

## **PARKS AND RECREATION COMMISSION STAFF REPORT**

**MEETING DATE:** October 4, 2016

**AGENDA ITEM NUMBER:** 3B

**STAFF:** Ann Bollinger, Open Space Administrator

**REQUEST:** For Possible Action: To assist staff and the department's needs by naming up to two members to join each of three working groups: (1) review and update Carson City Municipal Code 13.02, (2) develop a signage plan, and (3) review and improve the department's webpages.

### **GENERAL DISCUSSION:**

At the last meeting of the Open Space Advisory Committee (OSAC) on August 15, 2016, the Committee made a motion to name two members to each of three working groups to assist staff in completing various projects. The committee identified the three specific projects identified in the request. The Parks and Recreation Commission (PRC) members selected to assist with review of Carson City Municipal Code 13.02 may or may not need to coordinate with the OSAC members; whereas the PRC members selected to assist with the development of a signage plan and to review and improve the department's webpages should coordinate with the OSAC members on these department-wide efforts.

The OSAC, as well as staff, believe there should be a clear signage regarding various recreational uses. Signage should be consistent across the City's parks and open space areas and blend with the surrounding environment. Policies may need to be developed to address signage requests from other agencies, such as bear and mountain lion warnings from the Nevada Department of Wildlife. Below is an example of "sign pollution" at Carson River Park where 15 signs are posted throughout the area, including one sign posted to an electric pole. Staff believes a consultant will need to be hired to develop a signage plan. The role of the working group may include developing a Request for Proposals/ Qualifications, review of proposals, working with the consultant(s) to narrow the options, and providing recommendations to the committee/ commission. Attached are excerpts of a recently completed Signage Master Plan for the State Route National Scenic Byway and East Shore Tahoe Trail.

Likewise, staff agrees the department's webpages need to be improved. Using the existing website, the working group will develop recommendations for improved navigation, ease of use, information, etc.



**RECOMMENDED ACTION:**

I move to name \_\_\_\_\_ and \_\_\_\_\_ to join the working group review and update Carson City Municipal Code 13.02; to name \_\_\_\_\_ and \_\_\_\_\_ to join the working group to develop and signage plan; and to name \_\_\_\_\_ and \_\_\_\_\_ to review and improve the department's webpages.

# SR 28 National Scenic Byway Corridor Signage Master Plan

June 30, 2016



**WOOD ROGERS**  
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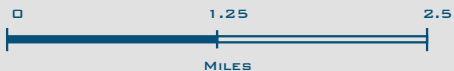
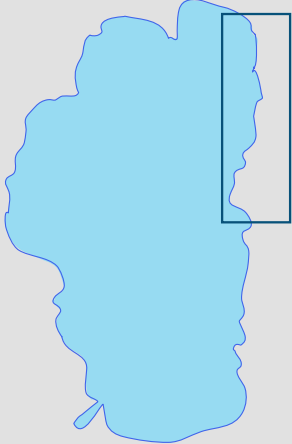


## STATE ROUTE 28: PROPERTY OWNERSHIP

SR-28 SIGNAGE PROJECT

- STATE ROUTE 28
  - SHARED USE PATH
- OWNERSHIP**
- PRIVATE
  - NEVADA STATE PARKS
  - U.S. FOREST SERVICE

**AREA SHOWN IN MAP**



### Purpose/Intent of the Signage Master Plan

1. Create consistency in wayfinding signage for East Tahoe.
2. Improve Highway Safety by making wayfinding easier for motorists and recreation users in order to avoid unnecessary travel looking for recreational and parking areas.
3. Create a sense of place and unique identity for the SR 28 Corridor.
4. Create interpretive opportunities along the Shared Use Path.
5. Provide clarity to trail users regarding stewardship of resources and trail connectivity.
6. Provide a design manual for easy implementation.

### Regulatory Framework

#### Highway wayfinding signage along State Route 28

1. Signage is controlled by the Nevada Department of Transportation (NDOT) and would need to meet the design criteria identified by the Manual on Uniform Traffic Control Devices (MUTCD) and American Association of State Highway and Transportation Officials (AASHTO).
2. Signage would need to meet Tahoe Regional Planning Agency (TRPA) Standards for Aesthetics

#### Off-highway and Shared Use Path wayfinding signage outside of State Route 28 right of way

1. Controlled by respective property owners as identified in the Property Ownership Map (USFS, NV State Parks)
2. Coordination with Incline Village General Improvement District (IVGID) for gateway signage located within Incline Village
3. Coordination with the respective county (Washoe County, Carson City, and Douglas County)
4. Signage would need to meet TRPA Standards for Aesthetics

### Implementation, Ownership & Maintenance

Multiple agencies have jurisdiction within the SR 28 Corridor. This Signage Master Plan provides consistent signage to meet the requirements of the various agencies; however, the plan does not specify implementation, ownership and maintenance responsibilities. Application for sign permits must be made with each applicable agency depending on location. Financial responsibility for final sign design and engineering, fabrication, installation and ongoing repairs, maintenance, and inspections will be determined with each signage permit application.

### Partners

Washoe County • TTD • TRPA • NDOT • NDSP • USFS • IVGID • Douglas County • Carson City • Washoe Tribe • Tunnel Creek Café • Tahoe Fund



## **SECTION 1: CORRIDOR IDENTITY & STANDARDS**

# CORRIDOR IDENTITY & STANDARDS

## NAMING, BRANDING, AND LOGOS

### Naming Standards

Specific naming conventions shall be used at all times

- When referencing the East Shore trail, the official name shall be “Tahoe East Shore Trail.”
- When referencing only the East Shore area, the official name shall be “Tahoe East Shore.”
- When referencing the State Route 28 Scenic Byway, the official name shall be “Tahoe East Shore National Scenic Byway.”
- The official tag line for the State Route 28 Scenic Byway is defined as “America’s Most Beautiful Drive.”



Example of naming and logo standards on a gateway monument

### Single Color Trail Logo Options



The preferred color when only one color is available for printing is to use blue:  
 Pantone+ CMYK Uncoated, P106-6  
 C: 72 M: 38 Y:0 K:0



If color is not applicable for print, black may be used



A 50% black gray scale coloring may be used if no other options are applicable. The four color or single blue color guidelines are preferred.



