

Downtown Wayfinding Project

Project Update
December 1st, 2014



Downtown Austin
wayfinding
graphics manual
January 17, 2014

★ Prepared for: City of Austin, Texas

Project Phases (original contract)

I

Downtown Wayfinding Analysis and Recommendations Report

Analyze existing conditions, plans, initiatives and interview key stakeholders. From this analysis create a clear and overriding philosophy for Downtown navigation presented in an “Analysis & Recommendations Report” and a “Downtown Wayfinding Master Plan”.

II

Downtown Wayfinding Master Plan

Building upon Phase I and the philosophy developed, create the design and framework for the Downtown Wayfinding System.

III

Downtown Wayfinding Graphics Manual

Using the Downtown Wayfinding Master Plan as the foundation, develop a Graphics Manual that bridges the concept developed for navigation with a focused and legible plan for implementation.

IV

Downtown Wayfinding System Implementation

Using the Downtown Wayfinding Graphics manual as the start, develop phasing, cost estimates and bid documentation to culminate in the installation of the Downtown Wayfinding system.

Project Update

2013

■ **January**

Began development of the Downtown Wayfinding Graphics Manual based on the approved Downtown Wayfinding Master Plan.

■ **February - April**

Continued to develop the Graphics Manual and primary pilot Gateways by meeting with key stakeholders and incorporating feedback. This also included onsite visits to proposed wayfinding locations to determine feasibility of placement.

■ **May - August**

Continued to refine the Graphics Manual and primary Gateways through design development and stakeholder input.

■ **September - November**

Finalized proposed signage locations through field visits, developed temporary event signage and recommendations for the banner program, and implementation and funding priorities.

■ **December**

Amended contract to begin transitioning Graphics Manual to a biddable set of documents consistent with City of Austin ROW standards.

Projected Timeline | January 2014 to Spring 2015

2014

■ **Orientation Map Development**

(Projected Completion – Fall 2014)

During the development of the bid documents the project team will also be developing the “Orientation Base Map”. This map will serve as the background graphic for the entire system and will require a significant amount of internal and external stakeholder input.

■ **Development of Bid Documents – Pedestrian Signage**

(Projected Completion – Fall 2014)

The project team, using the Graphics Manual as a base, will develop bid documents for system implementation.

■ **Bid and Award – Pedestrian Signage**

(Anticipated – Early Spring 2015)

■ **Electronic Parking Signage Solicitation**

(Projected Completion – to be determined)

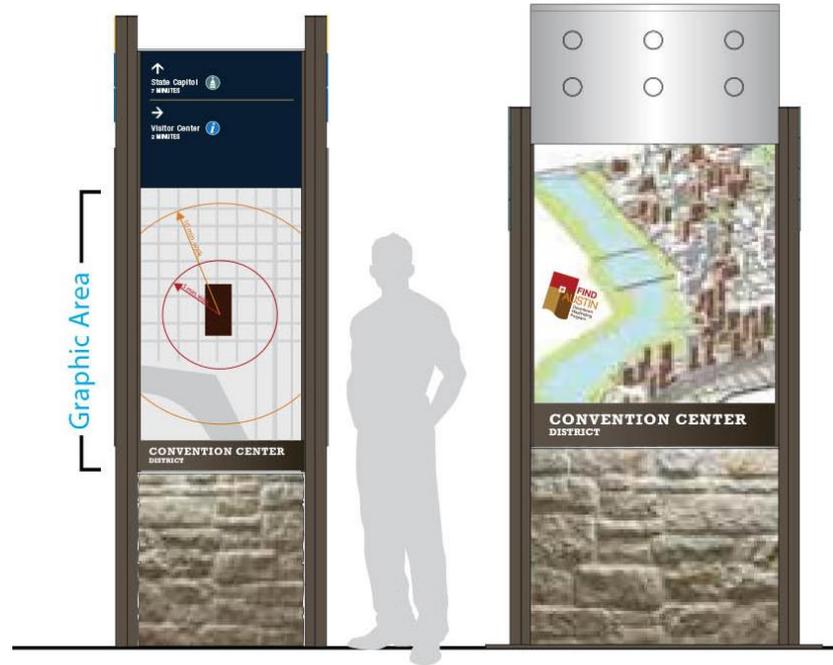
■ **Construction**

(Projected 1st Phase Completion – Mid 2015)



