



City of Phoenix

Phoenix  
Sky Harbor  
International  
Airport

Issued 05/05/06  
100% Manual

# Sign Standards & Guidelines

Terminals 2, 3, 4  
Curbfronts  
Roadways  
Parking Garages



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**This manual is new to Phoenix Sky Harbor International Airport, and has not been used before May 5, 2006.**

For ease of reference, this manual has subdivided the signage areas located around the PSHIA site into the following sections:

## **Section 3.1 - Terminal (2, 3, 4) Sign Standards**

## **Section 4.1 - Curbfront Sign Standards**

## **Section 5.1 - Parking Garage Sign Standards**

## **Section 6.1 - Roadway Sign Standards**

Signs shown in this manual shall be consistently used throughout the airport wherever possible. Due to architectural conditions throughout the airport, some variations may be necessary. However the graphical information with the same degree of emphasis provided in this manual should be utilized on all like signs. Where variations occur, the graphic elements such as arrow widths, font style and symbol style shall remain consistent and whether enlarged or reduced should remain in proportion to each other.

The sign types located in each of the above listed areas are similar to each other in each area. However, the sign characteristics demonstrated in this manual are modeled after most of the existing signs found throughout PSHIA. The signs have been refined to be more consistent throughout all areas. Each area will have a variety of similar sign styles, therefore signs have been categorized into four (4) common sign types in each section:

**Overhead & Suspended Directional Signs** shall be utilized as the primary source of directional information. The signs shall have varying heights and lengths to accommodate various directional situations. Most signs should be located at a standard height (ADA guidelines page 2.XX) above finished floor or roadway and where architectural conditions permit. These signs may also have removable message strips.

**Flag Signs** shall be utilized to identify a location. A flag sign may be used as a directional sign ONLY in limited and PSHIA approved manner.

**Wall Signs** shall be utilized to supplement directional signs by showing identification, information, miscellaneous directional and regulatory information.

**Free Standing Signs** are used where information is subject to change & graphic directories.

Terminal signs will have the following in common:

Signs will have a dark brown background to match



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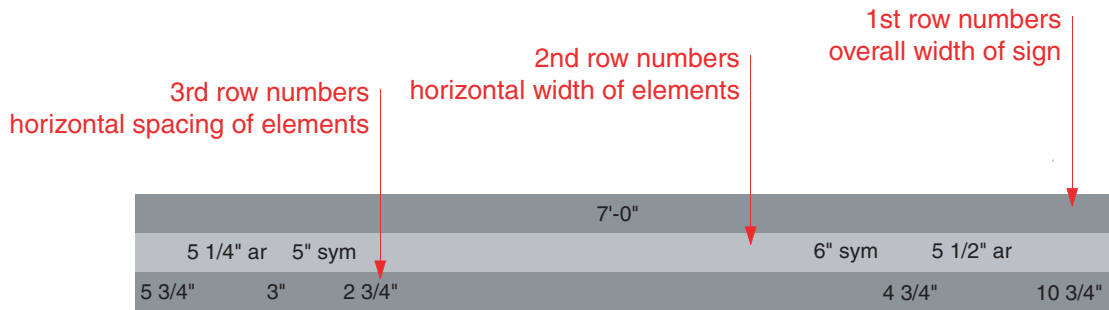
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# GRAPHIC USAGE EXPLANATION SHEET

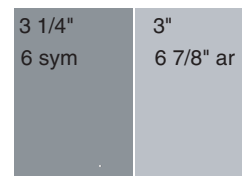
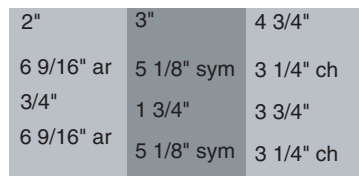
Note: Grey bars shown for explanation purposes only

Sign Type

Page Number



Outer bar/numbers overall vertical sign size



Vertical dimensions for the text from top of sign Directly below (typical)

Vertical dimensions for the symbols Directly below (typical)

Vertical dimensions for the arrows Directly below (typical)



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## Foreword

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- 1.1 Introduction
- 1.2 General Philosophy
- 1.3 General Philosophy

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## General Specifications

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- 2.1 Wayfinding Arrows
- 2.2 Wayfinding Arrows
- 2.3 International Graphic Symbols
- 2.4 International Graphic Symbols
- 2.5 Symbol Graphics Layout
- 2.6 Graphic Symbol Relationships
- 2.7 Typeface Spacing
- 2.8 Terminal Message Terminology
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- 2.10 Message Hierarchy
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- 2.12 Sign Program Colors
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- 2.14 Bureau Mijksenaar Wayfinding Color Code
- 2.15 ADA General Approach
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- 2.17 ADA - Area of Rescue Assistance
- 2.18 ADA - Wayfinding Signs
- 2.19 ADA - Accessible Symbols
- 2.20 ADA - Visual Character Heights
- 2.21 ADA - Viewing Distances
- 2.22 ADA - Viewing Distances
- 2.23 ADA - Parking
- 2.24 Post and Panel Roadway Color Sign bands
- 2.25 Overhead Roadway Color Sign bands
- 2.26 Roadway Wayfinding Arrows
- 2.27 Roadway Typeface
- 2.28 PSHIA LCD Displays (*PSHIA to Supply Information*)



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## Interior Terminal Sign Standards

- 3.1 - Overhead Directional Signs (T2)
- 3.2 - Overhead Directional Signs (T2)
- 3.3 - Overhead Directional Signs
- 3.4 - Overhead Directional Signs
- 3.5 - Overhead Directional Signs
- 3.6 - Overhead Directional Signs
- 3.7 - Overhead Directional Signs
- 3.8 - Overhead Directional Signs
- 3.9 - Overhead Non-directional Information Sign
- 3.10 - Overhead Directional Gate Sign
- 3.11 - Suspended Moving Walkway / Exit Sign
- 3.12 - T3 North Concourse Gates / Airline Identity Signs
- 3.13 - T3 South Concourse Gates / Airline Identity Signs
- 3.14 - T3 Directional Sign Bands
- 3.15 - T3 Services and Facilities Identity Sign Bands
- 3.16 - T3 Ticket Counter illuminated and Non-illuminated Identity Signs
- 3.17 - T4 Ticket Counter Identity Signs/ T3 Facilities Identity Bands
- 3.18 - Over Doors Directional Sign
- 3.19 - Over Doors Directional Sign / - Over Doors Information Sign
- 3.20 - Directional Information Door Sign / Ground Transportation Door Sign
- 3.21 - Curbside ID Over Door Sign / Information Desk Identity Sign
- 3.22 - Overhead Directional Sign Gate Identity Sign
- 3.23 - T2 Gate Identity Sign
- 3.24 - T3 T4 Gate Identity Signs
- 3.25 - Public Facilities ID Flag Sign
- 3.26 - T2 Gate Portal Identity Sign / T3 Gate Portal Identity Sign
- 3.27 - T4 Gate Portal VMS Identity Signs / T4 Gate Portal Identity Sign
- 3.28 - Ceiling Suspended Area of Rescue Assistance Sign
- 3.29 - Interior/Exterior Glass Door Number Sign / Terminal Identity Sign
- 3.30 - ADA Restroom Wall Sign / ADA Family Assisted Restroom Sign
- 3.31 - Area of Rescue Assistance Wall Sign
- 3.32 - No Smoking Wall Sign



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## Terminal Curbfronts Sign Standards

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- 4.1 - Exterior Terminal 3/4 Door ID Sign
- 4.2 - Exterior Identity Level Door Sign/ Exterior Airline Information Door Sign
- 4.3 - Curbside Airline Identity Sign
- 4.4 - T4 Airline Entrance Sign
- 4.5 - Ground Transportation Flag Signs
- 4.6 - Crosswalk Identity Post Sign/ Terminal 2/3 Walkway Post Sign

## Parking Garage Sign Standards (Vehicular Signs)

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- 5.1 - T3 Directional Garage Sign
- 5.2 - T3 Directional Garage Sign / "Do Not Enter" Garage Sign
- 5.3 - T2 Directional Garage Sign/ T2 Crosswalk Sign (pedestrian)
- 5.4 - Typical Directional Sign
- 5.5 - Typical Directional Sign / "Do Not Enter" Garage Sign
- 5.6 - T2 Directional Garage Sign
- 5.7 - T3 Floor Level / Row Sign / T4 Floor Level / Row Sign
- 5.8 - Primary Level Identity Sign / Secondary Level Identity Sign

## Roadway Sign Standards

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- 6.1 - Post and Panel Sign
- 6.2 - Post and Panel Sign
- 6.3 - Post and Panel Sign
- 6.4 - Post and Panel Sign
- 6.5 - Overhead Directional Sign
- 6.6 - Overhead Directional Sign
- 6.7 - Overhead Information Sign
- 6.8 - Overhead Directional Sign
- 6.9 - Overhead Directional Sign
- 6.10 - Overhead Directional Sign
- 6.11 - Overhead Directional Sign



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In April 2005 Wilbur Smith Associates (WSA) began an Existing Sign Inventory for Phoenix Sky Harbor International Airport (PSHIA) . Inventory information has been gathered regarding the signage program and the graphics as well as photo documentation, specific site surveys, field observations and review of existing signage and analysis of circulation patterns.

The continuing changes of airline names and operations, on-going airport expansion projects such as the new Rental Car Facility, Parking Garage, Terminal 4 expansions and renovations, findings of the airport-wide inventory and new ADA sign guidelines have a direct impact on wayfinding signs. For these reasons, PSHIA has adopted a cohesive and comprehensive airport Sign Standards Manual. (Sky Harbor is comprised of 550 Acres which includes a Rental Car Center, Fire Station, Corporate Offices, Bus Maintenance and Greyhound Bus Lines. The existing sign standards for these complexes are governed by a separate manual.)

These signage guidelines are a foundation based upon the most effective signage found throughout the PSHIA. The Terminal 4 directional signage serves as a model, becoming the basis for the development of new signage or modification of existing signage.

The number of passengers traveling by air is increasing at PSHIA, meaning the need for effective wayfinding information to help passengers and visitors to find their destination in a clear, concise and confident way is also increasing. Therefore, the wayfinding sign system should be very clear and instantly understandable, contributing to traveler's sense of security while in the airport and guiding them around in an efficient manner. Creating a uniform standards manual will help reduce future inaccuracies with the modification of signs and create a solid foundation for the implementation of new signs in new facilities or renovated areas.



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The primary purpose of PSHIA sign system is to aid the movement of passengers through the airport in an efficient and confident manner, through understanding the needs of the traveling public. Human behavior studies have determined some general principles upon which a communicative sign system can be based. Communication of wayfinding information is also a learning process; therefore, the effective communication can also be utilized to help educate and create a confident reliance on a sign system. The principles of effective communication which are applied to the PSHIA sign guidelines are: consistency and uniformity, simplicity, continuity, repetition and rehearsal.

**Consistency:** refers to a passenger's expectations based on past experiences (in this case other and **Uniformity** sign systems) called cognitive mapping. To help educate, orient and establish directional awareness in PSHIA, signs must be uniform in: terminology, symbol layout, sign presentation, sign size and color. This allows for comfortable "scanning of signs, then messages" to pick out message directions and, ultimately, the right route for oneself.

**Simplicity:** enables a passenger to become relatively familiar with terms and symbols used throughout a facility. Common use of typical messages rather than complex transit language or naming of an area in a building will help passengers obtain the information they need quickly and easily.

**Continuity:** in a sign program is a "building up" of the amount of information presented to a passenger. For passenger ease, minimal information is given upon entrance into the building. As progression continues, new information is provided to destinations (reassuring that one is on the "right track") so that a passenger does not have to assimilate and remember everything at one time.

**Repetition:** is the easiest form of sign education. Repetition of messages can be useful to reinforce destination information through the sequential use of repeating messages without information gaps on various sign types.

**Rehearsal:** is based upon information given to the passenger prior to using a sign system. Pre-educating the passenger before navigating a wayfinding sign system can be done through the news and media; "You are here" maps can also greatly assist in removing the mystery of building architecture and in developing one's cognitive mapping of the airport.

### "Best of" Standard

The general sign planning and design principles indicated above are expressed in this manual through the standards described and sign type examples depicted. The sign type examples depicted represent for each sign type the "BEST OF" existing signage or with modifications to exemplify the "best of" signage.

The purpose for using the "best of" existing signage is to serve as a model of the standards being a visual example for airport personnel to easily reference and implement. Use of the existing sign graphics and hardware will reduce future cost outputs for brand new components, expedite future changes to messaging and eliminate the need for a "major change-over" to a new sign system. As messages are updated and revised throughout the airport, the new standards can more easily be



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implemented due to the visual and functional coordination with other existing signage. When signage needs to be updated, using the "best of" examples will simplify the process. Where one only needs to provide the new message(s), all graphic elements can be found in the manual. This shall reduce and/or eliminate the on-site process of creating new: sign layouts, messages and corresponding symbols, sign sizes, colors and cap heights.

For the sake of economy and realistic implementation, the "best of" approach standards use existing sign sizes and proportions as much as possible by resurfacing sign faces or replacing panels only. However, in some instances replacement of signs may be necessary to overcome illumination deficiencies or to comply with new ADA requirements for message heights.

### **Legibility**

The applications of the "best of" sign system which have been described in this standards manual are the graphic applications, which include: background field, text and symbol colors, symbol usage, lighting, conspicuity, message information, cap heights for ADA reasons and to a lesser extent, locations. The existing signs exhibit a good balance of contrast between the white characters and the duranodic brown backgrounds, creating a highly readable message. Recommended contrast levels to satisfy ADA are 70%, which the existing terminal 4 "best of" interior duranodic brown signs meet. The roadway signage and parking garage are not covered by ADA; however, the contrast levels for the roadway signs need improvement to equal the interior signage. The symbols used in conjunction with a message are for the most part correct and up-to-date, which lends to good consistency. The amount of ambient lighting or illumination of the sign message will affect the legibility and conspicuity of the sign in the surrounding architectural conditions. Being able to "see" the signs and the message at a glance will reduce the chances of creating an information gap by overlooking an important decision point.

### **Location**

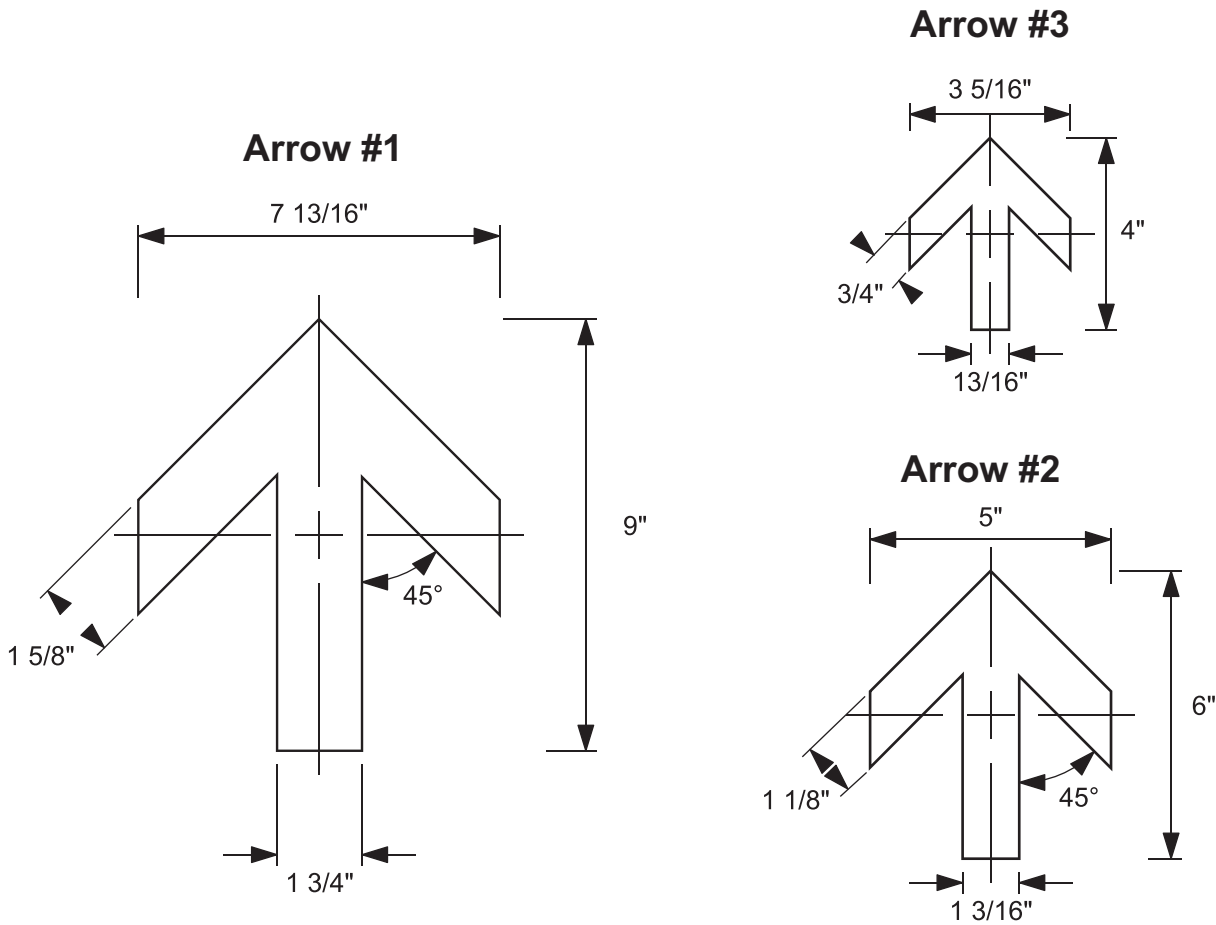
Directional signage can also create its own information gap when a message is not consistently shown to the passenger along a destination route, especially when alternate decision points interrupt the route. Reaffirming directions to the original destination point is critical, so that a passenger can feel comfortable when new directions/optional routes are presented and he/she can stay on the intended route. The most important locations for signage are prior to the area of a decision point. This should allow for passengers to assimilate possible architectural changes on their approach, that might affect their destination route, should also moreover provide them with information to either stay on their intended path or deviate to follow a new route. By locating signs within an area of a decision point, we can meet the 2004 updated ADA regulations. Applying realistic viewing distances on information needed within the time frame of a passenger's approach to a specific sign at PSHIA terminals can help meet ADA guideline recommended cap heights in relation to the sign and the decision point.

The goal of the wayfinding system is to present possible destinations and opportunities to the passenger, while offering concise and easy-to-read information for a passenger to confidently choose and follow a destination route. Although no sign system will satisfy everyone's needs, consistent and uniform signs are the most effective means to orient a majority of passengers within a space, whether in a building or site. This standards manual will provide all of the elements needed to produce an updated and consistent sign system.



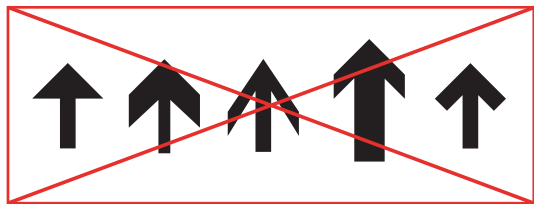
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**FIG. 1.1** Three standard size arrows  
 (See page 2.23 for roadway arrow styles and sizes.)

**Incorrect Arrow Use**



**FIG. 1.2**

Three standard size arrows shall be used throughout the interior sign program for consistency on both illuminated and non-illuminated signs.

Arrow Size #1 - To be used with cap heights no smaller than 3 inches

Arrow Size #2 - To be used ONLY in Terminal 2 for overhead directional signs

Arrow Size #3 - To be used with cap heights no larger than 3 inches

The arrows shown above match a majority of the arrows located throughout the airport. However, due to existing inconsistent sizes, thicknesses and arrowhead configurations, these guidelines should be referenced when creating new arrows.

See **Page 2.2 (FIG.1.4)** for arrow symbol and text relationships.

Note: Overhead roadway arrows have been increased in width, see page 2.26 for dimensions.



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Arrow Directions

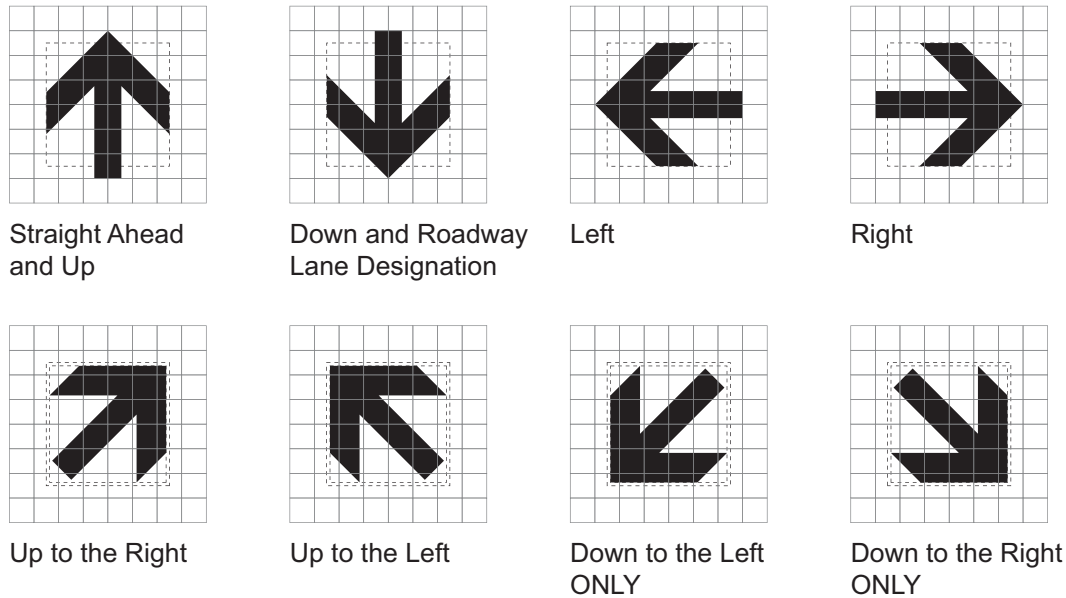
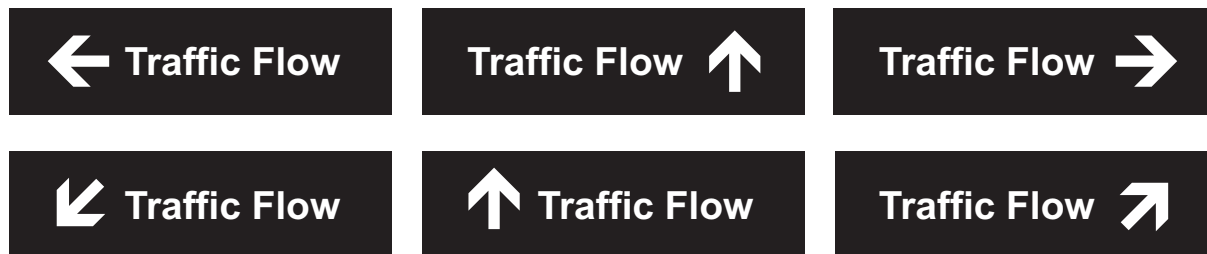


FIG. 1.3

Correct Arrow Placement and Use



Incorrect Arrow Use



FIG. 1.4

Messages and symbols always line up behind the direction of travel arrow, when indicating left or right directions, i.e., the arrow pointing to the right shall be the first symbol on the sign, followed by the symbol and finally the corresponding message. See also **fig.1.8 (page 2.11)**

Typically, on a double panel sign face the information should be aligned to the right of the sign face where possible (assuming arrows are not pointing into the message). By positioning the information to the right of the sign, the goal is to indicate a path of travel on or under the right side of the sign. When this is done on both sides of the sign a "roadway" pattern can develop creating a "going" path on the right and a "coming" path on the left.

Unless otherwise indicated on layout drawings, arrow placement should always be centered on the sign face from top to bottom. Where multiple arrows appear on a sign face. Arrows shall be aligned from top to bottom on center of the text and symbol.

### Terminal 2,3,4 Symbols

Men	Women	Men Accessible	Women Accessible	Restrooms	Restrooms Accessible	Ticketing/Check in	Passenger Pickup	NEW Family Assisted Restrooms	NEW Infant Changing Station	NEW Waiting Area

Meeter/Greeter	NEW Walk to the Left	NEW Stand to the Right	UPDATED Elevators	Litter	Water Fountain	NEW Chapel Meditation Room	Escalator	NEW Escalator Up	NEW Escalator Down	Information

Hotel Information	Lost and Found	TDD Telephones	Telephone	Restaurants	Cocktails	Shops	Baggage/Baggage Claim	Stairs	Baggage Lockers	Baggage Carts

Smoking	NEW Shoe Shine	UPDATED ATM	UPDATED Currency Exchange	Fax	NEW PALs	North Curb	South Curb	Exit	No Entry

### International Travel Symbols

UPDATED Duty Free Shops	Agriculture	Immigration	Customs

### Emergency Symbols















NEW AED Automated External Defibrillator	Extinguisher	UPDATED Fire Hose	First Aid	UPDATED In Case of Fire... <small>In case of fire, do not use elevator. Use exit stairs.</small>







### Regulatory Symbols

									
No Baggage	No Carts	No Weapons	No Animals	No Smoking	No Littering	No Food	UPDATED No Flammable Materials	UPDATED No Incendiary Devices	No Explosive Devices
									
NEW No Cell Phones	NEW No Radios w/o Earphones								






### Roadway Symbols

									
Gates (Arrivals/Departures)	NEW Connecting Flights	Ground Transportation	Taxi	UPDATED Van Service Shared Ride Dial a Ride Courtesy Vehicle Inter-City Transport	Departures (see gates)	Arrivals (see gates)	UPDATED Ground Transportation Information	Limousine	Rental Car Rental Car Center
									
No Parking	Parking	UPDATED Inter-terminal Bus Bus/Charter Bus Rental Car Center Shuttle Airport Employee Bus Hotel/Resort Bus	Crosswalk (no border)						

### Terminal /Airport Symbols

			
Terminal 2	Terminal 3	Terminal 4	PSHIA Symbol

### Accessible Symbols

				
TDD/TTY	Volume Telephone	Access	UPDATED Assisted Listening	Access

Symbols should be used on sign faces with associated text messages. Terminal symbols shall be updated for enhanced visual clarity and uniformity. When selecting a symbol for use on a sign face, the international symbols above are to be used in conjunction with the terminology listed below each symbol. The frame around the symbol should be sized according to the specification guide **fig. 1.6 (page 2.5)**. The symbols which update what is currently in existence at PSHIA are denoted with a red "updated" description and represent the new standard for that symbol.

Terminal 2 symbols with black pictograms and white backgrounds will be reversed to a white pictogram on a black field with a white border. Terminal 3's black symbols on colored fields will also be updated, to a white pictogram on a black field with a white border.

Typical Terminal Symbol Layout

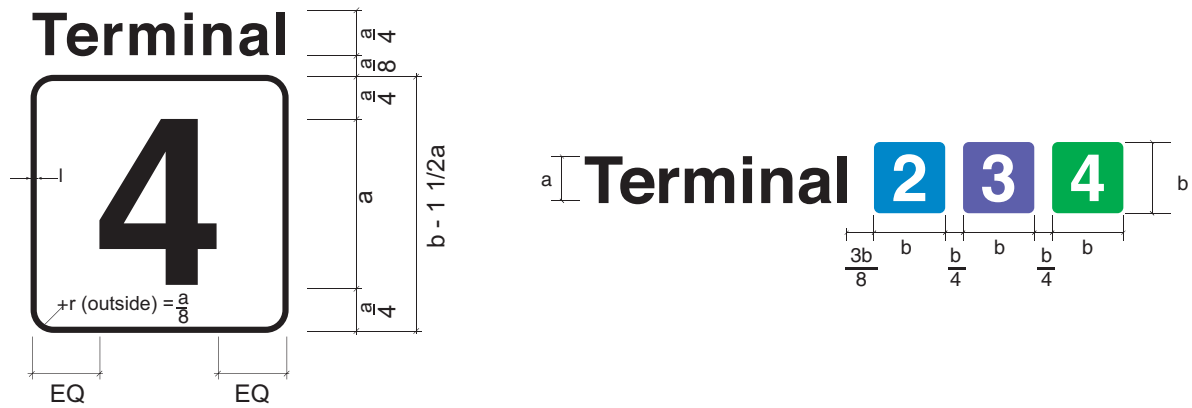


FIG. 1.5a

Note: Symbols shown in black are the reverse color and when placed on sign, all black shall be white, unless otherwise depicted in color. The interior terminal graphic symbols shall always follow the word "Terminal".

Typical Symbol Message Spacing

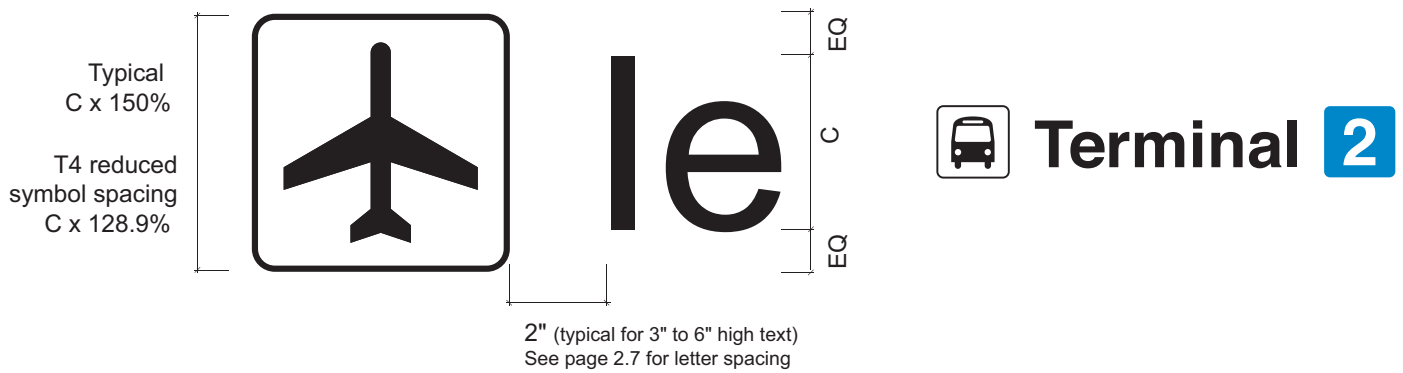


FIG. 1.5b

Where the terminal graphic symbol is used on interior directional signs, the primary symbol shall indicate the action to be taken to reach the terminal(s) listed, as shown above. The Terminal symbol should NOT be used in the primary graphic symbol location. In most cases where a terminal message is used on a directional sign face, a corresponding international symbol should be used in the primary symbol location indicating the action to be taken to reach the terminal destination.

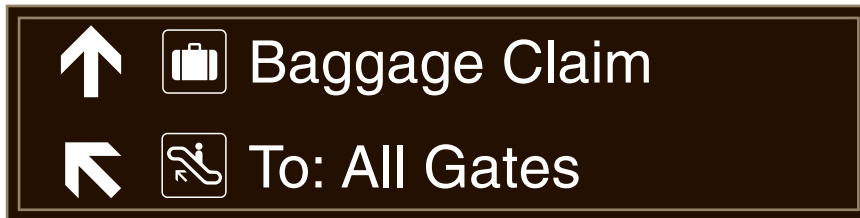
The international symbol sizes used in this manual on Page 2.3-2.4 are taken from the most consistent symbols located in Terminal 4. The measurements above can be used to size the symbols found on the previous pages as well as the Terminal 2,3,4 symbols.

**Example Dimensions for Terminal Identification & North/South Identification**

a (cap height)	b symbol height - outside dimension = 1.5a	r (outside radius of symbol) = 0.125a	l (rule thickness)	c (arrow length) = 0.875b
2-1/2	3-3/4	5/16	3/32	3-1/4
4-1/2	6-3/4	9/16	1/8	5-7/8
5	7-1/2	5/8	1/8	6-1/2
6	9	3/4	1/8	7-7/8
9	13-1/2	1-1/8	3/16	11-3/4
10-1/2	15-3/4	1-5/16	1/4	13-3/4
12	18	1-1/2	1/4	15-3/4

**FIG. 1.6** Note: International symbols shall use the same symbol height, outside radius and rule thickness specifications.

**Typical Symbol Use**



**Special Symbol Use**



**Helvetica Medium** should be used on all illuminated signs. This text stroke width when internally illuminated will compensate for the "halo effect", where the stroke will appear to glow and enlarge the visual appearance of the type.

