City of Tillamook & Tillamook Area Chamber of Commerce Gateway Signage and Park Kiosk Project

Addendum

Design-Intent Drawings & Design Specifications

Lennox Insites and Partners in Design
September 2017
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Building the Plan

The purpose of these design-intent drawings and specifications is to record and communicate design decisions so the prospective sign fabricators can prepare estimates for fabrication and installation. This document provides a comprehensive overview of the wayfinding system of signs, spelling out what the fabricator needs to know in order to build and install the program.

In most cases, the Design-Intent Drawings depict the front, top, and side views of signs and are to scale—to be properly interpreted by sign fabricators. Design-Intent drawings depict how the signs will look and how they will function, without determining each and every connection or detail. This allows experienced sign fabricators some leeway in the program’s execution and permits them to recommend the best approach.

The designer states the required sign performance and design objectives, and entrusts the vendor with quality control. That fabricator (primary company, and including any subcontractors) bears responsibility for the system’s overall integrity by assuming authorship of the final detailing and engineering, and manufacturing the actual product, which must be reviewed and accepted by the client before fabrication begins.

Engineering
Prior to fabrication, individual signs within the system will need to be engineered and construction drawings prepared. These tasks are a part of the sign company’s contract or subcontracted by the fabricator. In either case, construction drawings will be based on the design-intent drawings and specifications seen in this report.

It is imperative that the fabricator’s engineer understands the program and will work with the designers to maintain design intent. Engineering for wind pressure, soil settling, and to some extent, occasional flooding will be a criteria for the engineering of this program.

Footing plans, to be provided by the fabricator, will require on-site review and approval per sign location.

Design Team Standards
— Shop construction drawings completed by the fabricator are to be based on design-intent drawing and specifications.
— Locations, dimensions and site conditions to be verified by the fabricator/installer.
— All hardware and fasteners to be vandal resistant.
— All paint finishes to be outdoor quality and NW coast appropriate.

Prototypes
It is often helpful to go through a prototype process prior to initiating a full contract. This is a time when the designer, fabricator and client learn what they thought they knew but did not. The unique designs of the Tillamook program translate into unique fabrication solutions. The most important part of the process is learning how the signs can be built in a cost efficient way and where improvement can be made in the use of materials and in specific design details. The goal for a prototype sign is not price, but defining a quality standard against which the program performance will be judged.

Sign Lighting
Electrical and lighting for sign illumination to be provided by the sign fabricator. Electrical sources to be supplied by the City of Tillamook. Only the Gateway signs will have illumination. Illumination can improve the visibility of signs at night, but can also create a “halo effect.” Down-lighting is more effective with less spill-over.

Solar powered lighting may be considered in locations where electrical source options are limited.

Digital Graphics
Graphics and sign messages will be digitally rendered by Partners in Design and will be available in either InDesign format or converted PDF files. Fonts will be made available to the fabricator.
### Quality Assurance

#### Design Criteria:

1. These drawings are meant for DESIGN INTENT ONLY and are not for construction. Fabricator must verify and be responsible for all dimensions and conditions of the job. Fabricator shall be familiar with the site and conditions it presents. The client and design team must be notified of any variations from the dimensions and conditions shown on these drawings.

2. Details on design-intent drawings outline a construction approach for the proposed signs, but do not include detailing or information required for complete structural integrity of the signs. Written dimensions should be followed over scaled dimensions. It is the responsibility of the fabricator to provide the complete structural design of the signs and to incorporate all the safety features necessary to adequately support the signs for their intended use and must meet or exceed industry and local code engineering requirements. The sign fabricator shall submit engineer stamped calculations for foundations and other sign components that affect the structural design.

3. SHOP DRAWINGS AND DETAILS must be submitted for approval prior to proceeding with fabrication. All copy shall be proofread and all legal and code requirements approved prior to fabrication.

4. The signs must withstand abuse, theft and vandalism and adult physical force, at minimum the equivalent of no less than resisting simple hand implements and tools (screwdrivers, knives, coins, keys and similar items). All hardware and fasteners must be vandal resistant.

