# CITY OF BAYFIELD

WAYFINDING SIGNAGE MASTERPLAN

RITTENHOUSE AVE

November 9, 2022

Schematic Design II



1112 Pearl Street Boulder CO 80302 303.447.8202

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Stantec ViBE 1112 Pearl Street Boulder, CO 80302

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Schematic Design Sept. 14 Presentation

# LOOKS KITSCHY...

LOOKING FOR:

UNDERSTATED SIMPLE ELEGANT MONOCHROMATIC CLEAN CONSISTENT EASY TO READ ECONOMICAL

INCLUDE BROWNSTONE, PLEASE



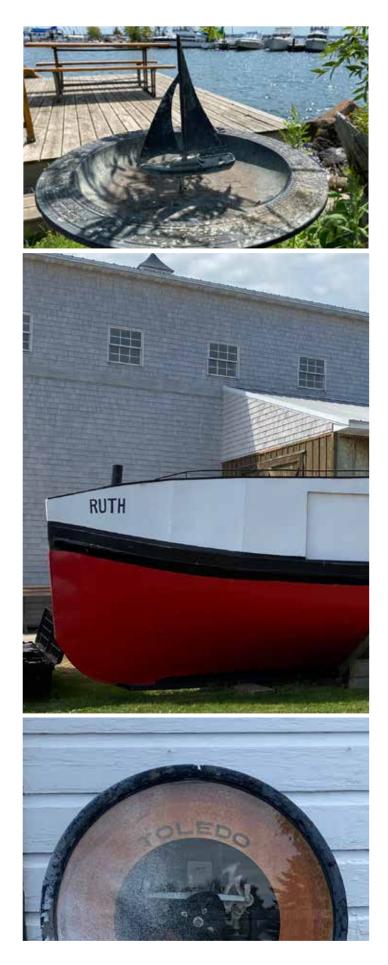
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Bayfield Response to Sept. 14 Presentation

# **Design Brief** Desired Outcomes



# **SUITABLE**

a strategic wayfinding program that doesn't compete with the natural beauty or historic values

# MINIMAL

a wayfinding program that uses creative strategies to limit the number of signs installed

# **ECONOMICAL**

wayfinding signage that allows the City to update and maintain on their our own

# **UNIVERSAL**

a vehicular and pedestrian oriented system with an emphasis on visitors



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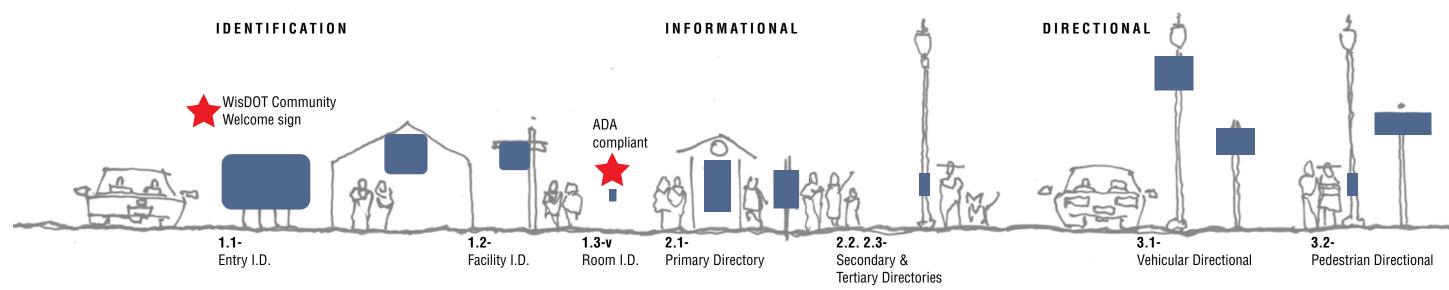
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Design Brief Desired Outcomes

# Sign Inventory

Page No.	Sign Type	Preliminary Qty.	Installation	Description
	1. Identification			
1.1	Entry I.D.	-	Freestanding	The Welcoming gateways positioned at each entry into Town
1.2	Facility I.D.		Wall, Post-mount	Identification of public-use destinations: parking lots & restrooms
1.3	Room I.D.		Wall	ADA compliant sign panel identifying permanent rooms and spaces: restrooms
	2. Informational			
2.1	Primary Directory		Freestanding	Freestanding structures with Brown Stone bases placed in strategic locations.
2.2	Secondary Directory		Post mount	Larger-scale panel mounted to posts in destination areas: typically parking lots
2.3	Tertiary Directory		Post mount	Smaller-scale panels mounted to the City's light posts: typically the I-13 corridor
2.4	Temporary/Movable Informational		Movable	Adapt or modify existing Temporary units to fit new look & feel
	3. Directional			
3.1	Primary Vehicular Directional		Post mount	I-13 WisDOT compliant sign panels
3.2	Pedestrian Directional		Post mount	Pedestrian-scaled and positioned graphic panels located on City light posts or new, low height cedar posts