On a dark background, a white color may be used. Alternatively, the outer edges may be white keeping the full internal colors.

### Aluminum and Iron Cut Logo Options

The Tahoe East Shore Trail logo has been designed to allow for single-piece iron or cut aluminum. In each case, some modifications to the logo will need to be made to allow for all pieces to connect as one. The “Tahoe East Shore Trail” font will need to be modified to allow inner pieces to connect to the overall logo similar to a stencil-style font. The center Lake Tahoe shape will be enlarged as to connect to the rest of the piece. The central “E” character will be scaled down

by approximately 10% to fit as a single cut inside the lake symbol and will allow the bottom of the vertical bar of the “E” character to connect to the lake symbol. Holes may be cut into the three points of the badge for mounting purposes where applicable.



Flat aluminum option



3D rendering of oxidized iron option

### Four Color Trail Logo



- Pantone+ CMYK Uncoated, P 103-16 U  
C: 97 M: 81 Y:0 K:51
- Pantone+ CMYK Uncoated, P 120-14 U  
C: 75 M: 0 Y:11 K:45
- Pantone+ CMYK Uncoated, P 106-6  
C: 72 M: 38 Y:0 K:0
- Pantone+ CMYK Uncoated, P 179-15  
C: 0 M: 0 Y:0 K:95

Color theme references Lake Tahoe’s natural colors in shallow and deep waters

### Lake Tahoe Universal Theme

The logo for the East Shore Trail fits into a universal format that may cover the entire perimeter of Lake Tahoe in a future trail network. In this network, there will be a unique logo for North, East, South, and West Tahoe.



# CORRIDOR IDENTITY & STANDARDS

## MATERIAL SELECTION & SPECIFICATIONS

The use of naturally occurring materials will help to keep a consistent feel with the natural beauty of the Tahoe East Shore area and will help to establish a brand design. A primary goal is to keep signage from overpowering the natural beauty of the area while also not being dwarfed by it. Sign dimensions that are shown in this document may be adjusted to suit each specific location. ADA requirements should be referenced on a location by location basis. Colors for each sign are to match the colors assigned in this document to exact specifications or as closely as possible.

### Granite

Example Uses: Walls, vista point groundwork, and areas with general masonry.



Wherever masonry is a consideration for use, the inclusion of fractured granite which directly matches the Tahoe East Shore area should be used. This may apply to signage which includes a stone base, walls around vista points, and groundwork for vista points or similar.

### Wood

Example Uses: Sign posts, mileage markers, and sign header bars.



It is recommended to use naturally occurring Douglas Fir and Western Red Cedar wood options on all applicable signs and general sign posts.

### Metal




Example Uses: Sign post support base, sign hardware (i.e. bolts), and solid logos.






The use of powder-coated metals may be used for sign support brackets, sign faces and backings, and hardware such as bolts. Oxidized iron (rust) patina for solid metal logos are recommended to keep both a historic and natural look.

### Colors

Signs will use a common color theme to establish a brand design and consistent feel to the Tahoe East Shore area.

-  East Lake Tahoe Blue: Commonly used behind the “East Lake Tahoe” text which appears on signs A through E. Match to PMS 279c.
-  Highway wayfinding: For use on standard highway signage. Match to PMS 342c.
-  State Park Brown: For use on highway signage when calling out State Park location wayfinding. Match to PMS 1615c.

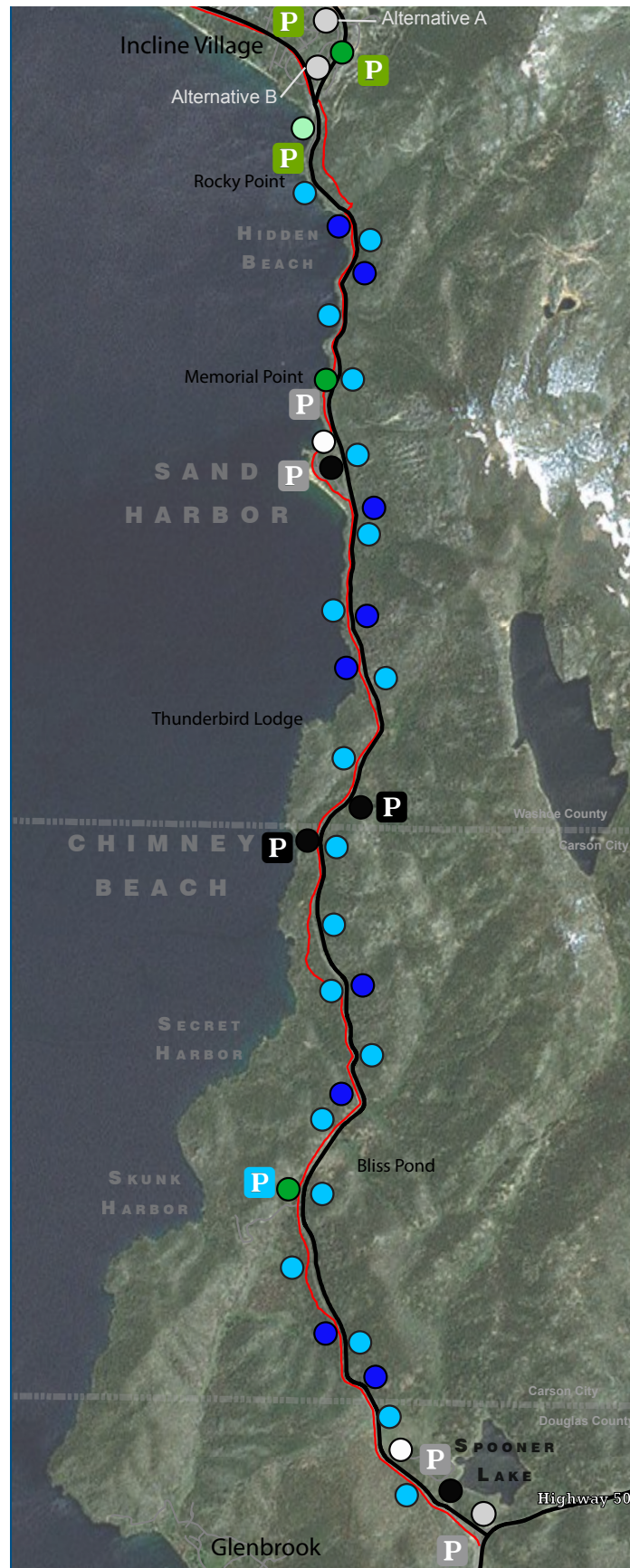
-  Dark Brown: Commonly used on sign faces for signs C through G. Match to PMS 4625c.
-  Brown: Commonly used for powder-coated metals on sign support brackets and bolts. Match to PMS 469c.