**Helvetica Bold** should be used on all non-illuminated signs so that the sign text has the same visual thickness as the illuminated directional signs. This type face shall also be used on the roadway sign faces.

**Helvetica Medium**

---

abcdefghijklmnopqrstuvwxy  
 z  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 1234567890

**Helvetica Medium** should be used on all illuminated signs. This text stroke width when internally illuminated will compensate for the "halo effect", where the stroke will appear to glow and enlarge the visual appearance of the type.

**Helvetica Bold**

---

abcdefghijklmnopqrstuvwxy  
 z  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 1234567890

**Helvetica Bold** should be used on all non-illuminated signs, so that the sign text has the same visual thickness as the illuminated directional signs. This type face shall also be used on the roadway sign faces.

**Pedestrian Letter Spacing**

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**Ab** Ground Transportation  
 J L  
 10% kerning

**Roadway Letter Spacing (see page 2.27 for roadway typeface)**

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**Ab** Rental Car Return  
 J L  
 50% kerning

Typeface spacing is adjusted to promote legibility of the words on sign faces. The spacing helps define the "footprint" of a word.



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**Terminals**

ATM (Automatic Teller Machine)	Infant Changing Station
Accessible Route	Information
Adult Changing Station	International Arrivals
Agricultural Specialist	International Concourse
Airline Self Check-in	TDD
All Gates	TTY
Area of Rescue Assistance	Telephones
Arrivals	Temporary Area of Refuge
Arriving Flights	Terminal
Baggage Claim	Ticket Purchase
Baggage Recheck	Ticketing/Check In
Baggage Service	Ticketing Level/Check-In
Business Center	Men
Chapel	North Curb
Cocktails	Passenger Assistance Center
Connecting Flights	Passenger Service
Courtesy Phone Center	Rental Car
Currency Exchange	Rental Car Center Shuttle
Departing Flights	Restaurants
Departures	Restroom
Directory	Safe Haven
Drinking Fountain	Security Checkpoint
Duty Free Shop	Shoeshine
Elevator	Shops
Escalator	Smoking Lounge
Family Assisted Restroom	South Curb
Federal Inspection	Stairs
Gate(s) ABCD (example)	Waiting Area
Gates A1-20 (example)	Walkway to Terminal
Ground Transportation	Women
Hotel Information	

**Curbside**

Airport Employee Shuttle Bus
Airport Parking
Charter Buses
Charter Vehicles
Courtesy Vehicle
Crosswalk
Dial-A-Ride
East Economy Parking
East Economy Parking Shuttle
Economy Parking
High Profile Parking
Hotels/Resorts Shuttle
Hourly Parking
Inter-City Transport
Inter-Terminal Shuttle
Limousine
Loading Dock
Off Airport Parking
Parking
Parking Garage
Parking Lot Shuttle
Rental Car Center Shuttles
Rental Car Return
Shared Ride
Taxi
Van Service
West Economy Parking
West Economy Parking Shuttle
ATM (Automatic Teller Machine)
Accessible Route
Adult Changing Station
Agricultural Specialist

**Eliminated Terminology (messages which should no longer be used on signs)**

Airline Gates	Departures Curb	Gifts	Men's Restroom	Terminals
Arrivals Curb	Dining	Ground Transport	News	Ticket Counter(s)
Baggage Check-In	Family Restroom	International Gates	Passenger Level	Ticket Purchase
Baggage Control	Federal Inspection	Ladies	Passenger Lobby	Ticketing
Car Rentals	Food	Lobby	Phone	Transportation
Cashier	Gates/Planes	Loading Dock	Planes	Women's Restroom
Club	Gentlemen	Meeting and Greeting	Services	
Coffee Shop	Gift Shop	Center	Street	Airline Gates

Message terminology is the actual word used on the sign face. Consistent use of official terminology in this list will help eliminate identification confusion, duplication of the same information and provide informational continuity throughout Phoenix Sky Harbor International Airport sign program. All terms listed here are currently in use throughout the Terminals.

This terminology list has been reviewed and deemed the ONLY standard list of approved terms to be used for any new or refurbished signs in the Terminals and on the roadway. Any terminology deviation from this specific list must have PSHIA's approval prior to fabrication.

Note : The terminology has been separated into two categories; this page lists the messages associated with the terminals and curbsides. The following **Page 2.9** lists the roadway and city messages

All messages listed here should, where possible, be used in conjunction with the international symbols on **Page 2.3-2.4**.

For terminal and roadway signs, the first letter is to be capitalized, except in instances which use a hyphen. Consideration has been given to minimize the plural use of terminology. i.e., (Taxi vs. Taxis).



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**Roadway**

Rental Car Return  
 Advantage  
 Alamo  
 Avis  
 Budget  
 Dollar  
 Enterprise  
 Hertz  
 National  
 Thrifty  
 Aeromexico  
 America West Premier Pak  
 America West Technical  
 Support (American West  
 Tech. Support)  
 Air Canada  
 Alaska/Horizon  
 America West /Express  
 American  
 Arizona Express  
 ATA  
 British Airways  
 Continental  
 Continental Airlines Quickpak  
 Delta  
 Frontier  
 Great Lakes  
 Hawaiian  
 JetBlue  
 Lufthansa  
 Mesa Airlines  
 Midwest  
 Northwest / KLM  
 Southwest  
 Sun Country  
 United/Ted  
 US Airways  
 WestJet  
 Westward  
 Air Cargo  
 Airport Employee Shuttle Bus  
 Stop

Airport Information  
 Airport Maintenance  
 Airport Return  
 All EXITS  
 All Terminals  
 Arrivals  
 ARFF 19  
 Clearance  
 (Maximum Clearance)  
 CNG Facility  
 CNG Fueling  
 Departures  
 East Economy Parking  
 East Exit  
 Economy Parking  
 Employee Parking  
 FedEx  
 High Profile Parking  
 Hourly Parking  
 Inter-Terminal Shuttle Bus  
 Loading Dock  
 North Curb  
 North Side  
 Passenger Pick-Up  
 Parking  
 Parking Garage  
 Phoenix Police Airport Bureau  
 Ramp Up  
 Security Alert  
 Short Term Parking  
 South Curb  
 South West Air Cargo  
 Southwest Maintenance Facility  
 (Southwest Maint. Facility)  
 Stage and Go  
 Flight Information Waiting Area  
 Terminal 3 Parking  
 Terminal 4 Parking  
 UPS  
 US Customs  
 West Economy Parking

**City Information**

Downtown  
 Downtown Phoenix  
 East Valley Cities  
 Buckeye Road  
 24th St.  
 24th Street  
 24th Street South  
 41st Street  
 42nd Street  
 44th St.  
 44th Street  
 (Interstate) 10  
 (Interstate) 10 WEST  
 (Interstate) 10 EAST  
 (Interstate) 17  
 (Interstate) 17 NORTH  
 (State Route) 51  
 (State Route) 143  
 (State Route) 153  
 (State Route) 153 NORTH  
 (State Route) 153 SOUTH  
 LOOP 202  
 LOOP 202 EAST

Rental Car Return  
 Advantage  
 Alamo  
 Avis  
 Budget  
 Dollar  
 Enterprise  
 Hertz  
 National  
 Thrifty  
 Aeromexico  
 America West Premier Pak  
 America West Technical  
 Support (American West



City of Phoenix

**Phoenix  
 Sky Harbor  
 International  
 Airport**

	<b>Primary Message</b> <small>(First priority for available panel space, mostly overhead directional signs)</small>	<b>Secondary Message</b> <small>(Second priority for available panel space)</small>	<b>Tertiary Message</b>
<b>Interior Directional Signs</b>	1. Gates/All Gates <small>(Gate info: ABCD, 1-15 etc)</small> 2. Baggage Claim 3. Ground Transportation 4. Ticketing/Check In 5. Restrooms	1. Rental Cars 2. Parking 3. Information 4. Restaurants/Shops 5. North Curb 6. South Curb 7. Terminal (2, 3, 4)	1. International Arrivals 2. Duty Free Shop 3. Walkway to Terminal 4. (airline names) 5. Elevators 6. Escalators

FIG. 1.7



The message hierarchy allows one to determine without prior experience which messages are most important on a directional sign face. The order listed above demonstrates the order in which messages are listed when signing within areas of the facility.

Where sign faces only allow for a limited amount of message(s), a series of signs along a destination path should be used to convey the primary and secondary messages, i.e., Terminal 2 10" high sign faces allow for 1 message with directional arrow and symbol per panel. A primary message should be located on the first panel and the next subsequent message should be placed on the next sign panel along the intended path. The primary message should then be reaffirmed on the subsequent sign panel.

Primary messages should always be grouped with primary messages when more than one appears on a sign face. If there is a need for secondary messages on the same signs, their importance will always be secondary to the primary message, as will tertiary messages.

When locating messages on a multiple line sign face, after the message hierarchy has been established, the cascading message layout must follow the numerical sequence as listed above. Primary messages will be placed IN THE FIRST POSITION of a multi-line sign face, followed by the next relevant sequential message. See **Page 2.11** for message positioning.



City of Phoenix

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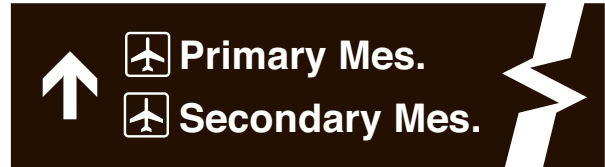
**2 Line Sign - First Position**

(One Primary Message)



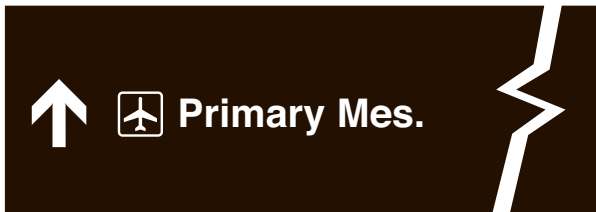
**2 Line Sign - Full Sign**

(Two Messages)



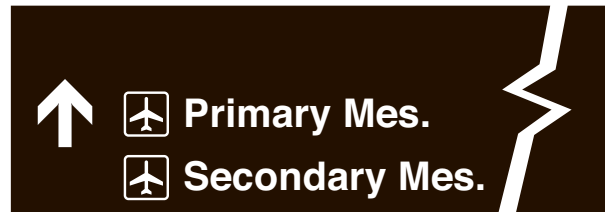
**3 Line Sign - First Position**

(One Primary Message)



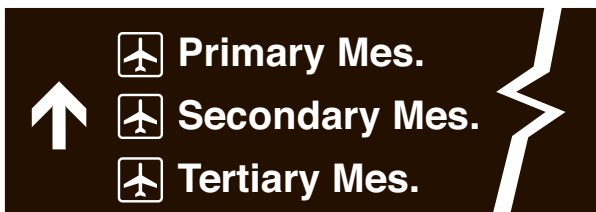
**3 Line Sign - First and Second Position**

(Two Messages)



**3 Line Sign - Full Sign**

(Three Messages)



**FIG. 1.8**

The consistent placement of primary, secondary and tertiary messages on directional signs is critical for passengers to learn and understand where they should be looking for their guided route. This will also help to prevent the negative or unused space on the sign from becoming too visually dominant.

Two line sign face: One line of information should be located on the bottom row of the sign. For two lines of information, the primary message should always be located on the top row of the sign.

Three line sign face: One line of information should be located on the middle row of the sign face. For two lines of information, the primary message should be located on the middle row and the next message should be located on the bottom row. Three lines of information, the primary message should be located on the top row with the next sequential messages below on the second and third rows.

This manual will address the existing colors used throughout PSHIA and recommend new colors where we think they could be helpful to the wayfinding capabilities within the environment.

Color coding signs and architectural details can be very confusing when not used in the correct manner. When passengers are overloaded with color choices, the results can either lead a passenger to the wrong destination or remove confidence in the system, rendering any color code non-useful to the user.

Any colors used in existing PSHIA signage should be used to color code only a destination, e.g., a specific parking garage level or terminal. PSHIA already has this sort of color coding in place, but it needs to be further defined. Each public building is color coded: Terminal 2 (blue), Terminal 3 (purple) and Terminal 4 (teal). The route to each terminal is along the color path indicated on the overhead roadway signs (which also labels the terminal). One color should lead to or label only one destination.

Colors that are seemingly close together, e.g., teal and green, can make distinguishing between the two difficult for some who may be color blind or not see color well. Therefore, when using colors in a color code system, the basic elementary colors should be used only once. Those colors are red, orange, yellow, green, blue, indigo, and violet (in that order). When implementing any new colors, we would strongly discourage using two similar colors to identify two separate destinations, as the user upon return may confuse which color is correct, e.g., light green or dark green.

## Terminals

- The color coding system used in the Terminal 3 international symbol background fields is confusing and visually distracting. We therefore recommend the various colors be removed from the symbols for enhanced clarity. The background color should be a dark brown to match the sign face color and the symbols should be white, allowing for maximum contrast.
- Additionally, we recommend removing ALL color from ALL of the international symbol background fields throughout the airport. However, where accessible symbols, regulatory symbols and special symbols require color, some exceptions can be made. See **Pages 2.3-2.4** for allowable color use on symbols.
- Obtaining good visual contrast with muted colors being either in the foreground or background can be quite difficult. Therefore, we recommend adjusting the Terminal 4 teal to a color closer to an elementary color. This should help to elevate the low visual contrast with text on non-illuminated signs.
- The colors used to indicate terminals are acceptable with a slight exception being the Terminal 4 teal. However, the amount of color used on the terminal curb fronts is very insignificant compared to the amount of color used along the roadway to indicate the terminal. If color is to be used to indicate a terminal as opposed to using Identification signage, then the amount of color used along the curbside should be significant. For instance, the amount of color used to indicate Terminal 4 ticketing check-in curbs are (4) 21 inch by 7 foot green illuminated signs. These signs are set back on the curb and have low visibility due to being parallel instead of perpendicular to the roadway. The terminal color should be viewable from most aspects of the drive along the front of each terminal.
- Colors should not be repeated to code more than one destination within the same building. However, in some cases colors may be repeated for use from one building to another. The Terminal 3 parking garage, for example, utilizes each color of the rainbow spectrum to color code each level. This color code system could also be used in the Terminal 4 parking garage. With the same colors being isolated to a specific area in each building, it is unlikely that passengers will be confused by the same colors, as the color coding is secondary to first locating the correct garage.

## Roadway

- The dark brown roadway colors are difficult to see during the day, due to reflection and a glossy finish. We recommend altering the color to a darker brown for higher contrast or to a dark gray.



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Terminal Colors

Wayfinding Colors

Color	Color #	PMS Color	Opaque Vinyl	Translucent Vinyl	Description
Dark Brown BRONZE	1	# -	-	- Architectural Bronze Anodized	Terminal Standard Color Match All background field colors MAP 41-313
White	2	#	Matte white #180C-10	white 3630-20	Standard Plexiglass Color: to match Rohm & Haas White 732
Lt Blue	3	#300C	Intense blue 3M 7725-57	Bright Blue 3M 3630-167	Terminal 2 ID Blue
Purple	4	#2622C	Plum Purple 3M 7725-48	3M Plum Purple 3630-128	Terminal 3 ID Purple
Teal	5	#322C	Teal 3M 7725-96	3M Teal Green 3630-246	Terminal 4 ID Teal
Blue	6	#300C	Intense blue 3M7725-57		Accessible Blue
Black	7		Matte Black 3M7725-22		Parking Garage Level 1
Med.Gray	8		Medium Gray 3M7725-31		Level A
Red	9		Tomato Red 3M7725-13	RED MAP (#23966)	Level B
Orange	10		Light Orange 3M7725-54	ORANGE MAP (#29653)	T3 Parking Garage Level 2
Yellow	11		Bright Yellow 3M7725-15	YELLOW MAP (#10211)	T3 Parking Garage Level 3
Green	12		Apple Green 3M7725-196	GREEN MAP (#26709)	T3 Parking Garage Level 4
Aqua	13		Dark Aqua 3M7725-307	TURQUOISE MAP (#29439)	T3 Parking Garage Level 5
Blue	14		Olympic Blue 3M7725-57	BLUE MAP (#25465)	T3 Parking Garage Level 6
Turquoise	15	3282	Turquoise 3M 3630-236		Information Desk
Maroon	16	228CV	Maroon 3M 1170		PSHIA logo (special order)
Brown	17		3M Scotchlite Film #1179		Roadway Sign backgrounds See add'l note on page 2.14
Red	18		3M EC #1172		Airport Return
Orange	19		3M EC #1174		Stage & Go
Green	20		3M EC #1177		Airport Exit"
Blue	21		3M EC #1175		Terminal 2"
Purple	22		3M EC #1170-13		Terminal 3" (special order)
Teal	23		3870 flood coat on 3870 reflective silver or clear EC		Terminal 4 (special order)
Violet	24				T4 Parking Garage Level 4
Red	25				T4 Parking Garage Level 5
Green	26				T4 Parking Garage Level 6
Orange	27				T4 Parking Garage Level 7
Yellow	28			Black Text	T4 Parking Garage Level 8
Blue	29				T4 Parking Garage Level 9

FIG. 1.9

The colors listed in this chart represent the only acceptable colors to be used throughout the airport wayfinding sign program. The following sign layout sections; 3.0, 4.0 and 5.0 use these colors.

All paints, vinyl and materials used shall be matte in finish.



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Phoenix Sky Harbor International Airport

## Port Authority of New York and New Jersey Color Code System

### Color Code Signing System

- Follow Yellow Signs when flying - for Gates, Ticketing, Baggage Claim, etc.

- Follow Black Signs for airport services - Restrooms, Elevators, Telephones, etc.

- Follow Green Signs when landing - for Parking, Ground Transportation, etc.



This color code system differs from the Phoenix color code in that it is a path color code as opposed to a destination color code. The color code design concept has a distinctive appearance and represents a dramatic departure from the current signage standards used at many U.S. airports. The concept utilizes distinct and highly visible color combinations to visually organize messages by types of information. Consistent application of these standards throughout the airport helps passengers recognize and follow messages associated with the departures and arrivals processes. The color code system also utilizes an extensive family of international symbols for universal understanding of messages.

The color code signage is based upon a modified design concept originally developed for the Port Authority of New York and New Jersey by Bureau Mijksenaar and Peter Muller-Munk Associates. Tests of this concept at the New York City airports and Port Columbus International Airport have resulted in significant increases of measured customer satisfaction with the wayfinding signage system.



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**General Approach:**

On September 16th 1991, the United States Department of Transportation issued its version of compliance with the Americans with Disabilities Act (ADA), including provisions on signage at airports and other public transportation facilities. On July 23, 2004, the U.S. Access Board, an independent Federal agency, issued updated accessibility guidelines for new or altered facilities covered by the Americans with Disabilities Act and the Architectural Barriers Act. These guidelines address a wide range of facilities in the private and public sectors. Presented here is an overview of the new guidelines that also highlights significant changes.

The objective of the PSHIA Standards manual is to bring PSHIA into compliance with the "Proposed Rule" updated ADA guidelines as of July 23, 2004 and also to better serve the general population traveling through PSHIA. Although the updated set of ADA guidelines has not been enacted into Federal Law, local building codes in some states have adopted the standards as a basis for signage in public facilities. Arizona has not adopted the "Proposed Rule" ADA guidelines into law.

The ADA guidelines are in place for those with medical "disabilities". However, as the general population increases in longevity, a sign system should also accommodate people who have moderate "non-prescribed" disabilities and rely on being able to travel independently. Phoenix has a good reputation for responding to the elderly population needs. By staying up-to-date with current needs for legible signage using the "Proposed Rule" ADA standards, PSHIA will remain at the forefront of accommodating an ever-aging population.

The new ADA guidelines have further refined how signs should be designed, fabricated and located. No new sign types have been added into the current listing of what is deemed ADA signage. The following list provides general sign types with a short explanation of the new applicable standards.

- **Signs Identifying Permanent Spaces (plaque signs) :**

The content required on the signs has not changed; however, tactile characters on signs shall be located 48 inches minimum above the finished floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches maximum above the finished floor or ground surface, measured from the baseline of the highest tactile character.

EXCEPTION: Tactile characters for elevator car controls shall not be required.

- **Overhead Wayfinding and Directional Signs:**

Overhead signs previously required a standard 3 inches minimum cap height regardless of the viewing distances. The updated standards require various cap heights based upon the viewing distance measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign.

- **Parking Signs:**

Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60 inches minimum above the finished floor or ground surface measured to the bottom of the sign.

The following **Pages 2.16 - 2.23** further detail the use and applications of each of the general sign types listed above.

*This manual is not coupled with any sign location plans and message schedules, and does not refer to any specific locations. These are interpretations made by Wilbur Smith Associates of the ADA "Proposed Rule" guidelines put forth in this standards manual and are a generalization. Any individual sign location(s) should be reviewed prior to any final fabrication or installation by the appropriate personnel. Additionally, this manual is intended to be a resource and not intended as legal advice on compliance with any applicable law or regulation in any particular instance.*



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### Signs Identifying Permanent Spaces (plaque signs):

Interior and exterior signs identifying rooms and spaces that are not likely to change over time are subject to ADA guidelines. Examples include but are not limited to signs labeling: **elevators, restrooms, floor numbers, room and floor numbers or letters, room names such as chapels, meeting rooms, smoking rooms, emergency exit stairwells, exit passageways and possible areas of temporary assistance (depending on the space and where the sign is located).**

These signs have specific requirements that must also be taken into consideration:

- **Raised Characters**

The text shall be raised 1/32 inch min. from surface. The characters shall be uppercase and be sans serif.

- **Height Above Finished Floor**

Tactile characters on signs shall be located 48 inches above the finished floor (measured from the baseline of the lowest tactile character) and 60 inches maximum above the finished floor or ground surface (measured from the baseline of the highest tactile character). See **fig 2.1 (page 2.17)**  
EXCEPTION: Tactile characters for elevator car controls shall not be required.

- **Location**

Where a tactile sign is provided at a door, the sign shall be located on the latch side of the door 3" away from the door frame. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right-hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (by 18 inches, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. See **fig 2.3 (page 2.17)**  
EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with automatic closers and without hold-open devices.

- **Character Height**

The character height measured vertically from the baseline of the character shall be 5/8 inches minimum and 2 inches maximum based on an uppercase letter "I". See **fig 2.2 (page 2.17)**

- **Stroke Thickness**

The stroke thickness of the uppercase letter "I" shall be 15% maximum height of the character. See **fig 2.2 (page 2.17)**

- **Finish and Contrast**

Characters shall be non-glare on a non-glare finish. The existing dark brown matte background is sufficient with white lettering.

- **Braille Position**

Grade 2 Braille shall be positioned below corresponding one-line or multi-lined text. Any braille used on a sign shall have a minimum of 3/8 inches space above and below braille. See **fig 2.2 (page 2.17)**

- **Symbols**

Symbols shall have a field height of 6 inches. Characters and braille shall not be located in field. See **fig.2.4 (page 2.17)** Tactile text descriptors are required for plaque signs with symbols. No smoking, occupant logos and accessible symbols are not required to have a text descriptor.



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**Area of Rescue Assistance**

These signs are primarily overhead signs and do not require tactile characters, but must be illuminated where exit signs are required to be illuminated.

If a wall/plaque sign is used however, it should be identified with the international symbol and the words "Area of Rescue Assistance" along with tactile characters and grade 2 braille.

Directions to the nearest accessible entrance must be posted at all non-accessible exterior building entrances, using the international access symbol.

**Directional Wall Signs**

The location of the text telephones in each terminal must be identified at each telephone bank, using the TDD symbol **fig. 2.4 (page 2.18)**. Directional signs indicating the location of the nearest public TDD shall be provided at all banks of public pay telephones not containing a public TDD. In addition, where signs provide direction to public pay telephones, they shall also provide direction to public TDDs. Directional signs shall include the international symbol of TDD.

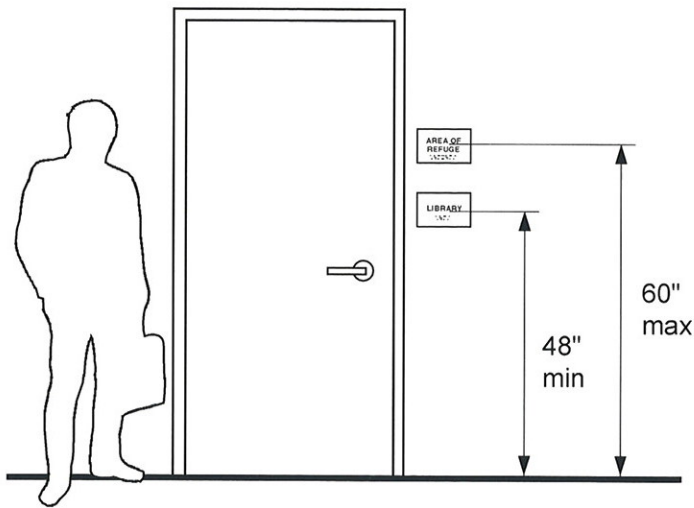


FIG.2.1

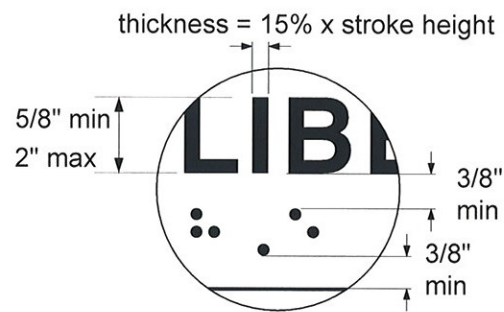


FIG.2.2

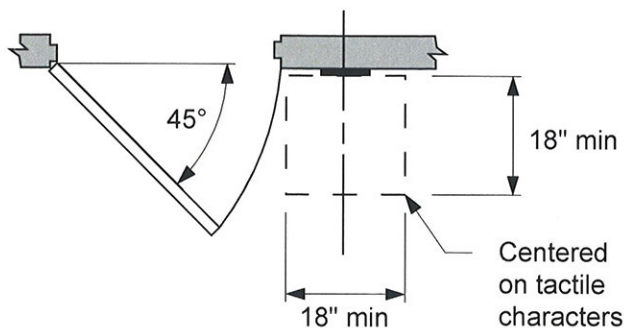


FIG.2.3



**International Symbol of TTY/TDD**

- Identifies location(s) of TDD/TTY (for the purpose of reduced confusion, TDD in lieu of TTY should be used on all signs throughout the airport. Used to reinforce directions to TDD at phone banks

FIG.2.4



**Assisted Listening Systems**

- Identifies assembly areas with Assisted Hearing Loss symbol

FIG.2.5



**Volume Control Telephones**

- Identifies location(s) with a volume control

FIG.2.6



**International Symbol of Accessibility**

- Identifies an accessible facility or function for mobility impaired persons
- Identifies accessible level change e.g, elevators
- Identifies accessible entrances into building or nearest accessible entrance
- Identifies accessible routes to parking, within and between terminals
- Identifies accessible reserved parking spaces, crosswalks and handicapped transportation stops along curbside



FIG.2.7



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## Overhead Wayfinding/Directional Signs

Directional and wayfinding signs typically refer to overhead signage leading passengers to a destination by using repetitive messages. The signs must display information in a clear, concise and consistent manner to a majority of passengers in the airport. The 1991 ADA guidelines were general in instructional requirements for overhead signs such as: whether suspended or projecting, all overhead signs must be mounted at least 80 inches from the ground to eliminate potential clearance hazards for visually impaired people. The "Proposed Rule" ADA guidelines have focused in on specific issues for legibility, such as cap heights and viewing distances. This manual shall use the 1991 federal ADA guidelines for the basis of overhead directional signs; however, where the "Proposed Rule" ADA guidelines have updated recommendations, this manual shall use and interpret the guidelines and recommend the type of situations where the new guidelines should be implemented.

The 1991 ADA guidelines required a 3" minimum cap height for interior overhead signs regardless of viewing distance. The new ADA guidelines have expanded the description for how to determine a cap height on overhead signage: **"viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign"**. The new cap height guidelines revolve around where a sign is located horizontally and vertically in relationship to where a passenger can stand and view the sign. The chart in **fig 3.1 (page 2.20)** indicates the viewing distances and corresponding cap heights for the point where further approach to the sign is obstructed.

The new visual cap heights address specific situations where cap heights should be enlarged on a sign face for improved visibility. However, it should be noted that the new guidelines also allow for the possibility of smaller cap heights, depending on the height of the sign.

**(This manual DOES NOT advocate the reduction of any caps heights on any signs in PSHIA.)**

**We define "viewing distance" as the distance from which one must make a wayfinding decision (which way to go) and/or obstruction preventing further approach to read the sign.**

Our interpretation for the definition of a relative "obstruction" for the purpose of determining PSHIA viewing distances has been subdivided into two classifications. The first type of obstruction includes: signs in, above or around items such as but not limited to; passenger seating areas, escalator core openings, architectural details such as low walls **fig. 3.2 - 3.5 (page 2.20-22)**, railings, vendor kiosks, baggage carousels and, in some cases, the physical height of the sign preventing a passenger's approach up to or below a sign face. The second "obstruction" is a forced decision point with no immediate signage in the general vicinity (roughly 30ft). When a passenger reaches a decision point where no directional sign is in the vicinity, a passenger's travel path is interrupted. If a passenger is "visually stretched" to read the surrounding signs to make a directional decision, this has become an "obstruction" along a destination route.

In these situations where signs are obstructed by one or both of the above classifications, an assessment of the individual sign situation must be made. There are two possible options for solving an "obstructed" sign which will satisfy the ADA "Proposed Rule". They are as follows:

**Option #1** - Place a new sign in the area of the obstruction to lead passengers around the element. This will allow for a nominal cap height on the sign and allow for a greater number of messages to be placed on the sign.

**Option #2** - Increase the text size to the appropriate cap height as determined by the distance to the sign from the obstruction as shown in the chart **Fig. 3.1 (page 2.20)**. This will eliminate the need to add a sign where one might not be applicable. It might, however, also reduce the amount of information on the sign, due to spatial requirements to fit larger text on the sign.