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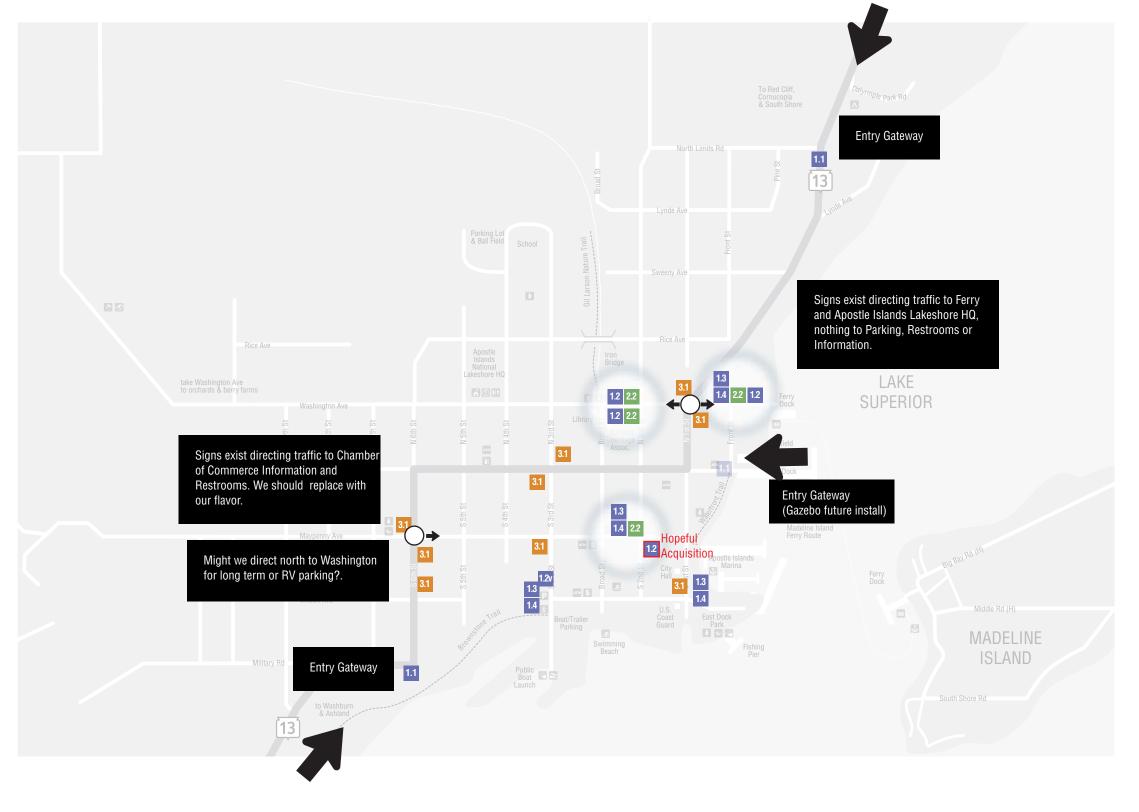
# WisDOT Community Wayfinding sign