 Also for use on all sign icons



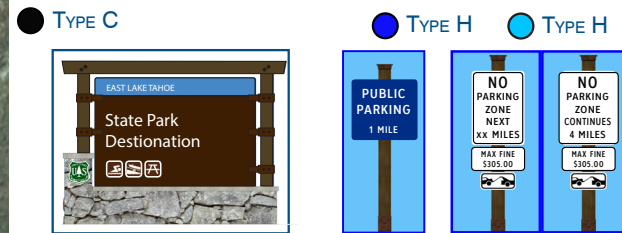
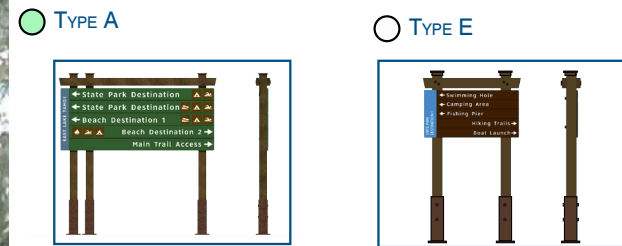
## **SECTION 2: HIGHWAY WAYFINDING**

# SIGN TYPES & LOCATION



## STATE ROUTE 28 NATIONAL SCENIC BYWAY PROPOSED SIGN TYPE LOCATIONS

### PROPOSED SIGN TYPE

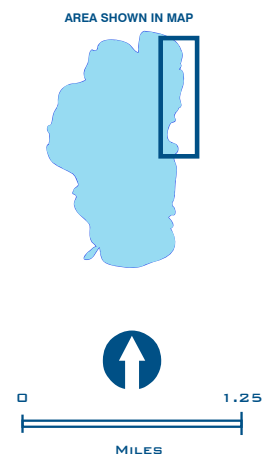


Repeat Every 1/2 Mile

### OFF-HIGHWAY PARKING



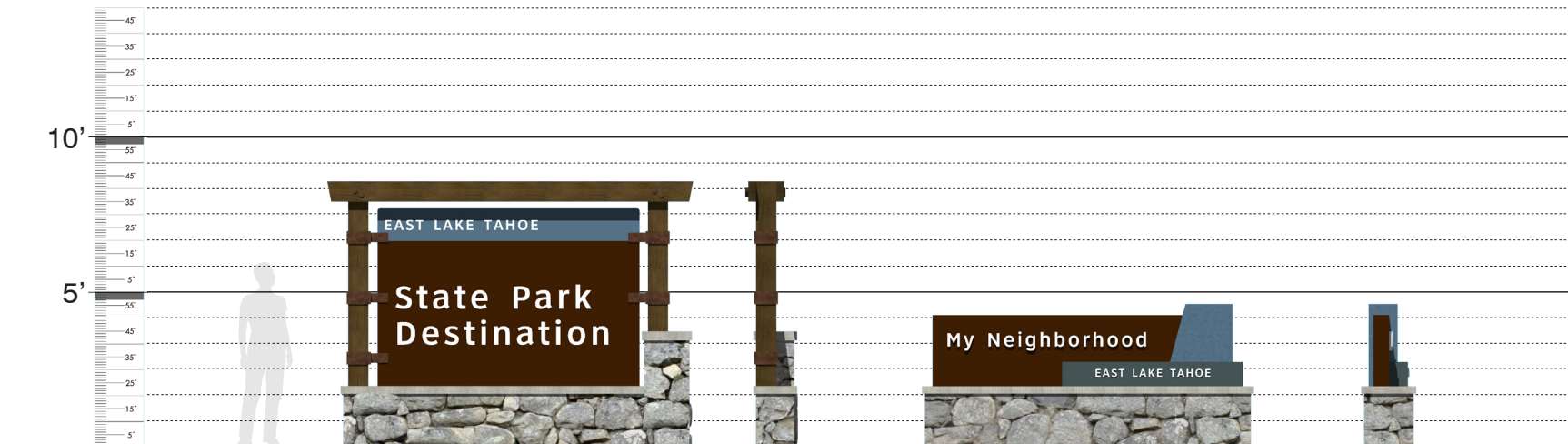
### PATHWAYS



**Sign Type A**  
Vehicular Pole-Mounted Directional



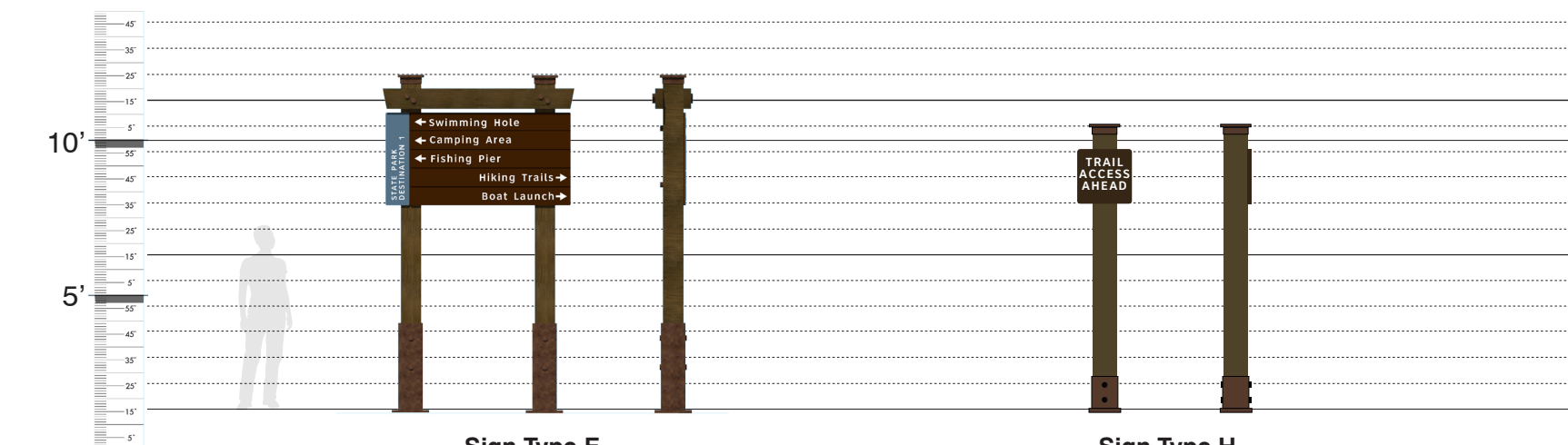
**Sign Type B**  
Vehicular Monument Directional



