluminum, Cut vinyl graphic</td>
<td>E2</td>
<td>F1, F2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes

- Color choices are reference only. Physical samples to be used for color matching. Paint colors have been matched in a MASTER Color Palette for Sound Transit which includes porcelain and vinyl equivalents and formulas.

- The production drawings are not for construction. Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
General Structural Notes

Concrete:
- Concrete used in thickened slab areas shall be the same as the surrounding slab. Concrete used in isolated foundations as shown in these drawings shall meet the following requirements. If the following requirements are substantially the same as those for other portions of the project, the contractor may submit a substitution request to utilize the mix used elsewhere at the particular isolated foundations.
- Mixing and placing of all concrete and selection of materials shall be in accordance with the Building Code. Proportions of aggregate to cement shall be such to produce a dense, workable mix which can be placed without segregation or excess free surface water. All concrete including slabs in ground, shall have an acceptable water-reducing admixture added in accordance with manufacturer’s directions. In addition, all concrete shall contain an acceptable admixture to produce 4 to 6 percent entrained air.
- Maximum size of aggregate shall be 1 1/2” in footings and thickened slabs and 3/4” in pedestals. Maximum size of aggregate shall not be more than three-quarters of the clear distance between reinforcing bars. Maximum size of aggregate for slabs on ground shall be one-third the thickness of the slab.
- Mix designs shall be submitted to the engineer for acceptance prior to use. Maximum water to cement ratio and slump shall be as follows for various concrete strengths (f’c) based on standard 28-day cylinder tests when strength data from trial batches or field experience are not available.

<table>
<thead>
<tr>
<th>f’c</th>
<th>W/C Ratio</th>
<th>Slump Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,000 psi</td>
<td>0.45</td>
<td>all concrete</td>
</tr>
</tbody>
</table>

Reinforcing Steel:
- All reinforcing shall be new billet stock ASTM A 615, grade 60. Bars shall be securely tied to cement ratio and slump shall be as follows: Hilti “Hi-Lite” stainless steel epoxy anchors. Minimum embedment depth shall be 4 1/2” unless otherwise noted on drawings.
- All fabricating or cutting of reinforcing steel shall be made with 5183, 5356, or 5556 allow filler wire. Bolts and screws shall be 304 stainless steel.
- Patches and connections shall be made using Hilti’s “FS1000” or equivalent. All shadow areas beneath and between reinforcing bars shall be filled with a mixture of 1 part grout to 3 parts aggregate. Depth of grout shall not be less than 1 inch.
- Patches shall be made with 1 part grout to 3 parts aggregate. Depth of grout shall not be less than 1 inch.
- Anchor bolts shall be installed to a snug tight condition. No cutting or trimming of anchor bolts is permitted. All engravings of anchor bolts by burning is permitted.
- Anchor bolts shall be installed to the planned dimensions with dimensional tolerance of 1/16 inch in any horizontal direction with a deviation of not more than 1 degree from plumb. Rigid steel template shall be used to locate anchor bolts while placing in concrete. Anchor bolt locations shall be inspected by the Sound Transit construction manager's testing agency before placing in concrete.
- Damaged anchor bolts shall be repaired or replaced as directed by the engineer. Modifications to base plates shall be performed only as directed by the engineer. The cost of the design and repair shall be borne by the contractor.
- Aluminum:
- Aluminum plates and extruded shapes shall be fabricated from alloy 6061-T6. Welded connections shall be made with 5183, 5356, or 5556 allow filler wire. Bolts and screws shall be 304 stainless steel.

Drilled-in Concrete Anchors:
- Drilled-in concrete anchors, of size, number, and spacing as shown on drawings, shall be as follows: Hilti “Hi-Lite” stainless steel epoxy anchors. Minimum embedment depth shall be 4 1/2” unless otherwise noted on drawings.

Epoxy Adhesive Grout:
- Epoxy adhesive shall conform to ASTM C851 for bonding dowels in hardened concrete. When mixed and cured according to the manufacturer’s written instructions, epoxy shall produce the following minimum properties: Compressive strength (ASTM D695) = 10,000 psi, tensile strength (ASTM D638) = 4,000 psi. Epoxy shall be used for all drilled and grouted bolts unless noted otherwise. Epoxy shall be “HY-150” as manufactured by Hilti, Tulsa Oklahoma, or approved equal.

Grouting Bolts:
- Bolts embedded in existing concrete shall be grouted into holes drilled into the existing concrete. Holes may be cut by either rotary percussion drilling followed by air blowout, with oil-free compressed air or diamond core boring followed by water flush. Consult manufacturer’s recommendations for proper installation methods, including pre-wetting holes.

Anchor Bolts:
- Anchor bolts shall be 304 stainless steel standard hex head furnished with heavy hex head nuts and lock washers. Anchor bolts shall have sufficient length to provide the minimum embedment shown on the drawings measured from the face of concrete to the near face of the head or nut. Anchor bolts shall be installed to a snug tight condition. No heating or bending of anchor bolts is permitted. No enlargement of anchor bolt holes by burning is permitted.
- Anchor bolts shall be installed to the plan dimensions with dimensional tolerance of 1/16 inch in any horizontal direction with a deviation of not more than 1 degree from plumb. Rigid steel template shall be used to locate anchor bolts while placing in concrete. Anchor bolt locations shall be inspected by the Sound Transit construction manager’s testing agency before placing in concrete.

Structural Design Criteria:
- Design of the signs in this manual is based on the following criteria. If the dimensions of a sign or support exceed the limits shown or if the sign is located at a site where the following criteria are exceeded, submit calculations bearing an engineer’s stamp that verify the adequacy of the sign and its support structure.

Wind Loads:
- Wind loading shall be in accordance with the Building Code. Basic wind speed equals 90 miles per hour, exposure C, Topographic Factor K = 1.0. If sign is located where the site topography results in wind speed-up effects per section 6.5.7 or ASCE 7, submit calculations bearing an engineer’s stamp that verify the adequacy of the sign support structure.

Foundation:
- The soil conditions vary considerably from site to site. Design is based on the following presumptive load-bearing values: Allowable vertical foundation pressure = 1,500 psf Allowable lateral bearing pressure = 100 psf/ft below natural grade

Contractor’s Scope of Work:
1) Incorporate the foundation details and other slab construction.
2) Provide all labor and materials shown except that which is provided by the signage contractor as noted below.
3) Coordinate the final sign locations and anchor bolt placing with the signage contractor.

Signage Contractor’s Scope of Work:
1) Furnish and install signage as documented here and elsewhere.
2) Provide station contractor with steel anchor bolt templates for all signs utilizing the base details as shown on these drawings.
3) As part of the sign installation, provide non shrink grout below base as shown.
4) Coordinate the final sign locations and anchor bolt placing with the station contractor.
Vertical Support for A1/A2
5" schedule 40 aluminum pipe into Base and secured with Set Screws, paint Metallic Silver P8.

Set Screws
1/2-13 x 3/4" stainless steel socket set screws secured with Lock-Tite.

Large Base - CD-9 (4C-01)
Cast aluminum base with four (4) slotted holes for anchors, paint Metallic Silver P8.

Anchors
Four (4) 5/8" dia. x 24" min. embed stainless steel anchor bolts and Penta-Nut set with template.

Double Nut

Rebar
(3) #3 hoop ties @ 4" o.c.
(6) #4 vertical ties

2 Vertical Section View / A1 & A2 Drilled Footing
Scale: 1 1/2" = 1'-0"

4 Vertical Support for A5
5" schedule 40 aluminum pipe into Base and secured with Set Screws, paint Metallic Silver P8.

Set Screws
1/2-13 x 3/4" stainless steel socket set screws secured with Lock-Tite.

Large Base - CD-9 (4C-01)
Cast aluminum base with four (4) slotted holes for anchors, paint Metallic Silver P8.

Anchors
Four (4) 5/8" dia. x 9" min. embed stainless steel anchor bolts and Penta-Nut set with template.

Double Nut

Rebar
(3) #3 hoop ties @ 4" o.c.
(6) #4 vertical ties

5 Vertical Section View / A5 Drilled Footing
Scale: 1 1/2" = 1'-0"

Plan View / A1, A2 & A5 Drilled Footing
Scale: 1 1/2" = 1'-0"
**Footings**

**B5 & B6**

- **Vertical Support for B5/B6**
  - 5" schedule 40 aluminum pipe into Base and secured with Set Screws.

- **Set Screws**
  - 1/2-13 x 3/4" stainless steel socket set screws secured with Lock-Tite.

- **Large Base - CD-9 (4C-01)**
  - Cast aluminum base with four (4) slotted holes for anchors, paint Metallic Silver P8.

- **Anchors**
  - Four (4) 5/8" dia. x 6" min. embed stainless steel anchor bolts and Penta-Nut set with template.

- **Double Nut**

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**MAY 2013**

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**PRODUCTION DRAWINGS**

**Footings**

**B5 & B6**

**Scale:** 1/2" = 1'-0"
Footings

**B5**

**B6**

**Drilled Footing**

**Scale**: 1 1/2" = 1'-0"

**1. Vertical Section View / B5 & B6 Drilled Footing**

- Vertical Support for B5/B6
  - 5" schedule 40 aluminum pipe into Base and secured with Set Screws.

- Set Screws
  - 1/2-13 x 3/4" stainless steel socket set screws secured with Lock-Tite.

- Large Base - CD-9 - (4C-01)
  - Cast aluminum base with four (4) slotted holes for anchors, paint Metallic Silver P8.

- Anchors
  - Four (4) 5/8" dia. x 18" min. embed stainless steel anchor bolts and Penta-Nut set with template.

- Rebar
  - (3) #3 hoop ties @ 4" o.c.
  - (6) #4 vertical ties

- Double Nut

**2. Plan View / B5 & B6 Drilled Footing**

**Scale**: 1 1/2" = 1'-0"

- Anchors
  - Cast aluminum base with four (4) slotted holes for anchors, paint Metallic Silver P8.

- Set Screws
  - 1/2-13 x 3/4" stainless steel socket set screws secured with Lock-Tite.

- Vertical Support for B5/B6
  - 5" schedule 40 aluminum pipe into Base and secured with Set Screws.