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Sign Inventory

## **Location Plan** *Approaches/Vehicular Directionals*





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#### **IDENTIFICATION**

1.1 Entry I.D. Facility I.D. 
 12
 Par

 13
 Res

 14
 Room I.D.
 Parking Restrooms

## INFORMATIONAL



2.1 2.2 2.3



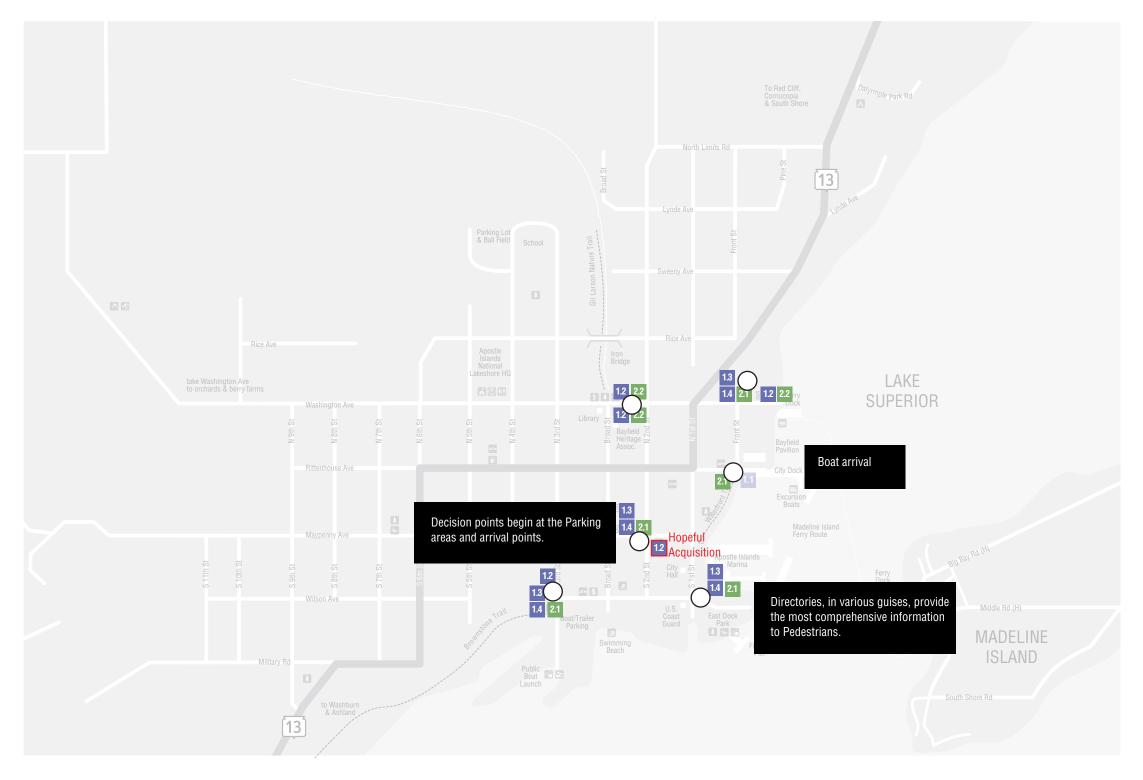
#### DIRECTIONAL

3.1 Vehicular Dir 3.2 Pedestrian Dir Date Issued 11.09.2022

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Location Plan Approaches Veh Dirs

# Location Plan Parking/Directories





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#### IDENTIFICATION

1.1 Entry I.D. Facility I.D. 
 12
 Par

 13
 Res

 14
 Room I.D.
 Parking Restrooms

## INFORMATIONAL





#### DIRECTIONAL

3.1 Vehicular Dir 3.2 Pedestrian Dir

O Decision Points

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Location Plan Parking/ Directories

## **Location Plan** *Pedestrian Directionals*





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#### IDENTIFICATION

1.1 Entry I.D. Facility I.D. 
 12
 Par

 13
 Res

 14
 Room I.D.
 Parking Restrooms

## INFORMATIONAL



2.1 2.2 2.3



#### DIRECTIONAL

3.1 Vehicular Dir 3.2 Pedestrian Dir

O Decision Points

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Location Plan Pedestrian Directionals

# WisDOT Municipal Welcome Signs

#### Overview

A municipal welcome sign is an official sign installed and maintained by a municipality that informs motorists of a municipality's territorial boundary. Municipal welcome signs are not outdoor advertising signs or traffic control devices. A municipality may be a town, village, city or county. It does not include an unincorporated community.

#### Location

On the state highway right of way As close to the right of way line as possible Out of the clear zone May not be placed on Interstate right of way

Size No limitations

Content May include logos, graphics and/or taglines (slogans)

May not contain: Commercial messages, business names or sponsorships Other official or service club signs Electronic message boards Static message boards Auxiliary placards Memorials

Fabrication, installation, maintenance, and relocation Paid for by the municipality (applicant) Relevant law and policy Wis. Stat. s. 84.30(2)(hm) Wis. Stat. s. 86.19(1n) Highway Maintenance Manual 09-20-30

#### Application

Form DT1812, Application/permit to work on highway right of way Include detailed drawing of the proposed sign along with location diagram Additional information for work on highway right of way permits, see webpage Application Fee: None

Questions regarding specific municipal welcome sign installations Contact the appropriate WisDOT transportation region office

#### Other Requirements

Application must be filled-out and signed by an elected official or authorized employee of the municipality

Municipality must be self-insured or carry sufficient insurance for the sign Only one municipal welcome sign is allowed per each state highway direction that crosses a municipal boundary - even if the highway crosses a boundary more than once

The municipal welcome sign\* must:

Be installed to inform motorists of the territorial boundary of the municipality Be located within the territorial boundary of the municipality Be located entirely on state highway right of way (includes overhang) Be installed and maintained by a municipality

Not constitute a safety hazard (i.e., located out of the clear zone)

Not obstruct, conflict or interfere with official traffic control signs and devices Not obstruct or interfere with the vision of motorists navigating any intersection.

which includes all driveways

\* Including any applicable landscaping

# TEOpS 2.15.6 **Community Wayfinding Sign Programs**

Community must prepare a Masterplan for applicatio

#### SIGN DESIGN STANDARDS Shape

The shape of the signs shall be rectangular and may have rounded corners. A rounded or other regular geometric shape on the top will be allowed to accommodate a logo.