PDIR.3	PDIR.3A	PDIR.6	PDIR.6A	PMAP.1	PMAP.2
Pedestrian Directional	Pedestrian Directional	Pedestrian Directional	Pedestrian Directional	Pedestrian Map	Pedestrian Map
Utility Pole Attachment	NEW POST	Utility Pole	NEW POST	Single-Sided Utility Pole Attachment	Double-Sided 2 Posts
3 messages	3 messages	6 messages	6 messages		

Pedestrian Signage (Directional)



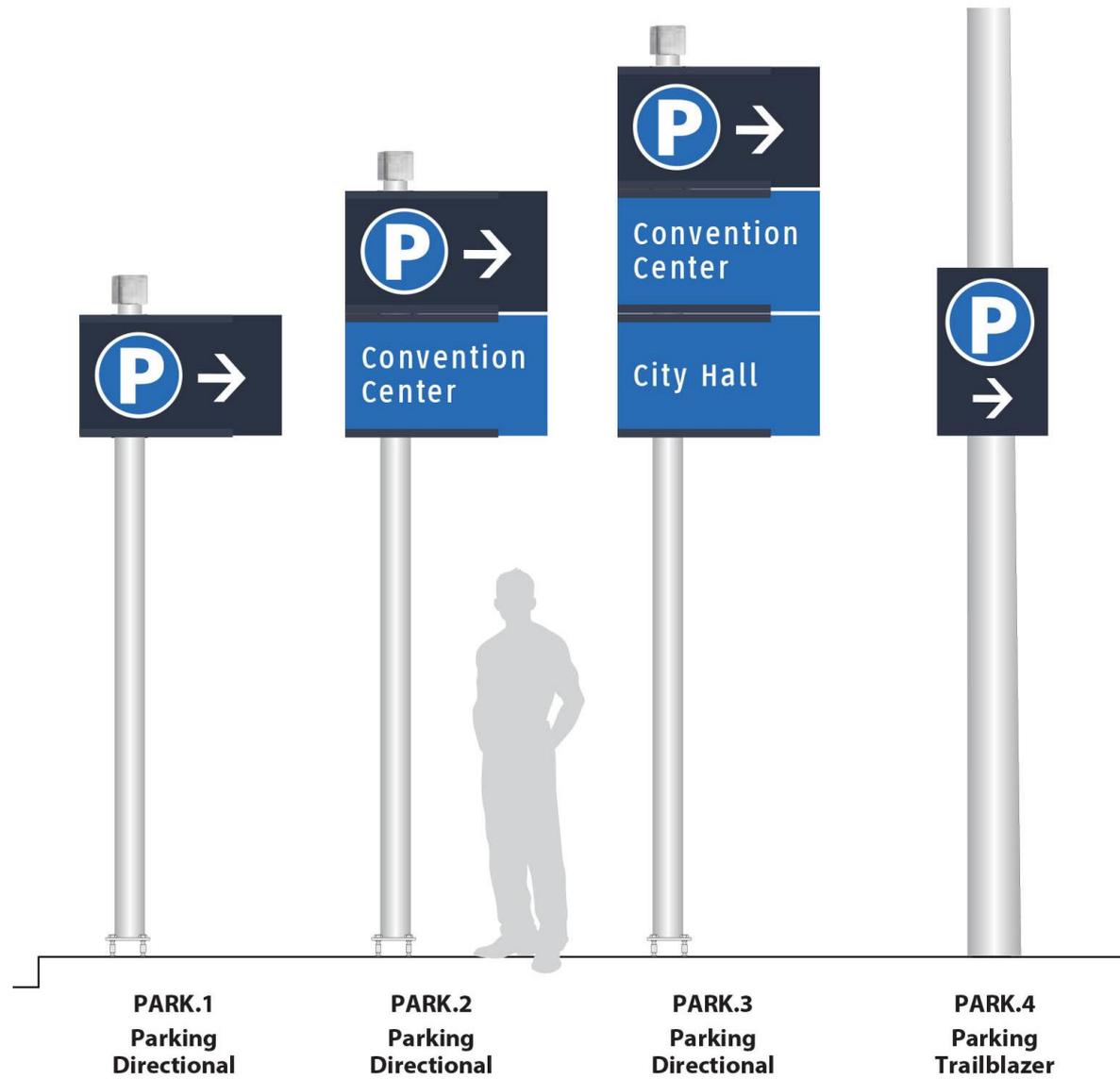
PKIOSK.1
Pedestrian
Directional/Map
 led Double-Sided