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**Footings**

1. **Vertical Section View / C4 & C5 Thickened Slab Footing**
   - **Scale:** 1 1/2" = 1'-0"
   - **Rebar:** #4 @ 12" o.c. each way

2. **Horizontal Section View / C4 & C5 Thickened Slab Footing**
   - **Scale:** 1 1/2" = 1'-0"

**Footings Design**

- **Vertical Support for C4/C5**
  - 3 1/2" schedule 40 aluminum pipe into Base and secured with Set Screws.

- **Set Screws**
  - 1/2-13 x 3/4" stainless steel socket set screws secured with Lock-Tite.

- **Small Base - CD-99 (4C-02)**
  - Cast aluminum base with four (4) slotted holes for anchors, paint Metallic Silver P8.

- **Anchors**
  - Four (4) 1/2" dia. x 4 1/2" min. embed stainless steel anchor bolts and Penta-Nut set with template.

- **Double Nut**

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**Notes:**

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**PRODUCTION DRAWINGS**

**Footings**

- C4
- C5

**Not For Construction**

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**SCALE:** 1 1/2" = 1'-0"
Vertical Support for A1/A2/A5/B5/B6
5" schedule 40 aluminum pipe into Base and secured with Set Screws, paint Metallic Silver P8.

Set Screws
1/2-13 x 3/4" stainless steel socket set screws secured with Lock-Tite.

Large Base
Cast aluminum base with four (4) slotted holes for anchors & (2) holes drilled for Set Screws, paint Metallic Silver P8.

Vertical Section View / CD-9 Large Base
Scale: 3" = 1'-0"

Plan View / CD-9 Large Base
Scale: 3" = 1'-0"
1. **Vertical Section View / CD-99 Small Base**
   - Scale: 3" = 1'-0"

2. **Vertical Support for C2/C3/C4/C5**
   - 3 1/2" schedule 40 aluminum pipe into Base and secured with Set Screws, paint Metallic Silver P8.

3. **Set Screws**
   - 1/2-13 x 3/4" stainless steel socket set screws secured with Lock-Tite.

4. **Small Base**
   - Cast aluminum base with four (4) slotted holes for anchors & (2) holes drilled for Set Screws, paint Metallic Silver P8.
Plan View / CD-36 Small Post Baseplate

Scale: 3" = 1'-0"

Vertical Support for A10/E1/E3/X1
3 1/2" schedule 40 aluminum pipe welded to base at top and bottom, paint Metallic Silver P8.

Small Post Base
Cast aluminum base with four (4) slotted holes for anchors, paint Metallic Silver P8.

Vertical Section View / CD-36 Small Post Baseplate

Scale: 3" = 1'-0"
**Large Mounting Bracket**

10" x 4 3/4" x 3" x 1/2" thick cast aluminum bracket with four (4) 7/16" dia. holes, Paint Metallic Silver P8.

**Plan View / CD-10 Cuff Bracket**

Scale: 3" = 1'-0"
Structural Pipe
3 1/2" schedule 40 pipe, paint Metallic Silver P8.

Mounting Plate
10" x 3.580" x 1/2" thick quartered cast aluminum tube with four (4) 7/16" holes for 3/8-16x1" button head socket cap screws and slot to accept Bracket Leg tab, paint Metallic Silver P8. Bracket Leg to be welded to Mounting Plate from back side.

Bracket Leg (ST-52 Center)
12 1/2" x 1'-6 1/4" x 1/4" thick aluminum plate. Bracket Leg to have 4" x 1 1/4" x 1/4" thick tab inserted into slot in Mounting plate and welded from back side, paint Metallic Silver P8.

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SCALE: 3" = 1'-0"
**Mounting Plate**

10" x 3 1/2" x 1/2" thick quartered cast aluminum tube with four (4) 7/16" holes for 3/8-16x1" button head socket cap screws, paint Metallic Silver P8.

**Structural Pipe**

3 1/2" schedule 40 pipe, paint Metallic Silver P8.

**Elevation View / CD-98 Small Panel Bracket**

Scale: 3" = 1'-0"

**Horizontal Section View / CD-98 Small Panel Bracket**

Scale: 3" = 1'-0"

**Side View / CD-98 Small Panel Bracket**

Scale: 3" = 1'-0"
Cast Parts

CD-12

CD-97

Large Cast Cap
4 1/2" x 5.563" dia. machined solid aluminum with tapped hole for Roll Pin, paint Metallic Silver P8.

Roll Pin
3/8" x 3/4" stainless steel roll pin through Vertical Support and drilled into Cap.

Vertical Support for A1/A2/A5
5" schedule 40 aluminum pipe.

Small Cast Cap
2 1/2" x 4" dia. cast solid aluminum with drilled hole for Roll Pin, Paint Metallic Silver P8.

Roll Pin
1/4" x 1" stainless steel roll pin through Vertical Support and tapped into Cap.

3 1/2" schedule 40 aluminum pipe.
Plan View / CD-52 Panel Support Cap
Scale: 3" = 1'-0"

Vertical Section View / CD-52 Panel Support Cap
Scale: 3" = 1'-0"

1. Fin Panel
6-4" x 1/2" x 1/2" thick water jet cut aluminum panel with 3" x 5 1/2" tab inserted into Panel Support Cap with finished edges and smoothed corners. Paint Metallic Silver P8. Fin is welded to cast pipe cap.

2. Cast Pipe Cap
9 1/2" x 5.563" dia. cast aluminum with 4 drilled holes for Roll Pins. Paint Metallic Silver P8.

3. Roll Pin
1/2" x 1" stainless steel roll pins through Vertical Support and tapped into Cap.

4. Vertical Support for 85/86
5" schedule 40 aluminum pipe.
Horizontal Section View / CD-75A (with .406" wide slot) & CD-75B (with .281" wide slot)
ST Bus Bay Disk Support Cap
Scale: 1:2 (half full size)

Vertical Front Section View / CD-75A (with .406" wide slot) & CD-75B (with .281" wide slot)
ST Bus Bay Disk Support Cap
Scale: 1:2 (half full size)

Vertical Side Section View / CD-75A (with .406" wide slot) & CD-75B (with .281" wide slot)
ST Bus Bay Disk Support Cap
Scale: 1:2 (half full size)

Plan View / CD-79 Partner Bus Bay Break Away Disk Support Cap
Scale: 1:1 (full size)

4C-10
CUSTOMER SIGNAGE
DESIGN MANUAL

PRODUCTION
DRAWINGS

Cast Parts
CD-75A
CD-75B
CD-79

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CD-75A
CD-75B
CD-79
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PRODUCTION DRAWINGS

4D-A.01

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**Ellipse Panels - ST-43**

Two (2) 2'-0" x 2'-8" x 1/4" thick rolled aluminum ovals, mounted back to back to Bracket Fins with four 8-32x 3/4" stainless steel flat head machine screws, paint Bright Blue P5.

**Logo Letters**

Two (2) 1'-4 1/2" x 2 1/2" fabricated aluminum letter “T”s. Letter faces to be .090 aluminum painted Yellow P4 with Bright Blue P5 stripes. 2 1/2" returns to be .063 aluminum painted Yellow P4. Letters to have three per letter 1" wide by 1/4" thick recessed mounting strips welded to interior of letter. Four (each side) 3/8" dia. aluminum rods to be plug welded to Ellipse Panels and tapped at other end for securing letters with 10-24-3/4" flat head machine screws.

**Bracket Fins**

Three 1'-0" x 1/4" thick aluminum plates on each side welded to Bracket Leg, natural finish. Each Bracket Fin to have 2 holes tapped for attaching Ellipse Panels with 8-32x3/4" stainless steel flat head machine screws.

**Bracket Leg - ST-107**

1'-11" x 10 1/2" thick aluminum plate with Bracket Fins welded to front and back. Bracket Leg to have 9" x 1/4" x 1/2" thick tab inserted into slot in Mounting plate and welded from back side, paint Metallic Silver P6.

**Mounting Plate - CD-11 (slot) (4C-04)**

10" x 4 11/16" x 1/2" thick quartered cast aluminum tube with four (4) 7/16" holes for 3/8-16x1" button head socket cap screws and slot to accept Bracket Leg tab, natural finish Mt. Bracket Leg to be welded to Mounting Plate from back side.
Panel Bracket - CD-11 (4C-05)
Mounted with four (4) 3/8-16 x 1" stainless steel button head socket cap screws tapped into Vertical Support. Welds to be ground smooth. Paint Metallic Silver P8.

Panel Stiffeners
3/4" x 3/4" x 1/8" thick aluminum square tube welded to inside edge of Frame and fastened to Fin with 1/4-20 x 1" stainless steel flat head machine screws. Apply 1/16" thick neoprene foam gasket padding between square tube and fins to prevent damage and warping.

Sub Frame - ST-119
1/2" thick cut aluminum plate sub framing welded to Panel Bracket. Welds to be ground smooth. Paint edges Metallic Silver P8.

Fins - ST-100
1/4" thick painted water jet cut aluminum fin with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame.

Porcelain Panels
Formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 1/2" stainless steel socket set screws at 5/8" from face of pans at 15" o.c.

Vertical Support - A1 Post
5" schedule 40 aluminum pipe, paint Metallic Silver P8.

Frame - ST-131
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 15" o.c. along bottom edge for 10-24 x 1/2" stainless steel socket set screws with Nylock nuts.

Panel Bracket - CD-11 (4C-05)
Mounted with four (4) 3/8-16 x 1" stainless steel button head socket cap screws tapped into Vertical Support. Welds to be ground smooth. Paint Metallic Silver P8.

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PRODUCTION DRAWINGS

Sign Type A
Station Identification

A1 Primary Link
**Vertical Support - A1/A2 Post**
5\" schedule 40 aluminum pipe, paint Metallic Silver P8.

**Panel Stiffeners**
3/4\" x 3/4\" x 1/8\" thick aluminum square tube welded to inside edge of Frame and fastened to Fin with 1/4-20 x 1\" stainless steel flat head machine screws. Apply 1/16\" thick neoprene foam gasket padding between square tube and fins to prevent damage and warping.

**Frame**
Frame consists of 3/4\" x 3/4\" x 1/8\" thick aluminum angles with 1/2\" x 1/2\" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 15\" o.c. along bottom edge for 10-24 x 1/2\" stainless steel socket set screws with Nylock nuts.

**Porcelain Panels**
Formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 1/2\" stainless steel socket set screws at 5/8\" from face of pans @ 15\" o.c.