#### Pictograph

Only one community pictograph may be incorporated in the top of the sign subject to WisDOT approval. If used, it shall be simple and easily recognizable. The height of the pictograph shall not exceed two times the height of the upper-case letters of the principal legend on the sign. For coordinated programs, a unique pictograph for each municipality may be used. If a community name is to be displayed at the top of the sign panel, instead of or in addition to a pictograph, the lettering shall be of a size, font style and high color contrast for motorists to read at the posted speed. All signs in a Community Wayfinding Signing program shall have the same format. If a community pictograph, and/or name, and/or street name, is to be used on any sign, it shall be used on all signs in the community program.

#### Facing

Sign panel legends and backgrounds shall be reflective to meet the minimum standards of High Intensity sheeting.

#### Color

Colors shall meet the standards for highway colors specified by the Federal Highway Administration. Color combinations shall have high contrast. Two-color combinations which may be used are:

- 1. White or yellow on blue, green or brown.
- 2. Blue, green, black or brown on white.
- 3. Red or orange on white, but not the reverse.

4. A third color, if used, must provide suitable contrast (i.e., not red on blue).

The background colors of orange, red, yellow, purple, or the fluorescent versions thereof, fluorescent yellow green and fluorescent pink shall not be permitted on Community Destination Signs. One background color is preferred. A third color for the logo area may be used, or that area may be reversed in color. Color plaques or accents shall not be used under arrows or destination names. Lettering, arrows, and border shall be the same color.

#### Border

Border is optional. If used, it shall be plain, retroreflective, not decorative, and the same color as the letters.

#### Lettering & Sign Size

A minimum Series B font as specified in the Standard Highway Signs manual is preferred. A similar font is allowable, unless the style detracts noticeably from leaibility.

The preferred letter size is 6" Upper Case/ 4 ½" Lower Case. In areas, where the posted speed is less than 35 mph. a minimum 5" Upper Case/ 3 <sup>3</sup>/<sub>4</sub>" Lower Case or 5" Capital Letters will be allowed.

The resulting sign width shall not exceed five feet adjacent to a roadway posted at 35 MPH or above. The sign width shall not exceed four feet adjacent to a roadway posted at 30 MPH or below.

#### Arrows

Arrows shall be as big in dimension as the lettering, and the same color as the adjacent lettering. The arrows shall not have encircling accents, or contrasting mini-backgrounds. Arrows shall be left of the message for left destinations, and right of the message for right destinations. Ahead arrows shall not be used except in combination with left and/or right arrow(s) and destination(s) to pull through to one major area destination, such as DOWNTOWN, or direct ahead to one or more qualifying destinations where the through route turns. When used, ahead arrows shall be on the left side of the top line.

#### Destinations

Destinations/attractions on a community destination sign shall be displayed (from top to bottom of sign) in the following sequence: 1. ahead destination (if used); 2. left-oriented destinations/attractions (closest to furthest); 3. right-oriented destinations/attractions (closest to furthest). Community Wayfinding Signs should be limited to three destinations per sign.

Sign Installation Standards Signs shall be installed by the community on separate supports furnished and typically used by the community. They shall not be combined with other signing by the community or the Department.

#### Size

35 MPH or greater: 60" max width 30 MPH or less: 48" max width

#### Sign Posts

Sign supports shall conform to TEOpS 2-15-52 .: SIGN POST DESIGN POLICY ON STATE MAINTAINED ROADWAYS 1. On state maintained roadways, 4"x 6" wood posts and 2"x 2" square steel posts are typically used for sign posts. Municipalities may be allowed to install signs on customized posts. The municipality shall pay for the cost of the customized posts.

2. Any customized posts allowed shall be NCHRP 350 or MASH crash compliant. The municipality shall provide Wis DOT a copy of the certification letter from the Federal Highway Administration. 3. A permit for non-standard sign supports shall be filled out by the municipality and signed by the City/Village Engineer or Director of Public Works or Official Governmental Representative and, upon approval, the Wis DOT Region Traffic Operations Engineer. A sample Application/Permit form is shown in Figure 4.

4. Municipalities may be allowed to paint the posts a neutral color that does not detract from the face of the sign. Acceptable neutral colors are black, brown or dark green.

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WisDOT Guidelines

# Entry I.D.



For uniformity, it is desired that all Community Wayfinding and Municipal Welcome signs have the same monochromatic color scheme. Smaller signs mounted on the black light posts might have a black frame/panel to be the least conspicuous. Working backwards from there, we're suggesting that black color scheme here.

Fabricated cabinet construction sign panel with radius corners. 1/2" Cut-out metal letters secured to the face with reflective vinyl faces. We *could* make the face retroreflective, to be more WisDOT-like.