PKIOSK.2/3
Pedestrian Kiosk
Static Info
 Single-Sided
 Stone Base

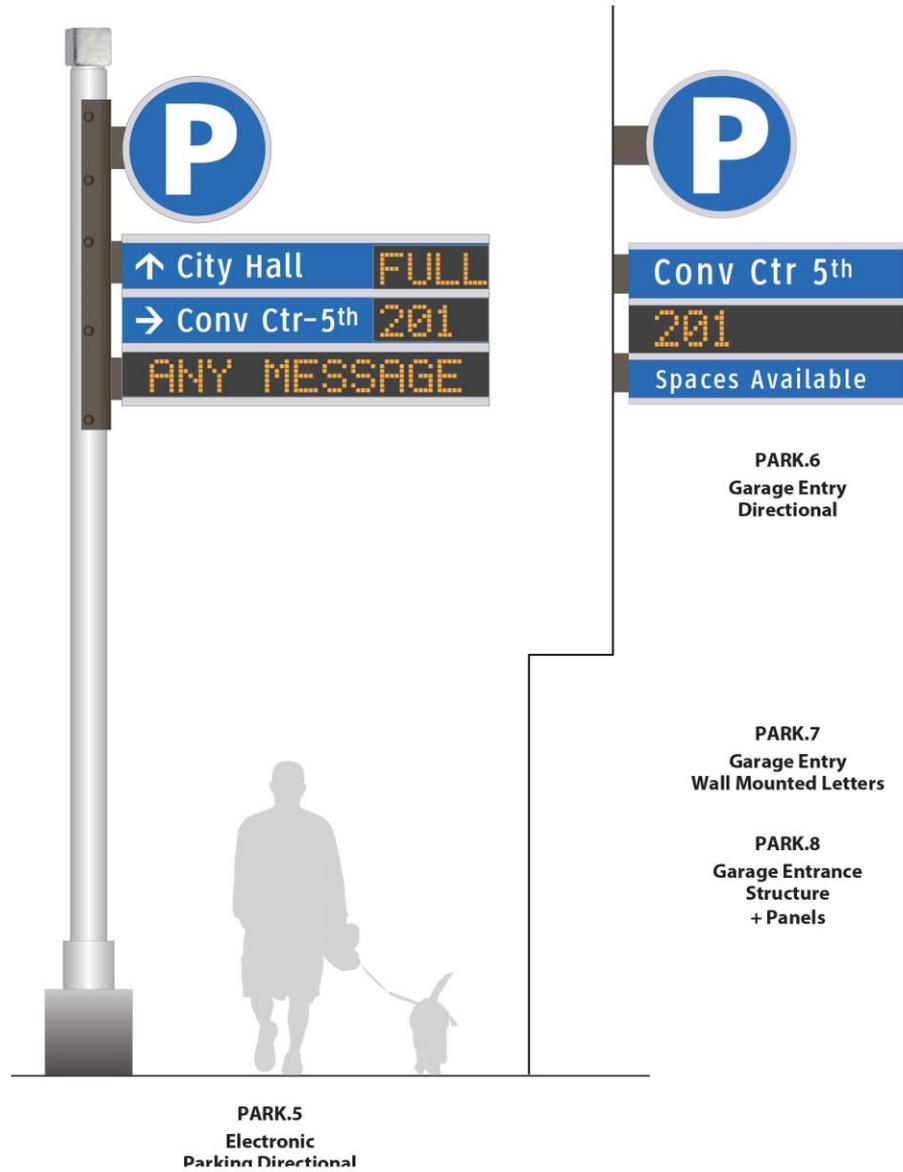
Pedestrian Signage (Informational)