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**How To Determine When a Sign is Obstructed**

A simple method to determine when a sign cap height needs to be resized:

1. Review the height of the sign in question.
2. Review the information on the sign.
3. Determine where the information on the sign becomes useful. For example, does a passenger need to read the sign after passing directly beneath the sign preceding it? Is it at the end of a corridor, where upon closer approach space, is sufficient to make a wayfinding decision?
4. There location where a passenger needs to read sign information to make an informed decision, is where one should start a calculation based on the distance between the sign and the passenger to determine the correct cap height. See **fig. 3.2 - 3.5 (page 2.21/22)**

**Visual Character Height**

Height to Finished Floor or Ground From Baseline of Character	Horizontal Viewing Distance	Minimum Character Height
40 inches (1015 mm) to less than or equal to 70 inches (1780 mm)	less than 72 inches (1830 mm)	5/8 inch (16 mm)
	72 inches (1830 mm) and greater	5/8 inch (16 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 72 inches (1830 mm)
Greater than 70 inches (1780 mm) to less than or equal to 120 inches (3050 mm)	less than 180 inches (4570 mm)	2 inches (51 mm)
	180 inches (4570 mm) and greater	2 inches (51 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 180 inches (4570 mm)
greater than 120 inches (3050 mm)	less than 21 feet (6400 mm)	3 inches (75 mm)
	21 feet (6400 mm) and greater	3 inches (75 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 21 feet (6400 mm)

**ALL PSHIA overhead directional sign characters shall be no less than 3" in cap height, as mandated by the Federally Enacted 1991 ADA Guidelines**

**FIG.3.1**



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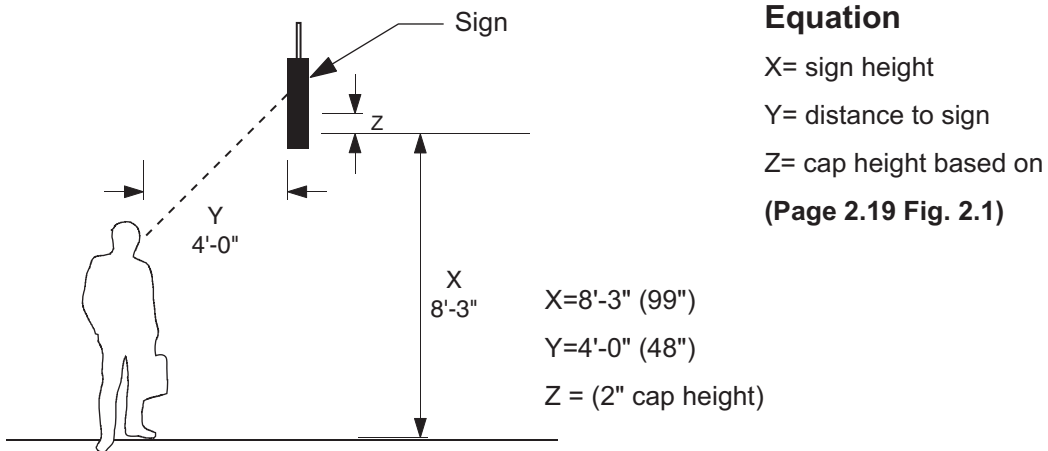


FIG.3.2 Example #1 of sign location cap height

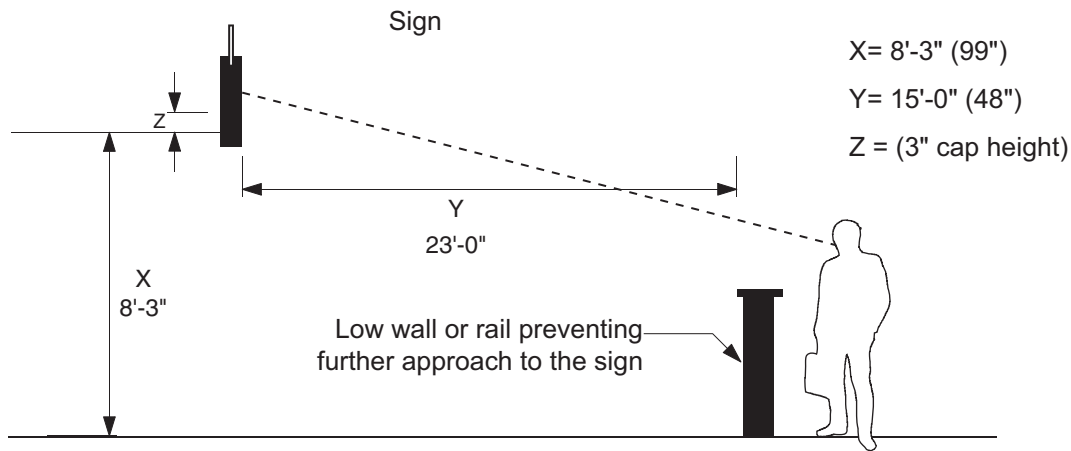
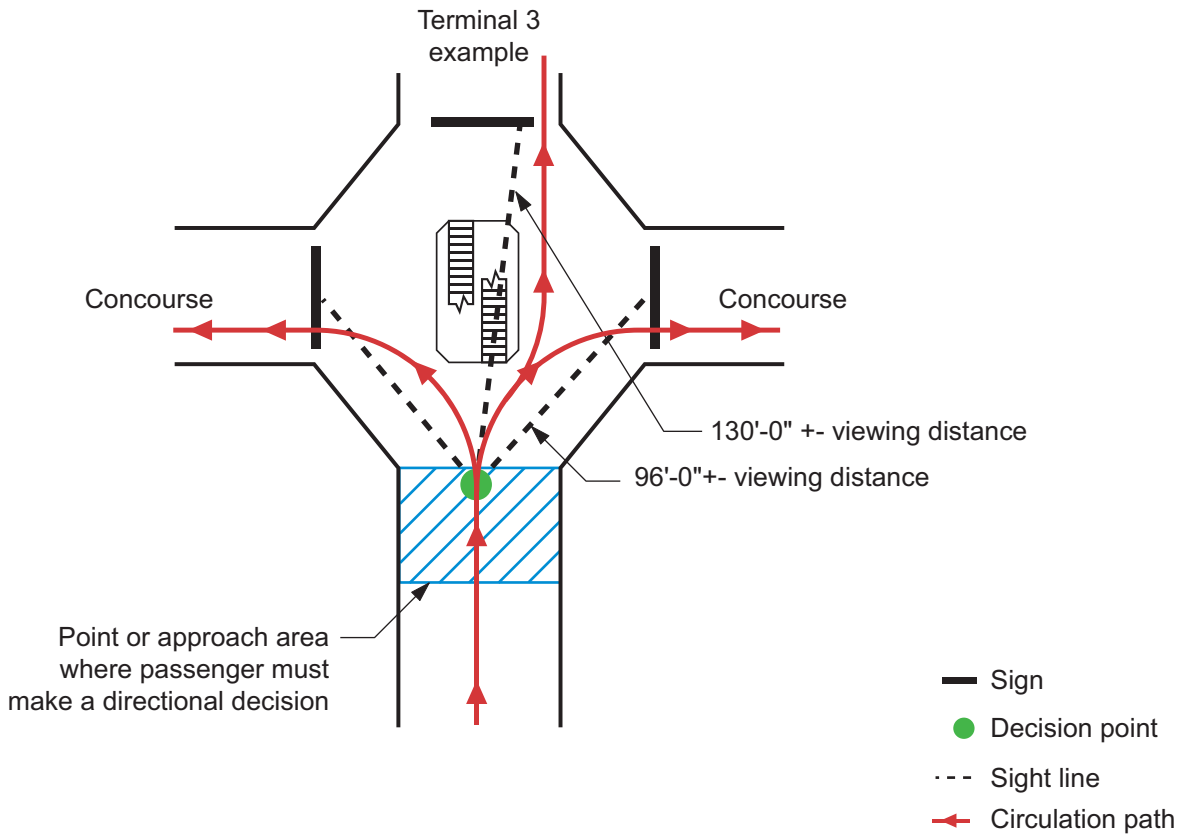
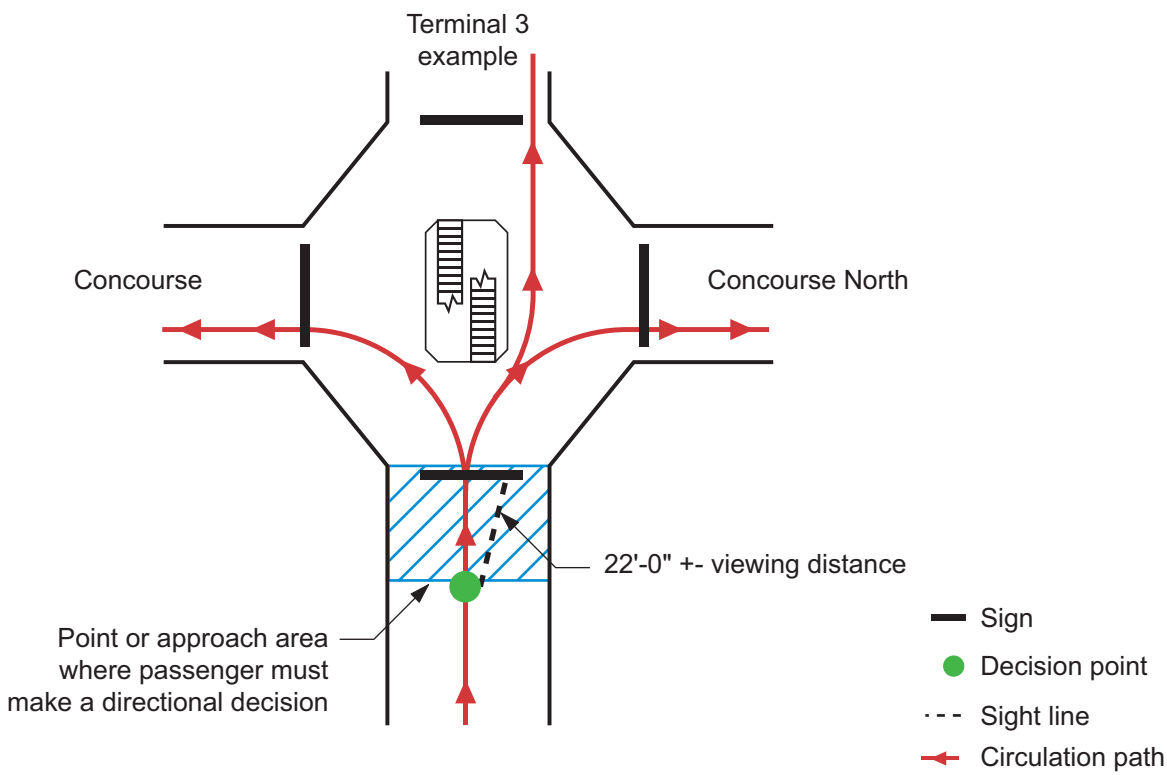


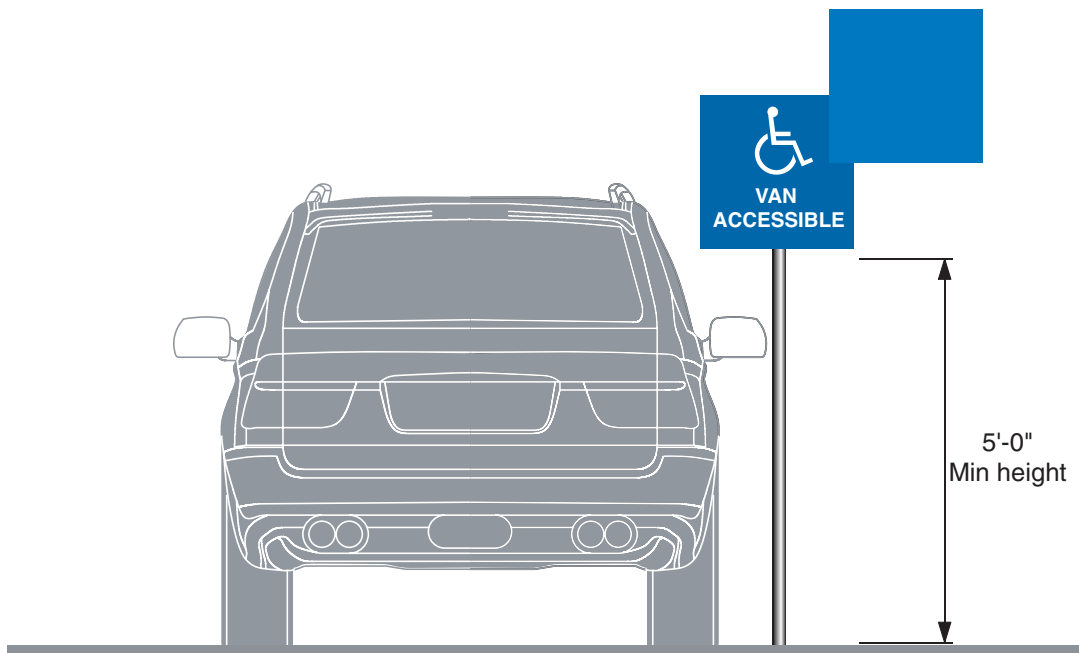
FIG.3.3 Example #2 of sign location cap height



**FIG.3.4** Passenger is "visually stretched" to read sign to make directional decision  
 Passenger has to stop and look around 96 - 130 plus feet to read signs to make decision



**FIG.3.5** Passenger is presented with immediate directional decisions,  
 and does not have to stop and look around 130 plus feet to read signs to make decision



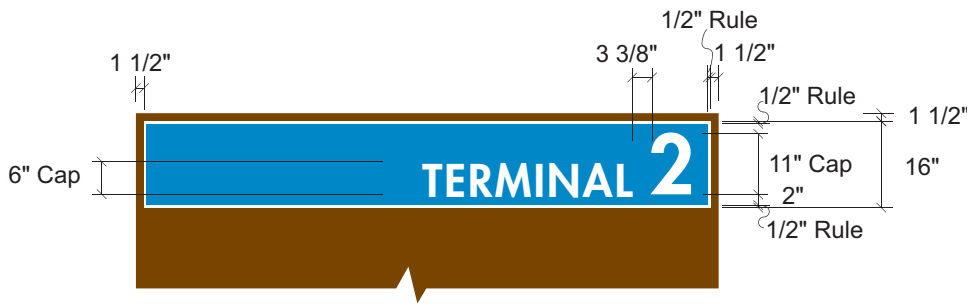
Parking space identification signs shall include the International Symbol of Accessibility. Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60 inches minimum above the finished floor or ground surface, measured to the bottom of the sign.



City of Phoenix

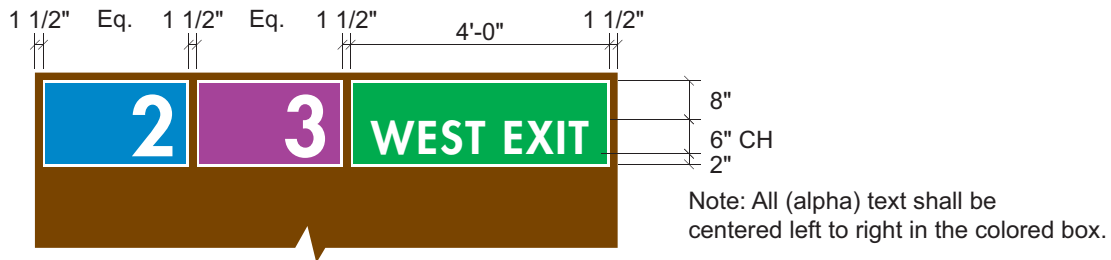
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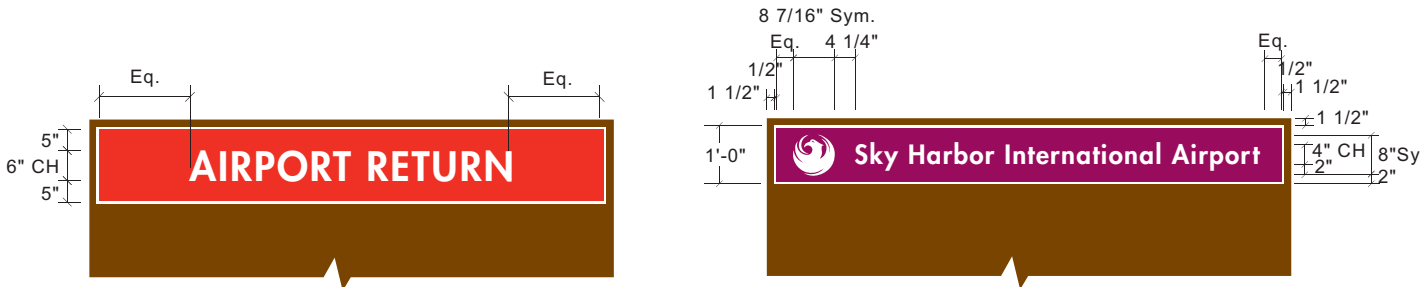
**POST and PANEL Single Color Band Spacing**

**FIG.3.6** Note: Sign panels may vary in height, color and width; however, dimensions noted above shall remain consistent on each sign.



**POST and PANEL Multiple Color Band Spacing**

**FIG.3.7** Note: Sign panels may vary in height, color and width; however, dimensions noted above shall remain consistent on each sign. (See fig 3.6 for additional measurements.) Sign faces with only two color bands shall be spaced 1 1/2" apart and be offset 1 1/2" from the top, left and right edges of the sign. The bands shall be equal in length



**POST and PANEL**

**FIG.3.8** Note: All (alpha) text shall be centered left to right in the colored boxes. (See fig 3.6 for additional measurements)

**POST and PANEL Logo**

**FIG.3.9** (See fig 3.6 for additional measurements)

The top color band on roadway signs shall be used to indicate the primary location information on post and panel and overhead roadway signs. The sign background colors shall relate to the message color code identity. (see page 2.13 for colors). When replacing signs on a go forward basis, the standard color to be used shall be chocolate brown. Additional Peanut Butter Brown and Gray (south cargo should be verified prior to use by PSHIA representative).

The secondary information located below the band shall be supplemental directional information and shall relate to the above color band. Multiple directional arrows shall be allowed on a sign face where one color band exists. Where multiple color bands (fig. 3.7) are used on one sign face to indicate



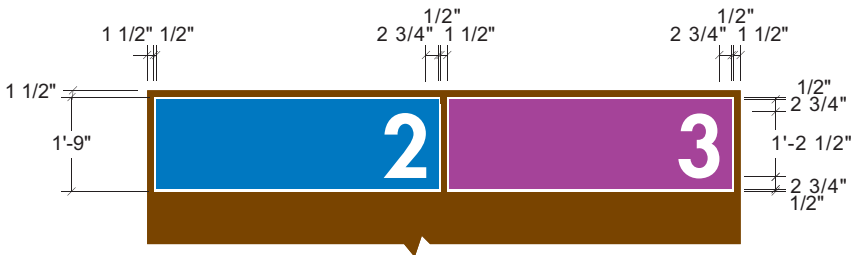
City of Phoenix

**Phoenix Sky Harbor International Airport**



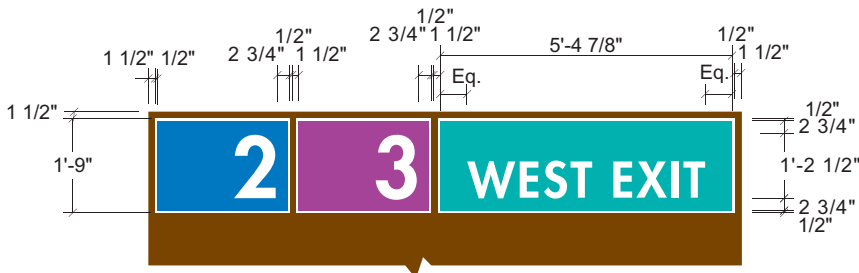
**OVERHEAD SIGN Single Color Band Spacing (11' sign width)**

**FIG.3.10** Note: Sign panels may vary in height, color and width; however, dimensions noted above shall remain consistent on each sign for spacing on brown panels and cap heights.



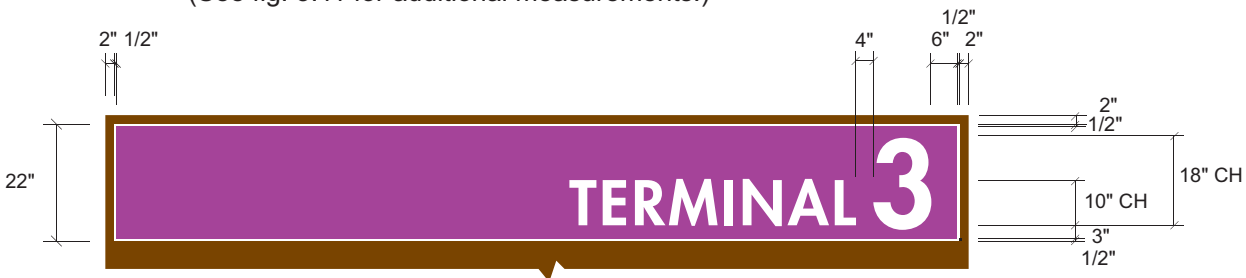
**OVERHEAD SIGN Double Color Bands Spacing (11' sign width)**

**FIG.3.11** Note: Sign panels may vary in height, color and width; however, dimensions noted above shall remain consistent on each sign for spacing on brown panels and cap heights.



**OVERHEAD SIGN Three Color Bands Spacing (11' sign width)**

**FIG.3.12** Note: Sign panels may vary in height, color and width; however, dimensions noted above shall remain consistent on each sign for spacing on brown panels and cap heights. (See fig. 3.11 for additional measurements.)



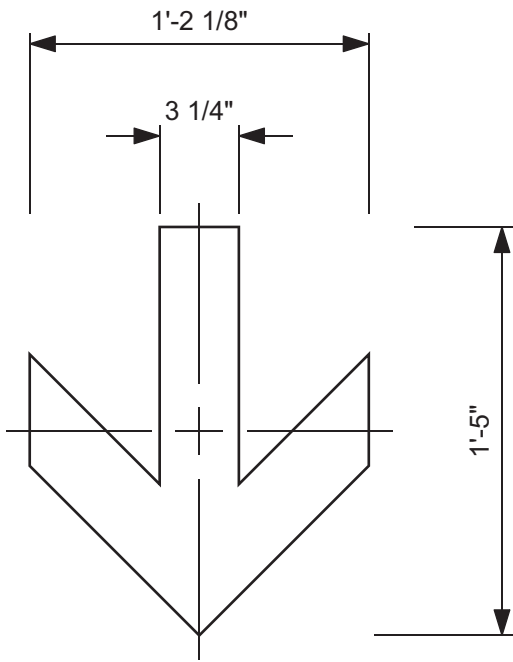
**OVERHEAD SIGN Three Color Bands Spacing (16' & 18' sign width)**

**FIG.3.13** Note: Sign panels may vary in height, color and width; however, dimensions noted above shall remain consistent on each sign for spacing on brown panels and cap heights.



City of Phoenix

Phoenix Sky Harbor International Airport



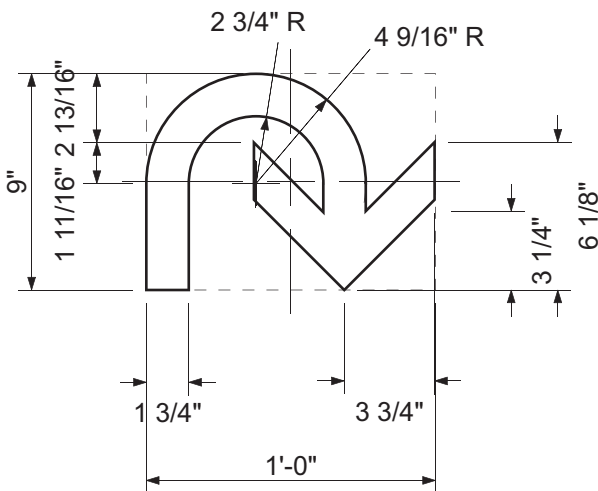
**Overhead Sign Arrow**

**FIG. 3.14** (See page 2.1 for standard arrow styles and sizes.)



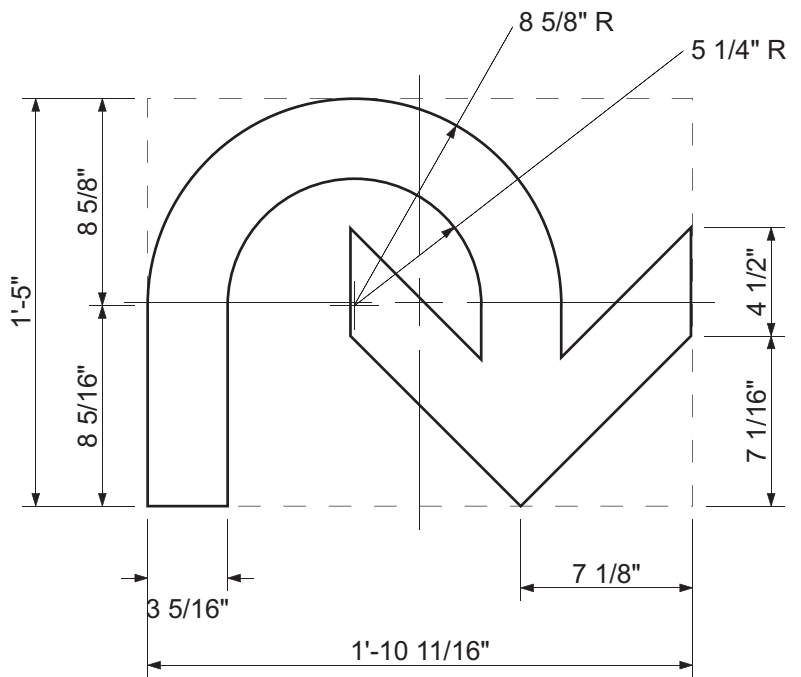
**Direction Specific Graphic Area**

**FIG. 3.15** 17" height x varying length, width determined by measuring 6 7/8" in from both edges of sign face. Vertical height measured up 6 7/8" from bottom edge of sign face. Straight ahead arrows shall be centered in the graphic area, flush right and flush left arrows shall be determined by message use. Arrows shall not be permitted to point straight up on any overhead roadway signs.



**Post and Panel Arrow**

**FIG. 3.16** (See page 2.1 for standard arrow styles and sizes.) Dashed line shown to indicate the outer dimensions of sign; DO NOT use as graphic.



**Post and Panel Arrow**

**FIG. 3.17** (See page 2.1 for standard arrow styles and sizes.) Dashed line shown to indicate the outer dimensions of sign; DO NOT use as graphic.



City of Phoenix

**Phoenix Sky Harbor International Airport**

**Futura Bk (book)**

---

abcdefghijklmnopqrstuvwxyz  
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
1234567890

**Futura Bk** shall be used for direction specific messages, ex. "Left Lane". This stroke width will differentiate the directional messages from the "direction specific" messages

**Futura Hvy (Heavy)**

---

abcdefghijklmnopqrstuvwxyz  
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
1234567890

**Futura Hvy** shall be used on all roadway sign for directional messaging with the exception of "direction specific messages" (see above).



City of Phoenix

Phoenix  
Sky Harbor  
International  
Airport

Additional Information to be provided  
BY PSHIA



City of Phoenix

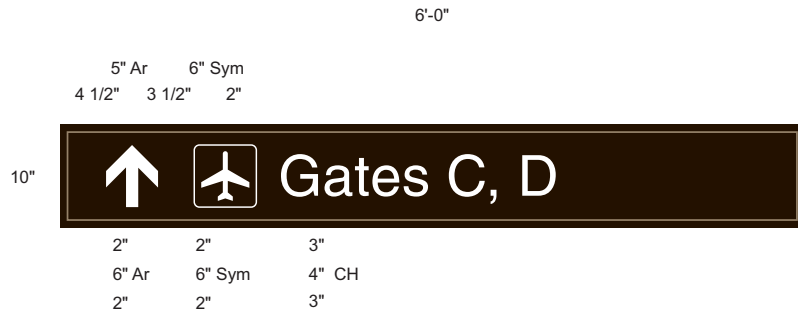
Phoenix  
Sky Harbor  
International  
Airport

# Terminals 2, 3 & 4 Sign Standards

**(Messages are for layout purposes ONLY  
and do not reflect the final sign message)**

Overhead Directional Sign

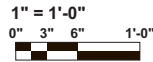
3.1



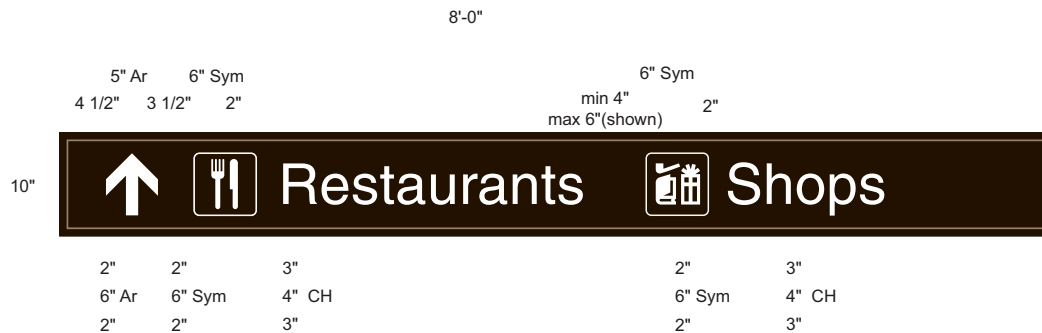
**Description:**  
(Terminal 2 ONLY)  
**1 line, 1 message sign face**  
Used in terminal & concourse to provide a single direction. The message group will line up behind one directional arrow.

**Panel:** 10" ht x 6'-0" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes

Sign Type 101



Overhead Directional Sign



**Description:**  
(Terminal 2 ONLY)  
**1 line, 2 message sign face**  
Used in terminal & concourse to provide single direction with two messages. The spacing between the messages shall be measured from the last character of the preceding message to the symbol of the following message group. The distance between the message groups shall be 4" to 6" dependent on the panel length. The message group will line up behind one directional arrow.

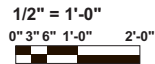
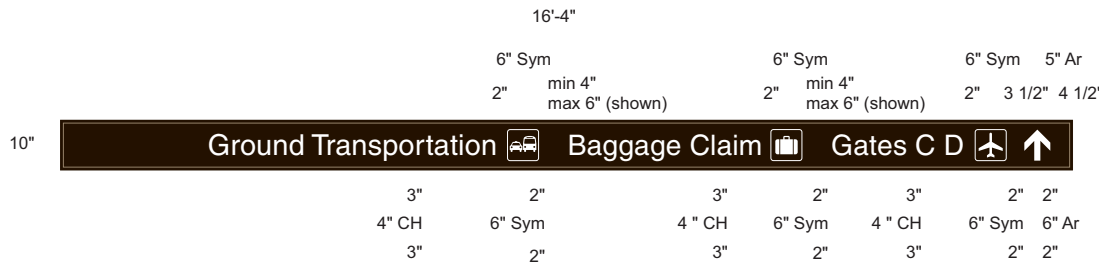
**Panel:**  
10" ht x 8'-0" x 3/16" white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes

Sign Type 102



**Overhead Directional Sign** **3.2**

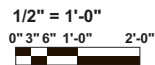
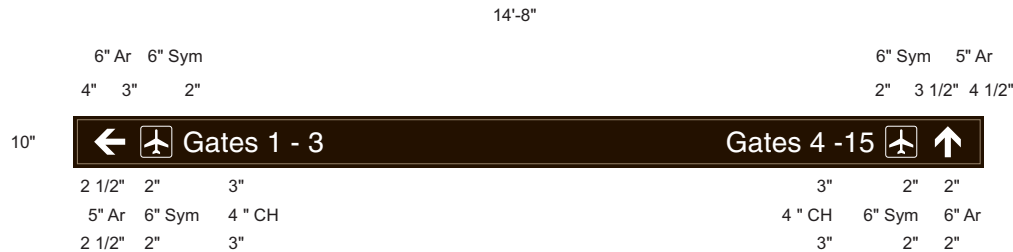
**Description:**  
**(Terminal 2 ONLY)**  
**1 line, 2 or 3 message sign face**  
 Used in terminal & concourse to provide a single direction with two or three messages. The spacing between the messages shall be measured from the last character of the preceding message to the symbol of the following message group. The distance between the message groups shall be 4" to 6" dependent on the panel length. The message group will line up behind one directional arrow.  
**Panel:** 10" ht x varying length x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes



**Sign Type 103**

**Overhead Directional Sign**

**Description:**  
**(Terminal 2 ONLY)**  
**1 line, 2 message directions sign face**  
 Used in terminal & concourse to provide two directions. The messages are grouped on the left and right side of the sign to help guide pedestrian flow beneath the sign. The message group will line up behind one directional arrow.  
**Panel:** 10" ht x varying length x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes



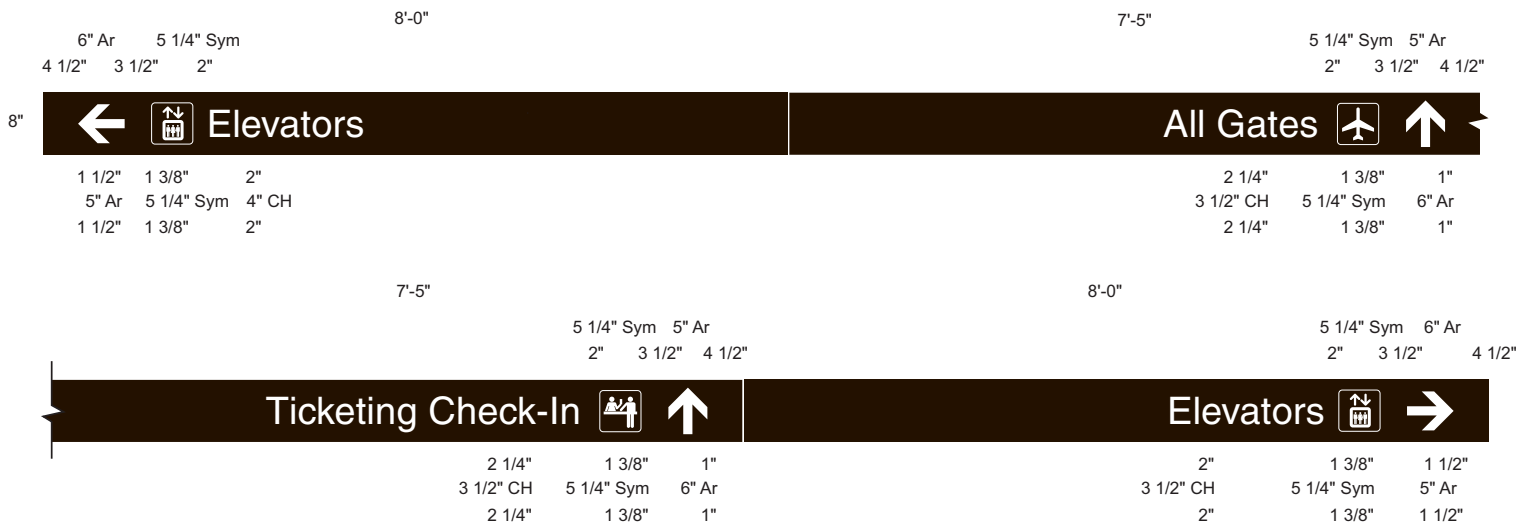
**Sign Type 104**



Overhead Directional Sign 3.3

**Description:**  
**1 line, multiple panel & message direction sign faces**  
 Used in terminals and concourse to provide multiple directions on separate panels. Individual messages should be placed on individual panels when available. The message group will line up behind one directional arrow.