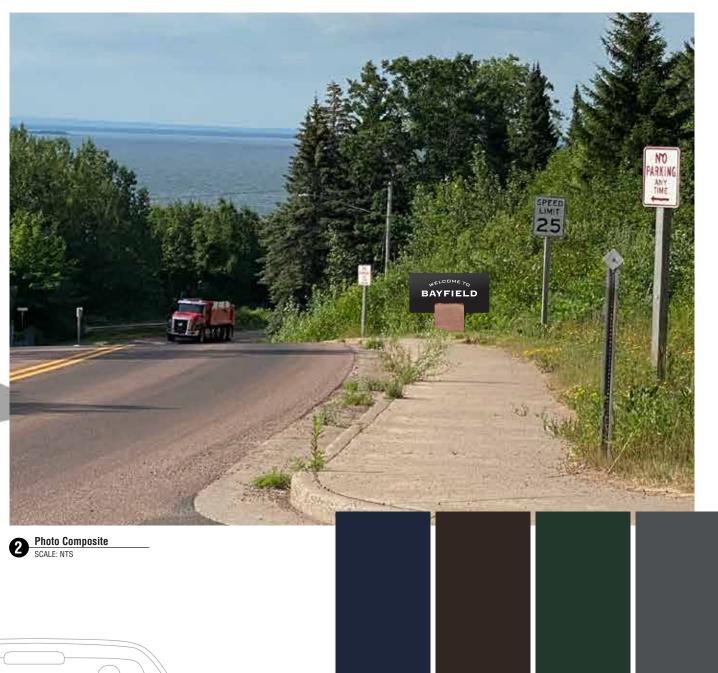
Monolithic brown stone veneer base with notch in top. Inner surfaces of notch have concealed black metal vertical structure and hardware to secure the cabinet. Illustrated here is the cleanest, most reserved option, with only text, no border.

Community Wayfinding signs are required to be rectangular in shape. Municipal Welcome signs may be any shape desired.

There is a strong desire for uniformity in this program, so we are suggesting a rectangular Welcome sign with radius corners and of similar proportions. Memorable 1:2 ratio for the rectangle to be consistent throughout (except for square format).



Brown stone base material could come from the City's reserves of stone. Larger blocks could be sliced into veneer slabs or block forms could be used. A less expensive alternative would be to use split-faced colored CMU units (similar to Fountain Park). A further less expensive option would be to use a poured-form with colored concrete.



If not black...

on the I-13 corridor.



Elevation SCALE: 1/2"= 1'-0"

3'-0"

Signs mounted to the black light posts of any very dark value of color are almost as inconspicuous as black. We can have any field color we like, a much darker blue, brown, green or gray might be considered.

We're coordinating the field color for painted signs, such as this, with the retroreflective signs, required by WisDOT

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Schematic Design II

Entry I.D.

# Entry I.D.



Axonometric Views SCALE: NTS

> Monolithic brown stone veneer base. Sign cabinet is mounted to a fabricated top cap assembly for the stone plinth. Connection assembly includes expressed fasteners and gusset supports.

Illustrated here is a simple, WisDOT-compliant single line border. Curved brown stone block base with a curved sign cabinet make for a more gracious gesture. Sign cabinet floats above wall supported by (3) steel posts.

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Illustrated here is a more memorable decorative border for distinction.





Vertical sign cabinet mounted to the face of a vertical brown stone block wall. Narrower surface, simpler sans serif fonts and a smaller-scale decorative border make for a most restrained presentation.







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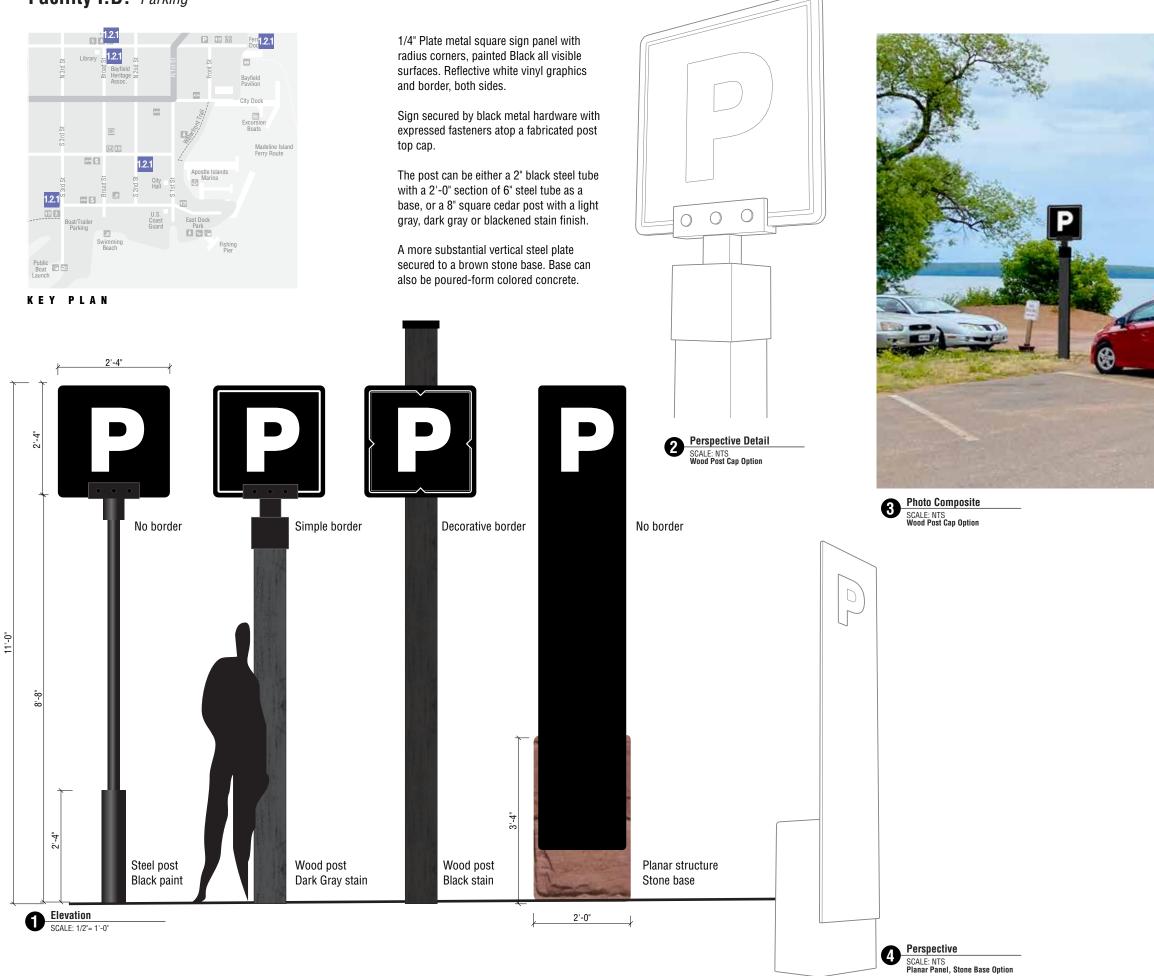