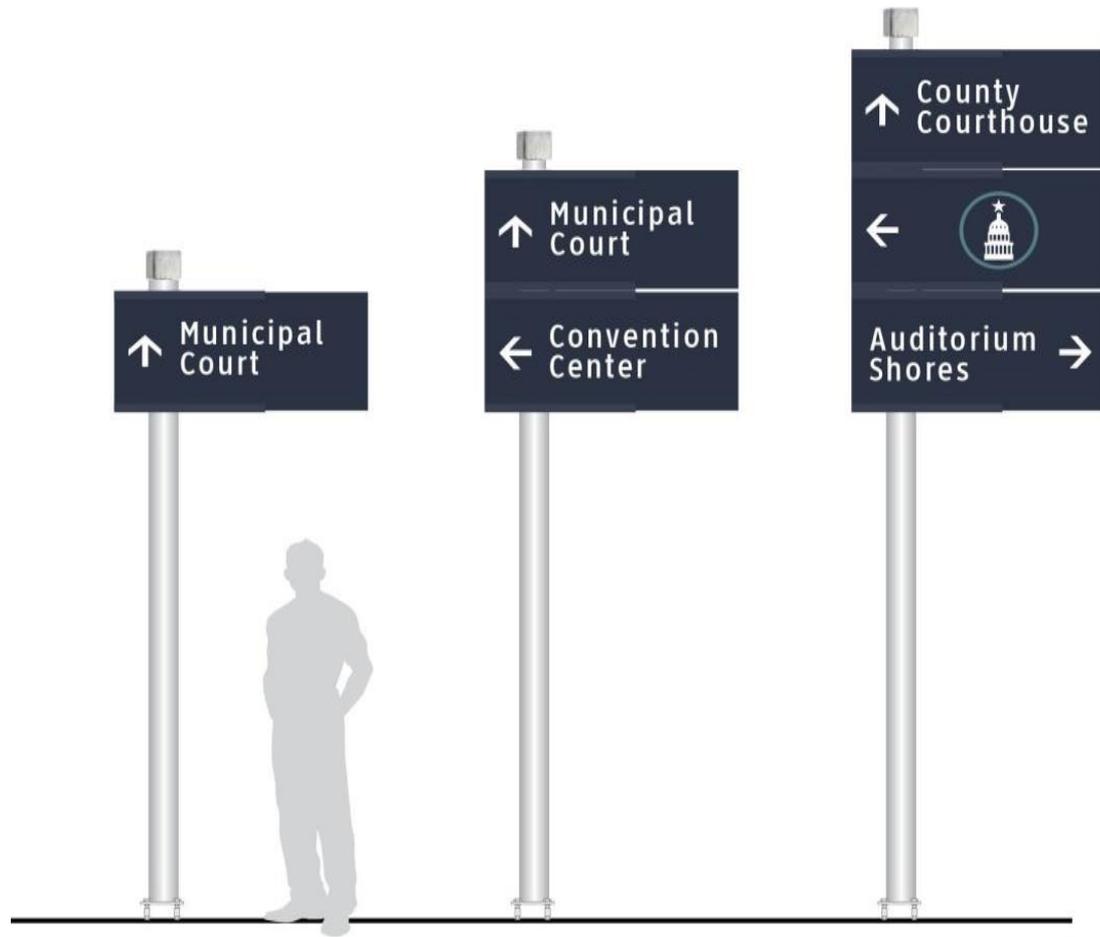
Orientation Map



Parking (Static)



Parking (Dynamic)



VDIR.1
Vehicular
Directional
NEW POST
1 message

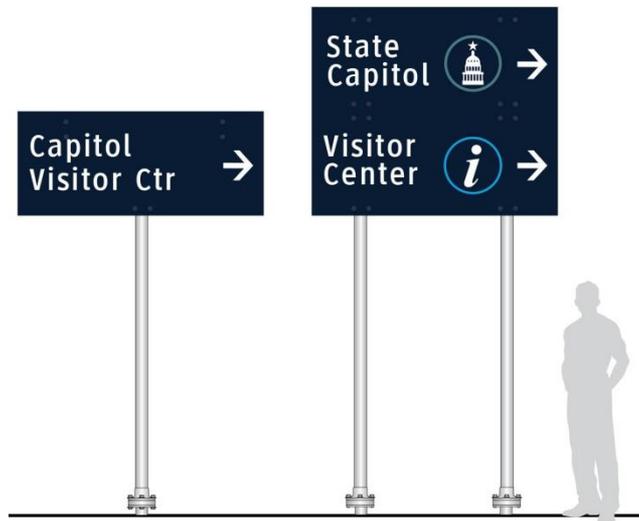
VDIR.2
Vehicular
Directional
NEW POST
2 messages