5. Depending on the signage phasing, consider a prototype process prior to initiating a full contract for certain sign types.

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### About this Plan

#### Reading the Drawings and Resources:

Signage CONTENT, COLORS, TYPEFACES, SYMBOLS AND LAYOUTS will be specified and prepared by the design team and furnished to the fabricator. Color samples of reasonable size on equivalent material will be required for approval prior to fabrication.

All GRAPHICS such as those utilized on gateways, directionals, interpretive elements or orientation signage maps and photos, will be furnished to the signage fabricator in the form of electronic artwork. Graphics will be rendered by fabricator on shop drawings or separate proofs and sent to the design team and client for approval.
### Color

All colors are not used on every sign. Refer to Design-Intent Drawings for specific color usage.

Finishes are noted on drawings. Final determination of finish and paint/ink/vinyl selection will be made in consultation with selected fabricator. Fabricator will compile a final coating list to be approved by the client and design team.

All colors are specified by Project Color Code and name; Pantone CMYK formula; and Pantone Solid Coated number.

<table>
<thead>
<tr>
<th>Color Code</th>
<th>Color Name</th>
<th>Pantone Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1</td>
<td>Tillamook Orange</td>
<td>0c 60m 100y 0k</td>
</tr>
<tr>
<td></td>
<td>Pantone 716 C</td>
<td></td>
</tr>
<tr>
<td>C2</td>
<td>Tillamook Black</td>
<td>0c 0m 100y 100k</td>
</tr>
<tr>
<td></td>
<td>Pantone Black C</td>
<td></td>
</tr>
<tr>
<td>C3</td>
<td>Tillamook Creamy Buff</td>
<td>0c 30m 100y 50k</td>
</tr>
<tr>
<td></td>
<td>Pantone 2499 C</td>
<td></td>
</tr>
<tr>
<td>C4</td>
<td>Tillamook Basalt</td>
<td>0c 10m 100y 40k</td>
</tr>
<tr>
<td></td>
<td>Pantone Grey 11 C</td>
<td></td>
</tr>
<tr>
<td>C5</td>
<td>Tillamook Grass</td>
<td>0c 10m 100y 100k</td>
</tr>
<tr>
<td></td>
<td>Pantone 582 C</td>
<td></td>
</tr>
<tr>
<td>C6</td>
<td>Tillamook Lichen</td>
<td>50c 10m 50y 100k</td>
</tr>
<tr>
<td></td>
<td>Pantone Warm Grey 1 C</td>
<td></td>
</tr>
<tr>
<td>C7</td>
<td>Tillamook Slate</td>
<td>50c 50m 50y 0k</td>
</tr>
<tr>
<td></td>
<td>Pantone 8021 C</td>
<td></td>
</tr>
<tr>
<td>C8</td>
<td>Tillamook Earth</td>
<td>50c 50m 0y 110k</td>
</tr>
<tr>
<td></td>
<td>Pantone 470 c</td>
<td></td>
</tr>
<tr>
<td>C9</td>
<td>Tillamook White</td>
<td>50c 50m 150y 50k</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

### Font & Directional Arrow

**Domaine Display Bold**

```
abcdefg hij klmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890&
```

**BEBAS NEUE**

```
abcdefg hij klmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890&
```

---

**Century Gothic Regular**

```
abcdefg hij klmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890&
```

**Century Gothic Bold**

```
abcdefg hij klmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890&
```
Design Toolbox / Materials and Processes

City of Tillamook sign structures honor the architectural heritage of Tillamook, and extend a strong graphics brand for The Dairylands. Constructed of regional materials with local craftsmanship sensibility. The plan’s materials palette incorporates regional materials such as substantial unpainted timber (which will weather), river rock bases, exposed craftsman hardware and sign faces that give the impression of tongue and groove facades—all of which represent Northwest-style craftsmanship.

A wayfinding program is meant to last for a long period of time, sometimes as long as 20 years, so specified technologies and fabrication are crucial to longevity in the field.