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Schematic Design II

Entry I.D.

# Facility I.D. Parking





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Darker gray cedar stains are illustrated here, to further minimize the contrast between the support posts and the black metal hardware. A black cedar stain, for the *least* amount of contrast, might be considered.

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Schematic Design II

Facility I.D. Parking

# Facility & Room I.D. Restrooms





Restrooms

6'-9"

Decorative border

2 Single Panel Options SCALE: 3/8"= 1'-0"









**Photo Composite** SCALE: NTS

White letters mounted to

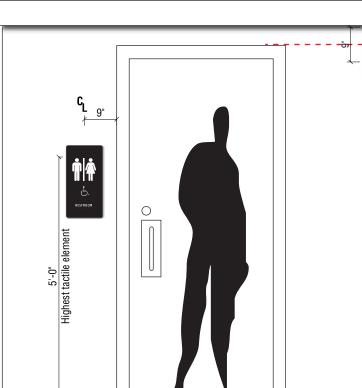
rail and hang down from

the forward eave face.

White icon mounted on building face, aligning with

the tops of the doors.





It was desired to use the International Symbols wherever possible.

To be considered whether

or not we accompany the

icons with text.

#### Separated Bldg. I.D. Signs Letters

.5" Plate aluminum letters all welded to a connecting angle stock rail. Letters are painted White all visible surfaces, the rail painted to match field. Rail secured to the underside of the forward edge of the eave.

#### lcon

.25" Plate aluminum icon mounted flush to wall surface, with all stud penetrations occurring in grout lines. Icon is Ipainted White, all visible surfaces.

#### Room I.D. Signs

ADA compliant tactile sign panel with raised border, icon, message and Grade II Braille. All raised elements to be kiss-painted white, except Braille, which is to remain the same color as the field.









Currently, all restrooms have their signs located on the doors. This is not ADA compliant, the signs should be located on the adjacent wall on the latch side of the door.

Done correctly, these signs would be relocated as required and would include a design that reflects the rest of the sign family.



4 Elevation SCALE: 2"= 1'-0"



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#### Schematic Design II

Facility & Room I.D. Restooms

# Facility I.D. Restrooms



Photo Composite
SCALE: NTS
East Dock Park Restrooms





B Photo Composite SCALE: NTS Brownstone Trail Restrooms



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> CITY OF BAYFIELD wayfinding signage masterplan

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Schematic Design II

Facility I.D. Restrooms



Photo Composite SCALE: NTS East Dock Park Restrooms







B Photo Composite SCALE: NTS Brownstone Trail Restrooms



Photo Composite SCALE: NTS Washington St Restrooms

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All restrooms would be signed in the same manner.

Various options illustrated here for comparison.

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Schematic Design II

Facility I.D. Restrooms

# **Directory** Primary

KEY PLAN



Units located at strategic entry points (Gazebo), strategic pedestrian points (1st & Rittenhouse) and Restrooms.



Flat signs make for much less visual clutter.

or cast-form colored concrete.

only this panel requires replacing.

base.