VDIR.3
Vehicular
Directional
NEW POST
3 messages

Vehicular Signage



VDIR.6
TXDOT Vehicular Directional
NEW POSTS / 3 messages



VDIR.4
TXDOT Vehicular Directional
NEW POST

VDIR.5
TXDOT Vehicular Directional
NEW POSTS

Vehicular Signage (TxDOT)



District Gateway Signage



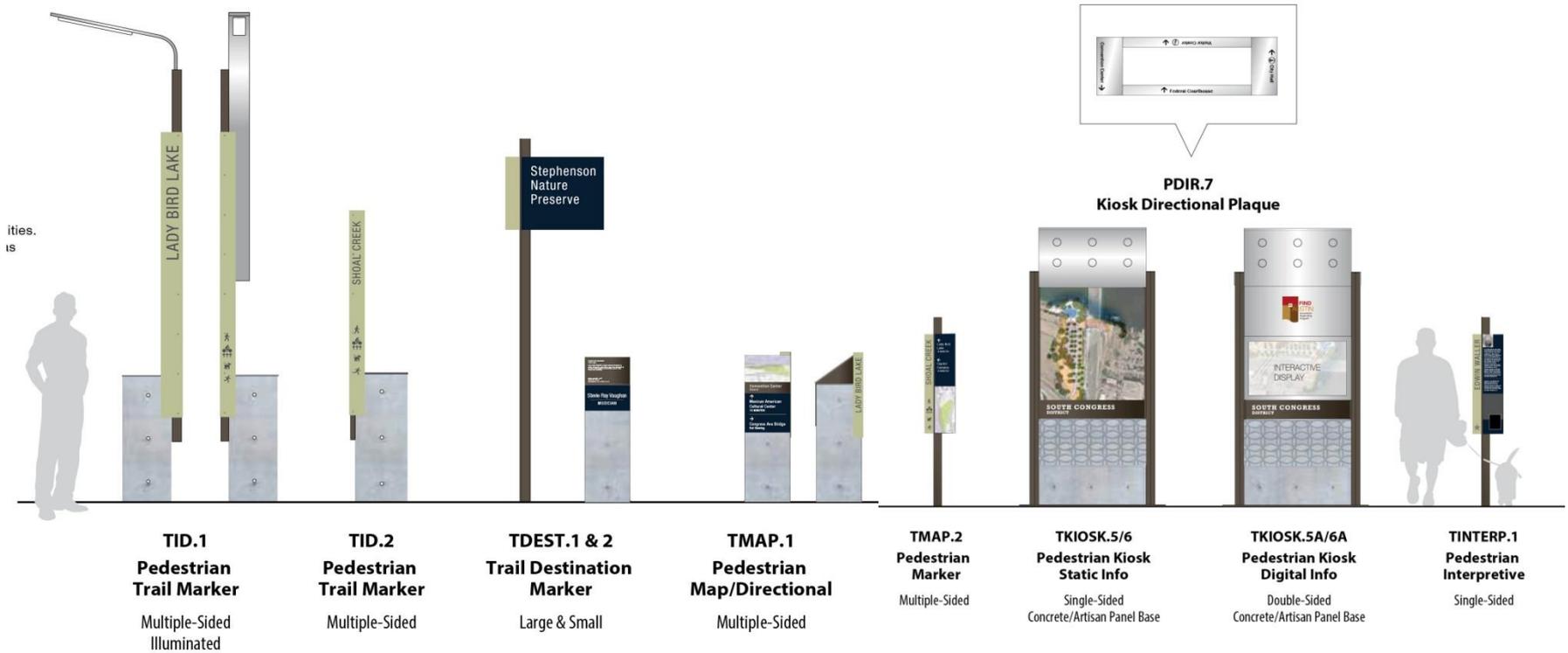
PINTERP.1
Pedestrian
Interpretive
Single-/Double-Sided