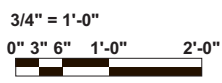
**Panel:** 8" ht x varying lengths x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes



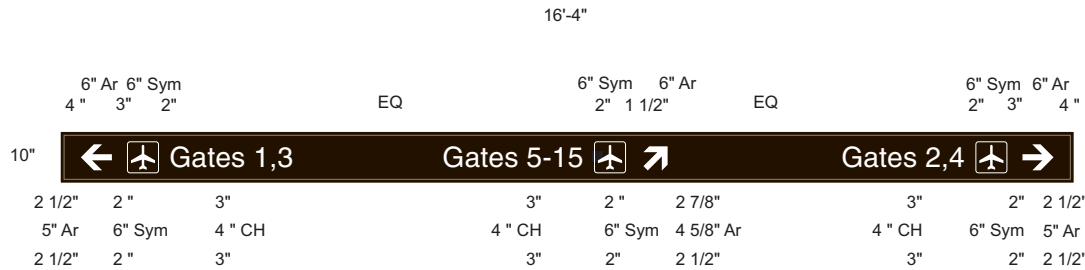
Sign face layout example



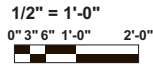
Sign Type 105



**Overhead Directional Sign** **3.4**

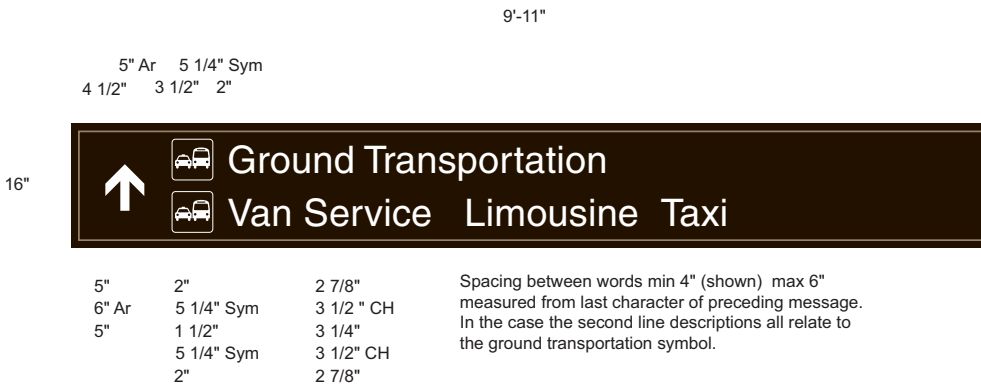


**Description:**  
**1 line, 3 message sign face**  
 Used in terminal & concourse to provide multiple directions with 1-3 separate messages on single panel sign face. The typical spacing for the middle message grouping shall be centered to the left and right in the sign face. The message groupings will line up behind each directional arrow.  
**Panel:** 10" ht x varying length x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes

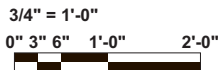


Sign Type 106

**Overhead Directional Sign**



**Description:**  
**(Terminal 2 Only)**  
**2 line, multiple message sign face**  
 Used in terminal and concourses to provide one direction with multiple messages at exit doors. Multi-line messages shall be allowed where vertical spacing on panel is limited. Messages located on the same line must relate to the symbol used in the primary symbol location. The message groupings will line up behind each directional arrow.  
**Panel:** 16" ht x 9'-11" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes



Sign Type 107

Sign face T2-1001  
 Note: existing sign slate panels. When face change occurs the slats should be removed and replaced with a signal panel.

Overhead Directional Sign

3.5

**Description:**

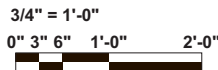
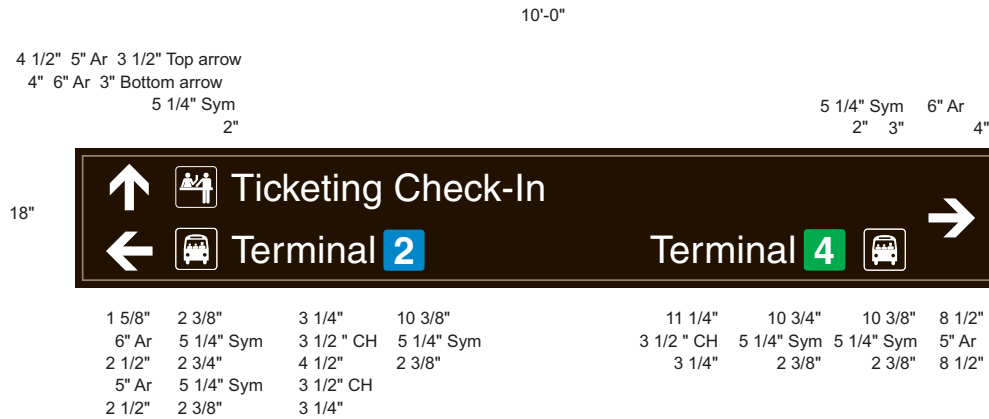
**2 line, 1-4 message sign face**

Used in terminal & concourse to provide one to four directional messages on one panel. Each message group indicating separate directions will each have a corresponding arrow on the same line. Where one line of messaging appears with no other directions the arrow shall be located in the typical position. (see page 2.2) Message groups will line up behind one directional arrow. See page 2.5 for terminal symbol size and spacing requirements.

**Panel:** 18" ht x 10'-0" x 3/16" thk. white translucent polycarbonate

**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Illumination:** Yes



Sign Type 108

Overhead Directional Sign

**Description:**

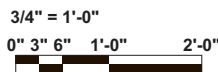
**2 line, multiple message sign face**

Used in terminal & concourse to provide two directions with multiple messages on one panel. (two separate directions only) Messages can be grouped on one side or the other as they relate to the directional arrows. (see page 2.2) Spacing between messages shall be measured from the last character of the preceding message to the symbol of the following message group. The distance between the message groups shall be 4" to 6" dependent on the panel length. The message groups will line up behind one directional arrow.

**Panel:** 18" ht x 13'-10" - 14'-0" x 3/16" thk. white translucent polycarbonate

**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Illumination:** Yes



Sign Type 109



Phoenix Sky Harbor International Airport

Overhead Directional Sign

3.6

**Description:**

**3 line, 3 message sign face**

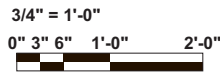
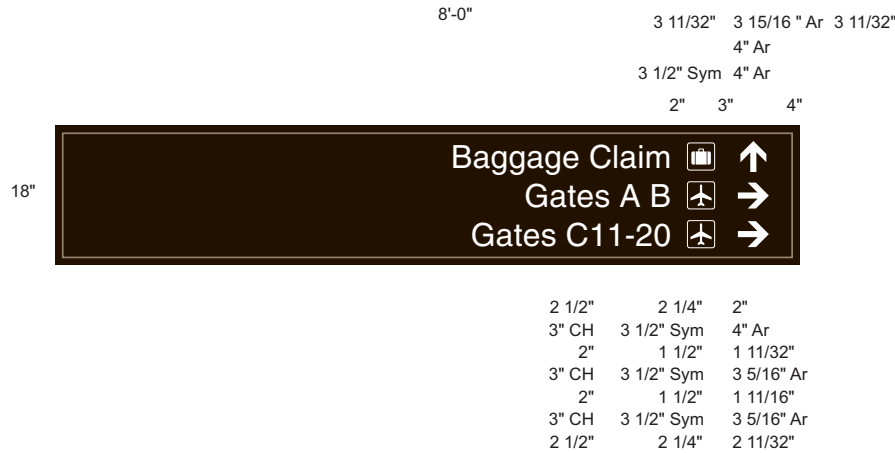
Used in terminal & concourse to provide three separate directional messages on one panel. Each message group will have a corresponding arrow on the same line, due to spatial requirements on the sign face.

Where no less than three primary message directions are necessary on one sign panel, the cap heights shall be no smaller than 3" in height and the symbols no smaller than 3 1/2" x 3 1/2". Each message group will line up behind one directional arrow.

**Panel:** 18" ht x 8'-0" or varying length x 3/16" thk. white translucent polycarbonate

**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

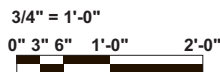
**Illumination:** Yes



Sign Type 110

Sign Deleted from Manual

Sign Deleted from Manual

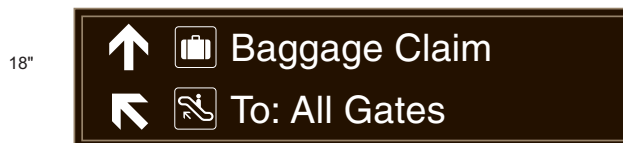


Sign Type 111

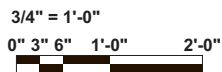
Overhead Directional Sign

3.7

6'-1"  
 4 1/2" 5" Ar 3 1/2" Top arrow  
 4 7/8" 4 11/16" Ar 3 7/16" Bottom arrow  
 5 1/4" Sym  
 2"



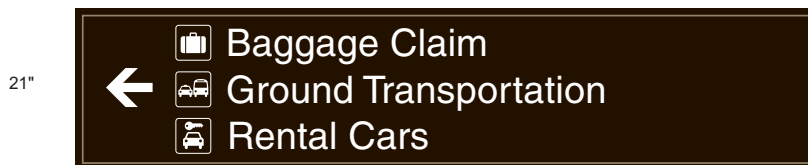
2" 2 3/8" 3 1/4"  
 6" Ar 5 1/4" Sym 3 1/2" CH  
 3 3/4" 2 3/4" 4 1/2"  
 4 11/16" Ar 5 1/4" Sym 3 1/2" CH  
 2 5/16" 2 3/8" 3 1/4"



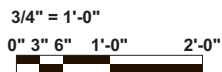
Sign Type 112

Overhead Directional Sign

8'-0"  
 6" Ar 4 1/2" Sym  
 4" 3" 2"



8" 2 1/4" 2 3/4"  
 5" Ar 4 1/2" Sym 3 1/2" CH  
 8" 1 1/2" 2 1/2"  
 4 1/2" Sym 3 1/2" CH  
 1 1/2" 2 1/2"  
 4 1/2" Sym 3 1/2" CH  
 2 1/4" 2 3/4"



Sign Type 113

Description:

**2 line, 1-2 message with directional text sign face**

Used in terminal & concourse to provide one or more directional messages on a short panel. ( see sign type 108 for one line spacing) Each message group indicating separate directions will have a corresponding arrow on the same line. When messages indicate a text direction "To:", the symbol for the action to be used to arrive at the destination message shall be placed in the primary symbol location. (see page 2.6) The message groups will line up behind directional arrows.

**Panel:** 18" ht x varying length x 3/16" thk. white translucent polycarbonate

**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Illumination:** Yes

Description:

**3 line, 1 message direction sign face**

Used in terminal and concourse to provide one direction with multiple messages. (see sign type 110 for multi directional arrow spacing)

The message grouping all relates to the symbol shown. The symbols & messages will line up behind one directional arrow.

**Panel:**

21" ht x 8'-0" or varying length x 3/16" thk. translucent polycarbonate

**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Illumination:** Yes

Overhead Directional Sign

3.8

Description:

**2 line, 1-4 messages sign face**  
 Used in terminal & concourse to provide one or more directional messages on one to three separate panels. Each message group indicating separate directions will have a corresponding arrow on the same line. Where one or two lines of messaging appears with a single direction, the arrow shall be centered vertically. (see page 2.2) Each message group will line up behind one directional arrow.

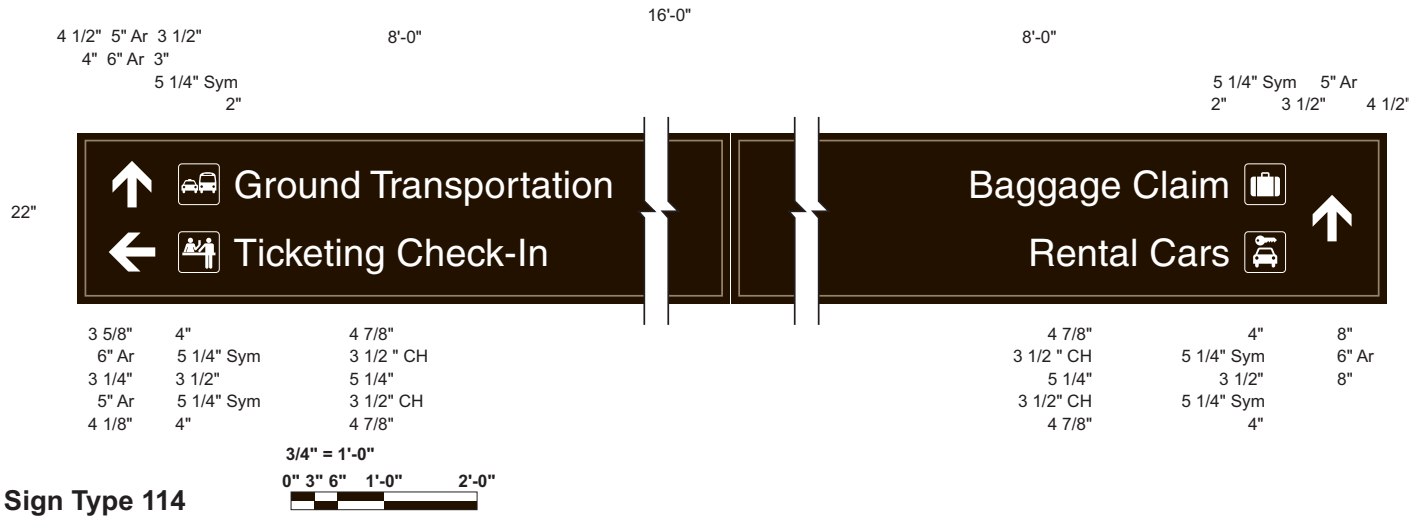
**Panel:** 22" ht x varying length x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color#1. (see page 2.13)  
**Illumination:** Yes

Overhead Directional Info Sign

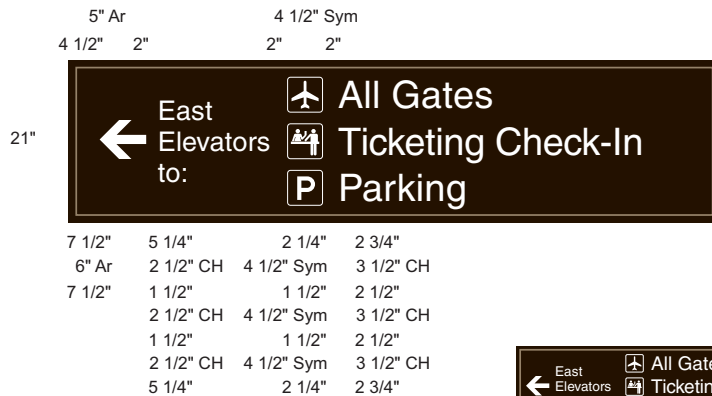
Description:

**3 line, 1 message function with multiple primary messages sign face**  
 Used in terminal & concourse to provide two or more primary directional messages via the functional directional message. The messages, symbol use & spacing are typical on a 21" high sign; however, the horizontal spacing has been altered to allow for the placement of directional information. Note: no symbol is used with the functional information due to spatial limitations. (See page 2.6).

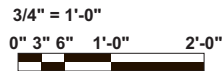
**Panel:** 21" ht x varying length x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes



Sign Type 114



Sign Type 115



**Overhead Non-directional Information Sign**

3.9

**Description:**

**3 line, Non-directional, Information sign face**

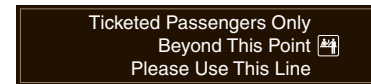
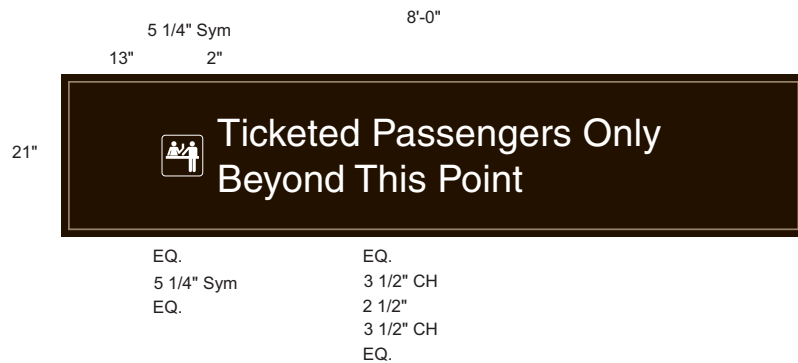
Used in terminal & concourse to provide information only. No directional arrows shall be used on this sign. The sign shall allow for 3 lines of text and the spacing between the symbol and the cabinet frame must remain 13 inches. All text shall be justified towards the symbol. The symbol may be placed on either side of the sign face according to the dimensions. The spacing for the symbol and text remains typical where the arrow has been removed. Each letter beginning a word shall be capitalized.

**Panel:**

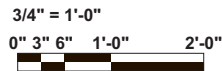
21" ht x varying length x 3/16" thk. white translucent polycarbonate

**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Illumination:** Yes



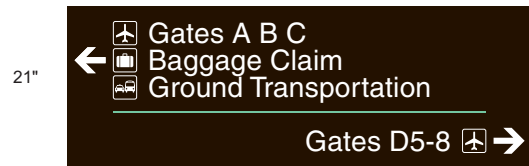
3 line example



Overhead Directional Gate Sign 3.10

Sign #1

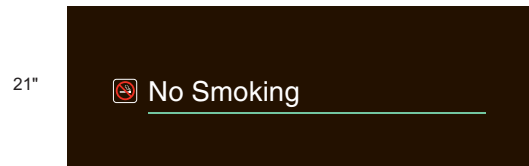
5'-0"  
6" 4'-0" Rule 6"  
4" Ar 3" Sym  
2" 2" 1 1/2"



7" to C	2"	2 1/4"	13 1/2"	13 1/2"	17 3/8" to C
3 5/16" Ar	3" Sym	2 1/2" CH	1/4"Rule	1/4"Rule	3 5/16" Ar C
10 3/8" to C	1/2"	1"	2 3/8"	2 1/8"	3 5/8" to C
3 5/16" Ar	3" Sym	2 1/2" CH	2 1/2" CH	3" Sym	
3 5/8" to C	1/2"	1"	2 3/8"	2 1/8"	
	3" Sym	2 1/2" CH			
	1 1/2"	1 3/4"			
	1/4"Rule	1/4"Rule			
	7 1/4"	7 1/4"			

Sign #3

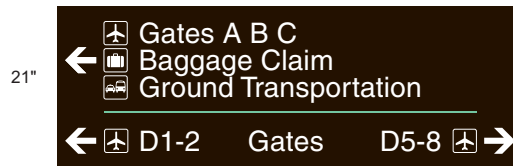
10 1/2" 3'-7 1/2" Rule 6"  
3" Sym  
6" 1 1/2"



9 1/2"	9 3/4" CH
3" Sym	2 1/2" CH
8 1/2"	1 1/2"
	1/4"Rule
	1"
	2" CH
	4"

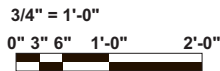
Sign #2

5'-0"  
6" 4'-0" Rule 6"  
4" Ar 3" Sym  
2" 2" 1 1/2"

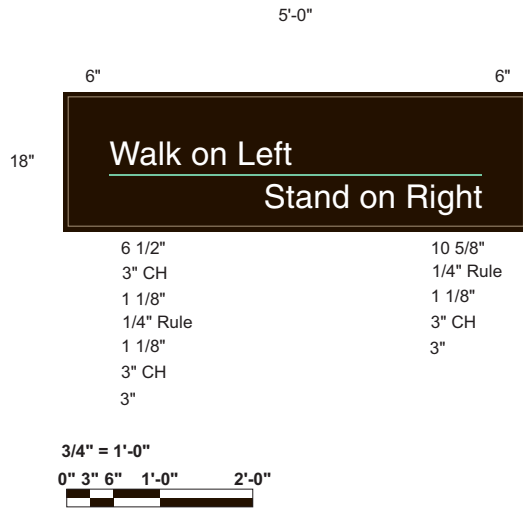


7" to C	2"	13 1/2"	2 1/4"	13 1/2"	13 1/2"	17 3/8" to C
3 5/16" Ar	3" Sym	1/4"Rule	2 1/2" CH	1/4"Rule	1/4"Rule	3 5/16" Ar C
10 3/8" to C	1/2"	2 3/8"	1"	2 3/8"	2 1/8"	3 5/8" to C
3 5/16" Ar	3" Sym	2 1/2" CH	2 1/2" CH	2 1/2" CH	3" Sym	
3 5/8" to C	1/2"	2 3/8"	1"	2 3/8"	2 1/8"	
	3" Sym		2 1/2" CH			
	1 1/2"		1 3/4"			
	1/4"Rule		1/4"Rule			
	2 1/8"		2 3/8"			
	3" Sym		2 1/2" CH			
	2 1/8"		2 3/8"			

**Description:**  
**4 line, 2- 3 message directions sign face**  
Used in concourse in gate area to provide multiple directions on a one panel sign face. All signs shall indicate concourses without gate numbers, to maximize space and visual clutter. If gate numbers are needed in the future, they may be indicated as shown on page 2.9. The previous use of this sign type places the graphic rule on the top and the bottom of the sign depending on which concourse they are located in. This new standard advises using the rule along the bottom to emphasize the immediate gates and keeps the terminal information grouped together with one directional arrow.  
**Sign #1:** indicates remaining gates to either the left or right. The directional information shall always face the arriving passengers. The top three lines of messages shall remain consistent.  
**Sign #2:** where opposing directions occur, the term "Gates" shall be centered with the gate numbers aligned to the left and right with the symbols.  
**Sign #3:** is the front side of signs #1 and #2. The "No Smoking" side shall always face toward the center of the corridor. This side can also be used for directional messages. The "no smoking" graphics appear in concourses A- A1,B- B1. In concourse C and D, however, the sign face facing the corridor displays directional information instead.  
**Panel:** 21" ht x 5'-0" x .090" thk. aluminum face painted opaque matte, dark bronze with full surface coverage to match color #1. (see page 2.13)  
**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. Opaque teal, die cut vinyl Rule applied to first surface, color to match color #5 (see page 2.13)  
**Illumination:** No







Sign Type 118

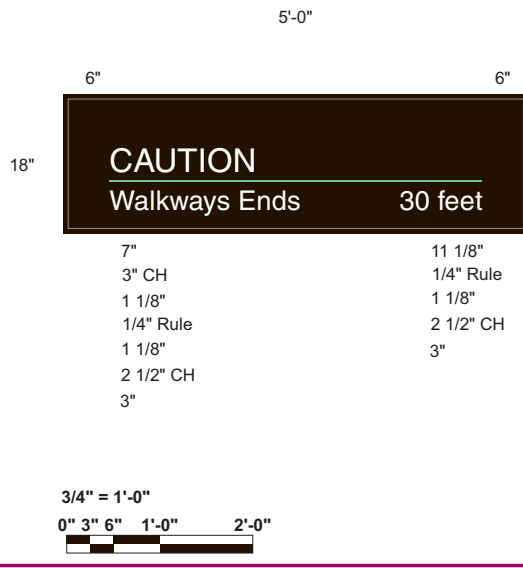
**Susp. Moving Walk Entry Sign** 3.11

**Description:**  
**2 line non-directional sign face**  
 Double sided sign used above moving walkways.  
 The sign shall be located within the first ten feet of the entrance point, above the moving walkway. The back side of the panel is blank.

**Panel:** 18" ht x 5'-0" x .090" thk. aluminum face painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. Opaque teal, die cut vinyl Rule applied to first surface, color to match color #5 (see page 2.13)

**Illumination:** No



Sign Type 119

**Susp. Moving Walk Exit Sign**

**Description:**  
**2 line non-directional sign face**  
 Double sided sign used above moving walkways.  
 The sign shall be located thirty feet from the exit point above the moving walkway. The back side of the panel is blank.

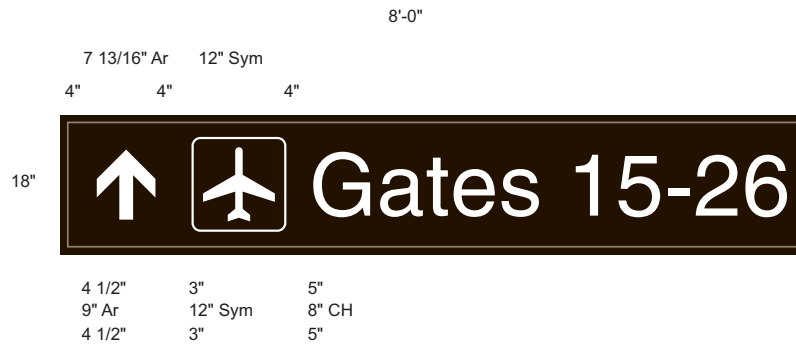
**Panel:** 18" ht x 5'-0" x .090" .090" thk. aluminum face painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. Opaque teal, die cut vinyl Rule applied to first surface, color to match color #5 (see page 2.13)

**Illumination:** No

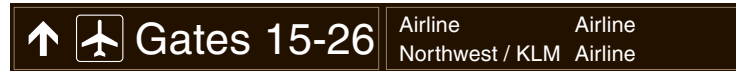
T3 North Conc. Gates Sign

3.12

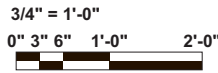


Sign Type 120

Sign Type 121



Typical sign layout



Sign Type 120

T3 North Concourse Airline ID Signs

**Description:**  
**2 line, 4 Airline Identity slats sign face (Terminal 3 Only)**

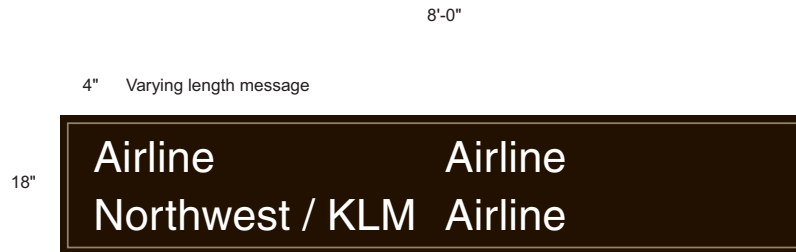
Used at the entrances to north and south concourses to provide airline information on removable slats.

**Panel:** 18 ht x 8'-0" w aluminum painted opaque matte, dark bronze with full first surface coverage to match color #1

**Slat:** T.B.D. V.I.F. \_\_\_" ht x \_\_\_" 3/16" white translucent polycarbonate

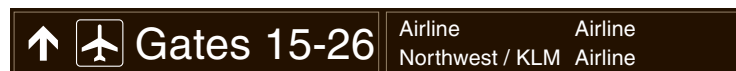
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Illumination:** Yes

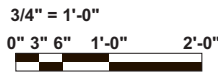


Sign Type 120

Sign Type 121

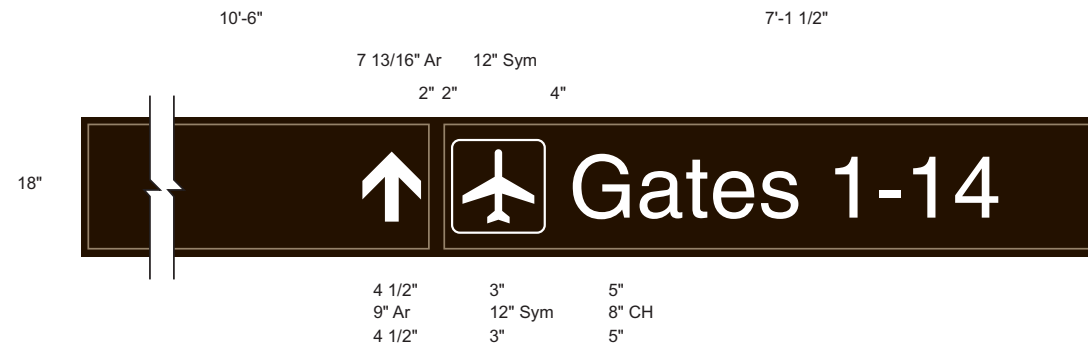


Typical sign layout



Sign Type 121

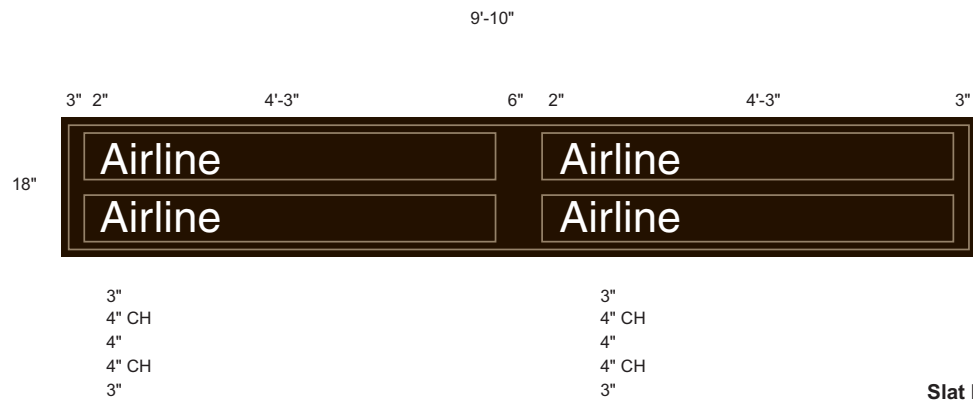
**T3 South Conc. Gates Sign** 3.13



**Description:**  
**1 line, 1 message sign face (Terminal 3 Only)**  
 Used at the entrance to south concourse to provide gate number direction and information. This sign manual advocates the removal of changeable gate panels, replaced with typical polycarbonate panels and backlit permanent graphics to create visual continuity in signage. Due to panel length, the arrow shall be placed on the adjacent panel. The spacing between the arrow and the symbol shall remain the same.  
**Panel:** 18" ht x 7'-1 1/2" w x 3/16" white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes



Sign Type 122

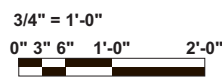


**T3 South Concourse Airline ID Signs**

**Description:**  
**2 line, 4 Airline Identity slats sign face (Terminal 3 Only)**  
 Used at the entrances to north and south concourses to provide airline information on removable slats.  
**Panel:** 18 ht x 9'-10" w painted opaque matte, dark bronze with to match color #1.  
**Slat:** 6" ht x 4'-5" 3/16" white translucent polycarbonate painted to match color #1 (see page 2.13)  
**Message:** masked stencil lettering  
**Illumination:** Yes



Sign Type 123



T3 Directional Sign Bands 3.14

**Description:**  
**1 line, Airline Identity sign face (Terminal 3 Only)**  
 Used in the terminals on existing bands as alternative directional sign. Primary and secondary messages shall be permitted on oversize bands (tertiary messages SHALL NOT be allowed on oversized banding). If the message in its original content does not fit on the band, the typical sizing shall be used (see sign types 108 thru 110 depending on message)

**Existing Panel:** 18" ht x varying length x .090" thk. Dark brown stencil alum. panel painted to match color #1 (See page 2.13)

**Message:** translucent white acrylic  
**New Panel & Message:** Replace stencil cut alum. panel with framed-in translucent white acrylic. Acrylic panel to be covered with stencil cut Dark Brown color #1 Stencil cut 3M vinyl. See page 2.13 for color #1

**Alternate New Panel & Message:** Replace stencil cut alum. with .090 alum. panel painted to match color #1. Opaque white vinyl graphics (color #2) applied to first surface

**Illumination:** Yes (existing)



T3 Facilities ID Sign Bands

3.15

**Description:**

**1 line, Public Facilities Identity sign face (Terminal 3 Only Non-directional messages)**

Used in the terminals and concourses on existing bands above facilities to identify locations / entrances to Restrooms, Shops, Telephones, Restaurants, ATMs, Information Kiosks, Water Fountains. All colored symbols have been removed from the sign program. Where possible, graphics should be centered over relating facility. Otherwise, use dimensions shown.