WELCOME GATEWAY SIGNS + PARK KIOSK
RECOMMENDED SIGN SPECIFICATIONS AND MATERIALS PALETTE

SIGN STRUCTURES:
- Posts: Western Red or Port Orford Cedar, UV inhibitor
- Engineered bases: Oregon River Rock, concrete, framing, hardware
- Sign faces: painted aluminum “boards” mounted to solid background of same color, with “grooves” created by spaces between boards. Additional graphics cut from aluminum, direct-mount with adhesive to minimize vandalism.
- Hardware, gussets and end-caps: Galvanized steel, welded joints. Prototypes required. Finish option to be determined. Unfinished or powder-coated.
- Framing, interior structures and substrates: Aluminum, steel, wood, high-density urethane. Only materials appropriate for all-season outdoor use in a coastal marine Northwest environment. Engineered and within code.

SIGN GRAPHICS:
- High Pressure Laminate (HPL)
  Digitally printed subsurface images, with unlimited color, fused into a single panel with phenolic and melamine resins, with a special UV-resistant overlaminate applied.
- Vinyl
  3M High Performance Vinyl
- Metal
  Powder-coated cut aluminum letters, applied to painted metal substrates.
- Lighting
  Lighting plan required for nighttime & stormy weather conditions. Lighting provided, installed and engineered by fabricator. Electrical source provided by client.
  NOTE: Provide solar-powered option for Monumental sign type (W1, W3, W5); PK-4 does not require lighting.

Photos: left to right:
1. powder coated aluminum panels
2. pressure treated wood
3. steel brackets, hardware and ties
4. stone bases
5-8. vinyl graphics
9-10. high pressure laminate panels
### Sign Location Schedule

<table>
<thead>
<tr>
<th>Sign Type and Number</th>
<th>Description</th>
<th>Location</th>
<th>Image(s)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>W-1</strong></td>
<td>Welcome Sign— Village Gateway Monumental Stone foundation</td>
<td>12th Street and the median between Main and Pacific Ave</td>
<td><img src="image1.jpg" alt="Image" /></td>
<td>Replaces the existing Hwy 101 entry welcome sign. New location will be closer to the Pacific Ave side of the median. Faces south, for northbound travelers on Hwy 101.</td>
</tr>
<tr>
<td><strong>W-2</strong></td>
<td>Welcome Sign— Village Gateway Double Post</td>
<td>South side of Hwy 131 on the City Wastewater Treatment Plant property</td>
<td><img src="image2.jpg" alt="Image" /></td>
<td>Faces west, placed diagonally, for eastbound travelers, after crossing the Trask River Bridge.</td>
</tr>
<tr>
<td><strong>W-3</strong></td>
<td>Welcome Sign— Village Gateway Monumental Stone foundation</td>
<td>West side of Hwy 101 on the City property at the Goodspeed Road intersection.</td>
<td><img src="image3.jpg" alt="Image" /></td>
<td>Faces north, placed diagonally, for southbound travelers on Hwy 101. Property needs review for flooding conditions.</td>
</tr>
<tr>
<td><strong>W-5</strong></td>
<td>Welcome Sign— Village Gateway Monumental Stone foundation</td>
<td>Triangle at Ocean Place, between 1st and 3rd St</td>
<td><img src="image4.jpg" alt="Image" /></td>
<td>Replaces existing entry sign. Faces east for westbound travelers on Wilson Ave</td>
</tr>
<tr>
<td><strong>PK-4</strong></td>
<td>Park Kiosk</td>
<td>Carnahan Park</td>
<td><img src="image5.jpg" alt="Image" /></td>
<td>1 unit (1-sided); Water Trail Marker for boat launch</td>
</tr>
</tbody>
</table>
City of Tillamook & Tillamook Area Chamber of Commerce Wayfinding Plan
Lennox Insites and Partners in Design
September 2017

City of Tillamook
Downtown Map

City of Tillamook
Downtown Map

Village Gateway
Monumental
QTY: 1

Village Gateway
Double Post
QTY: 1

Village Gateway
Monumental
QTY: 1

Park Kiosk
QTY: 1
Welcome Sign / Village Gateway Monumental

These drawings are meant for DESIGN INTENT ONLY and are not for construction. Fabricator shall verify and be responsible for all dimensions, code requirements and site conditions. Shop drawings, engineering, and details must be submitted to client for approval prior to proceeding with fabrication.