Interpretative Signage

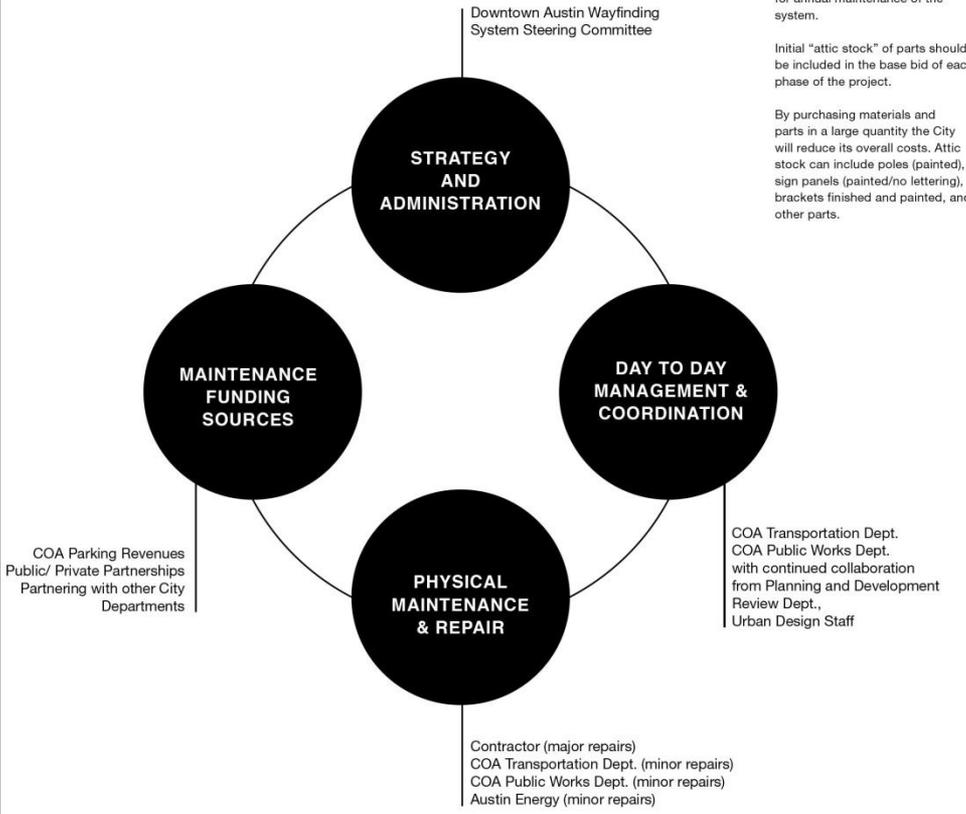


PKIOSK.2A/3A
Pedestrian Kiosk
Digital Info
Double-Sided
Stone Base

Pedestrian Kiosk (Dynamic)



Trail Signage



MANAGEMENT

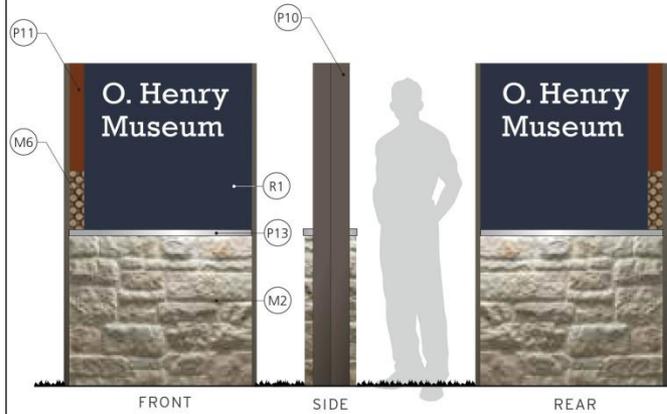
The maintenance of the sign system is essential to its success. Worn, outdated or damaged signs do not present a positive image and do not build trust among the end-user, a critical component to wayfinding.

ANNUAL BUDGETS

Generally 10% - 15% of the total phasing cost should be established for annual maintenance of the system.

Initial "attic stock" of parts should be included in the base bid of each phase of the project.

By purchasing materials and parts in a large quantity the City will reduce its overall costs. Attic stock can include poles (painted), sign panels (painted/no lettering), brackets finished and painted, and other parts.