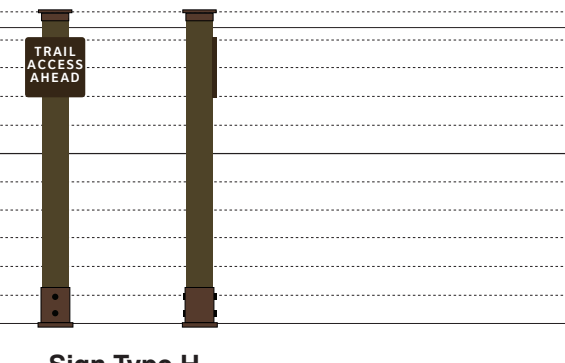
**Sign Type C**  
Vehicular Monument Destination Sign



**Sign Type D**  
Vehicular Destination Monument



**Sign Type E**  
Secondary Roadway / Pole-Mounted Directional



**Sign Type H**  
Parking / Alerts / Warnings

# VEHICULAR SIGNS

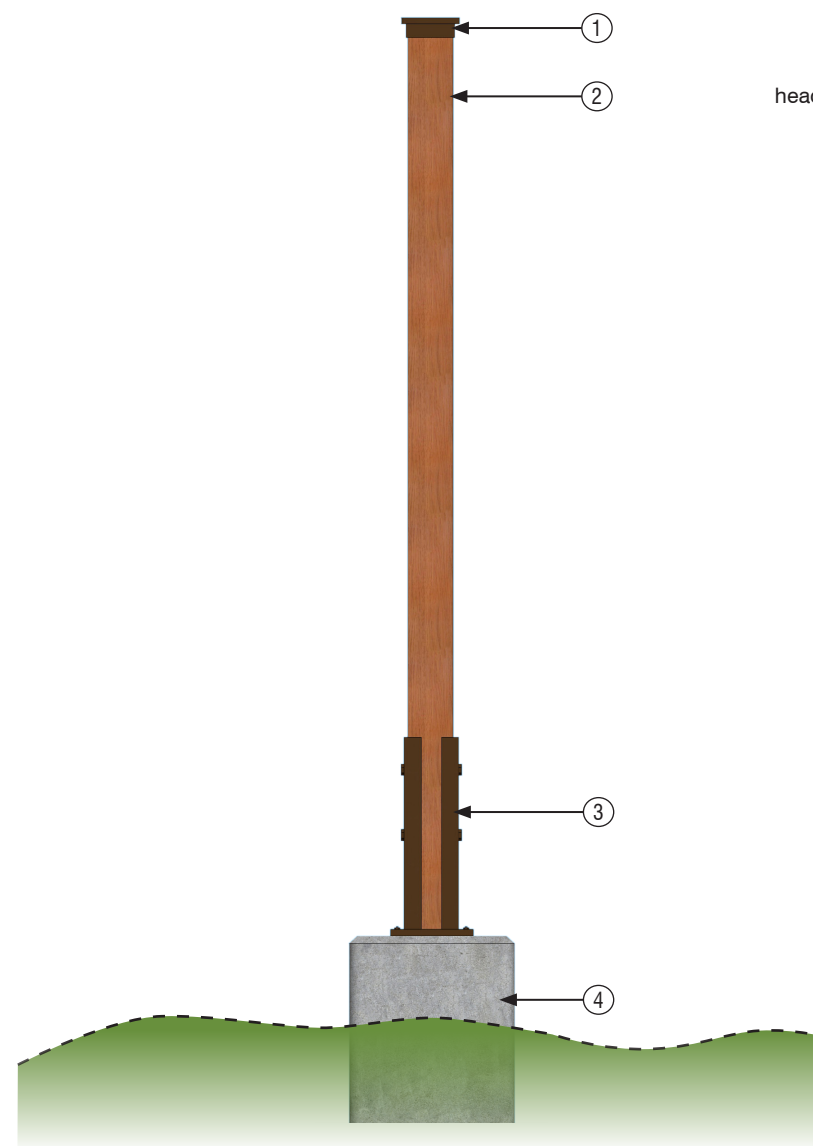
## GLOBAL STANDING SIGN STANDARDS

Future and proposed standing signs should follow a consistent style utilizing the materials and colors shown in this document. While dimensions will inevitably change between signs, uniform scaling should be used wherever possible.