**Fins - (A1) ST-100 / (A2) ST-101**
1/4\" thick painted water cut aluminum fin with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4\" stainless steel flat head socket cap screws tapped into Sub Frame.

**Sub Frame - (A1) ST-119 / (A2) ST-120**
1/2\" thick cut aluminum plate sub framing welded to Panel Bracket. Welds to be ground smooth. Paint edges Metallic Silver P8.

**Panel Bracket - CD-11 (4C-05)**
Mounted with four (4) 3/8-16 x 1\" stainless steel button head socket cap screws tapped into Vertical Support.

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**Sign Type A**
**Station Identification**

A1 Primary Link
A2 Alternate Link

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Panel Bracket - CD-11 (4C-05)

Mounted with four (4) 3/8-16 x 1" stainless steel button head socket cap screws tapped into Vertical Support. Welds to be ground smooth. Paint Metallic Silver P8.

Sub Frame - ST-120

1/2" thick cut aluminum plate sub framing welded to Panel Bracket. Welds to be ground smooth. Paint edges Metallic Silver P8.

Porcelain Panels

Formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 1/2" stainless steel socket set screws at 5/8" from face of pans at 15" o.c.

Fins - ST-101

1/2" thick painted water jet cut aluminum fin with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub-Frame.

Panel Stiffeners

3/4" x 3/4" x 1/8" thick aluminum square tube welded to inside edge of Frame and fastened to Fin with 1/4-20 x 1" stainless steel flat head machine screws. Apply 1/16" thick neoprene foam gasket padding between square tube and fins to prevent damage and warping.

Frame

Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 15" o.c. along bottom edge for 10-24 x 1/2" stainless steel socket set screws with Nylock nuts.

Vertical Support - A2 Post

5" schedule 40 aluminum pipe, paint Metallic Silver P8.

Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 15" o.c. along bottom edge for 10-24 x 1/2" stainless steel socket set screws with Nylock nuts.

Porcelain Panels

Formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 1/2" stainless steel socket set screws at 5/8" from face of pans at 15" o.c.

Fins - ST-101

1/2" thick painted water jet cut aluminum fin with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub-Frame.

Panel Bracket - CD-11 (4C-05)

Mounted with four (4) 3/8-16 x 1" stainless steel button head socket cap screws tapped into Vertical Support. Welds to be ground smooth. Paint Metallic Silver P8.

Panel Bracket - CD-11 (4C-05)

Mounted with four (4) 3/8-16 x 1" stainless steel button head socket cap screws tapped into Vertical Support. Welds to be ground smooth. Paint Metallic Silver P8.
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Ellipse Panels - ST-43
Two (2) 2'-0" x 2'-8" x 1/4" thick rolled aluminum ovals, mounted back to back to Bracket Fins with four 8-32 x 3/4" stainless steel flat head machine screws, paint Bright Blue P5.

Logo Letters
Two (2) 1'-4 1/2" x 2 1/2" fabricated aluminum letter "T"s. Letter faces to be .090 aluminum painted Yellow P4 with Bright Blue P5 stripes. 2 1/2" returns to be .063 aluminum painted Yellow P4. Letters to have three per letter 1" wide by 1/4" thick recessed mounting strips welded to interior of letter. Four (each side) 3/8"dia. aluminum tabs to be plug welded to Ellipse Panels and tapped at other end for securing letters with 10-24 x 3/4" flat head machine screws.

Bracket Fins
Three 1'-0" x 1/4" thick aluminum plates on each side welded to Bracket Leg, paint Metallic Silver P8. Each Bracket Fin to have 2 holes tapped for attaching Ellipse Panels with 8-32 x 3/4" stainless steel flat head machine screws.

Sub Frame - (A3) ST-121 / (A4) ST-122
1/2" thick cut aluminum plate sub framing welded to Panel Bracket. Welds to be ground smooth. Paint edges Metallic Silver P8.

Fins - ST-102
1/4" thick washed waterjet cut aluminum fin with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame.

Panel Bracket - CD-21 (AC-05)
Mounted with four (4) 3/8-16 x 1 1/2" stainless steel button head socket cap screws tapped into Vertical Support. Welds to be ground smooth. Paint Metallic Silver P8.

Existing Wall
Mount sign to existing wall with button head fasteners as required for wall type (verify). Blocking by others if required.
Wall
Mount sign to wall with button head fasteners as required for wall type (verify). Blocking by others if required.

Porcelain Panels
Formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Mounting Plates with 10-24 x 3/4" stainless steel socket set screws 7/16" from face of pans.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes (9) 1/2" o.c. along bottom edge for 10-24 x 1/2" stainless steel socket set screws with nylock nuts.

Fins - ST-102
1/4" thick painted water jet cut aluminum fin with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame.

Sub Frame - ST-121
Fabricated 1/2" thick x 1 1/2" aluminum flat bar frame welded to Panel Bracket. Welds to be ground smooth.

Panel Bracket - CD-21 (4C-05)
10" x 5" x 2 1/8" x 1/2" thick cast bracket with four (4) 7/16" holes for anchors, paint Metallic Silver P8.

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Panel Stiffeners
3/4" x 3/4" x 1/8" thick aluminum square tube welded to inside edge of Frame and fastened to Fin with 1/4-20 x 1" stainless steel flat head machine screws. Apply 1/16" thick neoprene foam gasket padding between square tube and fins to prevent damage and warping.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have (1) tapped holes @ center along bottom edge for 10-24 x 1/2" stainless steel socket set screws with Nylock nuts.

Porcelain Panels
Formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 1/2" stainless steel socket set screws at 5/8" from face of pans @ 15" o.c.

Fins - (A3) ST-102 / (A4) ST-103
1/4" thick painted water jet cut aluminum fin with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame.

Sub Frame - (A3) ST-121 / (A4) ST-122
1/2" thick cut aluminum plate sub framing welded to Panel Bracket. Welds to be ground smooth. Paint edges Metallic Silver P8.

Panel Bracket - CD-21 (4C-05)
Mounted with four (4) 3/8-16 x 1" stainless steel button head socket cap screws tapped into Vertical Support.

Wall
Mount sign to wall with button head fasteners as required for wall type (verify). Blocking by others if required.

Scale: 1:2 (half full size)

Scale: 3" = 1'-0"
PRODUCTION DRAWINGS

Sign Type A
Station Identification

A4 Minor Urban

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Wall
Mount sign to wall with button head fasteners as required for wall type (verify). Blocking by others if required.

Porcelain Panels
Formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Mounting Plates with 10-24 x 1/2" stainless steel socket set screws 7/16" from face of pans.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have (1) tapped hole @ center along bottom edge for 10-24 x 1/2" stainless steel socket set screws with Nylock nuts.

Fins - ST-103
4" x 1"-0" x 1/4" thick painted water jet cut aluminum fin with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame.

Sub Frame - ST-122
Fabricated 1/2" thick x 1 1/2" aluminum flat bar frame welded to Panel Bracket. Welds to be ground smooth.

Panel Bracket - CD-21 (4C-05)
10" x 5" x 2 1/8" x 1/2" thick cast bracket with four (4) 1/16" holes for anchors, paint Metallic Silver P8.
PRODUCTION DRAWINGS

Sign Type A
Station Identification

A5 Facility

Not For Construction
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 16" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Porcelain Panels:
Formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts at 3/8" from face of pan @ 1'-4" o.c.

Panel Stiffeners:
3/4" x 3/4" x 1/8" aluminum square tubes welded to inside edge of frame @ 24" o.c. and fastened to fins with 1/4-20 x 1" stainless steel flat head machine screws. Apply neoprene gasket between square tube and fins.

Sub Frame - ST-123
1/2" aluminum plate sub framing welded to Cuff Bracket (welds to be ground smooth).

Large Cast Cap - CD-12
Large Cast Base - CD-9 (4C-01)
Welded to Sub Frame (welds to be ground smooth) and secured to Vertical Supports with 3/8-16 stainless steel button head cap screws.

Vertical Support - A5 Short Post
5" Schedule 40 aluminum pipe, paint Metallic Silver P8.

VHB tape and
10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame.
**Vertical Support - A5 Short Post**

**Frame**
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 16" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

**Porcelain Panels**
Formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts 5/8" back from face of pan at 16" o.c.

**Panel Stiffener**
3/4" x 3/4" x 1/8" aluminum square tubes welded to inside edge of frame @ 24" o.c. and fastened to Fin with 1/4-20 x 1" stainless steel flat head machine screws. Apply 1/16" thick neoprene foam gasket padding between square tube and Fins to prevent damage and warping.

**Sub Frame - ST-123**
1/2" aluminum plate Sub Framing welded to Cuff Bracket. Welds to be ground smooth.

**Fins - ST-104**
1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame.

**Cast Cuff Bracket - CD-10 (4C-05)**
Welded to Sub Frame and secured to Vertical Supports with 3/8-16 stainless steel button head socket cap screws. Welds to be ground smooth.
Panel Stiffeners
3/4" x 3/4" x 1/8" aluminum square tubes welded to inside edge of Frame @ 24" o.c. and fastened to Fin with 1/4-20 x 3/4" stainless steel flat head machine screws. Apply 1/16" thick neoprene foam gasket padding between square tube and Fin to prevent damage and warping.

Porcelain Panel
1" deep formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts at 5/8" from face of pan at 16" o.c.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 16" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Existing Wall
1/4" thick aluminum plate fin mounted to existing wall with 3/8" fasteners dia. stainless steel flat head screws into Rawl steel drop anchors or Cap Toggle wall anchors. Blocking by others if required.

Fin - ST-105
1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Frame.
Porcelain Panel
1" deep formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts at 5/8" from face of pan at 16" o.c.

Panel Stiffeners
3/4" x 3/4" x 1/8" aluminum square tubes welded to inside edge of frame @ 24" o.c. and fastened to fin with 1/4-20 x 1" stainless steel flat head machine screws. Apply neoprene gasket between square tube and fin.

Fins - ST-185
1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Attach to Sub Frame @ 12" o.c.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 16" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Sub Frame
1 1/2" x 1 1/2" x 1/8" aluminum square tube frame welded fin panel on one side and mounted to other fin panel with 10-24 x 3/4" stainless steel flat head machine screws. Welded construction.