DEST.2
DESTINATION IDENTIFICATION

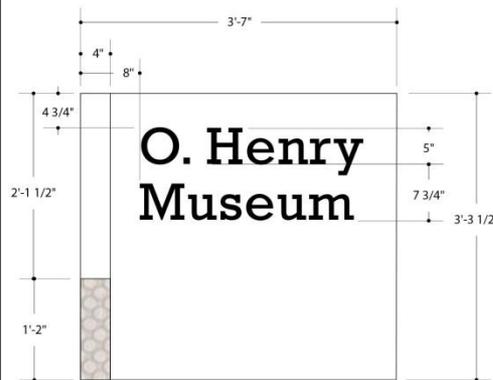
This larger Destination ID sign utilizes the same base as the pedestrian kiosks, but the panel is smaller and picks up elements from the Pedestrian signage as well.

All exposed surfaces shall have an anti-graffiti protectant. Painted surfaces will have a clear coating and vinyl surfaces shall have a clear vinyl over-lam as required by the paint and vinyl manufacturer.

All exposed fasteners shall be painted to match adjacent surface.

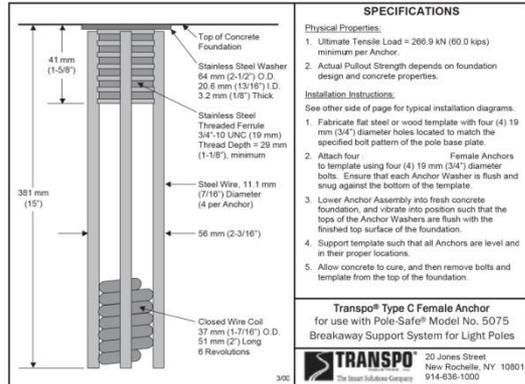
All sign structures shall be signed and sealed by a certified Texas structural engineer prior to fabrication.

1 Color Schedule DEST.2
scale: 3/8"=1'-0"



2 Destination ID Layout Guidelines
scale: 3/4"=1'-0"

These drawings are meant for DESIGN INTENTION ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to the City of Austin for approval prior to proceeding with fabrication. All copy shall be proofread by the City of Austin and legal requirements checked by legal department.



SPECIFICATIONS

Physical Properties:

1. Ultimate Tensile Load = 266.9 kN (60.0 kips) minimum per Anchor.
2. Actual Pullout Strength depends on foundation design and concrete properties.

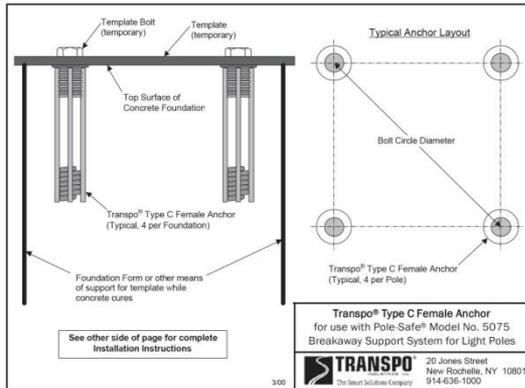
Installation Instructions:

See other side of page for typical installation diagrams.

1. Fabricate flat steel or wood template with four (4) 19 mm (3/4") diameter holes located to match the specified bolt pattern of the pole base plate.
2. Attach four Female Anchors to template using four (4) 19 mm (3/4") diameter bolts. Ensure that each Anchor Washer is flush and snug against the bottom of the template.
3. Lower Anchor Assembly into fresh concrete foundation, and vibrate into position such that the tops of the Anchor Washers are flush with the finished top surface of the foundation.
4. Support template such that all Anchors are level and in their proper locations.
5. Allow concrete to cure, and then remove bolts and template from the top of the foundation.

Transpo® Type C Female Anchor
for use with Pole-Safe® Model No. 5075
Breakaway Support System for Light Poles

TRANSPO 20 Jones Street
New Rochelle, NY 10801
914-636-1000



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BREAKAWAY FOOTER DETAILS

- PERFORMANCE CRITERIA:**
1. Double-Neck Pole-Safe meets all requirements of "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals."
 2. Double-Neck Pole-Safe has been crash-tested and FHWA approved in accordance with the requirements of NCHRP Report 350, "Recommended Procedures for the Safety Performance Evaluation of Highway Features."
 3. Maximum Allowable Pole Mass = 450 kg (922 lb) (total including fixtures).