Scale:

- 1/4" = 1'-0"
- 3/4" = 1'-0"
- 1" = 1'-0"

NOTES
- Wood components: Western Red or Port Orford Cedar, UV inhibitor
- Oregon River Rock bases to be engineered by fabricator
- Hardware & gussets: galvanized steel, powder-coated option to be prototyped
- Digital graphic files provided by client/designer
- Sign, base and hardware to be engineered (wind, soil) by fabricator
- Footing plan by fabricator
- A lighting plan for nighttime & stormy weather conditions. Lighting provided, installed and engineered by fabricator. Electrical source by the client
- Provide solar-powered option for this sign type

City of Tillamook
The Dairylands
ENJOY THE TILLAMOOK COAST

Galvanized steel post end-cap, welded joints. See detail on page 12. Optional painted finish, prototype.

Welded, flush frame surrounding graphic panel
Graphic panel base substrate & graphic detail—page 12
Graphic on one side
Frame, 3" x 11" x 6'-11"
Frame, 3" x 11" x 6'-11"

Custom galvanized steel hardware—throughout. Include option to powder coat
Concrete cap 2" x 4" sq.

Oregon River Rock stone bases to be engineered by fabricator

Concrete base 3'-1" sq.
Concrete cap 3" sq. (see page 12 for detail)

Galvanized steel post end-cap, welded joints. See detail on page 12. Optional painted finish, prototype.

Graphic panel base substrate & graphic detail—page 12
Graphic on one side
Frame, 3" x 11" x 6'-11"
Frame, 3" x 11" x 6'-11"

Custom galvanized steel hardware—throughout. Include option to powder coat
Concrete cap 2" x 4" sq.

Oregon River Rock stone bases to be engineered by fabricator

Concrete base 3'-1" sq.
Concrete cap 3" sq. (see page 12 for detail)
Welcome Sign / Village Gateway Double Post

NOTES

- Wood components: Western Red or Port Orford Cedar, UV inhibitor
- Oregon River Rock bases to be engineered by fabricator
- Digital graphic file to be provided by client/designer
- Sign, base and hardware to be engineered (wind, soil) by fabricator
- Footing plan by fabricator
- Panel is framed with a flush-to-graphic welded steel frame, 3/8” stock, 4” thick
- Some prototyping will be necessary
- A lighting plan for nighttime and stormy weather conditions. Lighting to be provided, installed and engineered by fabricator. Electrical source provided by the client.
Welcome Sign / End Caps and Details

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Shop drawings, engineering, and details must be submitted to client for approval prior to proceeding with fabrication.

Scale:
- 1/2" = 1'-0"
- 3/4" = 1'-0"
- 1" = 1'-0"
- Half scale
- Full scale

WELCOME TO THE TILLAMOOK COAST

HARDWARE CAP
- 3/4" sq. for 9" x 9" post
- 2" sq. for 6" x 6" post
- Tamper-resistant hardware, detail by fabricator
- Prototype OPTIONS required: one with powder-coated finish (C4: Tillamook Basalt), one unfinished

POST END-CAPS / SINGLE POSTED GATEWAYS, DIRECTIONALS, MARKERS & VISIT TILLAMOOK SIGNAGE
- Constructed of galvanized steel with welded joints.
- To fit snugly over angled wooden post
- Made of 1/4" stock, to accommodate 8" sq. and 6" sq. posts. Side walls are 1" high. Angle varies to sign type
- Tamper-resistant set-screws on sides
- Detail by fabricator
- Prototype OPTIONS required: one with powder-coated finish (C4: Tillamook Basalt), one unfinished