Mounting Plate & Support Rod - ST-58
6" x 6" x 1/2" thick 6061-T6 aluminum mounting plate with four (4) holes for 1/2" button head anchors @ 4" o.c. Mounting surface to be verified to determined type of anchors. Blocking by others if required. 1" dia. 6061-T6 aluminum Support Rod to be welded to Mounting Plate (weld ground smooth). Sub Frame to have welded 1 1/8" ID x 5/8" wall pipe to accept 1" dia Support Rod. Support rod to be bolted to pipe with 1/2" stainless steel through bolt, paint Metallic Silver P8.
Porcelain Panel
1" deep formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Panel Stiffeners
3/4" x 3/4" x 1/8" aluminum square tubes welded to inside edge of Frame @ 24" o.c. and fastened to Fin with 1/4-20 x 1" stainless steel flat head machine screws. Apply 1/16" thick neoprene foam gasket padding between square tube and Fin to prevent damage and warping.

Fins - ST-106
1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver PB. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 10" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Existing Wall
1/4" thick aluminum plate fin mounted to existing wall with 3/8" fasteners dia. stainless steel flat head screws into Rawl steel drop anchors or Cap Toggle wall anchors. Blocking by others if required.

Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 10" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Existing Wall
1/4" thick aluminum plate fin mounted to existing wall with 3/8" fasteners dia. stainless steel flat head screws into Rawl steel drop anchors or Cap Toggle wall anchors. Blocking by others if required.
Mounting Plate & Support Rod - ST-58
6" x 6" x 1/2" thick 6061-T6 aluminum mounting plate with four (4) holes for 1/2" button head anchors on 4" centers. Mounting surface to be verified to determined type of anchors. Blocking by others if required. 1" dia. 6061-T6 aluminum Support Rod to be welded to Mounting Plate. Weld to be ground smooth. Sub Frame to have welded 1 1/8" x 1/8" wall pipe to accept 1" dia Support Rod. Support rod to be bolted to pipe with 1/2" stainless steel through bolt. Paint Metallic Silver P8.

Porcelain Panel
1" deep formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts at 5/8" from face of pan @ 16" o.c.

Panel Stiffeners
3/4" x 3/4" x 1/8" aluminum square tubes welded to inside edge of Frame @ 24" o.c. and fastened to Fin with 1/4-20 x 1" stainless steel flat head machine screws. Apply 1/16" thick neoprene foam gasket padding between square tube and Fins to prevent damage and warping.

Fins - ST-106
1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame @ 12" o.c.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 16" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Sub Frame
1 1/2" x 1 1/2" x 1/8" aluminum square tube frame welded Fin panel on one side and mounted to other Fin panel with 10-24 x 3/4" stainless steel flat head machine screws. Welded construction.

Demands on each anchor:
25lb DL tension
370lb WL tension
56lb WL shear

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Not For Construction
Sign Type A
Station Identification

A10 "T-Lite",
Post Mount

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Not For Construction

UNCONTROLLED DOCUMENT
Ellipse Panels - ST-53
Two (2) 1'-6" x 1'-1 1/2" x 1/4" thick water jet cut ovals mounted back to back on 1/4" aluminum Bracket Leg with VHB tape. Paint ovals Bright Blue P5 with Yellow P4 letter "T" with Bright Blue P5 stripes.

Bracket leg - ST-52 (Center) (4C-06)
One (1) water jet cut 1/4" thick aluminum Bracket Leg inserted into slotted Mounting Plate and welded from the back side. Paint Metallic Silver P8.

Mounting Plate - CD-98 (Slot) (4C-06)
10" x 3.580" x 1/2" thick quartered cast aluminum tube with four (4) 7/16" holes for 3/8-16 x 1" button head socket cap screws and slot to accept Bracket Leg tab. Paint Metallic Silver P8. Bracket Leg to be welded to Mounting Plate from back side.

Vertical Support - A10
3 1/2" schedule 40 aluminum pipe.

Elevation View / A10 Transit Logo Panel
Scale: 3" = 1'-0"

Horizontal Section View / A10 Transit Logo Panel
Scale: 3" = 1'-0"

End View / A10 Transit Logo Panel
Scale: 3" = 1'-0"

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UNCONTROLLED DOCUMENT
**Ellipse Panels - ST-53**

Two (2) 1'-6" x 13 1/2" x 1/4" thick water jet cut ovals mounted back to back on 1/4" aluminum Bracket Leg with VHB tape. Paint ovals Bright Blue P5 with Yellow P4 letter "T" with Bright Blue P5 stripes.

**Bracket Leg - ST-52 (Center) (4C-06)**

One (1) water jet cut 1/4" thick aluminum Bracket Leg inserted into slotted Mounting Bracket and welded from the back side. Paint Metallic Silver P8.

**Mounting Bracket - ST-85**

10" x 5" x 3/8" aluminum plate mounting bracket with slot to accept bracket leg tab and four (4) 7/16" holes for anchors. Bracket leg tab to be plug welded from back side to mounting bracket, paint Metallic Silver P8.

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**Horizontal Section View / A11 Option 1 - Transit Logo Panel**

Scale: 3" = 1'-0"

**Elevation View / ST-85 Mounting Bracket**

Scale: 3" = 1'-0"

**Vertical Section View / A11 Option 1 - Transit Logo Panel**

Scale: 3" = 1'-0"
2. Horizontal Section View / A11 Option 2 - Transit Logo Panel

Scale: 3" = 1'–0"

Plug weld

3. Elevation View / ST-118 Mounting Bracket

Scale: 3" = 1'–0"

- **Ellipse Panels - ST-53**
  Two (2) 1'-6" x 1'-1 1/2" x 1/4" thick water jet cut ovals mounted back to back on 1/4" aluminum Bracket Leg with VHB tape. Paint ovals Bright Blue P5 with Yellow P4 letter "T" with Bright Blue P5 stripes.

- **Bracket Leg - ST-52 (Center) (4C-06)**
  One (1) water jet cut 1/4" thick aluminum Bracket Leg inserted into slotted Mounting Bracket and welded from the back side. Paint Metallic Silver P8.

- **Mounting Bracket - ST-118**
  10" x 2" x 3/8" aluminum plate mounting bracket with slot to accept bracket leg tab and two (2) 7/16" holes for anchors. Bracket leg tab to be plug welded from back side to mounting bracket, paint Metallic Silver P8.

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Not For Construction

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4D-A.23

MAY 2013

UNCONTROLLED DOCUMENT
**NOTE:**
A12 shown, A13 sim.

**Mounting Bracket - ST-85**
10" x 5" x 3/8" aluminum plate Mounting Bracket with slot to accept bracket leg tab and four (4) 1/16" holes for anchors. Bracket leg tab to be plug welded from back side to mounting bracket, paint Metallic Silver P8.

**Ellipse Panels - ST-53**
Two (2) 1'-6" x 13 1/2" x 1/4" thick water jet cut ovals mounted back to back on 1/4" aluminum bracket Leg with VHB tape. Paint ovals Bright Blue P5 with Yellow P4 letter "T" with Bright Blue P5 stripes.

**Bracket Leg - ST-116**
One (1) water jet cut 1/4" thick aluminum Bracket Leg inserted into slotted Mounting Plate and welded from the back side. Paint Metallic Silver P8.
### Elevation View / A14 Transit Logo Panel

**Scale: 3" = 1'-0"**

1. **Ellipse Panels - ST-53**
   - One (1) 1'-6" x 1'-1 1/2" x 1/4" thick water jet cut ovals mounted back to back on 1/4" aluminum Bracket Leg with VHB tape. Paint ovals Bright Blue P5 with Yellow P4 letter "T" with Bright Blue P5 stripes.

2. **Bracket Leg - ST-132**
   - One (1) 1/4" thick water jet cut aluminum plate with finished edges and smooth corners, paint Metallic Silver P8.

3. **Existing Wall**
   - Aluminum plate mounted to existing wall with fasteners as required for wall type (verify). Blocking by others if required.

### Vertical Section View / A14 Transit Logo Panel

**Scale: 3" = 1'-0"**

### Notes:

- Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
- Not For Construction
A15 "T-Lite", Mini

**Elevation View / A15 Mini “T” Finial & Cap**

Scale: 3" = 1'-0"

**Horizontal Section View / A15 Mini “T” Finial & Cap**

Scale: 3" = 1'-0"

**Side View / A15 Mini “T” Finial & Cap**

Scale: 3" = 1'-0"

1. **Ellipse Panels - ST-51**  
   Two (2) 5" x 1'-0" x 1/4" thick water jet cut aluminum ovals, mounted back to back to Bracket Leg with VHB tape. Paint ovals Bright Blue P5 with Yellow P4 letter "T" with Bright Blue P5 stripes.

2. **Bracket Leg - ST-50 (Center)**  
   9 1/4" x 11" x 1/4" thick aluminum plate. Bracket Leg to be inserted into slot in Small Cast Cap and welded at top, paint Metallic Silver P8.

3. **Small Cast Cap - CD-75B (4C-10)**  
   2 1/2" x 4" dia. cast solid aluminum drilled for Roll Pin, paint Small Cast Cap Metallic Silver P8. Cap to have 3/8" wide x 3/8" deep machined slot to accept Bracket Leg. Bracket Leg to be welded to top of Small Cast Cap.

4. **PRODUCTION DRAWINGS**

   **Sign Type A**  
   Station Identification

Not For Construction

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UNCONTROLLED DOCUMENT
Mounting Plate & Support Rod - ST-58
6" x 6" x 1/2" thick 6061-T6 aluminum mounting plate with four (4) holes for 1/2" button head anchors on 4" centers. Mounting surface to be verified to determined type of anchors. Blocking by others if required. 1" dia. 6061-T6 aluminum Support Rod to be welded to Mounting Plate. Weld to be ground smooth. Sub Frame to have welded 1 1/8" x 1/8" wall pipe to accept 1" dia. Support Rod. Support Rod to be bolted to pipe with 1/2" stainless steel through bolt. Paint Metallic Silver P8.

Porcelain Panel
1" deep formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts at 5/8" from face of panel @ 16" o.c.

Panel Stiffeners
3/4" x 3/4" x 1/8" aluminum square tubes welded to inside edge of Frame @ 24" o.c. and fastened to Fin with 1/4-20 x 1" stainless steel flat head machine screws. Apply 1/16" thick neoprene foam gasket packing between square tube and Fins to prevent damage and warping.