**Existing Panel:** 18" ht x length x .090" thk.

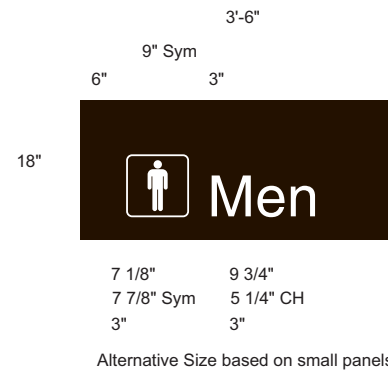
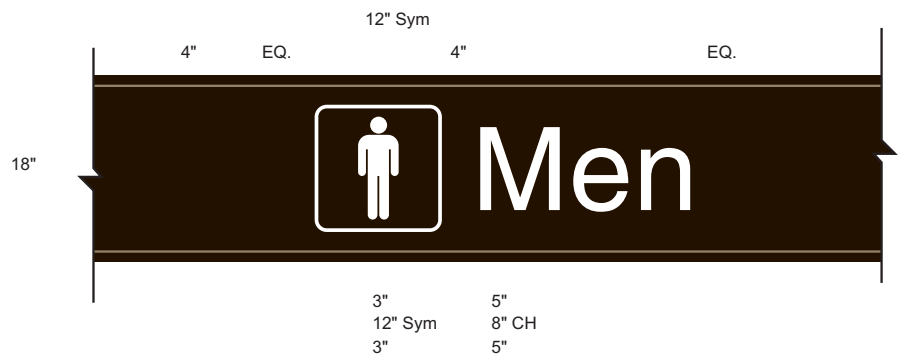
Dark brown stencil alum. panel painted to match color #1 (See page 2.13)

**Message:** translucent white acrylic

**New Panel & Message:** Replace stencil cut alum. panel with framed-in translucent white acrylic. Acrylic panel to be covered with stencil cut Dark Brown color #1 Stencil cut 3M vinyl. See page 2.13 for color #1

**Alternate New Panel & Message:** Replace stencil cut alum. with .090 alum. panel painted to match color #1. Opaque white Vinyl graphics (color #2) applied to first surface

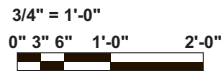
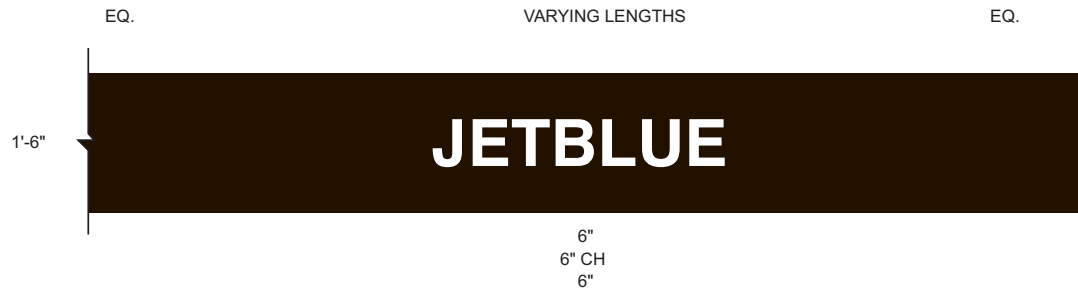
**Illumination:** Yes (existing)



Sign Type 125

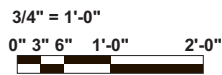
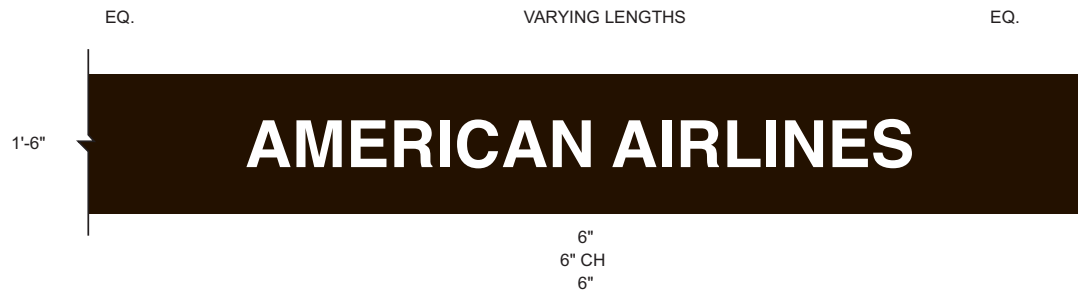


**T3 Ticket Counter ID Signs** 3.16



Sign Type 126

**Description:**  
**1 line, Airline Identity sign face (Terminal 3 Only)**  
 Used above the ticket counters in the existing bands. These signs are generic identity signs and are not to be used by the airlines for placement of logos/graphics, etc. All panels shall use capital lettering for consistency.  
**Panel:** 18" ht x varying length x .090" thk. aluminum face painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. (see page 2.13)  
**Illumination:** No



Sign Type 127

**T3 Illuminated Ticket Counter ID Signs**

**Description:**  
**1 line, Airline Identity sign face (Terminal 3 Only)**  
 Used above the ticket counters in the existing bands. These signs are generic identity signs and are not to be used by the airlines for placement of logos/graphics, etc. All panels shall use capital lettering for consistency.  
**Panel #1:** 18" ht x varying length x .090" thk. aluminum face painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Panel #2:** 17 1/2" ht x varying length" x 3/16" thk. white translucent polycarbonate affixed to back side of aluminum paneling for lettering.  
**Message:** stencil cut letters in aluminum  
**Illumination:** Yes

T4 Ticket Counter ID Signs

3.17



**Description:**

**1 line, Airline Identity sign face (Terminal 4 Only)**

Non-illuminated signs used above the ticket counters in the existing bands. These signs are generic identity signs and are not to be used by the airlines for placement of logos/graphics, etc.

All panels shall use capital lettering for consistency.

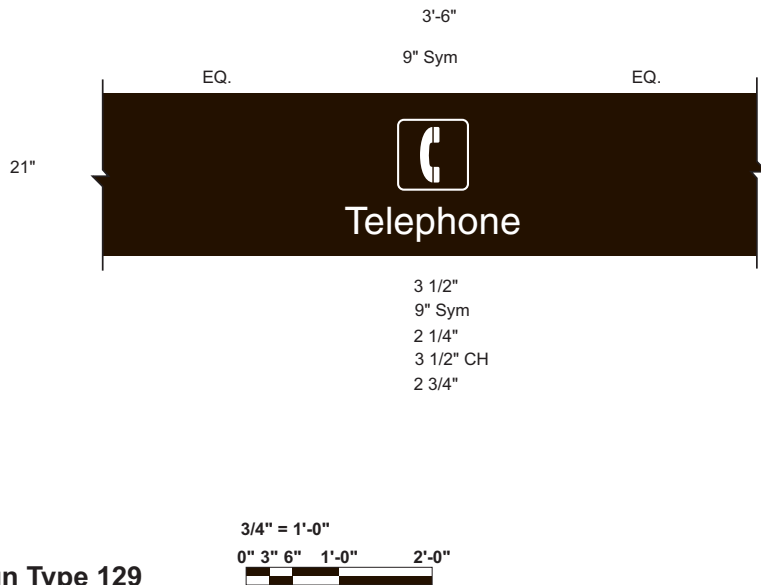
**Panel:** 24" ht x varying length x .090" thk. aluminum face painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. (see page 2.13)

**Illumination:** No

Sign Type 128

T3 Facilities ID Sign Bands



**Description:**

**1 line, Airline Identity sign face (Terminal 4 Only)**

Used in the terminals and concourses on existing bands above facilities to identify locations / entrances to Restrooms, Shops, Telephones, Restaurants, ATMs, Information Kiosks, Water Fountains. Where possible, graphics should be centered over relating facility. Message: Opaque white stencil cut 3M vinyl color #2 (See page 2.13)

**Panel:** 21" ht x varying length panel (wood) painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. Opaque ADA blue vinyl color # 6 where used. (See page 2.13)

**Illumination:** No



Phoenix Sky Harbor International Airport

Sign Type 129

Over Door Directional Sign 3.18

**Description:**  
**1 line, 1 message sign face.**  
**Sign #1:** Single sided sign used above interior entry portals to provide one direction to Ground Transportation functions. All previous messaging has been removed due to curbside functions changing locations. All directional messaging can be found on exterior post and panel directional signs.

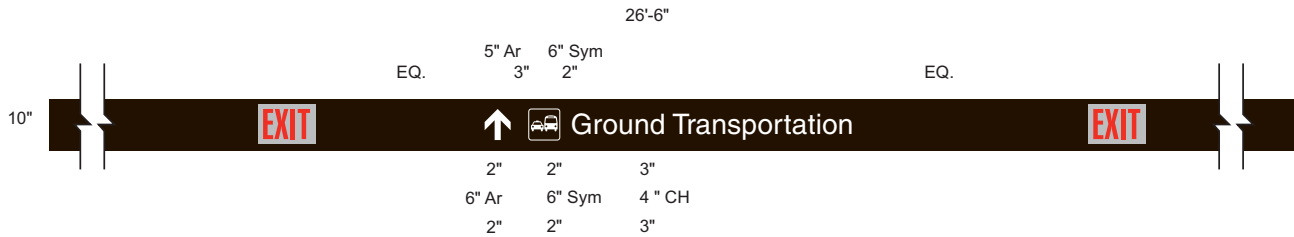
**Sign #2:** Single sided sign. Where additional messages are necessary, messages shall conform to the typical layout of directional messages with the exception of the placement. The left and right messages shall be located 4" off the "EXIT" sign to the left and right panels with the corresponding symbol and directional arrows. The symbols & messages will line up behind one directional arrow.

**Panel:**  
 10" ht x varying length x .090" thk. Dark brown alum. panel painted to match color #1

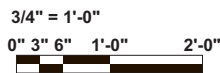
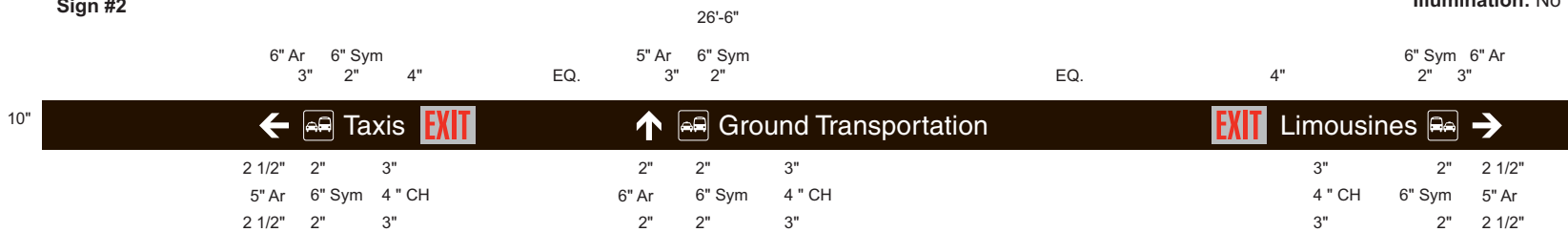
**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. (See page 2.13)

**Illumination:** No

Sign #1



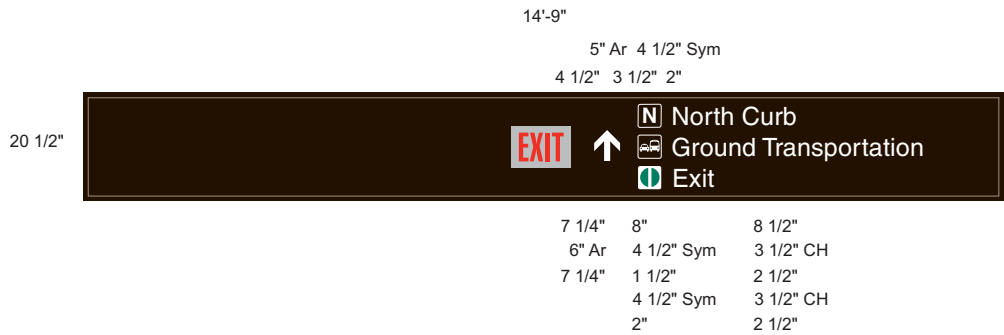
Sign #2





Over Door Directional Sign

3.19



**Description:**  
**1-3 line, 1-3 messages sign face**  
 Used above interior entry portals to provide one direction to Primary Ground Transportation and Exit functions. Messages shall be placed 4" to the left and/or right of the "EXIT" sign. The graphics shall be aligned to the left or right of the Exit sign. Additional directional messages shall be located to the left or right of the Exit sign. The message grouping shall be measured 4" away from the Exit sign to the first character of the longest message line. The symbols & messages will line up behind one directional arrow.

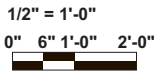
**Panel:** 20 1/2" ht x varying length x .090" thk. Dark brown alum. panel painted to match color #1

**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. (See page 2.13)

**Illumination:** No

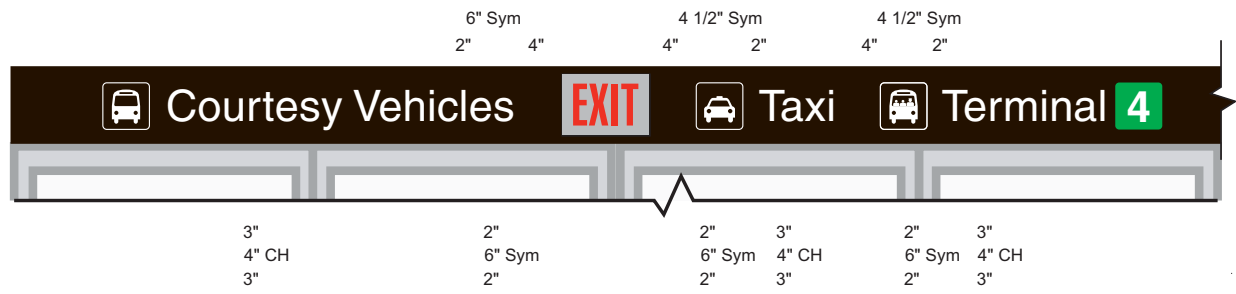


Alternate directional layout example



Sign Type 131

Over Door Information Sign

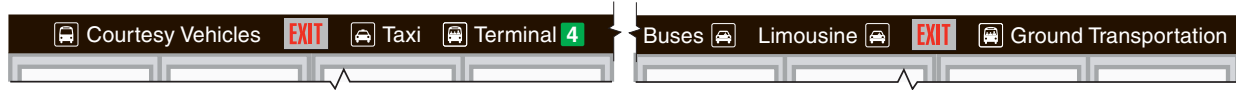


**Description:**  
**1 line, variable messages sign face**  
 Used above interior exit doors to provide non-directional secondary ground transportation information. Messages shall be placed 4" to the left and/or right of the "EXIT" sign. Each message group shall be measured 4" away from the Exit sign to the symbol, and any subsequent messages shall be measured from the last character of the previous message group again to the symbol of the following message group. No directional arrows shall be permitted on these signs.

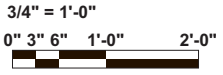
**Panel:** 10 - 10 1/2" ht x varying length x .090" thk. Dark brown alum. panel painted to match color #1

**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. (See page 2.13)

**Illumination:** No



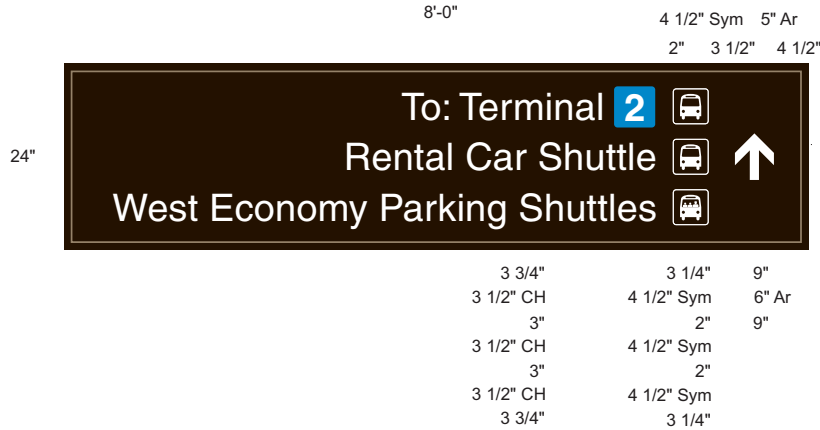
Full elevation



Sign Type 132

**Directional Info. Door Sign** 3.20

**Description:**  
**3 line, 1 message direction sign face**  
 Single sided sign used in front and above interior entry portals to provide one direction to secondary and tertiary ground transportation information. This sign type is one of three and is butted against **Curbside ID Door Sign**. The symbols & messages will line up behind one directional arrow.  
 (See page 2.5 for International and terminal symbol sizes)  
**Panel:** 24" ht x 8'-0" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes

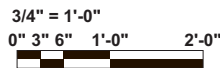
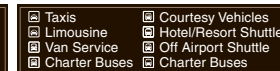
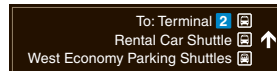


3 3/4"	3 1/4"	9"
3 1/2" CH	4 1/2" Sym	6" Ar
3"	2"	9"
3 1/2" CH	4 1/2" Sym	
3"	2"	
3 1/2" CH	4 1/2" Sym	
3 3/4"	3 1/4"	

Sign Type 133

Sign Type 135

Sign Type 134

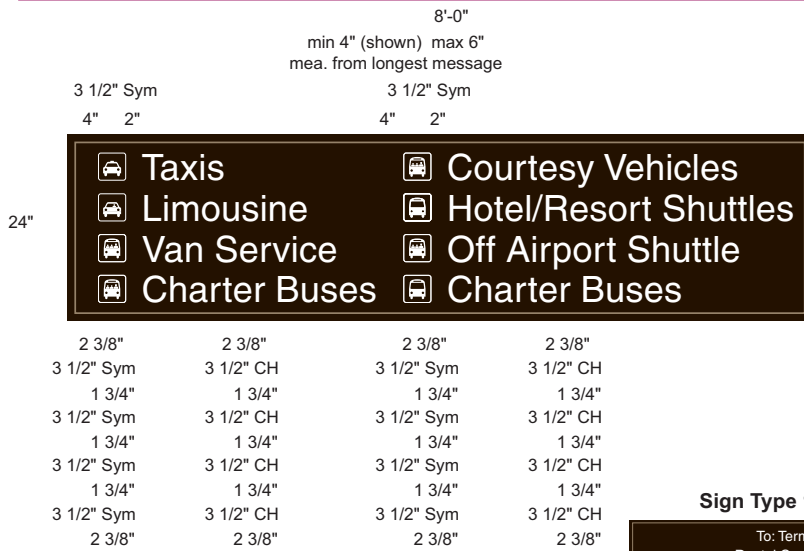


Sign Type 133

Typical sign layout

**Ground Transportation Door Sign**

**Description:**  
**4 line non-directional sign face**  
 Single sided sign used above, in front of the interior entry doors to provide detailed secondary ground transportation information. This sign type is one of three and is located beside **Curbside ID Door Sign**. The graphics have been reduced from the standard; however, they are no smaller than existing to allow for the extensive listing.  
 (See page 2.5 for symbol size)  
**Panel:** 24" ht x 8'-0" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes

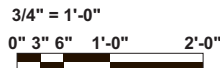
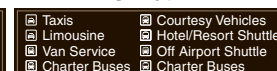
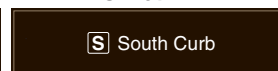
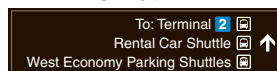


2 3/8"	2 3/8"	2 3/8"	2 3/8"
3 1/2" Sym	3 1/2" CH	3 1/2" Sym	3 1/2" CH
1 3/4"	1 3/4"	1 3/4"	1 3/4"
3 1/2" Sym	3 1/2" CH	3 1/2" Sym	3 1/2" CH
1 3/4"	1 3/4"	1 3/4"	1 3/4"
3 1/2" Sym	3 1/2" CH	3 1/2" Sym	3 1/2" CH
1 3/4"	1 3/4"	1 3/4"	1 3/4"
3 1/2" Sym	3 1/2" CH	3 1/2" Sym	3 1/2" CH
2 3/8"	2 3/8"	2 3/8"	2 3/8"

Sign Type 133

Sign Type 135

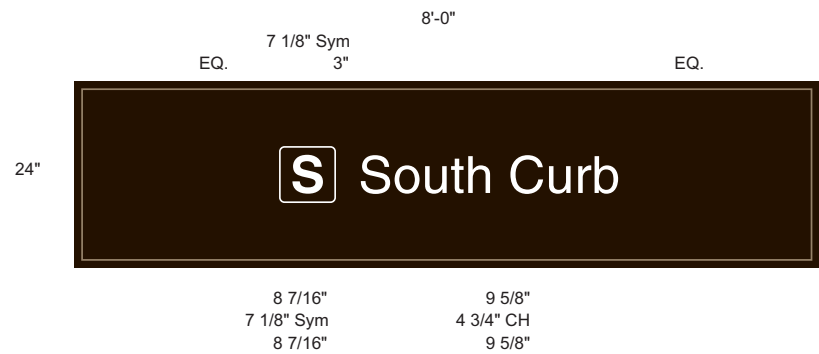
Sign Type 134



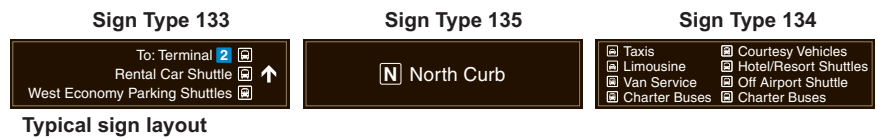
Sign Type 134

Typical sign layout

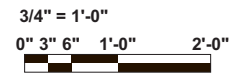
Curbside ID Over Door Sign 3.21



**Description:**  
**1 line non-directional sign face**  
 Single sided sign used above, in front of the interior entry doors to provide North or South information only. This sign type is one of three and is located in between two adjacent signs **Curbside Information Door Sign** and the **Directional Door Sign**. The graphics are enlarged, centered and isolated to visually draw attention to the center panel assisting with information dissemination. (See page 2.5 for Terminal symbol relationship)  
**Panel:** 24" ht x 8'-0" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes



Sign Type 135



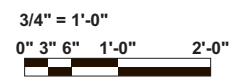
Information Desk Identity Sign



**Description:**  
**2 line, information desk sign face**  
 Used at the information counters with overhead illuminated sign cabinets.  
**Panel:**  
 21" ht x varying length x 3/16" thk. translucent white polycarbonate  
**Message:** translucent green die cut vinyl lettering applied to first surface of panel. Color to match color #15. (see page 2.13)  
**Illumination:** Yes

- 14 5/16"    4 1/2"    14 5/16"
- 1 1/4" bullet    7" CH    1 1/4" bullet
- 4 15/16"    1 3/16"    4 15/16"
- 3/8" Rule
- 1 3/16"
- 2 1/4" CH
- 4 1/2"

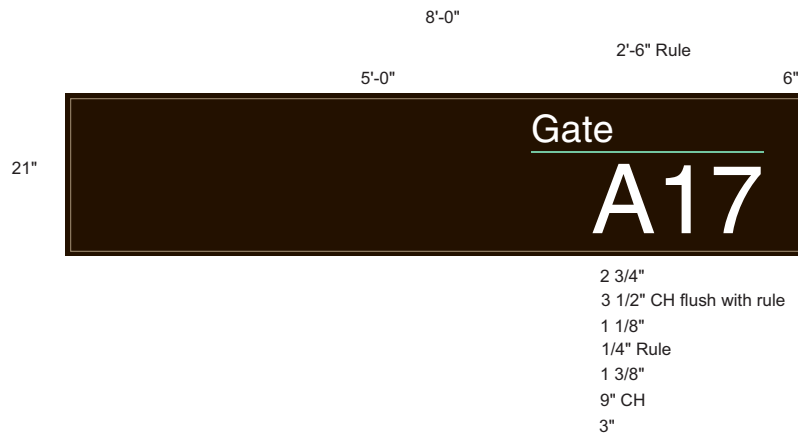
Sign Type 136



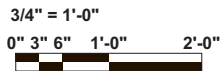
Overhead Directional Sign Gate Identity Sign	3.22
---	------

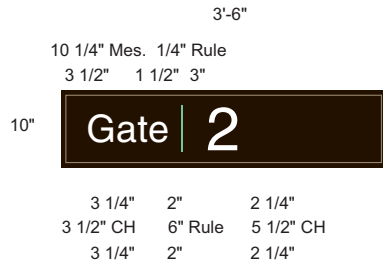
**Description:**  
**2 line non-directional sign face, on overhead directional signs**  
 Double sided sign used in concourses for identifying one gate on the overhead directional sign bands; in lieu of using a flag sign. (A flag sign should be used first if the space can accommodate one)  
 The sign face shall be mounted so that the word "Gate" shall be flush towards the center of the corridor. The gate number should always be flush towards the wall or column.  
 See sign type 140 for flag sign gate identity signs. This sign may be used in conjunction with overhead directional sign types 113, 114 thru & 116

**Panel:** 21" ht x varying length x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. Translucent teal rule 3M vinyl to match color #4 (See page 2.13)  
**Illumination:** Yes



Typical sign layout



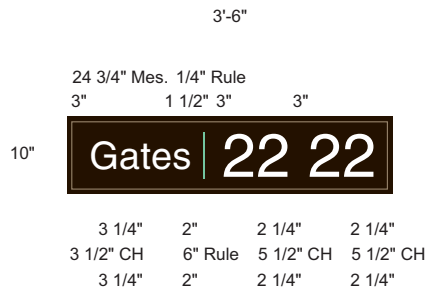


Sign Type 138

Single Gate ID Flag Sign

3.23

**Description:**  
**1 line non-directional sign face (Terminal 2 Only - may be ceiling suspended)**  
 Double sided sign used in concourse for identifying one gate.  
 The sign face shall be mounted so that the word "Gate" shall be flush towards the wall or column. All flag signs shall be mounted towards the center of the corridor in the concourses.  
**Panel:** 10" ht x 3'-6" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. Translucent teal rule to match color #4 (see page 2.13)  
**Illumination:** Yes



Sign Type 139

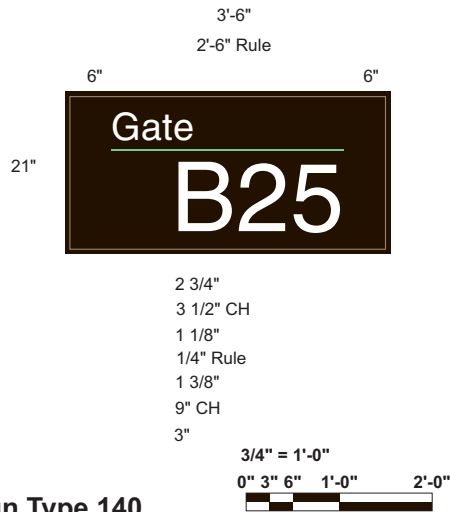


Alternate number layout

Multiple Gate ID Flag Sign

**Description:**  
**1 line non-directional sign face (Terminal 2 Only - may be ceiling suspended)**  
 Double sided used in concourse for identifying two gates close together or a series of gates. The comma has been removed from the existing layout to enhance readability. The sign shall be mounted so that the word "Gates" shall be flush towards the wall or column. All flag signs shall be mounted towards the center of the corridor in the concourses.  
**Panel:** 10" ht x 3'-6" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. Translucent teal rule to match color #4 (see page 2.13)  
**Illumination:** Yes

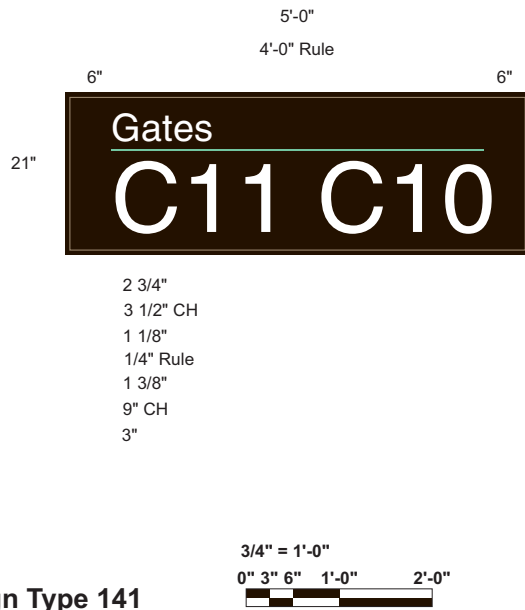
Single Gate ID Flag Sign 3.24



Sign Type 140

**Description:**  
**2 line non-directional sign face**  
 Double sided sign used in concourse for identifying one gate. The sign face shall be flush towards the center of the corridor. The gate number should always be flush towards the wall or column. All flag signs shall be mounted towards the center of the corridor in the concourses. Where an overhead directional sign impedes the placement of a flag sign sign type 137 may be used.  
**Panel:** 21" ht x 3'-6" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. Translucent teal rule to match color #4 (see page 2.13)  
**Illumination:** Yes

Multiple Gate ID Flag Sign



Sign Type 141

**Description:**  
**2 line non-directional sign face**  
 Double sided sign used in concourse for identifying two gates which are close together. The comma has been removed from the existing layout to enhance readability. The sign shall be mounted so that the word "Gates" shall be flush towards the center of the corridor. The gate number should always be flush towards the wall or column. All flag signs shall be mounted towards the center of the corridor in the concourses. Where an overhead directional sign impedes the placement of a flag sign sign type 137 may be used based upon the same dimensions.  
**Panel:** 21" ht x 5'-0" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. Translucent teal rule to match color #4 (see page 2.13)  
**Illumination:** Yes

**T2 Public Facilities ID Sign** 3.25

**Description:**  
**1 line non-directional sign face**  
**(Terminal 2 Only - may be ceiling suspended)**

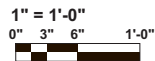
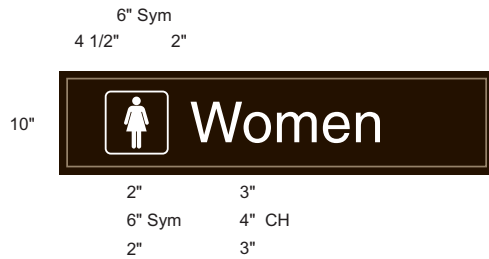
Double sided sign used in terminal and concourse for identifying public services or facilities.

The sign face shall be mounted so that the word "symbol" shall be flush towards the center of the corridor. All flag or ceiling mounted signs shall be mounted towards the center of the corridor in the concourses.

**Panel:** 10" ht x 3'-6" x 3/16" thk. white translucent polycarbonate

**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. Translucent teal rule to match color #4 (see page 2.13)

**Illumination:** Yes



Sign Type 142

**Public Facilities ID Flag Sign**

**Description:**  
**1 line non-directional sign face**

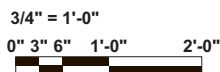
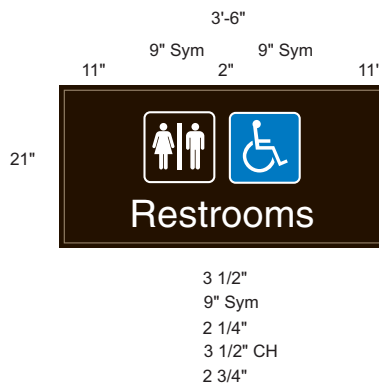
Double sided sign used in concourse for identifying public services or facilities.

The sign face shall be mounted so that where ADA symbols are used, they shall ALWAYS flush be towards the wall or column.