- PHYSICAL PROPERTIES PER COUPLING:**
1. Ultimate Tensile Strength = 221.5 kN (49.8 kips), minimum
 2. Tensile Yield Strength = 192.0 kN (43.2 kips), minimum.
 3. Ultimate Restrained Shear Strength = 24.5 kN (5.5 kips), maximum

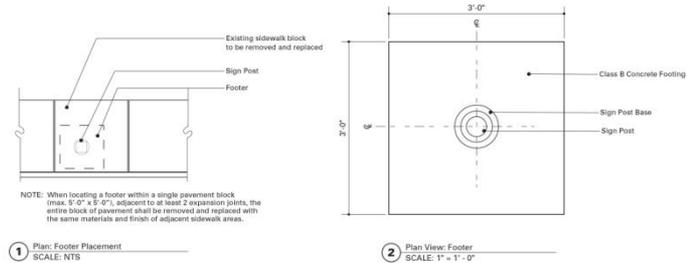
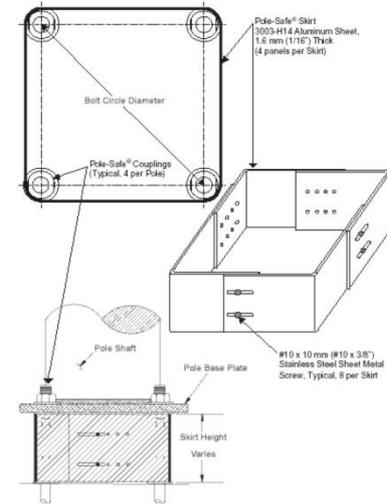
CORROSION PROTECTION:
All Hardware items are American Standard sizes, galvanized in accordance with ASTM A153 (hot dipped).

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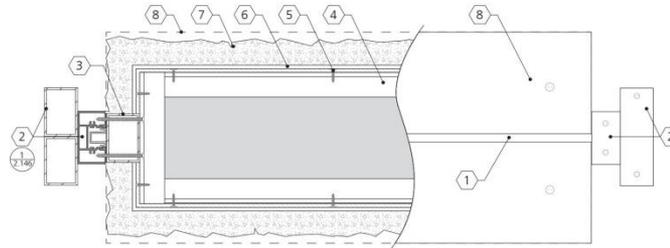
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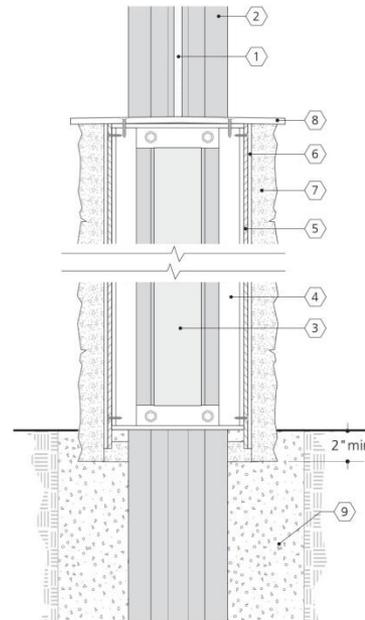
SECTION DETAILS
STONE BASE

Texas Limestone base details for
DEST.1B
PKIOSK.1
PKIOSK.2
PKIOSK.2A
PKIOSK.3
PKIOSK.3A



1 Section plan typ KIOSK base
scale: 1 1/2"=1'-0"

- 1 Message panel assembly - see post section detail drawings for configuration
- 2 Aluminum extrusion frame assembly
- 3 2" x 3" x 1/4 wall alum tube mechanically fastened to frame assembly
- 4 1/1/2" x 1 1/2" x 1/4" alum angle frame mechanically fastened to frame assembly
- 5 Lathe screen screwed to alum angle frame
- 6 Mortar setting bed
- 7 Texas Limestone cultured stone by Boral Stone Products - www.culturedstone.com
- 8 3/8" alum plate cap mechanically fastened to alum angle frame - brakeform slightly to create crown for water run-off
- 9 Concrete footer - (see Section 2: Construction Details for different footer types). Verify all location conditions.



2 Section
scale: 1 1/2"=1'-0"

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THANKS!