Fins - ST-106
1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame @ 12" o.c.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 16" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Sub Frame
1 1/2" x 1 1/2" x 1/8" aluminum square tube frame welded Fin panel on one side and mounted to other Fin panel with VHB tape and 10-24 x 3/4" stainless steel flat head machine screws tapped into Sub Frame. Welded construction.

Demands on each anchor:
- 25lb DL tension
- 370lb WL tension
- 56lb WL shear
Mounting Bracket
Cast aluminum secured around existing pole with four 3/8" bolts (length to be determined by dia. of existing pole). Fins to have four 3/8" hex head bolts which slide into groves of brackets.

Porcelain Panel
1" deep formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Panel Stiffeners
3/4" x 3/4" x 1/8" aluminum square tubes welded to inside edge of frame @ 24" o.c. and fastened to fin with 1/4-20 x 3" stainless steel flat head machine screws. Apply neoprene gasket between square tube and fins.

Fins - ST-106
1/4" thick water jet cut aluminum with finished edges and smoothed corners. Paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Frame.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of frame. Frame to have tapped holes @ 10" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Note:
Platform ID Panels may be single-sided or double-sided based on installation location.
Note:
Station ID Panel may be single-sided or double-sided based on installation location.

Note:
Station ID Panel and Information Panel may be single-sided or double-sided based on installation location.
Porcelain Panel
Formed 1" deep steel pan with baked porcelain enamel background and graphics. Panel is mounted to Frame at top with formed flange and bottom with 10-24 x 1/2" stainless steel socket set screws with Nylock nuts at 5/8" from face of panel at 10" o.c.

Frame
3/4" x 3/4" x 1/8" thick aluminum angle frame with 1/2" x 1/2" aluminum bar welded to top edge. Frame to have tapped holes @ 16" o.c. along bottom edge for 10-24 x 1/2" stainless steel socket head set screws with Nylock nuts.

Fin Panel - ST-108
6'-4" x 1'-2" x 1/2" thick water jet cut aluminum panel with 3" x 5 1/2" tab inserted into Panel Support Cap with finished edges and smoothed corners. Paint Metallic Silver P8. Fin is welded to cast pipe cap.

Panel Support Cap - CD-52 (4C-09)
Cast aluminum cap welded to fin panel and mounted into Vertical Support with four (2) 1/2 x 1" roll pins, paint Metallic Silver P8.

Vertical Support - B5 Post
5" schedule 40 aluminum pipe, paint Metallic Silver P8.

Note:
Station ID Panel may be single-sided or double-sided based on installation location.
**Information Panel**
.090" thick painted aluminum panel with painted graphics mounted to mating panel with VHB tape and Silicone.

**Mating Panel** (beneath Information Panels)
.090" thick aluminum panel mounted to face of Fin with 10-24 x 5/16" stainless steel flat head machine screws and VHB tape.

**Fins - ST-109**
3-10" x 1-8" x 1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Fins are plug welded to fabricated 1 1/2" x 1/2" thick aluminum Sub Frame.

**Sub Frame - ST-94**
1 1/2" x 1/2" thick welded plate aluminum frame with mitered edge for welded attachment to bracket leg.

**Large Cast Panel Bracket - CD-11 (4C-05)**
Mounted with four (4) 3/8-16 x 1" stainless steel button head socket cap screws tapped into Vertical Support

**Vertical Supports - B5 Post**
5" schedule 40 aluminum pipe, paint Metallic Silver P8.

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**Note:**
Information Panel may be single-sided or double-sided based on installation location.
Large Cast Panel Bracket - CD-11 (4C-05) Mounted with four (4) 3/8-16 x 1" stainless steel button head socket cap screws tapped into Vertical Support. Vertical Support - B5 Post 5" schedule 40 aluminum pipe, paint Metallic Silver P8.

Mating Panel (beneath Information Panels) 0.090" thick aluminum panel mounted to face of Fin with 10-24 x 5/16" stainless steel flat head machine screws and VHB tape.

Information Panel 0.090" thick painted aluminum panel with painted graphics mounted to mating panel with VHB tape and Silicone.

Fins - ST-109 3'-10" x 1'-8" x 1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Fins are plug welded to fabricated 1 1/2" x 1/2" thick aluminum Sub Frame.

Sub Frame - CD-94 1 1/2" x 1/2" thick welded plate aluminum frame with mitered edge for welded attachment to bracket leg.

Note: Information Panel may be single-sided or double-sided based on installation location.

PRODUCTION DRAWINGS

Sign Type B Platform Identification
B6 Pole Mount, with Panels

Horizontal Section View / B6 Information Panels
Scale: 1:2 (half full size)
C1 (2 or 4) Panels / C6 (1) Panel - Spacing Typical

1'-7”
1-5”
1”
1” typ. reveal between panels.

Mounting Frame
1 3/4” x 1 3/4” x 1/8” welded aluminum angle frame, paint Metallic Silver P8. Attach to Mounting Bracket.

Mounting Bracket
1 1/2” x 1 1/2” x 1/8” long angle brackets with countersunk screws, paint Metallic Silver P8. Attach to wall with fasteners as required for wall type (verify). Backing by others if required.

Tactile Sign (at Line Map Layout only)
1/8” thick etched zinc panel with raised letters and braille. Background color painted Metallic Dark Blue P1, text painted White P6. Install with VHB prior to installing Information Panel vinyl.

Mounting Bracket
1 1/2” x 1 1/2” x 1/8” long angle brackets with countersunk screws, paint Metallic Silver P8. Attach to wall with fasteners as required for wall type (verify). Backing by others if required.

Fin - ST-4 BHS
3” x 10” x 1 7/8” thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Fin attached to Frame with 10-24 stainless steel flat head screws.

Mating Panel (beneath Information Panel)
.060 Thick aluminum panel mounted to face of Fin with 10-24 x 3/4” stainless steel flat head machine screws and VHB tape.

Information Panel
.060 thick aluminum panel with digitally printed graphics on vinyl mounted to mating panel with VHB tape and Silicone.

Existing Wall

PRODUCTION DRAWINGS

Sign Type C
Customer Information

C1 Wall Mount, 2 or 4 Panel
C6 Wall Mount, 1 Panel

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Panel A  Panel B

Side 2 (C3 only)  Side 2 (C3 only)

Side 1  Side 1

Note:
C2 - Single-sided Information Panel
C3 - Double-sided Information Panel

Plan View / C2 & C3  Customer Information, Single Post
Scale: 3/4" = 1'-0"

Elevation View / C2 & C3  Customer Information, Single Post
Scale: 3/4" = 1'-0"
Information Panel (2) C2 / (4) C3
.090" thick aluminum panel with digitally printed graphics on vinyl mounted to Mating Panel with VHB tape and silicone.

Mating Panel (2) C2 / (4) C3
.090" thick aluminum panel mounted to face of Fin with 10-24 x 5/16" stainless steel flat head machine screws and VHB tape.

Fins - ST-109
3'-10" x 1'-8" x 1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Fins are plug welded to fabricated 1 1/2" x 1/2" thick aluminum Sub Frame.

Sub Frame - ST-94
1 1/2" x 1/2" thick welded plate aluminum frame with mitered edge for welded attachment to bracket leg.

Small Cast Panel Bracket - CD-88 (4C-07)
Mounted with four 1/4-20 x 1/4" stainless steel button head socket cap screws tapped into Vertical Support.

Vertical Support - C2 Post
3 1/2" schedule 40 aluminum pipe, paint Metallic Silver P8.

Tactile Sign (at Line Map Layout only)
1/8" thick etched zinc panel with raised letters and braille. Background color painted Metallic Dark Blue P1, text painted White P8. Install with VHB prior to installing Information Panel vinyl.

Note:
C2 - Single-sided Information Panel
C3 - Double-sided Information Panel

Uncontrolled Document

PRODUCTION DRAWINGS

Sign Type C
Customer Information
C2 Single Post
C3 Single Post, Double-Sided

Not For Construction
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Plan View / C4 & C5 Customer Information, Double Post
Scale: 3/4" = 1'-0"

Elevation View / C4 & C5 Customer Information, Double Post
Scale: 3/4" = 1'-0"

Note:
C4 - Single-sided Information Panel
C5 - Double-sided Information Panel

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UNCONTROLLED DOCUMENT
Mating Panel (4) C4 / (8) C5
(.090" thick aluminum panel mounted to face of Fin with 10-24 x 5/16" stainless steel flat head machine screws and VHB tape.

Information Panel (4) C4 / (8) C5
(.090" thick aluminum panel with digitally printed graphics on vinyl mounted to mating panel with VHB tape and silicone.

Fins - (4) ST-109
3'-10" x 1'-8" x 1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic P8. Fins are plug welded to fabricated 1 1/2" x 1/2" thick aluminum Sub Frame.

Sub Frame - ST-64
1 1/2" x 1/2" thick welded plate aluminum frame with mitered edge for welded attachment to bracket leg.

Small Cast Panel Bracket - CD-98
Mounted with four (4) 3/8-16 x 1" stainless steel button head socket cap screws taped into Vertical Support.

Vertical Supports - C2 Post
3 1/2" schedule 40 aluminum pipe, paint Metallic Silver P8.

Sub Frame - ST-117
1 1/2" x 1/2" thick welded plate aluminum frame with mitered edge for welded attachment to bracket leg.

Note:
C4 - Single-sided Information Panel
C5 - Double-sided Information Panel

Tactile Sign (at Line Map Layout only)
.125" thick etched zinc panel with raised letters and braille. Background color painted Metallic Blue P1, text painted White P6. Install with VHB prior to installing Information Panel vinyl.

Information Panel (4) C4 / (8) C5
.090" thick aluminum panel with digitally printed graphics on vinyl mounted to mating panel with VHB tape and silicone.

Mating Panel (4) C4 / (8) C5
(beneath Information Panels) .090" thick aluminum panel mounted to face of Fin with 10-24 x 5/16" stainless steel flat head machine screws and VHB tape.

Fins - (4) ST-110
3'-10" x 3'-4" x 1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic P8. Fins are plug welded to fabricated 1 1/2" x 1/2" thick aluminum Sub Frame.

Sub Frame - ST-117
1 1/2" x 1/2" thick welded plate aluminum frame with mitered edge for welded attachment to bracket leg.