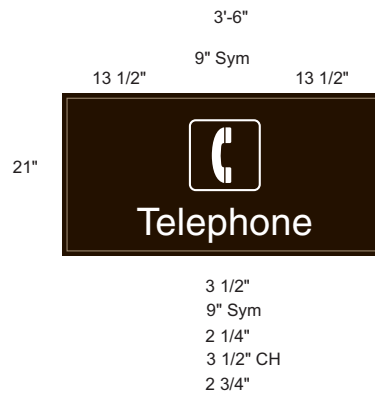
**Panel:** 21" ht x 3'-6" x 3/16" thk. white translucent polycarbonate

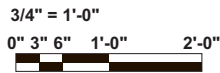
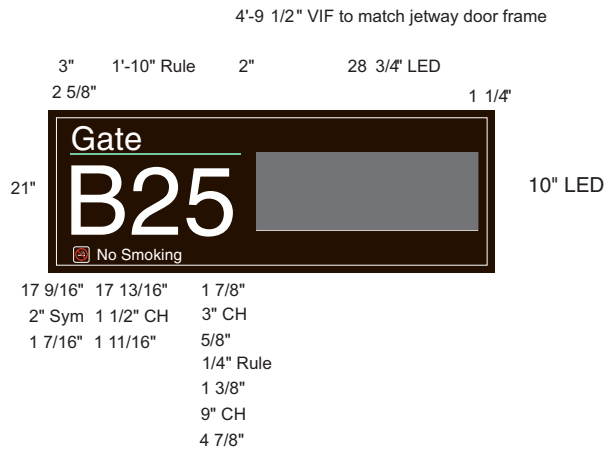
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Illumination:** Yes



Sign Type 143

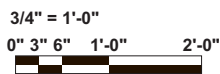
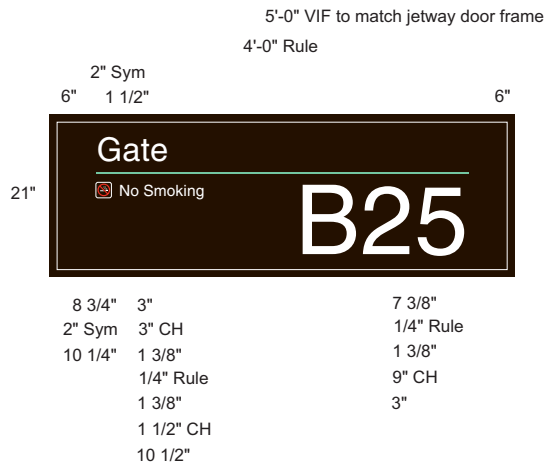




Sign Type 144

**T4 Gate Portal ID VMS Signs 3.26**

**Description:**  
**3 line non-directional sign face (currently in T4 concourses A, B, C)**  
 Used in the concourses above the jetway entrances to identify one gate number. The sign type allows for a 28 3/4" x 10" VMS to be located in the cutout section of the sign. Smoked acrylic shall be placed over the VMS unit and be flush with the face of the sign.  
**Panel:** 21" ht x varying length x .090" thk. aluminum face painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. Opaque teal, die cut vinyl Rule applied to first surface, color to match color #5 (see page 2.13)  
**Illumination:** No



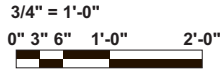
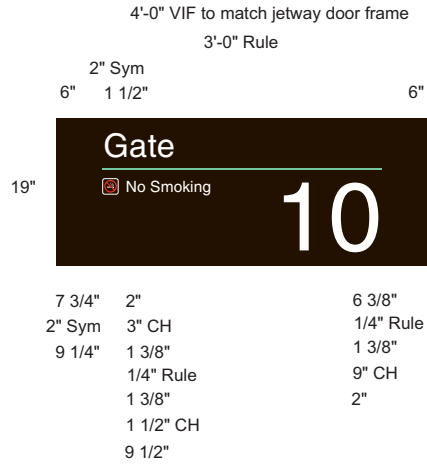
Sign Type 145

**T4 Gate Portal ID Signs**

**Description:**  
**3 line non-directional sign face**  
 Single sided sign used in the concourses above the jetway entrances to identify one gate number.  
**Panel:** 21" ht x varying length x .090" thk. aluminum face painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. Opaque teal, die cut vinyl Rule applied to first surface, color to match color #5 (see page 2.13)  
**Illumination:** No



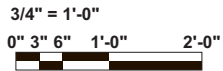
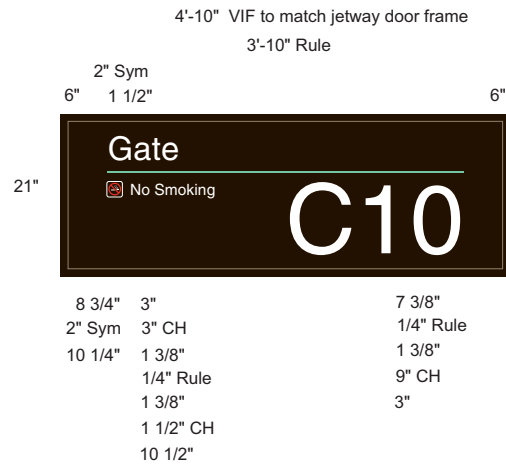




Sign Type 146

**T2 Gate Portal ID Signs** 3.27

**Description:**  
**3 line non-directional sign face (Terminal 2 Only)**  
 Single sided sign used in the concourses above the jetway entrances to identify one gate number.  
**Panel:** 19" ht x varying length x .090" thk. aluminum face painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. Opaque teal, die cut vinyl Rule applied to first surface, color to match color #5 (see page 2.13)  
**Illumination:** No

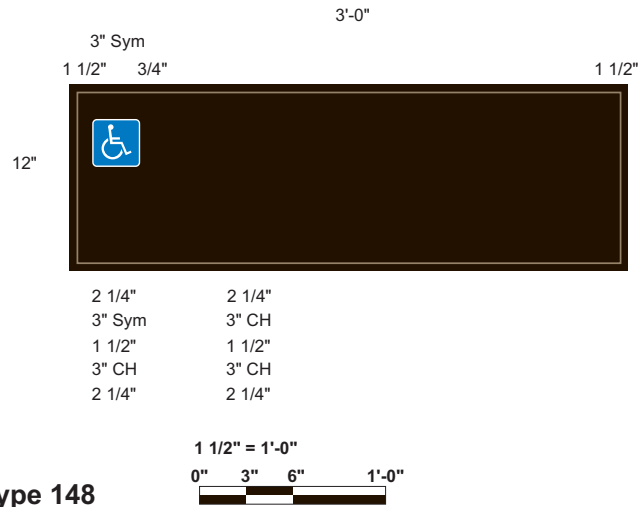


Sign Type 147

**T3 Gate Portal ID Signs**

**Description:**  
**3 line non-directional sign face (Terminal 3 Only)**  
 Single sided sign used in the concourses above the jetway entrances to identify one gate number.  
**Panel:** 21" ht x varying length x .090" thk. aluminum face painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2. Opaque teal, die cut vinyl Rule applied to first surface, color to match color #5 (see page 2.13)  
**Illumination:** No

Ceiling Susp. Rescue Sign 3.28



**Description:**  
**2 line, non-directional sign face**  
 Used in terminal & concourse to provide identification of "Area of Rescue Assistance".  
 Sign can be located perpendicular or parallel to corridor. If sign is located perpendicular to corridor. Sign Type 152 wall sign should also be used in conjunction with the overhead sign.  
**Panel:** 12" ht x 3'-0" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. ADA accessible symbol translucent 3M vinyl blue rule color #6 (See page 2.13)  
**Illumination:** Yes

NOT USED

x

Sign Type 148

NOT USED

Exterior Sign 14 1/2"



19 3/4"

2 3/8"  
 1 1/2" CH Futura Med.  
 1 7/8"  
 10" CH Futura (-100%) ltr. spacing  
 4"

Interior Sign 14 7/16"

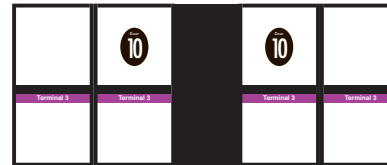


19 11/16"

2 11/32"  
 1 1/2" CH Futura Med.  
 1 7/8"  
 10" CH Futura (-100%) ltr. spacing  
 3 31/32"



Sign Type 149



Typical glass entry/exit doors elevation

Int./Ext. Glass Door No. Sign 3.29

**Description:**

**2 line sign face**

(2) Single sided signs used on the interior and exterior sides of ALL entry/exit glass doors to identify the entrance numbers. The interior and exterior signs are to be used simultaneously and placed back to back on the first surface of each glass door. During installation, the larger exterior sign shall be applied first, followed by the smaller interior sign. The smaller sign size will reduce the likelihood of offset edges. All text should be centered left to right. ALL signs shall use Futura Condensed Medium for consistency. The existing sign uses both Futura Medium and Futura Condensed Medium, Futura medium shall be eliminated from use on these signs ONLY. One door number per set of doors, Ovals shall be located on the two nearest glass panels on a double set of doors.

**Panel:** 19 3/4" ht x 14" (Oval) opaque matte black 3M vinyl color to match color #7.

**Message:** Opaque white 3M vinyl applied to first surface of oval, to match color #2. See page 2.13

**Illumination:** No

EQ. 3'-2" VIF glass panel EQ.



5"

Terminal 2

1 5/16"  
 5" CH  
 1 5/16"

EQ. 3'-2" VIF glass panel EQ.



5"

Terminal 3

1 5/16"  
 5" CH  
 1 5/16"

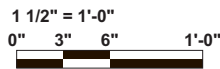
EQ. 3'-2" VIF glass panel EQ.



5"

Terminal 4

1 5/16"  
 5" CH  
 1 5/16"



Sign Type 150

Int./Ext. Terminal ID Glass Door Sign

**Description:**

**2 line sign face**

(2) Single sided signs used on the interior and exterior sides of ALL entry/exit glass doors to identify the Terminals. The interior and exterior signs are to be used simultaneously and placed back to back on the first surface of each glass door. The vinyls shall be located directly beneath the mullion on all glass doors. (see glass door ID sign for typical elevation).

**T2 Panel:** 3'-2" ht x 5" opaque matte blue 3M vinyl color to match color #3.

**T3 Panel:** 3'-2" ht x 5" opaque matte purple 3M vinyl color to match color #4.

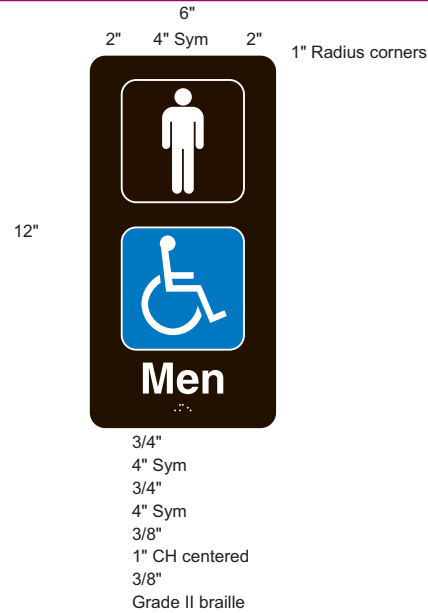
**T4 Panel:** 3'-2" ht x 5" opaque matte teal 3M vinyl color to match color #5.

**Message:** Opaque white 3M vinyl applied to first to match color #2. (See page 2.13)

**Illumination:** No

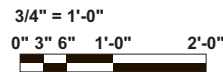


**ADA Restroom Wall Sign** **3.30**



Sign Type 151

**ADA Family Assisted Restroom Sign**

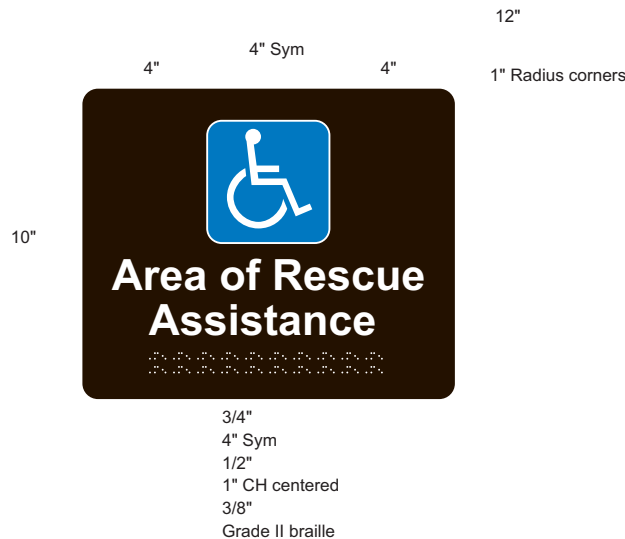


Sign Type 152

**Description:**  
**1 line non-directional sign face**  
 Singled sided wall sign with raised text & symbol. This sign is intended for men's and women's restrooms only. See sign type 151 for family assisted restroom wall signs. (See page 2.17 for ADA specifications mounting conditions)  
**Panel:** 12" ht x 6" x 1/4" thk. sprayed dark bronze polymer acrylic to match color # 1.  
**Message:** All raised text and symbols shall be surface screened white to match color #2. The accessible symbol field/background shall be spray in-filled to match color #6 (see page 2.13)  
**Illumination:** No

**Description:**  
**2 line non-directional sign face**  
 Singled sided wall sign with raised text & symbol. This sign is intended for family assisted restroom use only. See sign type 150 for men's and women's restroom wall signs. (See page 2.17 for ADA specifications mounting conditions)  
**Panel:** 10" ht x 12" x 1/4" thk. sprayed dark bronze polymer acrylic to match color # 1.  
**Message:** All raised text and symbols shall be surface screened white to match color #2. The accessible symbol field/background shall be spray in filled to match color #6 (see page 2.13)  
**Illumination:** No

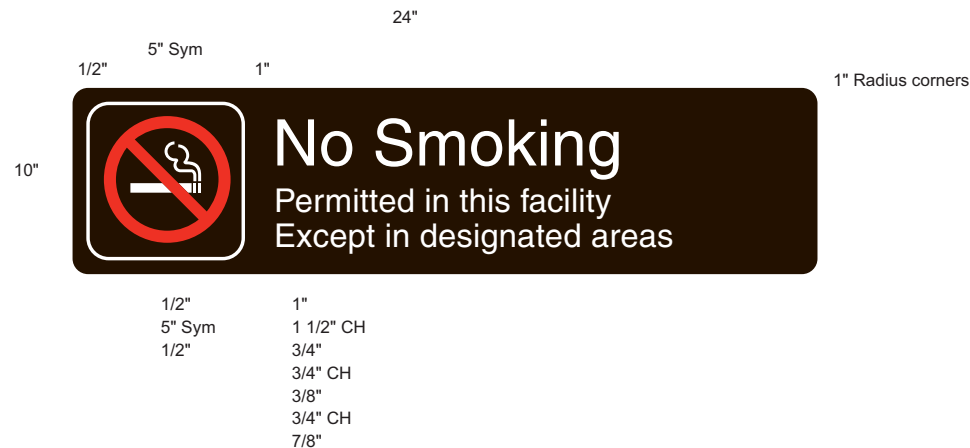
**Area of Rescue Wall Sign 3.31**



**Description:**  
**2 line non-directional wall sign**  
 Singled sided wall sign with raised text & symbol. This sign is intended for wall used in the immediate area of the "Area of Rescue Assistance". (See page 2.17 for ADA specifications mounting conditions)  
 Shim panel off wall with 1/8" acrylic plate  
**Panel:** 10" ht x 12" x 1/4" thk. sprayed dark bronze polymer acrylic to match color # 1  
**Message:** All raised text and symbols shall be surface screened white to match color #2  
 The accessible symbol field/background shall be spray in-filled to match color #6 (see page 2.13)  
**Illumination:** No

**Sign Type 153**

**No Smoking Wall Sign**



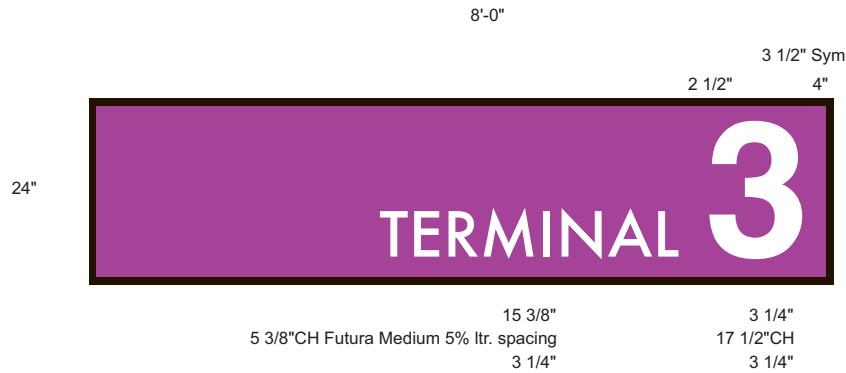
**Description:**  
**3 line non-directional wall sign**  
 This sign is used around all terminals and is located on walls, columns & kiosks. All locations should be reviewed and approved by PSHIA representatives prior to installation.  
 Shim panel off wall with 1/8" acrylic plate  
**Panel:** 10" ht x 24" x 1/4" thk. clear polycarbonate  
**Message:** graphics to be reverse screened and applied to second surface of clear polycarbonate. Background dark bronze color to match #1, white text, symbol and symbol border to match color #2, and the red to match PMS Warm Red. (see page 2.13)  
**Illumination:** No

**Sign Type 154**

# Terminal Curbfronts Sign Standards

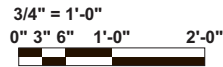
**(Messages are for layout purposes ONLY  
and do not reflect the final sign message)**

Exterior Terminal ID Door Sign 4.1



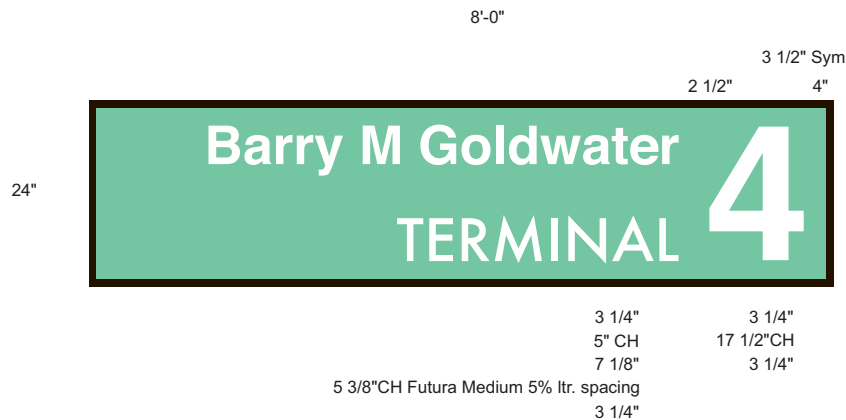
**Description:**  
**1 line non-directional sign face**  
 Single sided sign used above exterior entry doors to provide Terminal 3 identity. This sign type is one of three used above doors and is butted against left side of the **Exterior ID Level Door Sign**. The graphics are enlarged, and the terminal identity color is used to help visually draw attention to the left panel and to accelerate information dissemination. A non-standard font has been used for the word "Terminal". This manual shall keep this font use only to the exterior signs where noted.  
**Panel:** 24" ht x 8'-0" x 3/16" thk. white translucent polycarbonate  
**Message:** Die cut lettering from purple translucent 3M vinyl applied to first surface, with full coverage to match color #4. (see page 2.13)  
**Illumination:** Yes

Sign Type 200



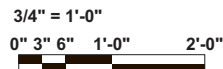
Typical sign layout

Sign Type 201



Exterior Terminal ID Door Sign

**Description:**  
**2 line non directional sign face**  
 Single sided sign used above exterior entry doors to provide Terminal 4 Identity. This sign type is one of three used above doors and is butted against left side of the **Exterior ID Level Door Sign**. The graphics are enlarged, and the terminal identity color is used to help visually draw attention to the left panel and to accelerate information dissemination. A non-standard font has been used for the word "Terminal". This manual shall keep this font use only to the exterior signs where noted.  
**Panel:** 24" ht x 8'-0" x 3/16" thk. white translucent polycarbonate  
**Message:** Die cut lettering from Teal translucent 3M vinyl applied to first surface with full coverage to match color #5. (see page 2.13)  
**Illumination:** Yes



Typical sign layout

Exterior ID Level Door Sign 4.2

**Description:**  
**3 line non-directional sign face**  
 Single sided sign used above exterior entry doors on either the arrivals level or departures level with the corresponding messaging and symbol. This sign type is one of three used above doors and is butted in between the **Exterior Terminal ID Door Sign** and the **Exterior Airline Info Door Sign**. A non-standard font has been used for the text on this sign. This manual shall limit this font use only to the exterior signs where noted.  
**Panel:** 24" ht x 8'-0" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes



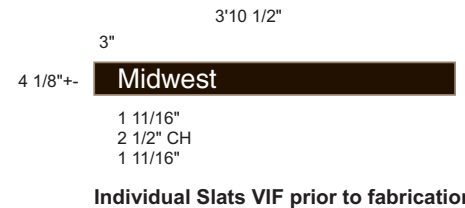
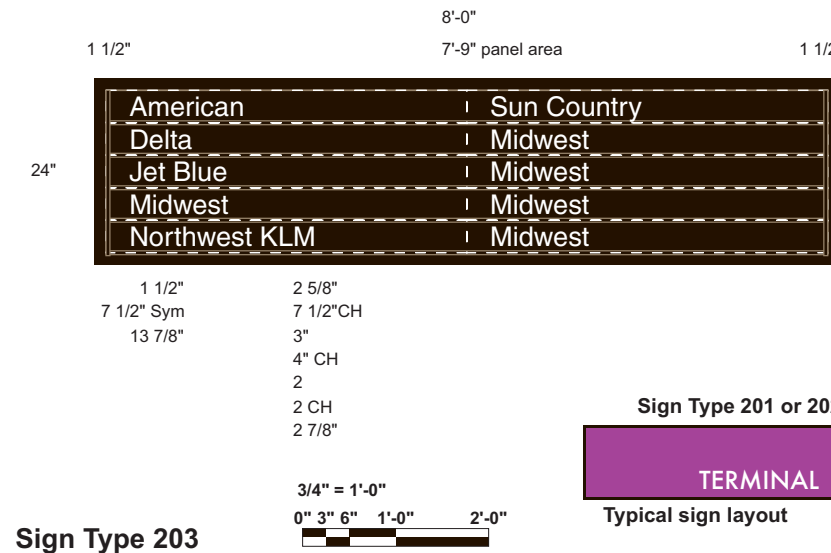
Addresses for Terminals 3 & 4  
 Terminal 3 3400 Sky Harbor BLVD  
 Terminal 4 3800 Sky Harbor BLVD



Sign Type 202

Exterior Airline Info Door Sign

**Description:**  
**5 line non-directional Information sign face**  
 Single sided sign used above exterior entry doors on either the arrivals level or departures level with the corresponding messaging and symbol. This sign type is one of three used above doors and is butted to the right side of the **Exterior Terminal ID Level Door Sign**.  
**Panel:** 24" ht x 8'-0" x 3/16" thk. white translucent polycarbonate  
**Message slats:** opaque dark bronze 3M vinyl applied to first surface with die cut airline lettering to match color #1. (see page 2.13)  
**Illumination:** Yes



Individual Slats VIF prior to fabrication



Sign Type 203



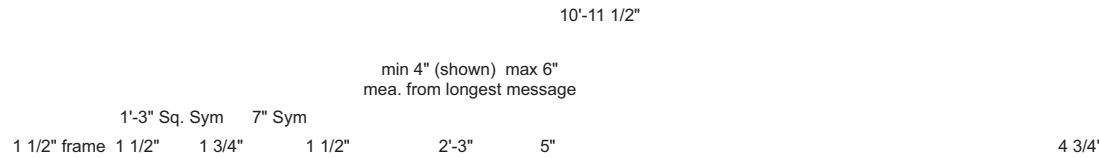
Curbside Airline Identity Sign 4.3

**Description:**  
**5 line, 3 column overhead airline identity sign**  
 Double sided sign used at the curbsides on the arrivals level in terminal 3 and could be used on the curbside arrivals or the departures levels at terminal 4. This is a ceiling suspended sign located over curb to help passenger identify the airlines located inside the terminal.

A non-standard font has been used for the word "Arrivals". This manual shall limit this font use only to the exterior signs where noted.

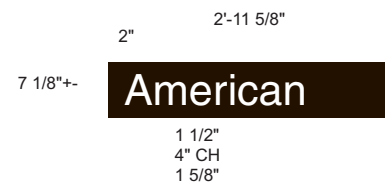
**Panel:** 3'-6 1/2" ht x 10'-11 1/2" x 3/16" thk. white translucent polycarbonate painted with reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Message slats:** 7 1/8" ht. x 2'-11 5/8" x 3/16" thk. painted with reverse stencil lettering applied to first surface, remaining slat painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes

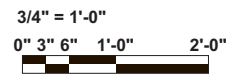


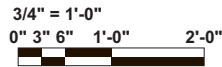
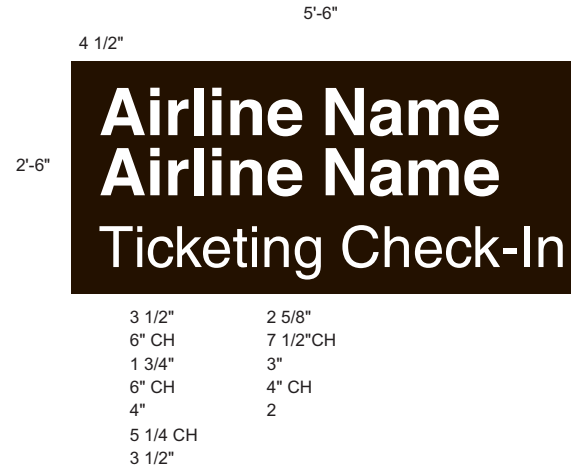
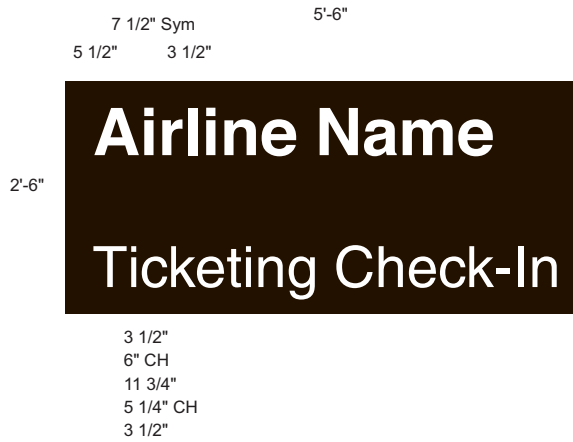
3'-6 1/2"

3"	3"	3 1/2"	3 1/2"
1/4" Sym. Rule	7" Sym	6' CH Futura Bold "Arrivals" ONLY	6' CH (Helvetica med)
1 1/4"	1 1/8"	1 5/8"	1 5/8"
1 1/2" CH	3/4" Retainer	3/4" Retainer	3/4" Retainer
1"	6 3/8" Exposed slat	6 3/8" Exposed slat	6 3/8" Exposed slat
9" CH	3/4" Retainer	3/4" Retainer	3/4" Retainer
1 3/4"	6 3/8" Exposed slat	6 3/8" Exposed slat	6 3/8" Exposed slat
1/4" Sym. Rule	3/4" Retainer	3/4" Retainer	3/4" Retainer
24 1/2"	6 3/8" Exposed slat	6 3/8" Exposed slat	6 3/8" Exposed slat
	3/4" Retainer	3/4" Retainer	3/4" Retainer
	6 3/8" Exposed slat	6 3/8" Exposed slat	6 3/8" Exposed slat
	3/4" Retainer	3/4" Retainer	3/4" Retainer
	2 1/8"	2 1/8"	2 1/8"



Individual Slats VIF prior to fabrication





**T4 Airline Entrance Sign** **4.4**

**Description:**  
**3 line non-directional sign face (Terminal 4 Only)**  
 Double sided sign used on the departures level of terminal 4 to identify at the curb where the airlines are located inside. This sign is existing, but it is recommended that if replacement is necessary, **Curbside Airline Identity Sign** sign type xxx be used in its place, as it contains more airline names.

**Panel:** 2'-6" ht x 5'-6" x 3/16" thk. white translucent polycarbonate  
**Message:** translucent white, reverse stencil lettering applied to first surface, remaining panel painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)  
**Illumination:** Yes

**NOT USED**

x

NOT USED

Sign Type 205

Sign Type 118

**Ground transport Flag Signs 4.5**

**Description:**  
**1, 2 & 3 line non-directional sign face**  
 (2) Single sided panels used back to back on curbside. The panels have been updated to emphasize the text rather than the colors & symbols, as the symbols are relatively similar the color created a visually confusing sign The signs have been oriented into (6) six formats but are all based on the same sign There shall be no variation to these signs than the alternate graphic layouts found on bottom of the page. All ground transportation services have been accounted for on these signs. Pedestrian crossing signs and directional walkway signs to terminals, see page 4.6.

**Panel:** 24" ht x 21" x 3/16" thk. aluminum face painted opaque matte, dark bronze with full surface coverage to match color #1. (see 2.13)

**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2.

**Sign colors for 3,4 & 6:** For the terminal accessible symbol & Phoenix Sky Harbor Int'l Airport colors, see page 2.13.

**Illuminated:** No

**Sign #1**

1'-9"  
8" Sym  
6 1/2" 6 1/2"

24"



3  
8" Sym  
4  
3 1/4" CH (50 %) Ltr. spacing  
9 3/4"

**Sign #2**

1'-9"  
8" Sym  
6 1/2" 6 1/2"



3  
8" Sym  
4  
3 1/4" CH  
1 3/4"  
3 1/4" CH  
4 3/4"

**Sign #3**

1'-9"  
8" Sym 3 1/2" Sym 3 1/2" Sym  
1 5/8" 1 3/4" 1" 1 5/8"



3 3  
8" Sym 2  
4 1 1/2" CH  
3 1/4" CH 1  
1 3/4" 3 1/2" Sym  
3 1/4" CH 4"  
4 3/4" 3 1/4" CH  
1 3/4"  
3 1/4" CH  
4 3/4"

**Sign #4**

1'-9"  
8" Sym 8" Sym  
1 5/8" 1 3/4" 1 5/8"



3  
8" Sym  
4  
3 1/4" CH  
1 3/4"  
3 1/4" CH  
5"

**Sign #5**

1'-9"  
8" Sym 8" Sym  
1 5/8" 1 3/4" 1 5/8"



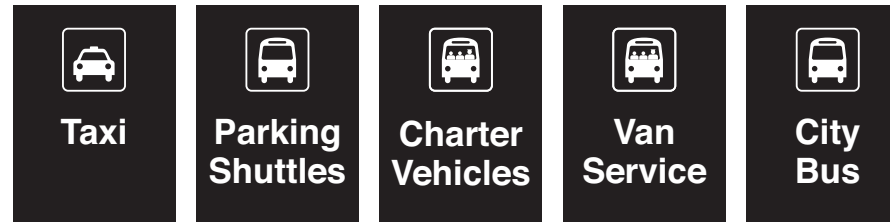
2  
8" Sym  
2  
3 1/4" CH  
1 3/4"  
3 1/4" CH  
1 3/4"  
3 1/4" CH  
2 3/4"

**Sign #6**

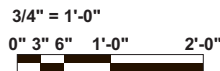
1'-9"  
8" Sym  
6 1/2" 6 1/2"



2  
8"Ø Sym  
2  
3 1/4" CH  
1 3/4"  
3 1/4" CH (-25 %) Ltr. spacing  
1 3/4"  
3 1/4" CH  
2 3/4"

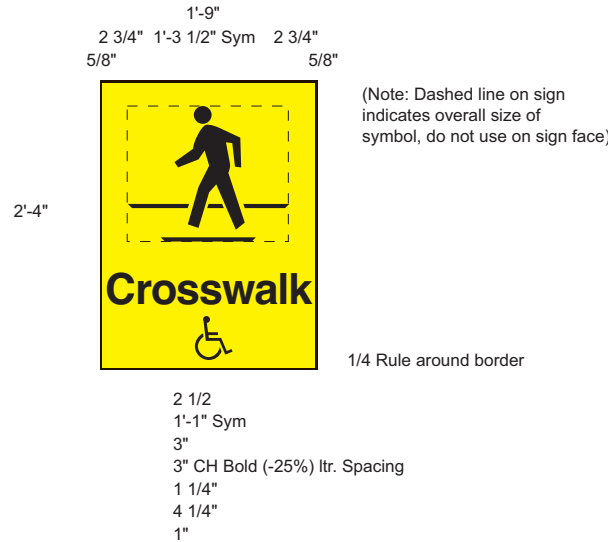


Alternate Layouts



**Crosswalk Identity Post Sign**

4.6



**Description:**

**1 line non-directional sign face**

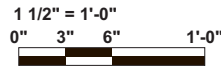
(2) Single sided panels used back to back on flag signs located on the curbside at both ends of each crosswalk. The panels have been updated to emphasize the typical yellow background colors of an ANSI crosswalk sign. The arrows have been removed as they are not typically used on a crosswalk sign. Placing crosswalk signs on both sides of a crosswalk should designate a zone in which to cross the road. All graphics shall be centered left to right on the sign face.