Butcher block profile assembly supported by Brown Stone base. Stone may be guarried stones from the

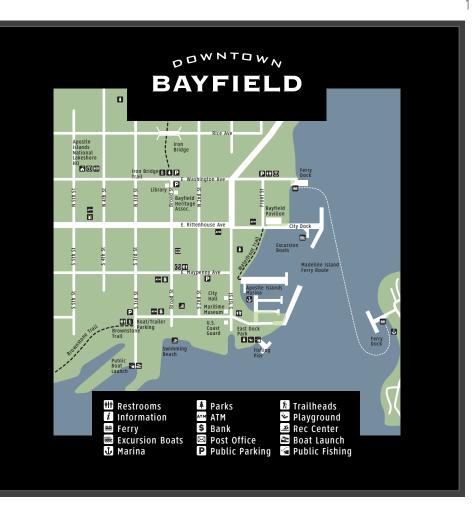
Town's material reserve, colored rock-face CMU units

Directory panel is a printed HPL (High Pressure

Laminate) panel secured to the angled top of the

International symbol icon plaques on each side of

fabricated top cap for the base. For changes/updates,

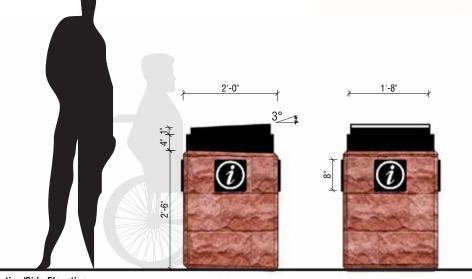








A Layout Option SCALE: 2"= 1'-0"



Elevation/Side Elevation SCALE: 1/2"= 1'-0"

Angled top pan has 1/4" raised perimeter edge, HPL panel sits flush with the edges.

Graphic layout shown here has the header and plan's legend slightly outboard of the plan graphic.

Same layout, brighter color palette, simple, single stroke, WisDOT border



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Schematic Design II

Directory Primary



# Directory Primary





Photo Composite SCALE: NTS East Dock Park Restrooms

Strategic locations, such as this, offer the Visitor their first glimpse of the offerings available.

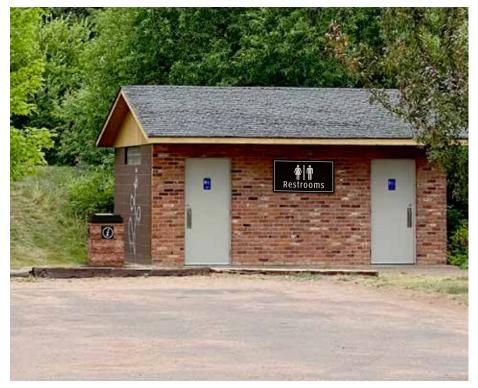
Restrooms offer another moment of pause and collection. These are good locations to provide "what's the next step".







Photo Composite SCALE: NTS Brownstone Trail Restrooms





B Photo Composite SCALE: NTS Maypenny Restrooms

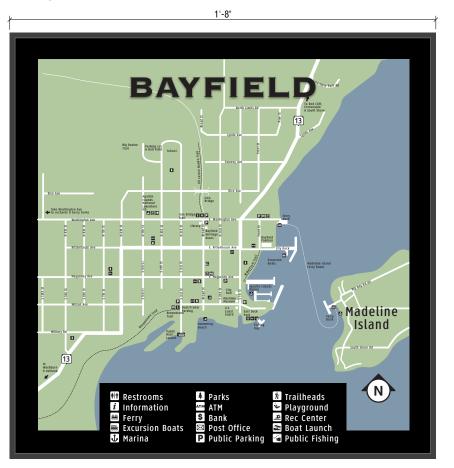
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Schematic Design II

**Directory** Primary

## **Directory** *Primary Panel Layouts*



Illustrated here is a more regional cropping of the plan to include the orchards to the west and much of Madeline Island to the east. This plan may be desired for waterfront or Welcome Center locations.



Illustrated here is a slightly tighter cropping with a WisDOT-compliant border, to focus on the Downtown District, yet keeping a bit of Madeline Island in the frame. This may be desired for the Secondary Directories.



Tighter cropping still that focuses solely on the walkable Downtown District. This may be desired for the Tertiary Directories on the I-13 corridor.







Brighter palette versions of same.