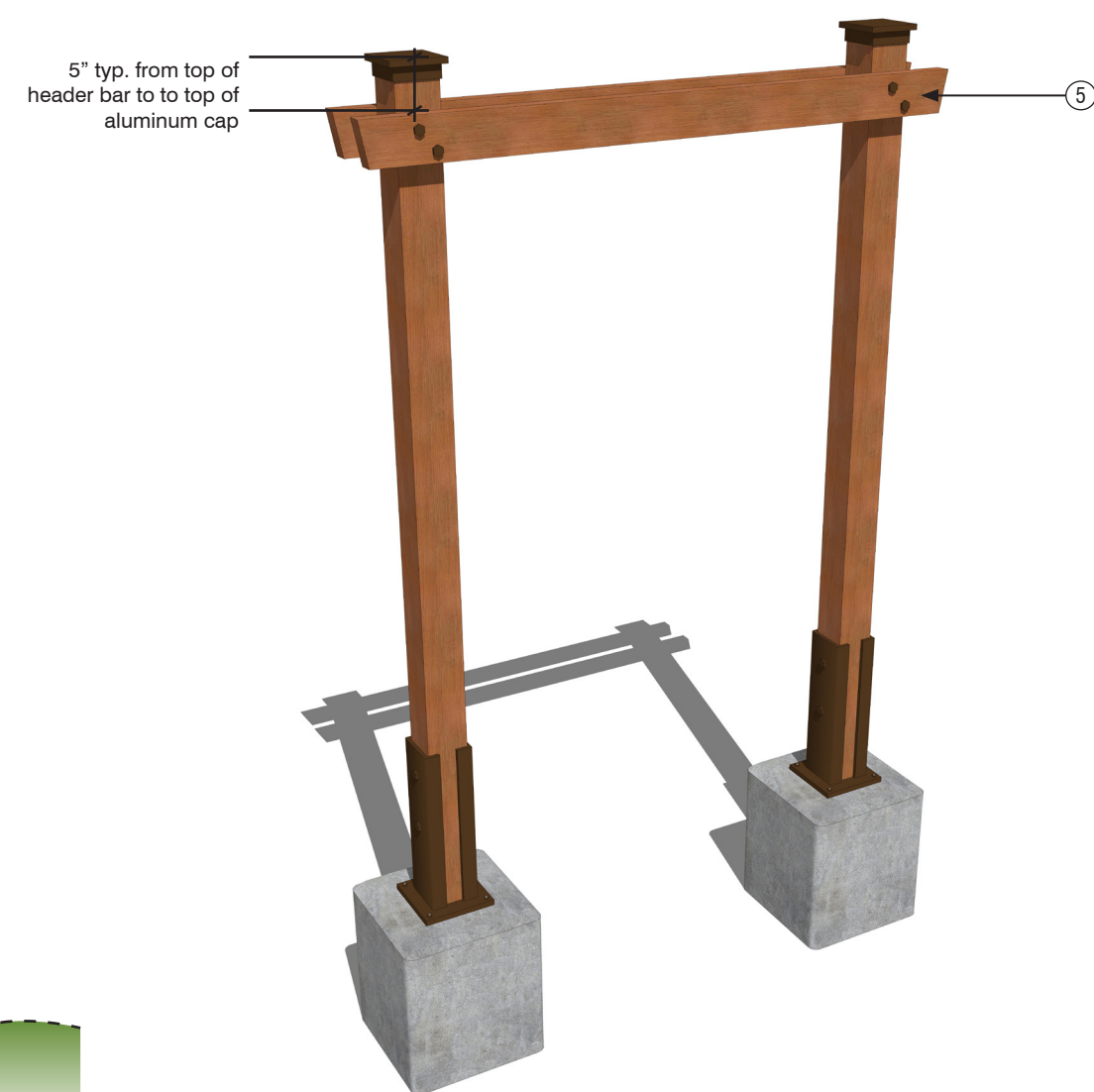
### Standard Sign Post

1. **Caps**
  - Material: Powder-coated aluminum.
  - Color: To match PMS 469c.
2. **Vertical Post** - Material: 6" or 8" sq. wood beam (Douglas Fir or Western Red Cedar).
3. **Support Brackets**
  - Material: Powder-coated metal; custom designed brackets shown; standard brackets may be specified by engineer.
  - Color: Match to PMS 469c.
  - Mounting: Mount to vertical support beams with standard round thru bolts.
4. **Concrete Base** - Placed 3" min to 12" max above grade level. Avoid wood to ground contact.
5. **Header Bar** - If a sign necessitates the use of two posts, they should be connected by a header bar with tapered ends.
  - Material: Douglas Fir or Western Red Cedar
  - 8" x 3" wood for 8" vertical posts, front and back of sign.
  - 6" x 2" wood for 6" vertical posts, front and back of sign.
  - Mounting: Mount to vertical support beams with standard round 2" thru bolts. Maintain 5" distance from top of header bar to top of aluminum cap.
  - Shape: Taper ends to an angle of 10 degrees

Note: If a sign is to be placed within the 14 foot clear zone of the roadway, reference the latest edition of the "NDOT Standard Plans for Road and Bridge Construction" in the section titled "Roadside Sign Section" for breakaway sign posts. The wooden post mounting may need to be modified to allow for breakaway safety standards.