Small Cast Panel Bracket - CD-98
Mounted with four (4) 3/8-16 x 1" stainless steel button head socket cap screws taped into Vertical Support.

Vertical Supports - C2 Post
3 1/2" schedule 40 aluminum pipe, paint Metallic Silver P8.

Sub Frame - ST-117
1 1/2" x 1/2" thick welded plate aluminum frame with mitered edge for welded attachment to bracket leg.

PRODUCTION DRAWINGS

Sign Type C
Customer Information

C4 Double Post
C5 Double Post, Double-Sided

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**Sign Type C**

- **Customer Information**
  - **C2** Single Post
  - **C3** Single Post, Double-Sided
  - **C4** Double Post
  - **C5** Double Post, Double-Sided

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**Vertical Support - C2 Post**
3 1/2” schedule 40 aluminum pipe.

**Small Cast Panel Brackets - CD-98 (4C-07)**
Mounted with four (4) button head socket cap screws tapped into Vertical Support.

**Sub Frame - CD-94**
1” x 1/2” thick welded plate aluminum frame with mitered edge for welded attachment to bracket leg.

**Fins ST-109**
3’-11” x 1’-8” x 1/4” thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver PB. Fins are plug welded to fabricated aluminum Sub Frame.

**Mating Panel (beneath Information Panels)**
.090” thick aluminum panel mounted to face of Fin with 10-24 x 5/16” stainless steel flat head machine screws and VHB tape.

**Information Panel**
.090” thick aluminum panel with digitally printed graphics on vinyl mounted to mating panel with VHB tape and silicone.

**Note:**
Single-sided sign possible based on installation location.

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**Fins - ST-110**
3’-11” x 3’-4” x 1/4” thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic P8. Fins are plug welded to fabricated 1 1/2” x 1/2” thick aluminum Sub Frame.

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**Not For Construction**
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**Elevation View / D1 & D2 Directional, Pendant Mount, Single Panel**

- Scale: 3/4" = 1'-0"
- Mounting Plate & Support Rod - ST-58
  - 6" x 6" x 1/2" thick 6061-T6 aluminum mounting plate with four (4) holes for 1/2" button head anchors on 4" centers. Mounting surface to be verified to determined type of anchors. Blocking by others if required. 1" dia. 6061-T6 aluminum support rod to be welded to Mounting Plate. Weld to be ground smooth. Sub-Frame to have welded 1 1/8" ID x 1/8" wall pipe to accept 1" dia. Support Rod. Support Rod to be bolted to pipe with 3/8" stainless steel through bolt. Paint Metallic Silver P8.

- Graphic Panel - ST-106
  - .090" thick aluminum panel with digitally printed graphics on vinyl and .090" thick aluminum backer panel mounted to Fin panel with VHB tape and Silicone. Paint panels Dark Blue P1.

- Sub Frame
  - 1 1/2" x 1 1/2" x 1/8" aluminum square tube frame. Weld Fin panel on one side and mount to other Fin panel with 10-24 x 3/4" stainless steel flat head @ 12" o.c.

**Elevation View / D6 & D7 Directional, Pendant Mount, Double Panel**

- Scale: 3/4" = 1'-0"
- Sub Frame
  - 1 1/2" x 1 1/2" x 1/8" aluminum square tube frame. Secure frames together with (3) 1/2" stainless steel bolts. Weld Fin panel on one side and mount to other Fin panel with 10-24 x 3/4" stainless steel flat head @ 12" o.c.

- Graphic Panel - ST-112
  - 1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Flats are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws taped into Sub Frame @ 12" o.c.

**Elevation View / D10 & D11 Directional, Pendant Mount, Triple Panel**

- Scale: 3/4" = 1'-0"
- Sub Frame
  - 1 1/2" x 1 1/2" x 1/8" aluminum square tube frame. Weld Fin panel on one side and mount to other Fin panel with 10-24 x 3/4" stainless steel flat head @ 12" o.c.

- Graphic Panel - ST-114
  - .090" thick aluminum panel with digitally printed graphics on vinyl and .090" thick aluminum backer panel mounted to Fin panel with VHB tape and Silicone. Paint panels Dark Blue P1.

- Sub Frame
  - 1 1/2" x 1 1/2" x 1/8" aluminum square tube frame. Weld Fin panel on one side and mount to other Fin panel with 10-24 x 3/4" stainless steel flat head.
1. Elevation View / D4 & D5
   Directional, Pendant Mount, Single Panel
   Scale: 3/4" = 1'-0"

2. Side Section View / D1, D4, D6, D8, D10 & D12
   Directional, Pendant Mount (single-sided)
   Scale: 3" = 1'-0"

3. Side Section View / D2, D5, D7, D9, D11, D13
   Directional, Pendant Mount (double-sided)
   Scale: 3" = 1'-0"

4. Mounting Plate & Support Rod - ST-58
   6" x 6" x 1/2" thick 6061-T6 aluminum Mounting Plate with four (4) holes for 1/2" button head anchors on 4" centers. Mounting surface to be verified by determined type of anchors. Blocking by others if required. 1" dia. 6061-T6 aluminum Support Rod to be welded to mounting plate. Weld to be ground smooth. Sub Frame to have welded 1 1/8" ID x 1/8" wall pipe to accept 1" dia. support rod. Support Rod to be bolted to pipe with 1/2" stainless steel through bolt. Paint Metallic Silver P8.

   1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame @ 12" o.c.

6. Sub Frame
   1 1/2" x 1 1/2" x 1/8" aluminum square tube frame welded Fin panel on one side and mounted to other Fin panel with 10-24 x 3/4" stainless steel flat head machine screws. Welded construction.

7. Graphic Panel
   .090" thick aluminum panel with digitally printed graphics on vinyl and .090" thick aluminum backer panel mounted to Fin with VHB tape and Silicone. Paint panels Dark Blue P1.

8. Fins - ST-111

9. Graphic Panel

10. Sub Frame

11. Mounting Plate & Support Rod - ST-58


13. Sub Frame

14. Graphic Panel

15. Fins - ST-111

16. Graphic Panel

17. Sub Frame

Note: Porcelain Panel Alternate construction per Sound Transit directive, see sheet 4D-D.05

Demands on each anchor:
25lb DL tension
370lb WL tension
56lb WL shear

1. Elevation View / D4 & D5
   Directional, Pendant Mount, Single Panel
   Scale: 3/4" = 1'-0"

2. Side Section View / D1, D4, D6, D8, D10 & D12
   Directional, Pendant Mount (single-sided)
   Scale: 3" = 1'-0"

3. Side Section View / D2, D5, D7, D9, D11, D13
   Directional, Pendant Mount (double-sided)
   Scale: 3" = 1'-0"

* Note: Porcelain Panel Alternate construction per Sound Transit directive, see sheet 4D-D.05

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

PRODUCTION
DRAWINGS

Sign Type D
Directional
Pendant Mount
D1, D4, D6, D8, D10, D12
Single-Sided
D2, D5, D7, D9, D11, D13
Double-Sided
Elevation View / D8 & D9 Directional, Pendant Mount Major, Double Panel
Scale: 3/4" = 1'-0"

Mounting Plate & Support Rod - ST-58
- 6" x 6" x 1/2" thick 6061-T6 aluminum Mounting Plate with four (4) holes for 1/2" button head anchors on 4" centers. Mounting surface to be verified to determine type of anchors. Blocking by others if required. 1" dia. 6061-T6 aluminum Support Rod to be welded to mounting plate. Weld to be ground smooth. Sub Frame to have welded 1 1/8" ID x 1/8" wall pipe to accept 1" dia Support Rod. Support Rod to be bolted to pipe with 1/2" stainless steel through bolt. Paint Metallic Silver P8.

Fins - ST-113
- 1/4" thick water jet cut aluminum with finished edges and smoothed corners. Paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame (at 12" o.c.).

Sub Frame
- 1 1/2" x 1 1/2" x 1/8" aluminum square tube frame. Weld Fin panel on one side and mount to other Fin panel with 10-24 x 3/4" stainless steel flat head.

Graphic Panel*
- .090" thick aluminum panel with digitally printed graphics on vinyl and .090" thick aluminum backer panel mounted to Fin panel with VHB tape and Silicone. Paint panels Dark Blue P1.

Note: Porcelain Panel
Alternate construction per Sound Transit directive, see sheet 4D-D.05

1 Elevation View / D8 & D9 Directional, Pendant Mount Major, Double Panel
Scale: 3/4" = 1'-0"

2 Elevation View / D12 & D13 Directional, Pendant Mount Major, Triple Panel
Scale: 3/4" = 1'-0"
Elevation View / D1 & D2
Directional, Pendant Mount, Single Panel (Alternate Construction)

Scale: 3/4" = 1'-0"

Porcelain Panel
1" deep formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts at 5/8" from face of pan at 16" o.c.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes (10") o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Panel Stiffeners
3/4" x 3/4" x 1/4" aluminum square tubes welded to inside edge of frame @ 24" o.c. and fastened to fin with 1/4-20 x 1" stainless steel flat head machine screws. Apply neoprene gasket between square tube and fins.

Sub Frame
1 1/2" x 1 1/2" x 1/8" aluminum square tube frame welded to frame panel on one side and mounted to other frame panel with 10-24 x 3/4" stainless steel flat head machine screws. Welded construction.

Fin - ST-106
1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Attach to Sub Frame @ 12" o.c.
Elevation View / D4 & D5
Directional, Pendant Mount, Single Panel (Alternate Construction)
Scale: 3/4" = 1'-0"

Porcelain Panel
1" deep formed steel panels with baked porcelain enamel background and graphics. Panels are mounted to Frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts at 5/8" from face of pan at 16" o.c.

Panel Stiffeners
3/4" x 3/4" x 1/8" aluminum square tubes welded to inside edge of frame, 24" o.c., and fastened to fin with 1/4-20 x 1" stainless steel flat head machine screws. Apply neoprene gasket between square tube and fins.