**Panel:** 2'-4" ht x 21" x 3/16" thk. aluminum face painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13) with 2'-3 1/2" ht x 20 1/2" 3M yellow (#3271) engineering grade reflective vinyl applied to first surface of yellow (#3271). 1/4" consistent border to be left around vinyl sheeting.

**Message:** , 3M black (#680-85) reflective graphic film die cut vinyl lettering applied to first surface of yellow (#3271)

**Illuminated:** No

**Sign Type 207**



**T2/T3 Walkway Post signs**

**Description:**

**1 line non-directional sign face**

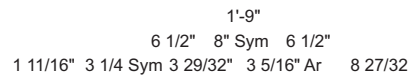
Single sided panel used on posts to guide passengers to the walkways between terminals. All graphics, with the exception of the accessible symbol, shall be centered from left to right on the sign face. Ground Transportation signs can be found on page 4.5.

**Panel:** 24" ht x 21" x 3/16" thk. aluminum face painted opaque matte, dark bronze with full first surface coverage to match color #1. (see page 2.13)

**Message:** opaque white, die cut vinyl lettering applied to first surface, color to match color #2

For Terminal symbols and colors, see pages 2.2.5 & 2.13.

**Illuminated:** No



2 5/8"  
3" CH  
1 1/2"  
8" Sym  
3 3/8"  
3" CH  
1 3/8"  
4" Sym /Ar  
1 1/8"

**Sign Type 208**

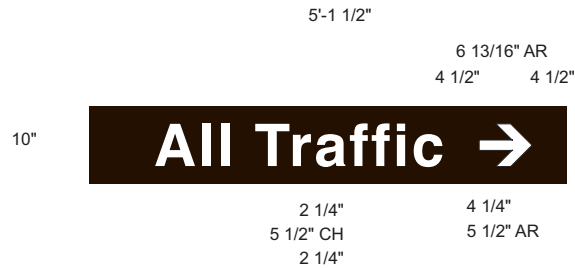


Phoenix Sky Harbor International Airport

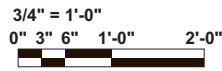
# Parking Garage Sign Standards

**(Messages are for layout purposes ONLY  
and do not reflect the final sign message)**

**T3 Directional Garage Sign 5.1**



Alternate Layout



Sign Type 300

**T3 Directional Garage Sign**

**Description:**  
**(Terminal 3 Garage ONLY)**  
**1 line 1-3 message sign face**  
 Used in Garage on cement beams to provide multiple directions with one multiple messages. Each message groups will line up behind one directional arrow. (These are existing signs in terminal 2 and when replaced should be updated to sign type 306 and 307) All garage arrows shall indicate a straight ahead direction with an arrow pointing upwards and NOT downwards.

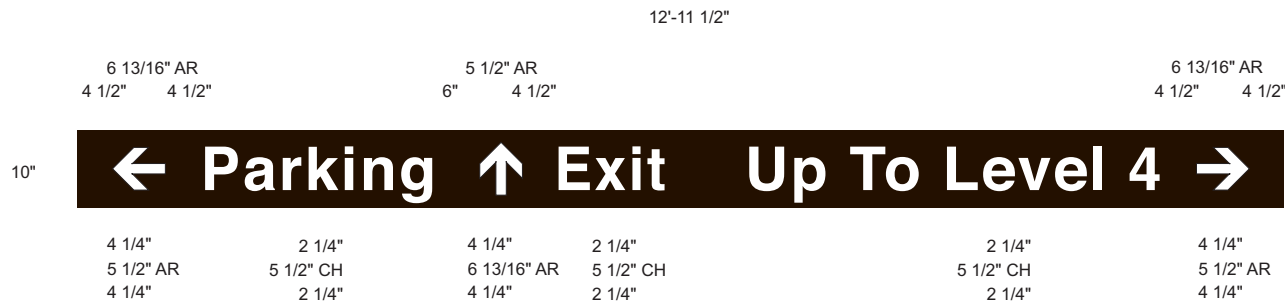
**Panel:** 10" ht x 12' 11 1/2" stencil cut  
 Breakformed aluminum panel painted to match color # 1. (see page 2.13)

**Message:** 1/8" thk. translucent white acrylic

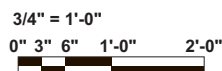
**Illumination:** Yes



Phoenix Sky Harbor International Airport

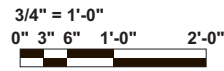
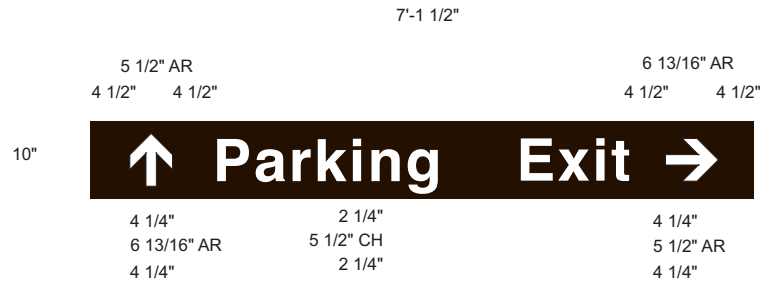


Alternate Layout



Sign Type 301

**T3 Directional Garage Sign** **5.2**



Sign Type 302

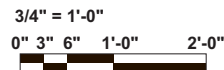
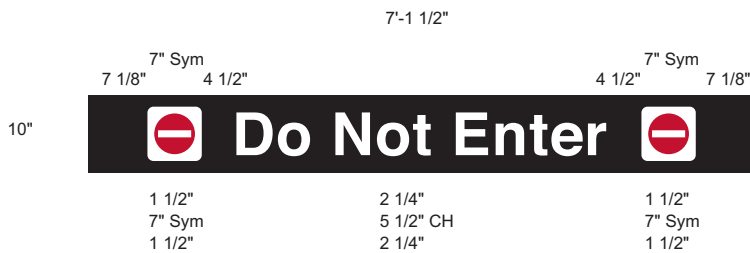
**Description:**  
**(Terminal 3 Garage ONLY)**  
**1 line 1-2 message sign face**  
 Used in Garage on cement beams to provide a multiple directions with multiple messages. Each message will line up behind one directional arrow. (These are existing signs in terminal 2 and when replaced should be updated to sign types 306 and 307) All garage arrows shall indicate a straight ahead direction with an arrow pointing upwards and NOT downwards.

**Panel:** 10" ht x 7' 1 1/2" stencil cut break formed aluminum panel painted to match color #1. (see page 2.13)

**Message:** 1/8" thk. translucent white acrylic

**Illumination:** Yes

**T3 Garage "Do Not Enter" Sign**



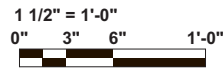
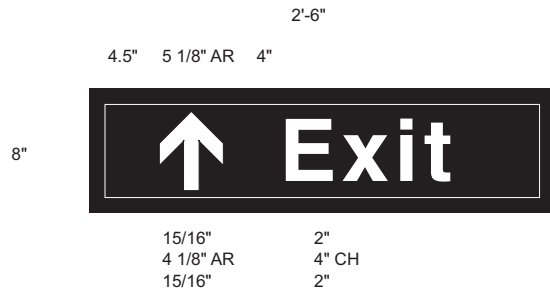
Sign Type 303

**Description:**  
**(Terminal 3 Garage ONLY)**  
**1 line 1 message sign face**  
 Used in Garage on cement beams to provide "Do Not Enter" information. (These are existing signs are in terminal 3 and when replaced should be updated to sign type 309) Original sign fully backlit red translucent vinyl.

**Panel:** 10" x 7'1 1/2' x 3/16" thk. white translucent polycarbonate

**Message:** Stencil cut lettering from Dark Brown opaque 3M vinyl applied to first surface with full coverage to match color #1. (see page ) Translucent symbol red to match color #9 (see page 2.3 and 2.13)

**Illumination:** Yes

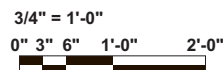


Sign Type 304

**T2 Directional Garage Sign** 5.3

**Description:**  
**(Terminal 2 Garage ONLY)**  
**1 line 1 message sign face**  
 Used in Garage on cement beams to provide a single direction with one message. The message will line up behind one directional arrow. (These are existing signs in terminal 2 and when replaced should be updated to sign types 306) All garage arrows shall indicate a straight ahead direction with an arrow pointing upwards and NOT downwards.

**Panel:** 8" x 2'-6" x 3/16" thk. white translucent polycarbonate  
**Message:** Stencil cut lettering from Dark Brown opaque 3M vinyl applied to first surface with full coverage to match color #1. (see page 2.13)  
**Illumination:** Yes



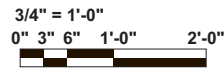
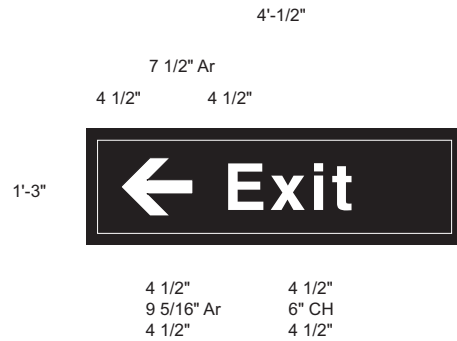
Sign Type 305

**T2 Garage Crosswalk Sign**

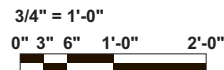
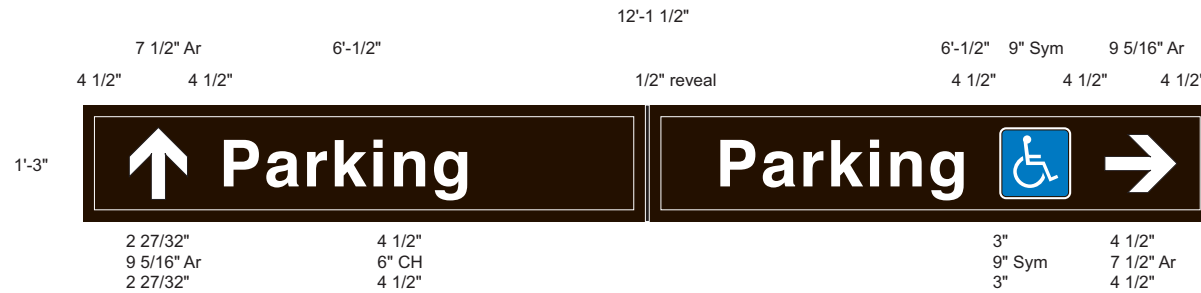
**Description:**  
**(Terminal 2 Garage ONLY)**  
**1 line 1 message sign face**  
 Used in Garage on cement beams to provide a single direction with one message. The message will line up behind one directional arrow. (These are existing signs in terminal 2 and when replaced should be updated to sign type 308) All garage arrows shall indicate a straight ahead direction with an arrow pointing upwards and NOT downwards.

**Panel:** 8" x 2'-6" x 3/16" thk. white translucent polycarbonate  
**Message:** Stencil cut lettering from Dark Brown opaque 3M vinyl applied to first surface with full coverage to match color #1 symbol color to match color #3 (see page 2.13)  
**Illumination:** Yes





Sign Type 306



Sign Type 307



Alternate single sign cabinet layout

Typical Directional Garage Sign

5.4

Description:

1 line 1 message sign face

Suspended and mounted on cement beams to provide a one direction with one message. This sign may be used in side by side with other 15" high sign cabinets, with a 1/2" integral reveal. Each message will line up behind one directional arrow. All garage arrows shall indicate a straight ahead direction with an arrow pointing upwards and NOT downwards.

**Panel:** (2) 15" x 4'-1/2" x 1/8" thk. translucent white polycarbonate panel,  
**Message:** Opaque matte, dark bronze vinyl with stencil cut lettering applied to first surface, color #1. (see page 2.13)

**Illumination:** Yes

Typical Directional Garage Sign

Description:

1 line 1-2 message sign face

Suspended and mounted on cement beams to provide a multiple directions with multiple messages. The overall size of this sign is comprised of two 6'-1/2" separated with a 1/2" integral reveal. These sign sizes along with the message dimensions may be used individually where needed. Each message will line up behind one directional arrow. All garage arrows shall indicate a straight ahead direction with an arrow pointing upwards and NOT downwards.

**Panel:** 15" x 12'-1 1/2" (6'-1/2" individule cabinet) x 1/8" 1/8" thk. translucent white polycarbonate panel,

**Message:** Opaque matte, dark bronze vinyl with stencil cut lettering applied to first surface, color #1. (see page 2.13)

**Illumination:** Yes

City of Phoenix

Phoenix Sky Harbor International Airport

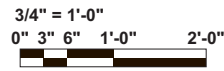
Typical Directional Garage Sign 5.5



**Description:**  
**1 line 1 message sign face**  
 Suspended and mounted on cement beams to provide one direction with one message. Each message will line up behind one "floor number" symbol and directional arrow. All garage arrows shall indicate a straight ahead direction with an arrow pointing upwards and NOT downwards.

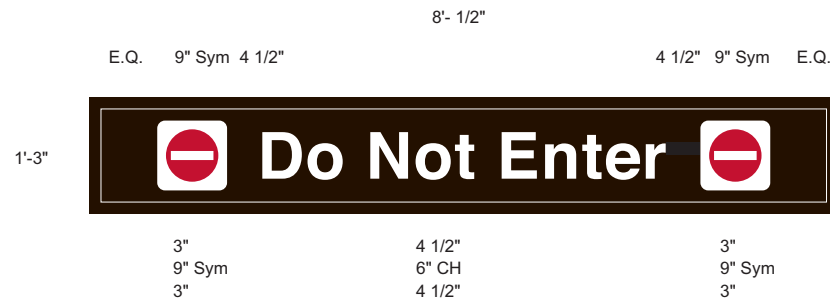
**Panel:** 15" x 10'-0" x 1/8" thk. translucent white polycarbonate panel,  
**Message:** Opaque matte, dark bronze vinyl with stencil cut lettering applied to first surface, color #1. Symbol colors (see page 2.13)

**Illumination:** Yes



Sign Type 308

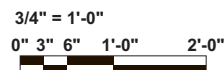
Typical "Do Not Enter" Garage Sign



**Description:**  
**1 line 1-2 message sign face**  
 Suspended and mounted on cement beams to provide a multiple directions with multiple messages. This sign size should only be used for the "Do Not Enter" signs, see sign types 306, 307 and 308 for directional sign sizes.

**Panel:** 15" x 8'-1/2" x 1/8" thk. translucent white polycarbonate panel,  
**Message:** Opaque matte, dark bronze vinyl with stencil cut lettering applied to first surface, color #1. (see page 2.13)

**Illumination:** Yes



Sign Type 309

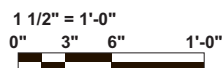
T2 Directional Garage Sign	5.6
----------------------------	-----

**Description:**  
**(Terminal 3 Garage ONLY)**  
**1 line 1-2 message sign face**  
 Used in Garage on cement beams to provide a multiple directions with multiple messages. Each message will line up behind one directional arrow. (These are existing signs in terminal 2 and when replaced should be updated to sign types 306-307) All garage arrows shall indicate a straight ahead direction with an arrow pointing upwards and NOT downwards.

**Panel:** 10" ht x 7' 1 1/2" stencil cut break formed aluminum panel painted to match color #1. (see page 2.13)

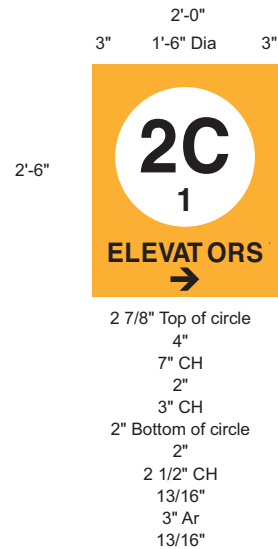
**Message:** 1/8" thk. translucent white acrylic

**Illumination:** Yes



Sign Type 310

T3 Garage level/Row Sign	5.7
--------------------------	-----



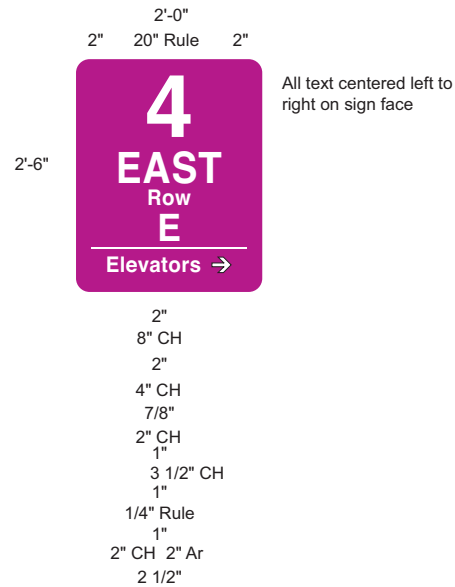
Sign Type 311

**Description:**  
**5 line non directional sign face**  
 Single sided sign used to indicate floor level and rows typically mounted on columns. Each sign background is color coded to the corresponding level.

**Panel:** 2'-6" ht x 2'-0" x 1/8" thk. aluminum panel painted to match floor color. (see page #2.13)

**Message:** 3M Scotchlite reflective graphic vinyl applied to first surface, color to match white 3M #5000, black text to match 3M 680-10

**Illumination:** No



Sign Type 312

T4 Garage level /Row Sign
---------------------------

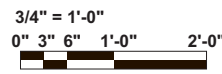
**Description:**  
**5 line directional sign face**  
 Single sided sign used to indicate floor level and rows typically mounted on columns. Each sign background is color coded to the corresponding level.

**Panel:** 2'-6" ht x 2'-0" x 3/16" thk. polycarbonate painted to match floor color.(see page #2.13)

**Message:** 3M Scotchlite reflective graphic vinyl applied to first surface, color to match white 3M #5000

**Illumination:** No

**Primary level Identity Sign** **5.8**



Sign Type 313

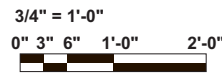
**Description:**  
**4 line non directional sign face**  
 Single sided wall mounted sign used to indicate floor level and area (East/West). Each sign background is color coded to the corresponding level.

**Panel:** 4'-0" ht x 4'-0" x 3/32" thk. aluminum panel painted to match floor color. (see page #2.13)

**Message:** 3M Scotchlite reflective graphic vinyl applied to first surface, color to match white 3M #5000

**Illumination:** No

**Secondary level Identity Sign**



Sign Type 314

**Description:**  
**5 line non directional sign face**  
 Single sided wall mounted sign used to indicate floor level and area (East/West). Each sign background is color coded to the corresponding level.

**Panel:** 2'-6" ht x 2'-0" x 1/8" thk. aluminum panel painted to match floor color. (see page #2.13)

**Message:** 3M Scotchlite reflective graphic vinyl applied to first surface, color to match color #1 see page 2.13)

**Illumination:** No

# Roadway Sign Standards

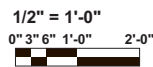
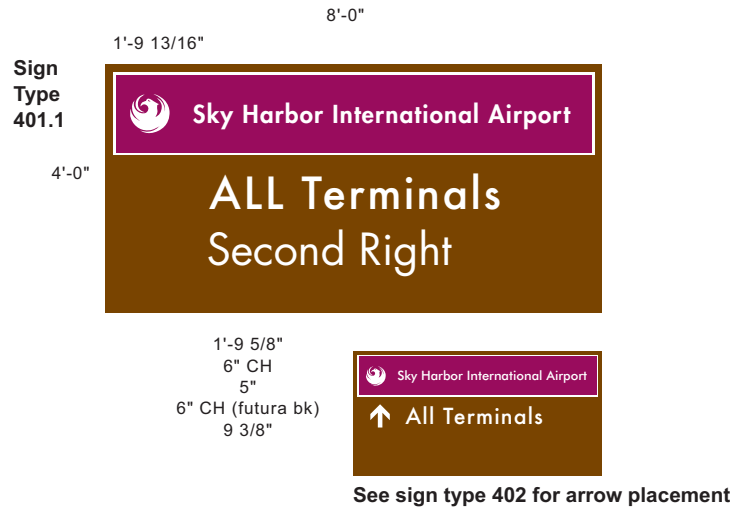
**(Messages are for layout purposes ONLY  
and do not reflect the final sign message)**



City of Phoenix

Phoenix  
Sky Harbor  
International  
Airport

**Post and Panel Roadway Sign** **6.1**



**Description:**

**1 line, 1 -3 message sign face**

Used on a single faced low mounted post and panel structure to provide 1 - 2 directional messages with a "message specific" direction.

The international symbols have been removed from the post and panel signs ONLY, as newer signs located around the roadway have been installed with either a reduced number of symbols or with the complete elimination of symbols.

All directional text shall be arranged flush toward the roadway (excluding header panel). Note the change in font thickness to highlight the difference between the directional message and the direction to use. The "direction specific" message shall always be located on the bottom line of the sign. Where an arrow is necessary, one arrow shall be permitted on the sign face. See sign type 402 for arrow placement information.

The color sign header may be removed from the sign panel to allow for an additional line of text to be added 5" above the top line.

**Panel:** 4'-0" to 4'-6" ht x 8'-0" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color ).

**Header Panel:** See page 2.24 for typical layout.

**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band (see page 2.13 for color documentation).

**Illumination:** No



**Post and Panel Roadway Sign** **6.2**

Sign Type 402.1

9'-0"

7 13/16" Ar  
6" 6"

4'-6"

20 1/8" 1'-9 5/8"  
9" Ar 6" CH  
24 7/8" 5"  
6" CH  
5"  
6" CH  
4 3/8" CH

One Line

Two Lines

Sign Type 402.2

9'-0"

6" 7 13/16" Ar 6"  
5 13/32" 9" Ar 5 13/32"

4'-6"

20 1/8" 1'-9 5/8"  
9" Ar 6" CH  
13 1/2" 5"  
7 13/16" Ar 6" CH  
3 15/32" 5"  
6" CH  
4 3/8" CH

Two directions

Two directions three messages

Sign Type 402.3

9'-0"

1 1/2" 8'-9" Rule 1 1/2"

6" 7 13/16" Ar 6" 5 13/32" 9" Ar 5 13/32"

4'-6"

20 1/8" 1'-9 5/8" 42 5/8"  
9" Ar 6" CH 7 13/16" Ar  
24 7/8" 7 3/4" 3 15/32"  
1/2" Rule  
7 3/4"  
6" CH  
4 3/8" CH

Sign Type 402.4

9'-0"

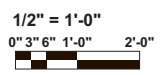
6 7/8" Ar 6 15/32" 6 15/32"

4'-6"

21 1/8" 1'-9 5/8"  
6 7/8" Ar 6" CH  
26" 5"  
6" CH  
5"  
6" CH  
4 3/8" CH

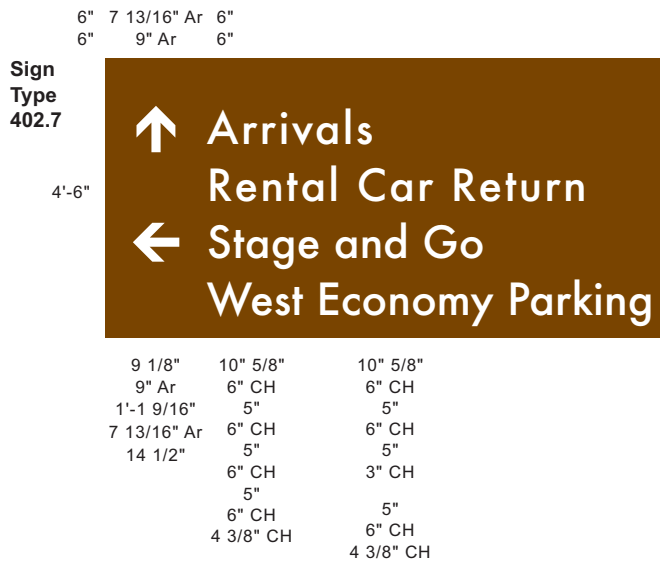
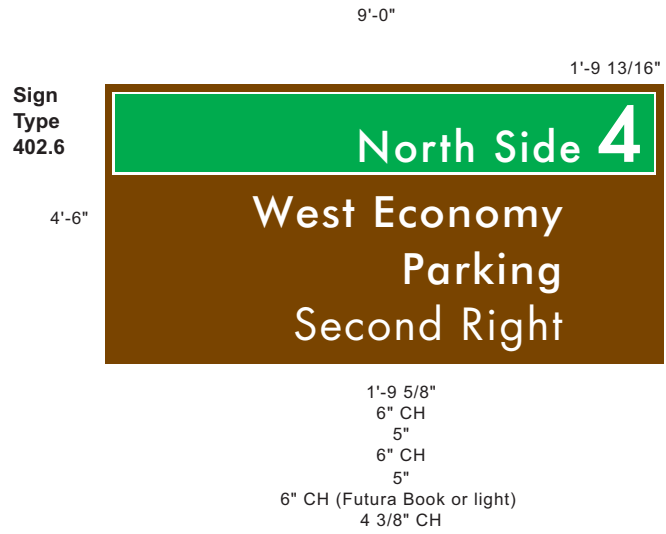
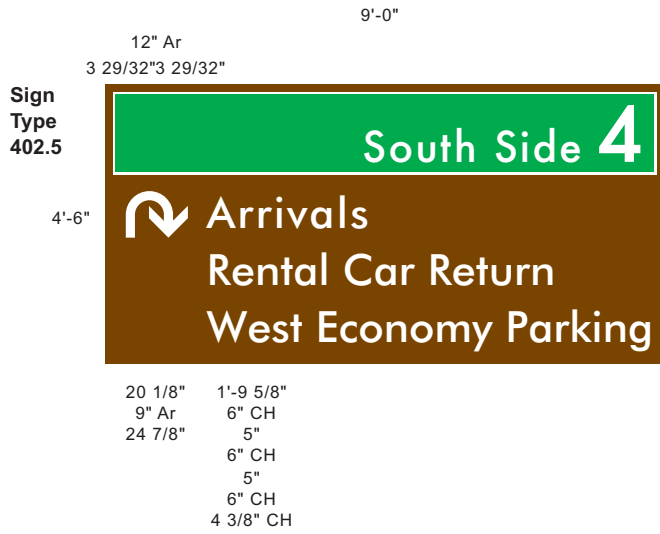
**Description:**  
**1 line, 3 message sign face**  
 Single faced sign used on a low mounted post and panel structure to provide 1 - 3 directional messages. Each sign may allow up to 2 directional arrows. The international symbols have been removed from the post and panel signs ONLY, as newer signs located around the roadway have been installed with either a reduced number of symbols or with the complete elimination of symbols.  
 All directional text shall be aligned flush toward the roadway (excluding header panel). Where a directional message indicates the opposite direction (pointing away from the road, as on ST 402.3), the arrow shall be moved to the opposite side of the sign and the message will line up 6" behind the directional arrow. (Arrows SHALL NOT be permitted to point directly towards message.)  
 All straight-ahead arrows shall be placed on the top line of the sign face, followed beneath by any 45° arrow used and/or left or right arrows. All arrows are centered top to bottom on the cap height.  
 Where directional messages are to appear on either side of the sign face due to directional information, ONLY two lines of text shall be permitted. See sign type 403 for increased sign sizes which will accommodate more messages. Messages shall be arranged in order from top line to bottom line. Where two opposite directions are indicated, a horizontal rule should be used to separate the messages (ST-402.3).

**Panel:** 4'-0" ht x 9'-0" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color ).  
**Header Panel:** See page 2.24 for typical layout.  
**Graphic Rule: (opposite directions only)**  
 1/2" ht x 8'-9" white rule to match text materials  
**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band (see page 2.13 for color documentation).  
**Illumination:** No

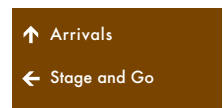




**Post and Panel Roadway Sign** **6.3**



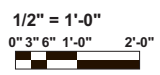
**Three messages**



**Two Messages**



**Opposite direction**



**Sign Type 402**

**Description:**  
**3-4 line, 3-4 message sign face**  
 Single faced sign used on a low mounted post and panel structure to provide 1 - 4 directional messages.  
 The international symbols have been removed from the post and panel signs ONLY, as newer signs located around the roadway have been installed with either a reduced number of symbols or the complete elimination of symbols.

All directional text shall be arranged flush toward the roadway (excluding header panel). Where turn-around arrows are needed (ST-402.5), the arrow shall be located flush towards the roadway indicating the turn direction, with the message(s) lined up behind the arrow in the typical position.

Where an arrow does not allow for a clear direction, additional "direction specific" text may be used as a replacement for a directional arrow. Note the change in font thickness to highlight the difference between the directional message and the direction to use. The "direction specific" message shall always be located on the bottom line of the sign, flush with the text above.

The color sign header may be removed from the sign panel. One additional line of text may be added 5" above the top line (ST-402.7). A second directional arrow may be added to the 3rd line if needed.

**Panel:** 4-6" ht x 9'-0" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color).

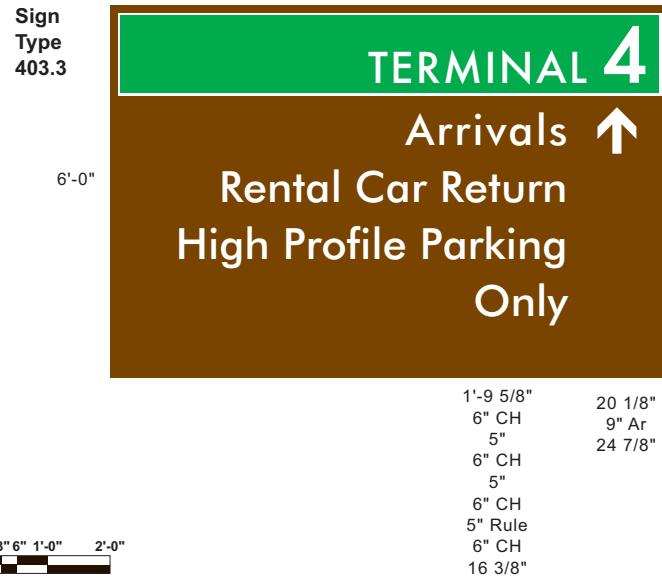
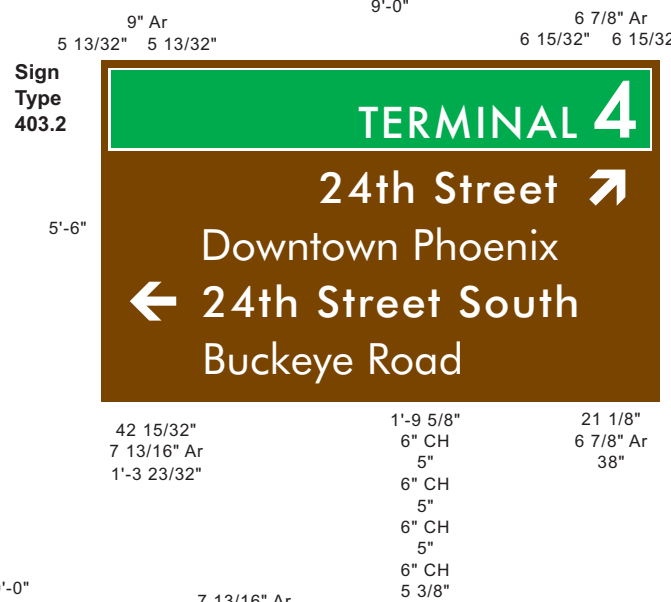
**Header Panel:** See page 2.24 for typical layout.

**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band (see page 2.13 for color documentation).

**Illumination:** No



**Post and Panel Roadway Sign** **6.4**



**Description:**  
**4 line, 2-4 message sign face**  
 Single faced sign used on a low mounted post and panel structure to provide for 1 - 4 directional messages. Each sign may allow up to 2 directional arrows. The international symbols have been removed from the post and panel signs ONLY, as newer signs located around the roadway have been installed with either a reduced number of symbols or the complete elimination of symbols. All directional text shall be arranged flush toward the roadway (excluding header panel). All straight-ahead arrows shall be placed on the top line of the sign face. Any secondary arrows needed shall be placed no higher than on third line down. All arrows shall be centered top to bottom on the adjacent line cap height. Where a directional message indicates the opposite direction (pointing away from the road, as on ST-403.1,2), the arrow shall be moved to the opposite side of the sign and the message will line up 6" behind the directional arrow. (Arrows SHALL NOT be allowed to point directly at a message.) Where two directions are indicated with only three messages, a horizontal rule should be used to separate the messages (ST-403.1). Messages shall be arranged in order from top to bottom. One message sign text shall be located on the first line. Two messages shall be located on the first and second, and subsequently, the third message on the third and fourth line down.