POST END-CAPS / MONUMENTAL & DOUBLE POSTED GATEWAYS
- Constructed of galvanized steel with welded joints.
- To fit snugly over angled wooden post
- Made of 1/4" stock, to accommodate 9" sq. and 6" sq. posts. Side walls are 2" high. Angle varies to sign type
- Tamper-resistant set-screws on sides
- Prototype OPTIONS required: one with powder-coated finish (C4: Tillamook Basalt), one unfinished

Panel Substrate and Graphics

Powder-coated aluminum "boards" mounted to solid background of same color, with "grooves" created by spaces between boards. Graphics cut from 1/8" aluminum, powder-coated, flush mounted. Smallest typography (The Dairylands) can be cut-vinyl graphics.

Following dimensions for "boards and grooves."

<table>
<thead>
<tr>
<th>Sign Type</th>
<th>Board Width</th>
<th>Gap Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gateway Monumental</td>
<td>5-3/4&quot;</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>Gateway Double Post</td>
<td>4-3/4&quot;</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>Gateway Single Post*</td>
<td>4-3/4&quot;</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>Electronic Message Center*</td>
<td>5-1/2&quot;</td>
<td>1/4&quot;</td>
</tr>
</tbody>
</table>

* Not included in this bid package

Notes:
- Graphics and boards are one side, facing traffic
- Digital graphic file to be provided by client/designer
- Graphic Panel is framed with a flush-to-graphic welded steel frame
- Some prototyping will be necessary
- Visible welds to be continuous and ground to provide a smooth surface

NOTES
- Graphics and boards are one side, facing traffic
- Digital graphic file to be provided by client/designer
- Graphic Panel is framed with a flush-to-graphic welded steel frame
- Some prototyping will be necessary
- Visible welds to be continuous and ground to provide a smooth surface

Welcome Sign / End Caps and Details
Welcome Signs / Color Specs and Finishes

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Scale:
- $\frac{1}{2}" = 1'-0"
- $\frac{3}{4}" = 1'-0"
- $1" = 1'-0"

Half scale
Full scale

Tilted concrete.
Samples provided to designers for selection

- Metal "boards" and grooves: powder-coated top, sides and under substrate.
  - Upper panel portion: C1: Tillamook Orange
  - Lower panel band: C4: Tillamook Basalt

- Powder-coated cut aluminum letterforms and graphics:
  - C9: White

- UV inhibitor treated wood

- Tinted concrete.

- Metal "boards" and grooves: powder-coated top, sides and under substrate.
  - Upper panel portion: C1: Tillamook Orange
  - Lower panel band: C4: Tillamook Basalt

- Powder-coated cut aluminum letterforms:
  - C9: White

- 3M High Performance Vinyl:
  - C9: White

- Unfinished galvanized steel— with option: powder-coated
  - C4: Tillamook Basalt

- Same color specs
NOTES

- Wood components: Western Red or Port Orford Cedar, UV inhibitor
- Digital graphic file to be provided by client/designer
- Sign, base and hardware to be engineered (wind, soil) by fabricator.
- Footing plan by fabricator (to be shown in Construction Drawings). Breakaway.
- Galvanized steel hardware, some prototyping of 'bracket' hardware will be necessary. Welds to be continuous and ground smooth. Powder-coated option for endcap and footing hardware
  (C4 Tillamook Basalt, see color palette)
- Graphic Panel is framed with a flush-to-graphic 3/8" welded steel frame, 3" wide
- Break away where applicable
- Some prototyping

These drawings are meant for DESIGN INTENT ONLY and are not for construction. Fabricator shall verify and be responsible for all dimensions, code requirements and site conditions. Shop drawings, engineering, and details must be submitted to client for approval prior to proceeding with fabrication.

- Wood components: Western Red or Port Orford Cedar, UV inhibitor
- Digital graphic file to be provided by client/designer
- Sign, base and hardware to be engineered (wind, soil) by fabricator.
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  (C4 Tillamook Basalt, see color palette)
- Graphic Panel is framed with a flush-to-graphic 3/8" welded steel frame, 3" wide
- Break away where applicable
- Some prototyping