Sub Frame
1 1/2" x 1 1/2" x 1/8" aluminum square tube frame welded fin panel on one side and mounted to other fin panel with 10-24 x 3/4" stainless steel flat head machine screws. Welded construction.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 16" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Fin - ST-111
1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Attach to Sub Frame @ 12" o.c.
Mounting Plate & Support Rod - ST-58
6" x 6" x 1/2" thick 6061-T6 aluminum mounting plate with four (4) holes for 1/2" button head anchors on 4" centers. Mounting surface to be verified to determined type of anchors. Blocking by others if required. 1" dia. 6061-T6 aluminum Support Rod to be welded to Mounting Plate. Weld to be ground smooth. Sub Frame to have welded 1 1/8"ID x 1/8" wall pipe to accept 1" dia. Support Rod. Support rod to be bolted to pipe with 1/2" stainless steel through bolt. Paint Metallic Silver P8.

Porcelain Panel
1" deep formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts at 5/8" from face of pan @ 16" o.c.

Panel Stiffeners
3/4" x 3/4" x 1/8" aluminum square tubes welded to inside edge of Frame @ 24" o.c. and fastened to Fin with 1/4-20 x 1 1/2" stainless steel flat head machine screws. Apply 1/16" thick neoprene foam gasket padding between square tube and Fins to prevent damage and warping.

Fins - ST-106
1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame @ 12 o.c.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 16" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Sub Frame
1 1/2" x 1 1/2" x 1/8" aluminum square tube frame welded Fin panel on one side and mounted to other Fin panel with 10-24 x 3/4" stainless steel flat head machine screws. Welded construction.

Mounting Plate & Support Rod - ST-58
6" x 6" x 1/2" thick 6061-T6 aluminum mounting plate with four (4) holes for 1/2" button head anchors on 4" centers. Mounting surface to be verified to determined type of anchors. Blocking by others if required. 1" dia. 6061-T6 aluminum Support Rod to be welded to Mounting Plate. Weld to be ground smooth. Sub Frame to have welded 1 1/8"ID x 1/8" wall pipe to accept 1" dia. Support Rod. Support rod to be bolted to pipe with 1/2" stainless steel through bolt. Paint Metallic Silver P8.

Porcelain Panel
1" deep formed steel pans with baked porcelain enamel background and graphics. Panels are mounted to frame with 10-24 x 3/4" stainless steel socket set screws with Nylock nuts at 5/8" from face of pan @ 16" o.c.

Panel Stiffeners
3/4" x 3/4" x 1/8" aluminum square tubes welded to inside edge of Frame @ 24" o.c. and fastened to Fin with 1/4-20 x 1 1/2" stainless steel flat head machine screws. Apply 1/16" thick neoprene foam gasket padding between square tube and Fins to prevent damage and warping.

Fins - ST-106
1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8. Fins are mounted with VHB tape and 10-24 x 3/4" stainless steel flat head socket cap screws tapped into Sub Frame. Welded construction.

Frame
Frame consists of 3/4" x 3/4" x 1/8" thick aluminum angles with 1/2" x 1/2" aluminum bar welded to top edge of angle frame. Frame to have tapped holes @ 16" o.c. along bottom edge for 10-24 x 3/4" stainless steel socket set screws with Nylock nuts.

Sub Frame
1 1/2" x 1 1/2" x 1/8" aluminum square tube frame welded Fin panel on one side and mounted to other Fin panel with 10-24 x 3/4" stainless steel flat head machine screws tapped into Sub Frame. Welded construction.
Graphic Panel* - .090" thick aluminum panel with digitally printed graphics on vinyl and .090" thick aluminum backer panel mounted to Fin panel with VHB tape and silicone. Paint panels Dark Blue P1.

*Note: Porcelain Panel
Alternate construction per Sound Transit directive, see sheet 4D-A.18

Fin - ST-106
1/4" thick water jet cut aluminum with finished edges and smoothed corners, paint Metallic Silver P8.

Fasteners
Studs welded to back of Fin with fasteners required for existing wall type (verify). Blocking by others if required.

Not For Construction
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

UNCONTROLLED DOCUMENT
**Small Directional Panel**
- 0.090" thick aluminum directional panel with 3/8" radius corners.
- Painted Dark Blue P1.
- Digitally printed graphics on vinyl mounted to sign face.

**Adjustable Sign Mounting Hardware**
- 30" x 3/4" x 0.020" stainless steel strap with tightening clip and flared leg bracket.
- Sign to be attached to flared leg bracket with 3/16-18 x 1/2" flat head countersunk screw.
- Paint screw head to match background color.

**Medium Directional Panel**
- 1'-6" x 1'-0" x 1/8" thick aluminum panel with 3/8" radius corners.
- Painted Dark Blue P1.
- Digitally printed graphics on vinyl mounted to sign face.

**Existing Post**
- 1'-0" x 3" x 3" notional post that is provided as an option for installations where a wall or post mounting option is not available.
- Existing post geometry as provided is not to be altered or modified.

Not For Construction
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Bay ID Panel
Bay ID Panel consists of two (2) 16" dia. formed steel panels with baked porcelain enamel background and graphics. 3/8" thick water jet cut aluminum backer panel.

Information Panel - ST-73
3/16" thick aluminum panel painted Dark Blue P1, digitally printed vinyl on sign face, four (4) holes for 1/4" fasteners. Panel is mounted to vertical support with two (2) CD-76B cast aluminum Panel Brackets.

Vertical Support - E1 Pole
3 1/2" schedule 40 aluminum pipe welded to Baseplate.

Baseplate - CD-36 (4C-03)
1-1/2" dia. cast aluminum Baseplate.

Partner Bus Bay Break Away Pole
Panel consists of two (2) 16" dia. 1/4" thick aluminum panels with painted background and cut vinyl graphics. Panels to be mounted with VHB Tape and Silicone to 1/4" thick water jet cut aluminum backer panel. Paint aluminum backer panel Metallic Silver P8.

Information Panel
.080-.090" (verify) thick aluminum panel painted Dark Blue P1, digitally printed vinyl on sign face (verify location and size with brackets provided by others).

Vertical Support
Provided by others.

Partner Bus Bay Break-away Pole
Panel consists of two (2) 16" dia. 1/4" thick aluminum panels with painted background and cut vinyl graphics. Panels to be mounted with VHB Tape and Silicone to 1/4" thick water jet cut aluminum backer panel. Paint aluminum backer panel Metallic Silver P8.
Porcelain Panels - ST-40
Two (2) 16" dia. formed steel pans with baked porcelain enamel background and graphics mounted to 3/8" thick aluminum Backer Panel with three (3) 10-24 x 1/2" stainless steel socket set screws.

Backer Panel - ST-46
3/8" thick water jet cut aluminum panel inserted into slot in Disk Support Cap and welded at top, Paint Metallic Silver P8.

ST Bay Disk Support Cap - CD-75 (4C-10)
3 1/2" x 4" dia. cast aluminum with top slot to accept 3/8" thick Bay ID Disk Backer Panel, Paint Metallic Silver P8.

Vertical Support - E1 Pole
3 1/2" schedule 40 aluminum pipe, paint Metallic Silver P8.

Partner Bus Bay Break Away Top Panel - ST-38
Panel consists of two (2) 16" dia. 1/4" thick aluminum panels with painted background and cut vinyl graphics. Panels to be mounted with VHB Tape and Silicone to Backer Panel.

Backer Panel - ST-39
1/4" thick water jet cut aluminum welded to Support cap, paint Metallic Silver P8.

Support Cap - CD-79 (4C-10)
Cast aluminum, paint Metallic Silver P8.

Vertical Support by others, verify dimensions.
Paratransit Panel
0.090" thick aluminum panel. Edges painted Dark Blue P1 with digitally printed vinyl mounted to sign face. Attach to wall with 1/4" fasteners as required for wall type (verify). Blocking by others if required.

Existing Wall
Machined aluminum background plate painted Dark Blue P1.

1/8" thick etched zinc plaque with 1/4" radius corners and raised characters and braille. Background painted Dark Blue P1, text painted White P6.

3/8" dia. drilled hole, 3/16" deep for countersunk 10/24 machine screws.

1/8" recessed area.

1/8" thick etched zinc plaque with 1/4" radius corners and raised characters and braille. Background painted Dark Blue P1, text painted White P6.
Bus Bay Bracket / E6 Bus Bay Tactile & panels

10/24 countersunk machine screw

1" x 1" alum. bar, paint Dark Blue P1

10/24 countersunk machine screw

Bus Bay bracket & panels

Alum. bar secured to cast iron frame with 10/24 machine screws

Cast iron schedule frame

2" square tube mounting post

Opposing cast iron schedule frame

Bus Bay Bracket / E6 Bus Bay Tactile, Support

1" x 1" Alum. bar

Cast iron schedule frame

Bus Bay Bracket / E6 Bus Bay Tactile, Support Bar Detail

1/2"

1/4"

2 1/2"

1 1/4"

4 3/4"

1 7/8"15/16"

1/2"

1/2"

1/2"

1/2"

1/2"

1/2"

1/2"

1/2"

1/2"

1/2"

1/2"

1/2"
Elevation View / F1 Facility Amenity, Flag

Scale: 1" = 1'-0"

Not For Construction

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CUSTOMER SIGNAGE
DESIGN MANUAL

PRODUCTION DRAWINGS

Sign Type F
Facility Amenity

F1 Flag Mount, Double-Sided

Note: Porcelain Panel
Alternate construction per Sound Transit directive, see sheet 4D-F.02
Porcelain Panels
Two (2) 12" dia. 1 1/16" deep formed steel pans with backed porcelain enamel graphics and background mounted to mounting plates with 10-24 x 1/2" stainless steel socket head screws.

Mounting Plates - ST-129
11 5/8" dia. x 1/2" thick aluminum plate mounted to Bracket Leg. with 10-24 x 1/2" stainless steel flat head machine screws. Mounting Plates to have three (3) holes tapped for 10-24 x 1/2" socket set screws.

Bracket Leg - ST-128
1/2" thick water jet cut plate with 4" x 1/2" x 1/4" thick tab for inserting into slot in 1/4" plate aluminum. Mounting Bracket and welding from back side, paint Metallic Silver P8.

Mounting Bracket - ST-127
10" x 2" x 1/4" aluminum plate Mounting Bracket with slot to except Bracket Leg tab and four (4) 7/16" holes for anchors. Bracket Leg tab to be plug welded from back side to Mounting Bracket, paint Metallic Silver P8.