Front view of a typical sign post



Typical double sign posts

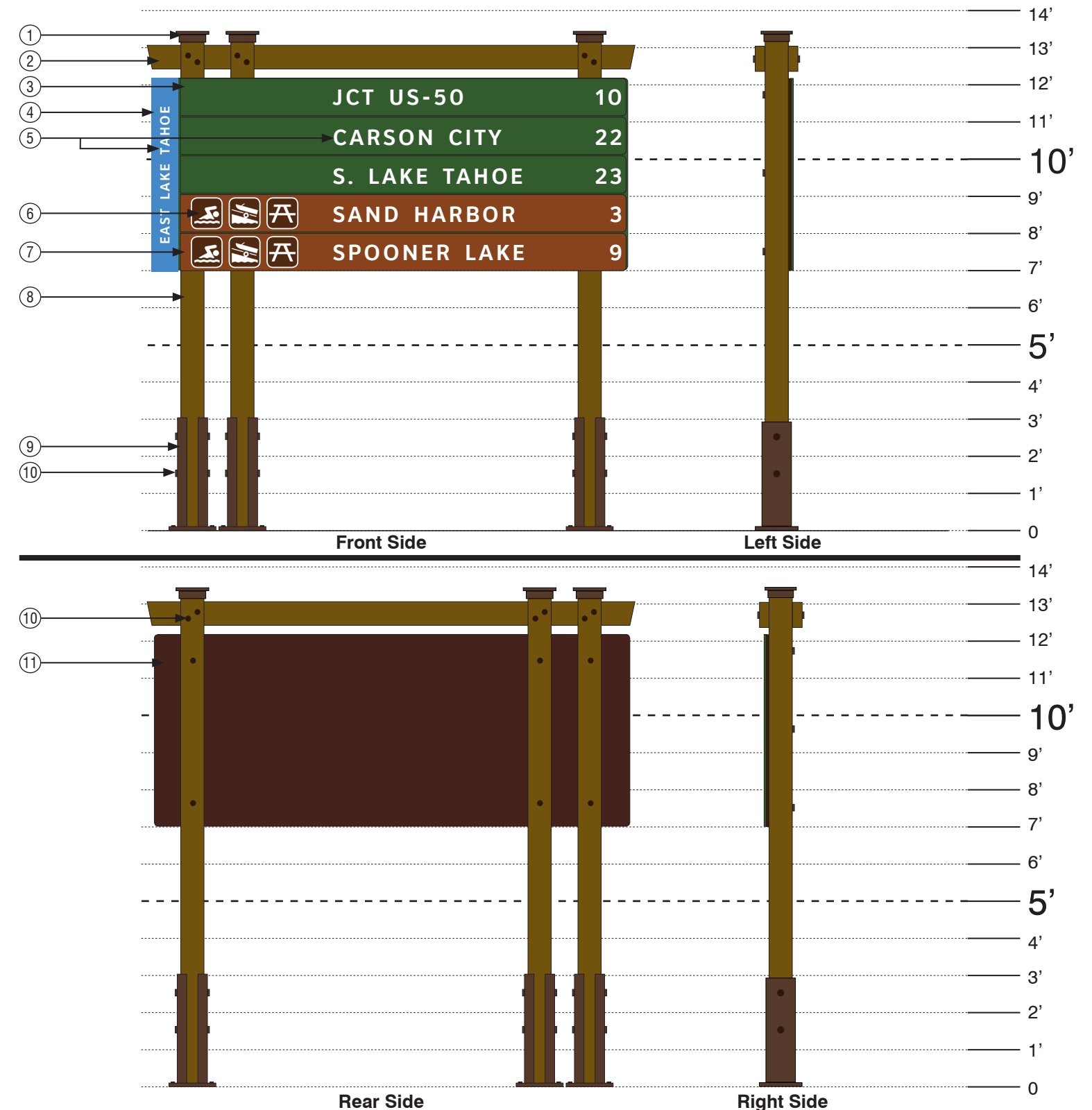
# VEHICULAR SIGNS

## TYPE A: VEHICULAR POLE-MOUNTED DIRECTIONAL

The purpose of this sign is to notify roadway users of upcoming destinations, activities, facilities, and directions. Its intended use is for vehicles traveling between 20 and 50 MPH.

- Sign stands 13.5 feet tall and is 12 feet wide. Dimensions are recommended maximums but may be adjusted to suit each specific location as necessary.
- There are a maximum of 5 lines per sign and a recommended minimum of 3 lines per sign.
- Optional State Park destinations may be placed with standard highway coloring and icons.
- Maximum of 3 icons per line. If more than 3 icons are required, an extra line for that destination may be added.

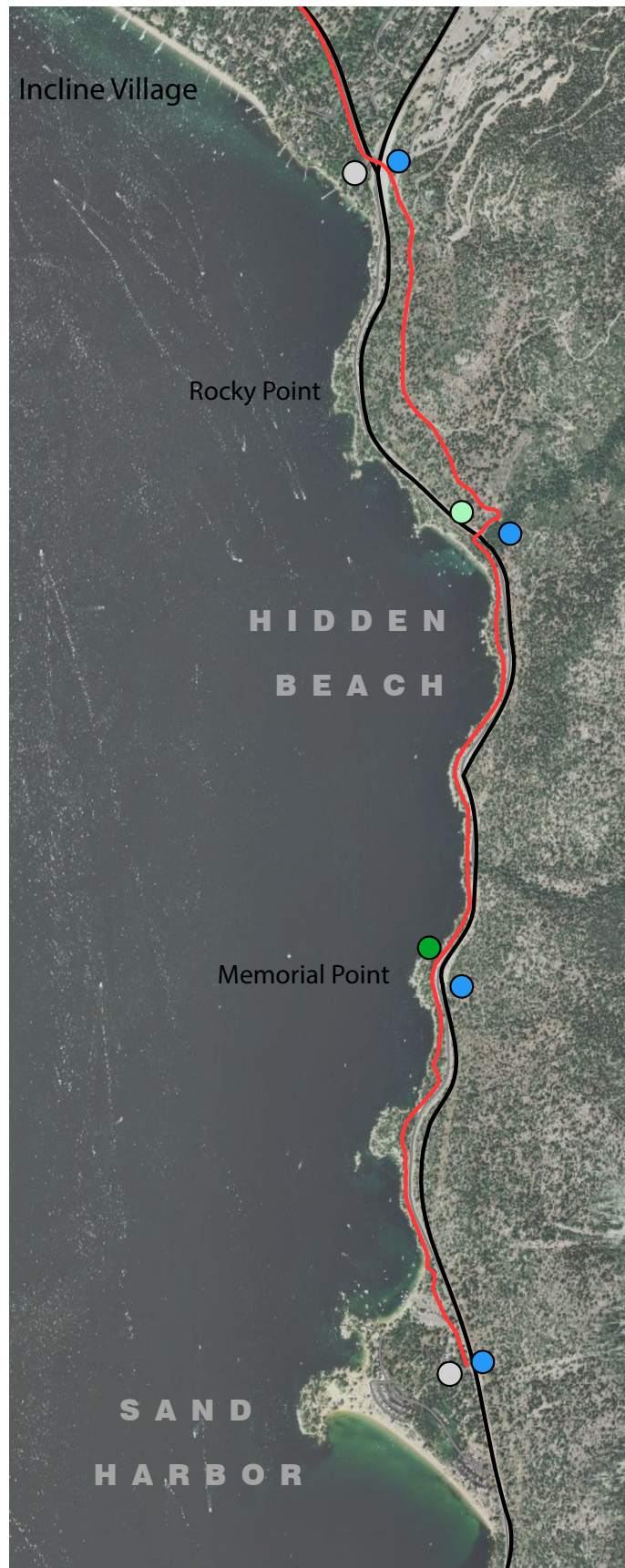
- Caps**
  - Material: Powder-coated aluminum.
  - Color: To match PMS 469c.
- Header Bar**
  - Material: 8" x 3" wood (Douglas Fir or Western Red Cedar), front and back of sign.
  - Mounting: Mount to vertical support beams with standard round 2" thru bolts. Maintain 5" distance from top of header bar to top of aluminum cap.
  - Shape: Taper ends to an angle of 10 degrees
- Sign Panel(s), Highway Wayfinding**
  - Material: 1/4" powder-coated aluminum sign panel(s) with 1" radius corners, 12" height.
  - Color: Match to PMS 342c.
  - Finish: Clear anti-graffiti coating 1800 Series by Ecological Coatings LLC or similar.
  - Spacing: Panels spaced 1/2" apart.
  - Mounting: Mounts to backer panel with construction adhesive.