**Panel:** 5'-6" to 6'-0" ht x 9'-0" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color ).

**Header Panel:** See page 2.24 for typical layout.

**Graphic Rule: (opposite directions only)**  
 1/2" ht x 8'-9" white rule to match text materials

**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band (see page 2.13 for color documentation).

**Illumination:** No

Overhead Roadway Info Sign 6.5

**Description:**  
**1 line, 1 message sign face**  
 Single sided sign face mounted on cantilever or over roadway structure. This sign type is used to indicate directional messages with "direction specific" text as a replacement for arrow use. No arrows shall be permitted on this sign type. For arrow use on overhead roadway signs, see page 6.6.

All "direction specific" information e.g., "Right Lanes" or "Left Lanes", shall be located in the bottom graphic zone on the sign band to adhere to the consistent placement of directional information.

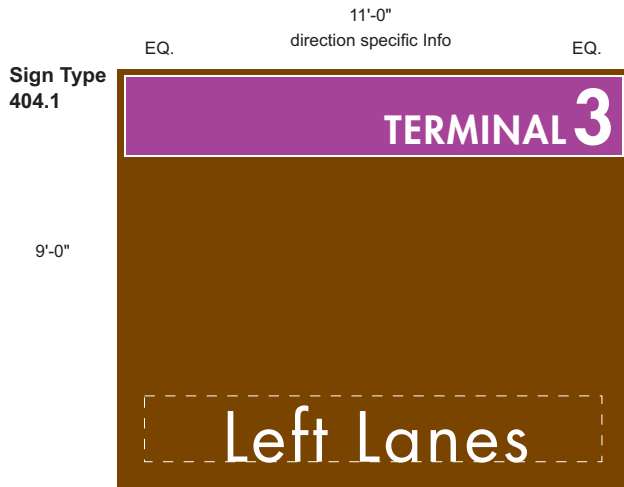
All directional messages and symbols shall be flush to right or left side of the sign depending on the "direction specific" information. In the adjacent example, the "Left Lanes" message is flush left, horizontally aligned with the directional messages above.

**Panel:** 9'-0" ht x 11'-0" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color ).

**Header Panel:** See page 2.25 for typical layout.

**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band. Background color painted to match color # 17 (see page 2.13 for color documentation).

**Illumination:** Yes (Externally illuminated)



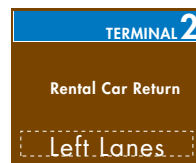
7'-4 1/8"  
 13" CH  
 6 7/8"

Note: Dashed line used to show location of "direction specific" information. DO NOT USE as graphic element on sign.

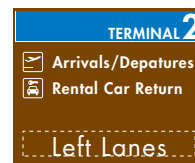


EQ. direction specific Info EQ.  
 13 1/4" Sym  
 6 7/8" 6 7/8"

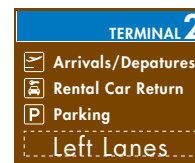
29 7/8" 32 1/2"  
 13 1/4" Sym. 8" CH  
 4 3/4" 10"  
 13 1/4" Sym. 8" CH  
 4 3/4" 10"  
 13 1/4" Sym. 8" CH  
 28 7/8" 11 7/8"  
 13" CH (futura book bk)  
 6 7/8" CH



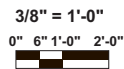
One Line



Two Lines



Three Lines



Overhead Roadway Sign 6.6

11'-0"

13 1/4" Ar  
13 1/4" Sym  
6 7/8" 6 7/8"

Sign Type 404.3

9'-0"

29 7/8"	32 1/2"
13 1/4" Sym.	8" CH
4 3/4"	10"
13 1/4" Sym.	8" CH
4 3/4"	10"
13 1/4" Sym.	8" CH
8 3/4"	31 1/2"
1'-1 1/4" Sym.	
6 7/8"	

11'-0"

4-10 15/16" 1'-2 1/8" Ar 4-10 15/16"

13 1/4" Sym  
6 7/8" 6 7/8"

Sign Type 404.4

9'-0"

29 7/8"	32 1/2"	7'-1/8"
13 1/4" Sym.	8" CH	17" Ar.
4 3/4"	10"	6 7/8"
13 1/4" Sym.	8" CH	
4 3/4"	10"	
13 1/4" Sym.	8" CH	
28 7/8"	31 1/2"	

Note: Where "Arrivals" and "Departures" are used on the same line, the international symbol used shall be generic. (See page 2.4)

**Description:**  
**3 line, 1-4 message sign face**  
 Single sided sign face mounted on cantilever or over-roadway structure. This sign type is used to indicate directional lane information. Each sign face shall be permitted only one directional arrow. The arrow location (left to right) shall be determined by the lane(s) above which the sign is located. Straight-ahead arrows shall be located in the center with text flush left. Where arrows indicate a left direction, the text shall also be flush left. Where arrows indicate a right direction, the text shall be flush right. All arrows must remain within the "direction specific" graphic area indicated with a dashed line. The text in the color band shall always remain flush right. All arrows should indicate or point towards a lane and shall not be permitted to point upwards.

Messages shall not be arranged in order from top line to bottom line. The first message shall be located on the second line. Two messages shall be located on the first and second and subsequently the third message on the third line down.

**Panel:** 9'-0" ht x 11'-0" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color).

**Header Panel:** See page 2.25 for typical layout.

**Graphic Rule: (opposite directions only)** 1/2" ht x 8'-9" white rule to match text materials

**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band (see page 2.13 for color documentation).

**Illumination:** Yes (Externally illuminated)



Flush Right Text



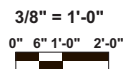
One Line



Two Lines

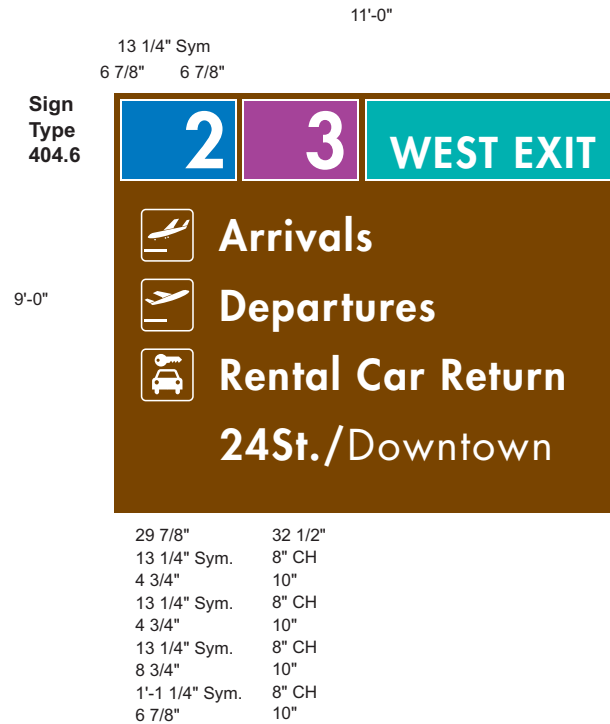
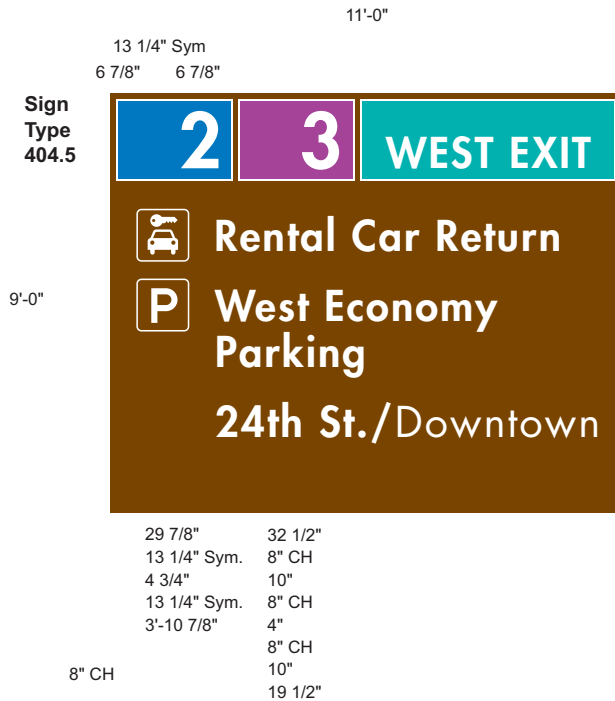


Three Lines



Note: Dashed line used to show location of "direction specific" information. DO NOT USE as graphic element on sign.

Overhead Roadway Sign 6.7



**Description:**  
**4 line, 4 (min) - 5 message sign face**  
 Single sided sign face mounted on cantilever or over-roadway structure. This sign is intended for informational use only; no directional arrows or messages shall be placed on this sign.

Where messages do not have a corresponding international symbol, the message should be placed on the bottom line of the sign regardless of message priority, for consistency in message placement and visual conformity. Messages shall not be arranged in order from top line to bottom line.

The first message shall be located on the second line. Two messages shall be located on the first and second and subsequently the third and fourth message on the third and fourth line down.

All symbols and messages on this sign type shall remain flush left.

**Panel:** 9'-0" ht x 11'-0" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color).

**Header Panel:** See page 2.25 for typical layout.

**Graphic Rule: (opposite directions only)** 1/2" ht x 8'-9" white rule to match text materials

**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band (see page 2.13 for color documentation).

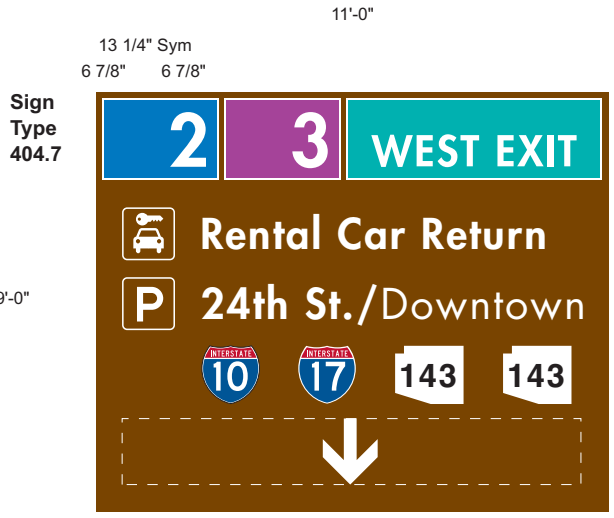
**Illumination:** Yes (Externally illuminated)



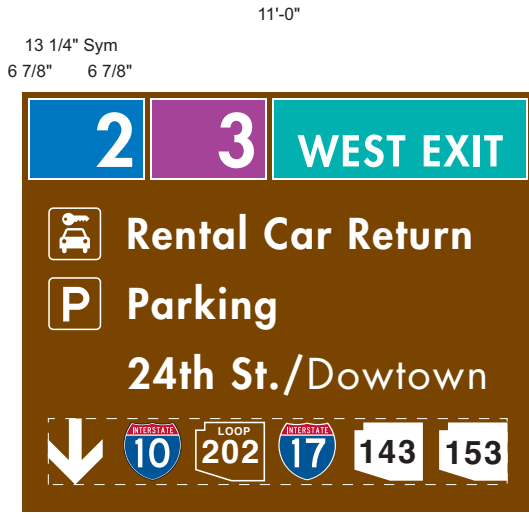
Phoenix Sky Harbor International Airport



Overhead Roadway Sign 6.8



Sign Type 404.7



Sign Type 404.8

**Description:**  
**3 line, 3-4 message sign face**  
 Single sided sign face mounted on cantilever or over-roadway structure. This sign type is used to indicate directional lane information as well as roadway symbols. Each sign face shall only contain one arrow. The arrow location (left to right) shall be determined by the lane(s) above which the sign is located. Any straight-ahead arrow shall be located flush left or flush right as the text is aligned with the roadway. This sign type shall allow for the placement of an off-center straight-ahead arrow. Where arrows indicate a left direction, the symbols and text shall also be flush left. Where arrows indicate a right direction, the symbols and text shall be flush right. All arrows and roadway specific symbols must remain within the "direction specific" box, indicated with a dashed line on a 3-directional message sign face. Where fewer than 3 lines of directional text appear, the symbols may be relocated onto the third line ONLY to allow for a straight-ahead arrow. See page 6.6 for directional message positioning. All arrows should indicate or point towards a lane and shall not be permitted to point upward or towards a message. Any messages which do not have a related symbol shall be located on the bottom line. **Panel:** 9'-0" ht x 11'-0" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color). **Header Panel:** See page 2.25 for typical layout. **Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band (see page 2.13 for color documentation). **Illumination:** Yes (Externally illuminated)

- 29 7/8"
- 13 1/4" Sym.
- 4 3/4"
- 13 1/4" Sym.
- 3 7/8"
- 15" Sym. (Roadway)
- 28"

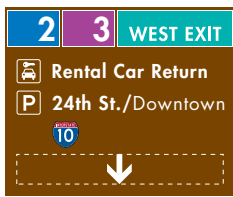
- 32 1/2"
- 8" CH
- 10"
- 8" CH
- 25 5/8"
- 17" Ar.
- 6 7/8"

Note: Roadway symbols may be used on the third line where a straight ahead arrow is needed, space permitting. For all other arrow directions, the symbols should be located in the graphic area. The first symbol shall be aligned with the first character of the directional messages; the following symbols shall be spaced 10" apart. When more than 4 symbols are used, the space between symbols shall be equal.

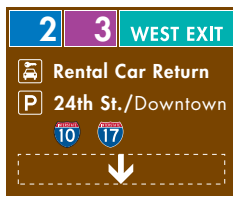
- 29 7/8"
- 13 1/4" Sym.
- 4 3/4"
- 13 1/4" Sym.
- 23"
- 1'-5" Ar.
- 6 7/8"

- 32 1/2"
- 8" CH
- 10"
- 8" CH
- 10"
- 8" CH
- 8 5/8"
- 15" Roadway symbol ht.
- 7 7/8"

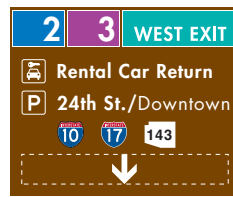
Note: Roadway symbols equally spaced to fit within graphic zone (17" x 9'-10 1/4"). First symbol aligns with text. DO NOT USE dashed line as graphic element on sign.



One symbol



Two symbols



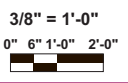
Three symbols



Four symbols, One message, Left turn



Two messages Three symbols Right-most lane or turning lane



Note: Dashed line used to show location of "direction specific" information. DO NOT USE as graphic element on sign.

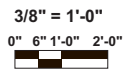
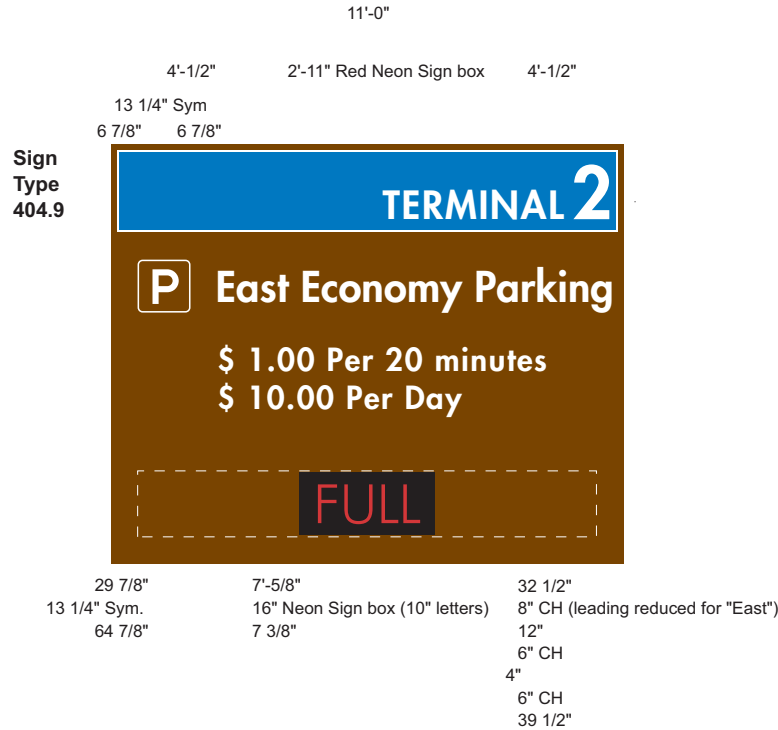
Overhead Roadway Sign 6.9

**Description:**  
**3 line, 3 message sign face**  
 Single sided sign face mounted on cantilever or over-roadway structure. This sign type is for parking information and rates. The sign box attached to the sign panel is an internally illuminated neon sign. No other messages symbols or arrows shall be placed in this sign.

The sign box shall be located inside the graphic area.  
**Panel:** 9'-0" ht x 11'-0" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color).

**Header Panel:** See page 2.25 for typical layout.  
**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band (see page 2.13 for color documentation).

**Illumination:** Yes (Externally illuminated)



Overhead Roadway Sign 6.10

**Description:**  
**6 line, 1-12 airline message sign face**  
 Single sided sign face mounted on cantilever or over-roadway structure. This sign type is used to indicate the airlines located in each terminal.  
 Each sign shall contain only one arrow. The arrow location (left to right) shall be determined by the lane(s) above which the sign is located. Any straight-ahead arrow shall be located in the center with the text flush left. Where arrows indicate a left direction, the text shall also be flush left. Where arrows indicate a right direction, the text shall be flush right. All arrows must remain within the "direction specific" box, indicated with a dashed line. The text in the color band shall always remain flush right. Messages shall be arranged in alphabetical order from top to bottom in the first column. When the first column is full, the second column may then be used.

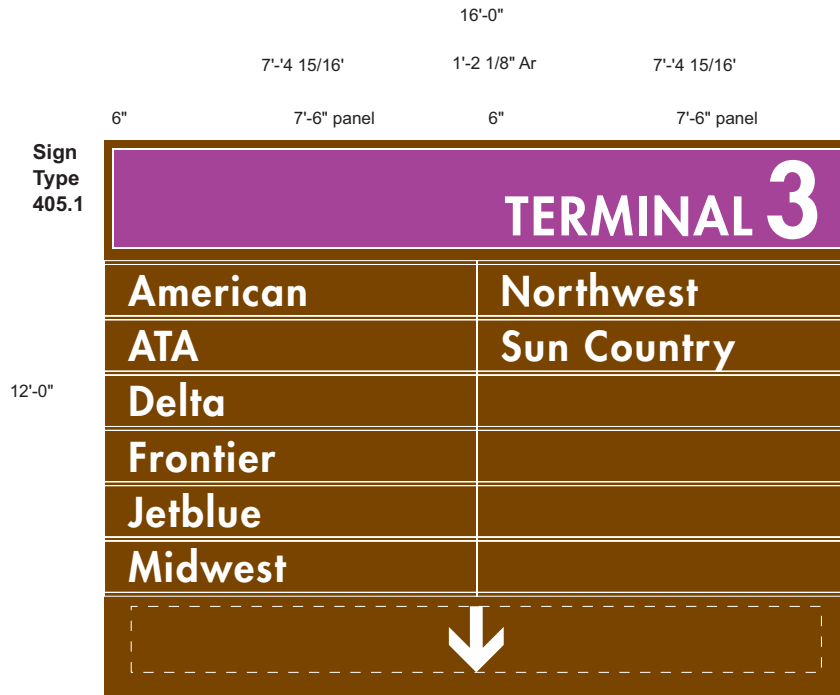
**Panel:** 12'-0" ht x 16'-0" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color).

**Header Panel:** See page 2.25 for typical layout.

**Slat panel:** 14" ht. x 8'-0" graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band. text to be white (see page 2.13 for color documentation).

**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band (see page 2.13 for color documentation).

**Illumination:** Yes (Externally illuminated)



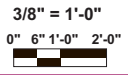
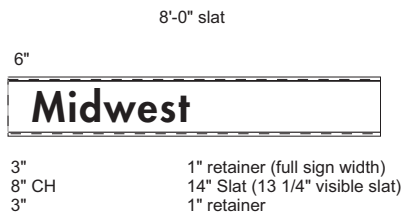
16'-0"  
 7'-4 15/16' 1'-2 1/8" Ar 7'-4 15/16'  
 6" 7'-6" panel 6" 7'-6" panel

Sign Type 405.1

12'-0"

- |              |           |
|--------------|-----------|
| 2"           | 2"        |
| 2'-2"        | 2'-2"     |
| 3 1/4"       | 7"        |
| 1"           | 8" CH     |
| 13 1/4" slat | 6 1/4"    |
| 1"           | 8" CH     |
| 13 1/4" slat | 6 1/4"    |
| 1"           | 8" CH     |
| 13 1/4" slat | 4'-0 1/4" |
| 1"           | 17" AR    |
| 13 1/4" slat | 2 1/4"    |
| 1"           |           |
| 13 1/4" slat |           |
| 1"           |           |
| 13 1/4"      |           |
| 1"           |           |
| 26 1/4"      |           |

Note: Dashed line used to show location of "direction specific" information. DO NOT USE as graphic element on sign.





Overhead Roadway Sign 6.11

**Description:**  
**5 line, 1-10 airline message sign face**  
 Single sided sign face mounted on cantilever or over-roadway structure. This sign type is used to indicate the airlines located in each terminal. No arrows shall be permitted on this sign type. For arrow use on overhead roadway signs see sign type 405.1.

All airline information shall be located flush left, regardless of the directional message on the bottom of the sign. The "message specific" direction shall always be located on the center of the sign face for this sign type.

The text in the color band shall always remain flush right. Messages shall be arranged in alphabetical order from top to bottom in the first column. When the first column is full, the second column may then be used.

**Panel:** 16'-0" ht x 10'-0" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color).

**Header Panel:** See page 2.25 for typical layout.

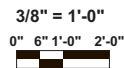
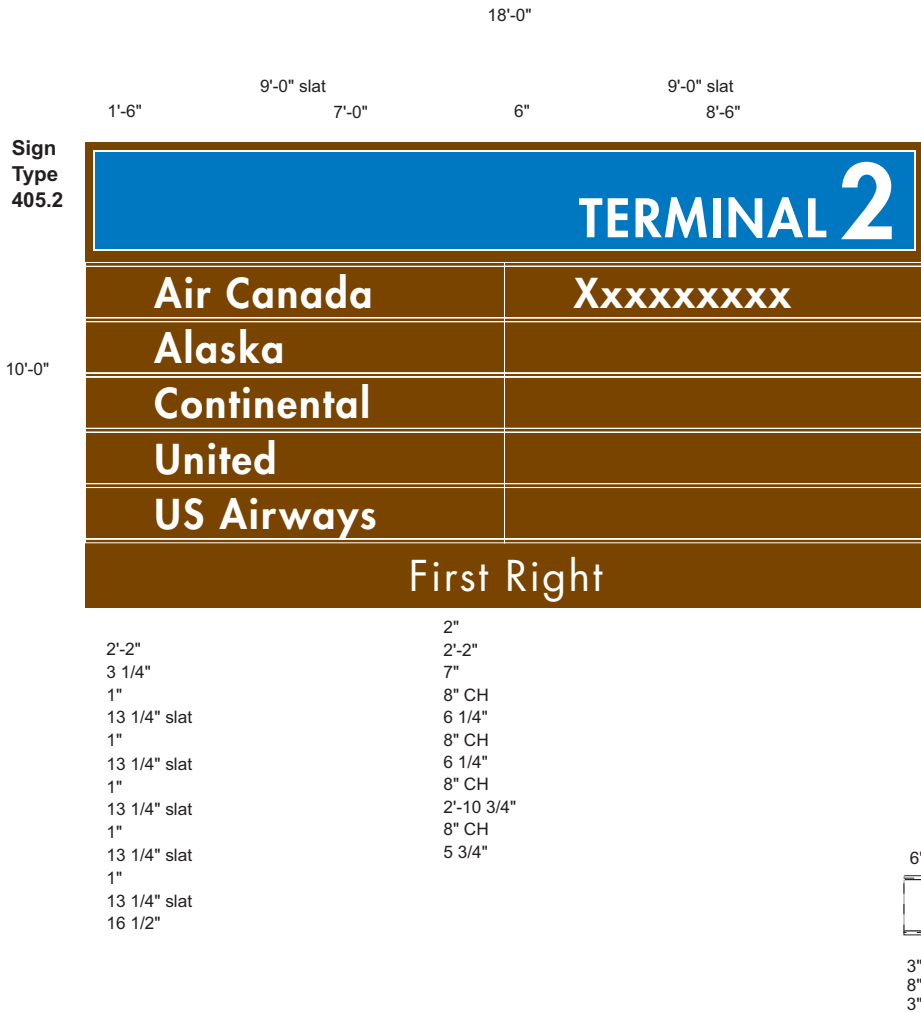
**Slat panel:** 14" ht. x 9'-0" graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band. Text to be white (see page 2.13 for color documentation).

**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band (see page 2.13 for color documentation).

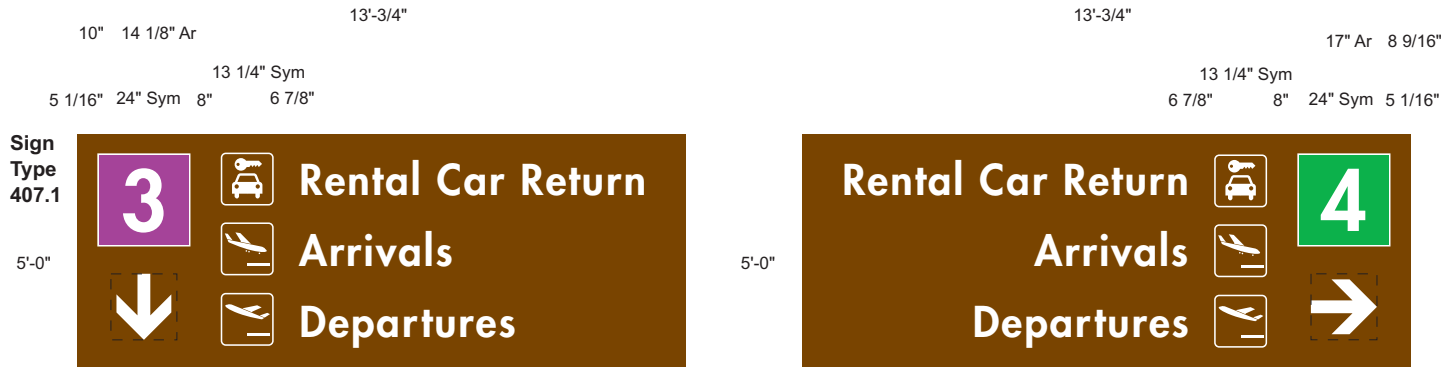
**Illumination:** Yes (Externally illuminated)



Phoenix Sky Harbor International Airport



**Suspended Roadway Sign** **6.12**



**Description:**  
**3 line, 1-3 message sign face**  
 Single sided sign face mounted suspended above roadway under terminal overhangs. This sign is intended to show the terminal designation as well as additional directional messages. This sign face has been reduced to half the width of the entire sign and is intended to cover or replace the acrylic faces. Each sign face shall be permitted only one directional arrow. The arrow location (left to right) shall be determined by the lane(s) above which the sign is located. Straight-ahead arrows shall be located in flush left or right due to space limitations. Where arrows indicate a left direction, the text shall also be flush left. Where arrows indicate a right direction, the text shall be flush right. All arrows must remain within the "direction specific" graphic area indicated with a dashed line.  
 All arrows should indicate or point towards a lane and shall not be permitted to point upwards. (See page 6.13 for 4 lline, multiple arrow sign)  
 Messages shall not be arranged in order from top line to bottom line. The first message shall be located on the second line. Two messages shall be located on the first and second and subsequently the third message on the third line down.

**Panel:** 5'-0" ht x 13'-3/4" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color ).

**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band. Background color painted to match color # 17 (see page 2.13 for color documentation).

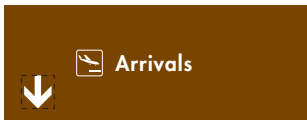
**Illumination:** (original sign internally illuminated) However, any new sign improvement or update should include opaque faces (denoted above) with external illumination.



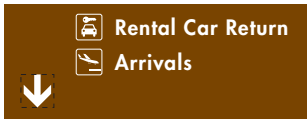
Note: Terminal number symbol centered from left to right on color field

- |           |              |       |
|-----------|--------------|-------|
| 5 1/16"   | 5 1/16"      | 9"    |
| 1/2" Rule | 13 1/4" Sym. | 8" CH |
| 3 1/2"    | 5 1/16"      | 9"    |
| 16" CH.   | 13 1/4" Sym. | 8" CH |
| 3 1/2"    | 5 1/16"      | 9"    |
| 1/2" Rule | 13 1/4" Sym. | 8" CH |
| 5 1/16"   | 5 1/16"      | 9"    |
| 6 31/32"  |              |       |
| 17" Ar    |              |       |
| 6 31/32"  |              |       |

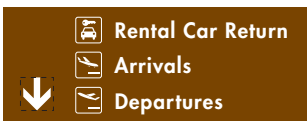
- |       |              |            |
|-------|--------------|------------|
| 9"    | 5 1/16"      | 5 1/16"    |
| 8" CH | 13 1/4" Sym. | 1/2" Rule  |
| 9"    | 5 1/16"      | 3 1/2"     |
| 8" CH | 13 1/4" Sym. | 16" CH.    |
| 9"    | 5 1/16"      | 3 1/2"     |
| 8" CH | 13 1/4" Sym. | 1/2" Rule  |
|       | 5 1/16"      | 5 1/16"    |
|       | 5 1/16"      | 8 13/32"   |
|       |              | 14 1/8" Ar |
|       |              | 8 13/32"   |



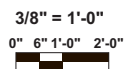
One Line



Two Lines



Three Lines



**Suspended Roadway Sign** **6.13**

Sign Type 407.2



5 1/16" 9"  
 1/2" Rule 8" CH  
 3 1/2" 9"  
 16" CH. 8" CH  
 3 1/2" 9"  
 1/2" Rule 8" CH  
 5 1/16" 9"  
 6 31/32"  
 17" Ar  
 6 31/32"

Sign Type 407.1

10" 14 1/8" Ar  
 13 1/4" Sym  
 5 1/16" 24" Sym 8" 6 7/8"



5'-0"

5 1/16" 9"  
 13 1/4" Sym. 8" CH  
 5 1/16" 9"  
 13 1/4" Sym. 8" CH  
 5 1/16" 9"  
 13 1/4" Sym. 8" CH  
 5 1/16" 9"

**Description:**  
**4 line, 4 message sign face**  
 Single sided sign face mounted on cantilever or over roadway structure. This sign type is used to indicate a maximum of 4 directional messages without symbol use due to spatial limitations.

This sign type only shall be permitted to use two directional arrows where needed. The arrow location (left to right) shall be determined by the lane(s) above which the sign is located. Straight- ahead arrows shall be located in flush left or right due to space limitations . Where arrows indicate a left direction, the text shall also be flush left. Where arrows indicate a right direction, the text shall be flush right. All arrows must remain within the "direction specific" graphic area indicated with a dashed line.  
 All arrows should indicate or point towards a lane and shall not be permitted to point upwards.  
 (See page 6.13 for 4 lline, multiple arrow sign)

Messages shall not be arranged in order from top line to bottom line. The first message shall be located on the second line. Two messages shall be located on the first and second and subsequently the third message on the third line down.

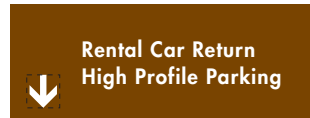
**Panel:** 5'-0" ht x 13'-3/4" x .125" thk. aluminum, back skin with .080" alum pop-riveted to frame. Sign face, returns and backs to be painted to match color #17 (see page 2.13 for color ).

**Message:** Sign face graphic applications to be 3M Scotchlite reflective sheeting high intensity grade white base application film with Scotchlite electronic cuttable film or silkscreen ink to match custom color for sign band. Background color painted to match color # 17 (see page 2.13 for color documentation).

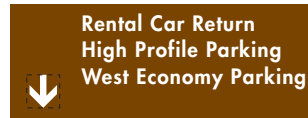
**Illumination:** (original sign internally illuminated) However, any new sign improvement or update should include opaque faces (denoted above) with external illumination.



One Line



Two Lines



Three Lines