Existing Wall
Sign to be mounted to wall with button head fasteners as required for wall type (vent). Blocking by others if required.
Porcelain Panels
One (1) 12" dia. 11/16" deep formed steel pan with backed porcelain enamel graphics and background mounted to mounting plates with 10-24 x 1/2" stainless steel socket head screws.

Mounting Plate - ST-129
11 5/8" dia. x 1/2" thick aluminum plate mounted to Bracket Leg with 10-24 x 1/2" stainless steel flat head machine screws. Mounting Plate to have three (3) holes tapped for 10-24 x 1/2" socket set screws.

Existing Wall
Sign to be mounted to wall with button head fasteners as required for wall type (verify). Blocking by others if required.

Aluminum Panel - ST-34
One (1) 12" dia. 1/4" thick aluminum panel with painted background and cut vinyl graphic, White V6.

Existing Mounting Surface
VHB Tape and Silicone to surface (T.B.D.)

Note: Layouts
A. Phone
B. Information
C. TVM
D. Bike Storage
E. Restroom
F. Men's Restroom
G. Women's Restroom
H. Baggage Carts
I. Belt Check Paint Dark Blue P1
J. Accessible Area
K. Elevator
L. ADA Blue P9
M. Emergency Phone
N. Red P3

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
F3 - Tactile
1/8" thick etched zinc plaque with 3/8" radius corners and raised text, symbols and braille. Background painted Dark Blue P1, text and symbols painted White P6. Attach with VHB taped and Silicone to .090" thick aluminum backer panel. Backer panel to be 1/8" smaller on all sides than information panel. Attach to wall with 1/4" fasteners as required for wall type (verify). Blocking by others if required.

F4 - Information Panel
.090" thick aluminum panel with 3/8" radius corners. Edges painted Dark Blue P1, digitally printed vinyl mounted to face. Attach panel with VHB taped and Silicone to .090" thick aluminum backer panel. Backer panel to be 1/8" smaller on all sides than information panel. Attach to wall with 1/4" fasteners as required for wall type (verify). Blocking by others if required.

F5 - Bike Locker Location ID
1/8" thick aluminum panel with 3/8" radius corners, Edges painted Dark Blue P1, digitally printed vinyl mounted to face. Mounting method to be determined by existing conditions (verify).

Bike Locker Vinyl Decal
Digitally printed vinyl.

Not For Construction
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Parking Entry ID Beam Mount
1/8" aluminum panel with edges painted Dark Blue
P1 and digitally printed vinyl mounted to sign face.
Mount sign to fascia with fasteners as required by
wall type (verify). Blocking by others if required.

Parking Entry ID Beam Mount
1/8" aluminum panel with edges painted Dark Blue
P1 and digitally printed vinyl mounted to sign face.
Mount sign to fascia with fasteners as required by
wall type (verify). Blocking by others if required.

Parking Entry ID Beam Mount
1/8" aluminum panel with edges painted Dark Blue
P1 and digitally printed vinyl mounted to sign face.
Mount sign to fascia with fasteners as required by
wall type (verify). Blocking by others if required.

Sound Transit management assumes
responsibility for all sign symbols,
messages and content within the system.
Parking Zone Panel
2'-0" dia. x 1/8" thick aluminum panel. Digitally printed vinyl applied to sign face.

Adjustable Sign Mounting Hardware
30" x 3/4" x .020" stainless steel strap with tightening clip and flared leg bracket. Sign to be attached to flared leg bracket with 3/16-18 x 1/2" countersunk flat head screw with head painted to match background color.

Existing Lightpole

1. Elevation View / G4 Park & Ride
   Scale: 3/4" = 1'-0"

2. Side View / G4 Park & Ride
   Scale: 3/4" = 1'-0"

3. Elevation View / G5 Directional, Post Mounted & R4 Regulatory, Parking
   Scale: 3/4" = 1'-0"

4. Side View / G5 Directional, Post Mounted & R4 Regulatory, Parking
   Scale: 3/4" = 1'-0"

Existing Lightpole

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

MAY 2013

Not For Construction

UNCONTROLLED DOCUMENT
Regulatory Panel
1'-6" x 1'-0" x .080" thick aluminum panel with 3/8" radius corners. Digitally printed vinyl mounted to sign face.

Adjustable Sign Mounting Hardware
30" x 3/4" x .020" stainless steel strap with tightening clip and flared leg bracket. Sign to be attached to flared leg bracket with 3/16-18 x 1/2" hex head washer face cap screw with rubber washer (attached).

R1.G Van Accessible Panel
12" x 6" x .080" thick aluminum panel with 3/8" radius corners. Digitally printed vinyl mounted to sign face.

Existing Post

Note: Layouts
A. No Parking
B. 15 Min Parking
C. 24 Hr Parking
D. Security and Police Parking
E. Service Vehicle Parking
F. Accessible Parking
G. Van Accessible Parking
H. No Trespassing
J. No Trespassing
K. Authorized Personnel
L. Emergency Exit

*Note: Locate hardware to not obstruct legibility of artwork on sign face.
Case Break Away Cap - CD-82 (AC-11)
1/8" thick aluminum panel with Cast aluminum cap, paint Metallic Silver P8 (verify dimensions).

Regulatory Panel
1/8" thick aluminum panel with 3/8" corner radius. Digitally printed vinyl mounted to sign face. Attach with VHB taped and Silicone to .090" thick aluminum backer panel. Backer panel to be 1/8" smaller on all sides than regulatory panel. Attach to wall with 1/4" fasteners as required for wall type (verify). Blocking by others if required. *

Vertical Support
Provided by others

*Note: Locate hardware to not obstruct legibility of artwork on sign face.

Regulatory Panel
.090" thick aluminum panel with 3/8" corner radius. Digitally printed vinyl mounted to sign face. Attach with VHB taped and Silicone to .090" thick aluminum backer panel. Backer panel to be 1/8" smaller on all sides than regulatory panel. Attach to wall with 1/4" fasteners as required for wall type (verify). Blocking by others if required. *

Existing wall

Not For Construction
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.
Regulatory Panel
1'-0" x 8" x .090" thick aluminum panel with 3/8" radius corners. Digitally printed vinyl mounted to sign face. Attach with VHB taped and Silicone to .090" thick aluminum backer panel. Backer panel to be 1/8" smaller on all sides than regulatory panel. Attach to wall with 1/4" fasteners as required for wall type (verify). Blocking by others if required.*

Existing Post
Adjustable Sign Mounting Hardware*
30" x 3/4" x .020" stainless steel strap with tightening clip and flared leg bracket. Sign to be attached to flared leg bracket with 3/16-18 x 1/2" hex head washer face cap screw with rubber washer (attached).

Note: Layouts
A. No Smoking in Transit Facilities
B. Driver Alert
C. Danger
D. Warning
E. Escalator
F. Fare Paid Zone

*Note: Locate hardware to not obstruct legibility of artwork on sign face.
Panel
2'-0" x 2'-0" x .080" thick aluminum panel with 1" radius corners. Digitally printed vinyl mounted to sign face.

Adjustable Sign
Mounting Hardware
3/4" x 3/4" x .020" stainless steel strap with tightening clip and flared leg bracket. Sign to be attached to flared leg bracket with 3/16-18 x 1/2" hex head washer face cap screw with rubber washer (attached).

Existing Post

Panel
2'-0" x 2'-0" x .080" thick aluminum panel with 1" radius corners. Digitally printed vinyl mounted to sign face.

Adjustable Sign
Mounting Hardware
3/4" x 3/4" x .020" stainless steel strap with tightening clip and flared leg bracket. Sign to be attached to flared leg bracket with 3/16-18 x 1/2" hex head washer face cap screw with rubber washer (attached).

Existing Fence

Elevation View / R3 Regulatory, Caution, Pole Mount
Scale: 3/4" = 1'-0"

Side View / R3 Regulatory, Caution, Pole Mount
Scale: 3/4" = 1'-0"

Elevation View / R3 Regulatory, Caution, Fence Mount
Scale: 3/4" = 1'-0"
Note: Layouts

A. Danger
B. Do Not Cross

Regulatory Panel
4'-0" x 2'-6" x .080" thick aluminum panel with 1" radius corners. Digitally printed graphics on vinyl mounted to sign face.

Adjustable Sign Mounting Hardware
30" x 3/4" x .020" stainless steel strap with tightening clip and flared leg bracket. Sign to be attached to flared leg bracket with 3/16-18 x 1/2" hex head washer face cap screw with rubber washer (attached).

Existing Post

Digitally printed vinyl. Mount to each side of existing ORCA reader.

Sign Type R Regulatory

R7 ORCA Reader
R8 Regulatory

Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

PRODUCTION DRAWINGS

4D-R.05

Not For Construction

SCALE: 1:2 (half full size)

SCALE: 3/4" = 1'-0"

SCALE: 3/4" = 1'-0"
Sound Transit management assumes responsibility for all sign symbols, messages and content within the system.

**Signature Type V**
- **V1 Central Line Map**
- **V2 Tacoma Line Map**
- **V3 Regulatory**
- **V4 Bicycle Conduct**

**Note:** Artwork Sound Transit to supply artwork. Placeholders shown.
Porcelain Panel
12" dia. formed steel face pans with baked porcelain enamel background and graphics.

Sub Frame - ST-124
Pan to be mounted to 11 13/16" dia. x 1/2" thick aluminum plate fastened to 3/8" Mounting Panel. Sides of 1/2" plates tapped for 3) 10-24 x 1/2" stainless steel socket set screws.

Mounting Panel - ST-125
3/8" thick water jet cut aluminum Mounting Panel inserted into slot in mounting bracket and welded, paint Metallic Dark Blue P1.

Mounting Bracket - ST-126
Mounting bracket to be 3/8" aluminum plate with slot to accept 3/8" thick Mounting Panel.

Backer Panel
Backer panel is 1/4" aluminum painted Black P11 and adhered to Mounting Panel with VHB tape and Silicone (back side).

Vertical Support
Support pole to be 4" steel square tube with 8" x 8" x 3/8" welded steel mounting plate, paint Metallic Dark Blue P1. Mounting plate to be installed to specific floor type, see Installation Detail.

Installation to Tile Detail / X1

Installation to Concrete Detail / X1

Installation to Metal Plate / X1

Elevation View / X1

Side View / X1

Front View / X1

Mounting Plate Detail / X1

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

Scale: 3/4" = 1'-0"

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

Scale: NTS

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