- Sign Panel** - 1/4" powder-coated aluminum sign panel with 1" radius corners.
  - Color: Match to PMS 279c.
  - Finish: Clear anti-graffiti coating 1800 Series by Ecological Coatings LLC or similar.
  - Mounting: Mounts to backer panel with construction adhesive.
- Letters and Arrows**
  - Material/Color: White reflective vinyl (or white retro reflective sheeting) copy and directional arrows.
  - Typeface: Clearview Hwy 5W.
- Icons**
  - Material: 10" vinyl recreational symbol with 1" radius corners.
  - Color: Icon background to match PMS 469c, icon white.
- Sign Panel(s), State Park Destinations (Where Applicable)**
  - Material: 1/4" powder-coated aluminum sign panel(s) with 1" radius corners.
  - Color: Match to PMS 1615c
  - Finish: Clear anti-graffiti coating 1800 Series by Ecological Coatings LLC or similar.
  - Spacing: Panels spaced 1/2" apart.
  - Mounting: Mounts to backer panel with construction adhesive.
- Vertical Support Beam** - Material: 8" sq. wood beam (Douglas Fir or Western Red Cedar).
- Support Brackets**
  - Material: Powder-coated metal; custom designed brackets shown; standard brackets may be specified by engineer.
  - Color: Match to PMS 469c.
  - Mounting: Mount to vertical support beams with standard round thru bolts.
- Bolts** - Material: Powder coated round thru bolts attach support bracket to posts.
- Sign Backer Panel**
  - Material: 1/4" powder-coated aluminum backer panel with 1" radius corners.
  - Color: Match to PMS 342c
  - Finish: Clear Anti-Graffiti Coating 1800 Series by Ecological Coatings LLC or similar.
  - Mounting: Mounts to vertical support beams with counter-sunk fasteners





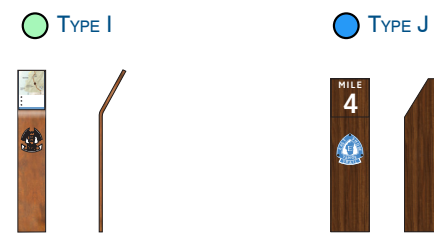
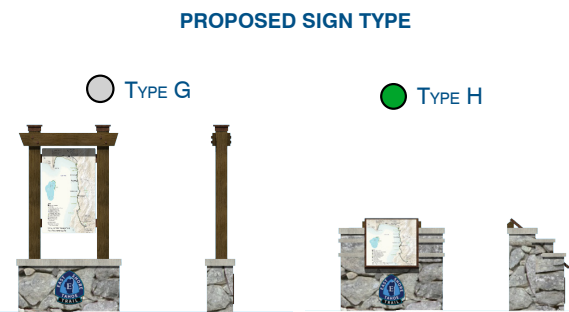
## **SECTION 3:** BIKE & PEDESTRIAN WAYFINDING & INTERPRETIVE SIGNAGE

# SIGN TYPES AND LOCATION



## TAHOE EAST SHORE TRAIL

PROPOSED SIGN TYPE LOCATIONS

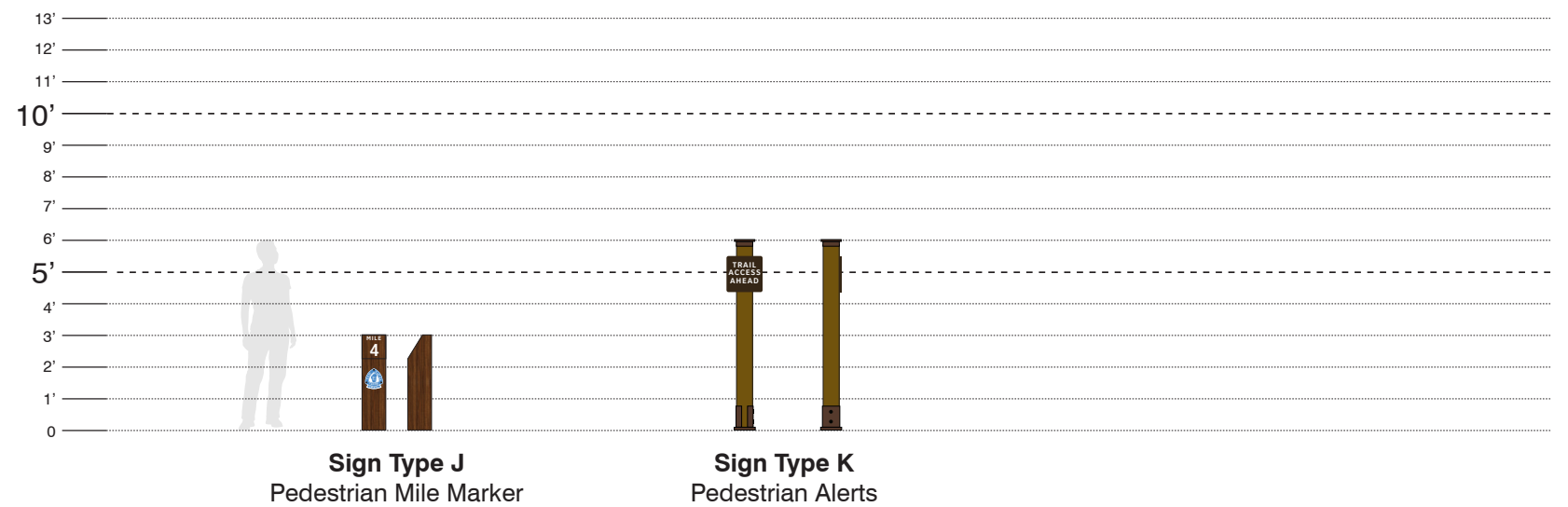
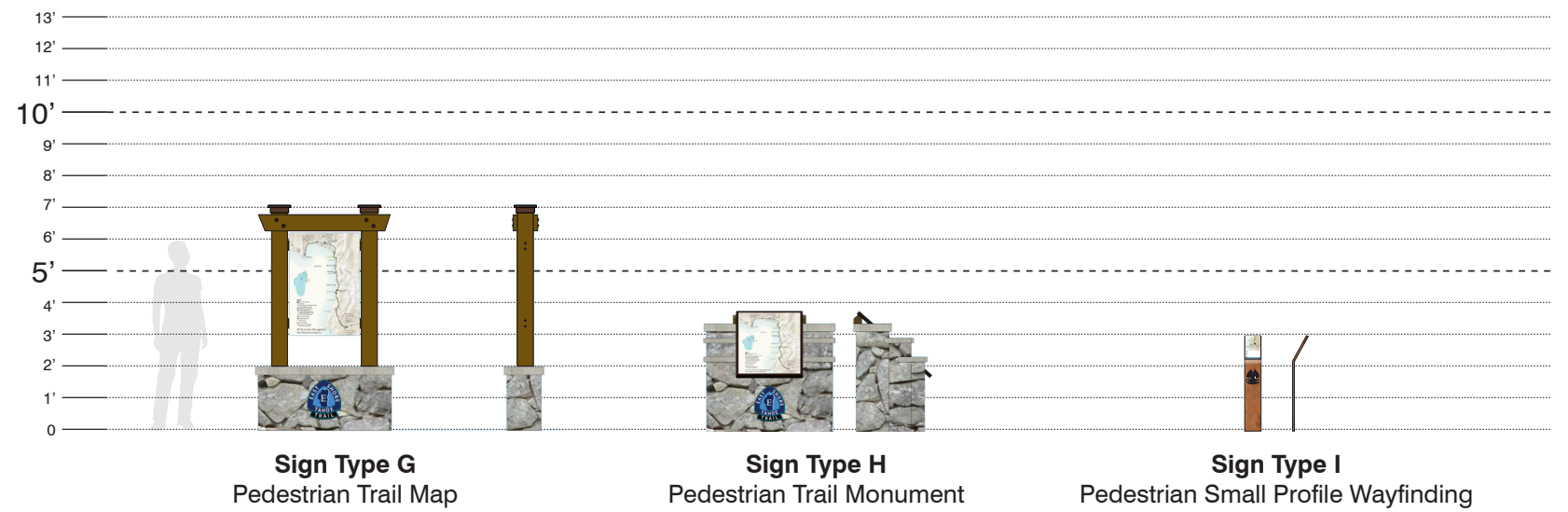
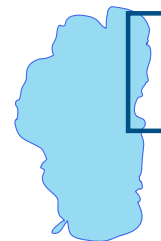


### PATHWAYS

STATE ROUTE 28

TAHOE EAST SHORE TRAIL

AREA SHOWN IN MAP



### Bike & Pedestrian Wayfinging Signage Placement

- Signage locations south of Sand Harbor should be included in the design of the next phase of the East Shore Trail.
- Sign Type J should be placed at 1 mile intervals along the trail and continued on south of Sand Harbor in the future.
- Sign Type G should be used at trail connection points, such as trail heads and where other trails connect.
- Sign Type H should be used at prominent destinations along the trail.

# PEDESTERIAN & TRAIL SIGNS

## TYPE G: PEDESTRIAN TRAIL MAP

The purpose of this sign is to mark important locations, trail entrances, and areas of interest along the way. Its intended use is for pedestrians 0 to 20 feet away.

- Sign stands at 7 to 10 feet tall and 3 to 6 feet wide. Dimensions are recommended maximums but height may be adjusted to suit each specific location as necessary, and must meet all Americans with Disabilities Act (ADA) requirements.
- Interpretive panel is UV, abrasion, graffiti and burn resistant material
- Optional printed aluminum emblem affixed to stone base

- Caps**
  - Material: Powder-coated aluminum.
  - Color: To match PMS 469c.
- Header Bar**
  - Material: 8" x 3" wood (Douglas Fir or Western Red Cedar), front and back of sign.
  - Mounting: Mount to vertical support beams with standard round 2" thru bolts. Maintain 5" distance from top of header bar to top of aluminum cap.
  - Shape: Taper ends to an angle of 10 degrees
- Hardware** - Round 2" powder-coated aluminum thru bolts.
  - Color: To match PMS 4625c.
- Vertical Support Beam** - Material: 6" sq. wood beam (Douglas Fir or Western Red Cedar).
- Interpretive Sign Face** - 1/4" high density laminate with 1" radius corners.
  - Material: DuraReader High Pressure Laminate or equivalent.
  - Mounting: Mounts to backer panel with construction adhesive and 1" round thru bolts.
- Hardware** - Round 1" powder-coated aluminum thru bolts.
  - Color: To match PMS 4625c.
- Concrete Top**
  - Material: Cured-in-place (CIP) concrete top
  - Color: Match to medium gray.
- Support Base**
  - Material: Cured-in-place (CIP) concrete with fractured granite, to match granite found around East Lake Tahoe
- Angled Support Brackets**
  - Material: Powder-coated metal; custom designed brackets shown; standard brackets may be specified by engineer.
  - Color: Match to PMS 469c.
  - Mounting: Mount to vertical support beams with standard 1" round thru bolts.
- Interpretive Sign Backing**
  - Material: 1/4" powder-coated aluminum backer panel with 1" radius corners.
  - Color: Match to PMS 4625c
  - Finish: Clear Anti-Graffiti Coating 1800 Series by Ecological Coatings LLC or similar.
  - Mounting: Mounts to angled support brackets with 1" thru bolts.
- Optional Informative Text**
  - Material: 1/4" powder-coated printed aluminum.