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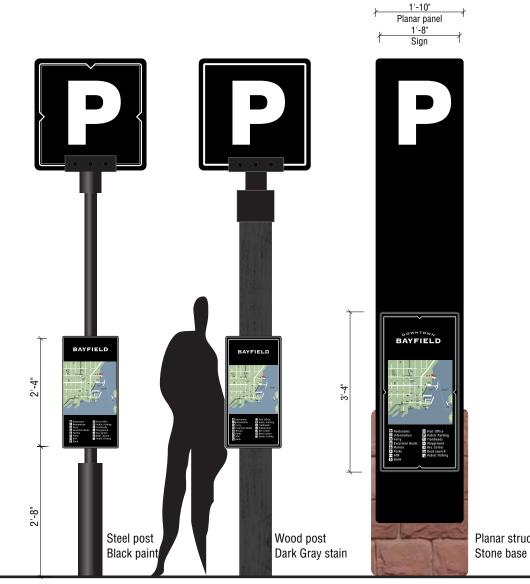
**Directory** Primary Panel Layouts

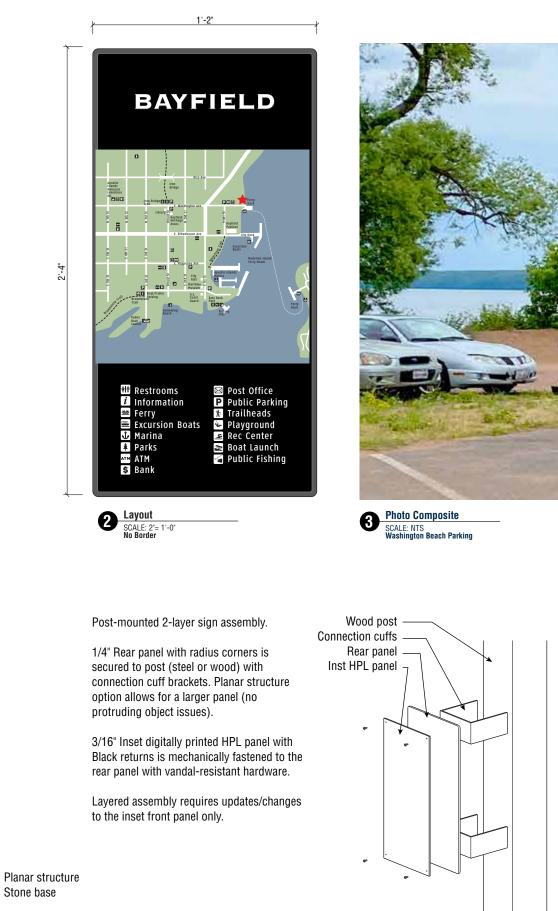
# **Directory** Secondary



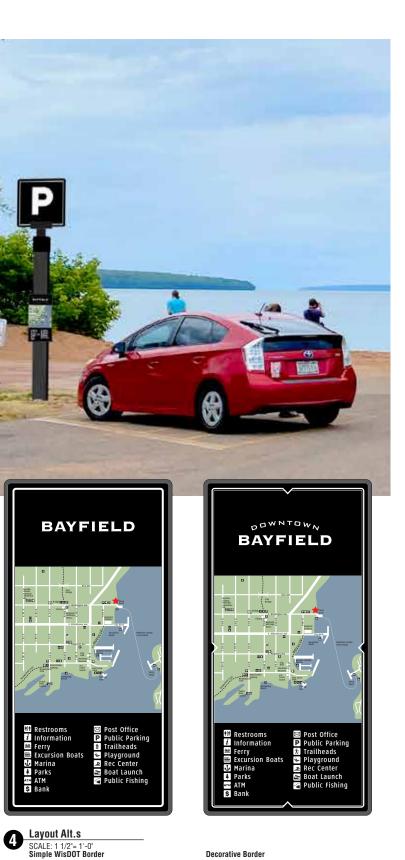
These smaller and less expensive units can be located at the peripheral parking areas.

KEY PLAN





Elevation SCALE: 1/2"= 1'-0"



Decorative Border

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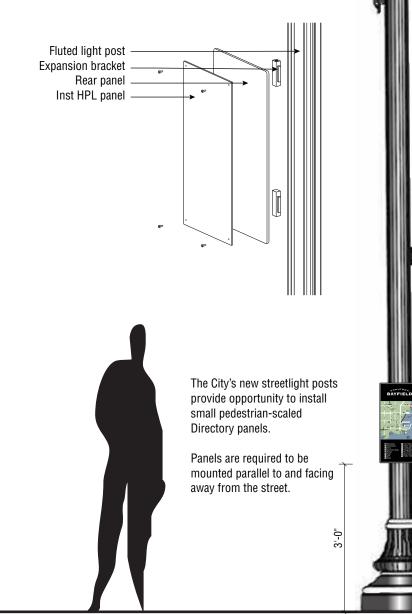
Schematic Design II

Directory Secondary

# **Directory** Tertiary









1'-8"

Post-mounted 2-layer sign assembly.

1/4" Plate metal rear panel with radius corners, painted Black all visible surfaces.

3/16" Inset digitally printed HPL panel with Black returns is mechanically fastened to the rear panel with vandal-resistant hardware.

Sign assembly is secured to the City's lamp posts with a vertical expansion-type mounting bracket that fits within the post's face channels and locks into place.

Deduct Alt.- Sign assemblies are secured with a typical, black-finish Band-It type product.

Layered assembly requires updates/changes to the inset front panel only.





Simple, single stroke WisDOT-compliant border.

Decorative border,

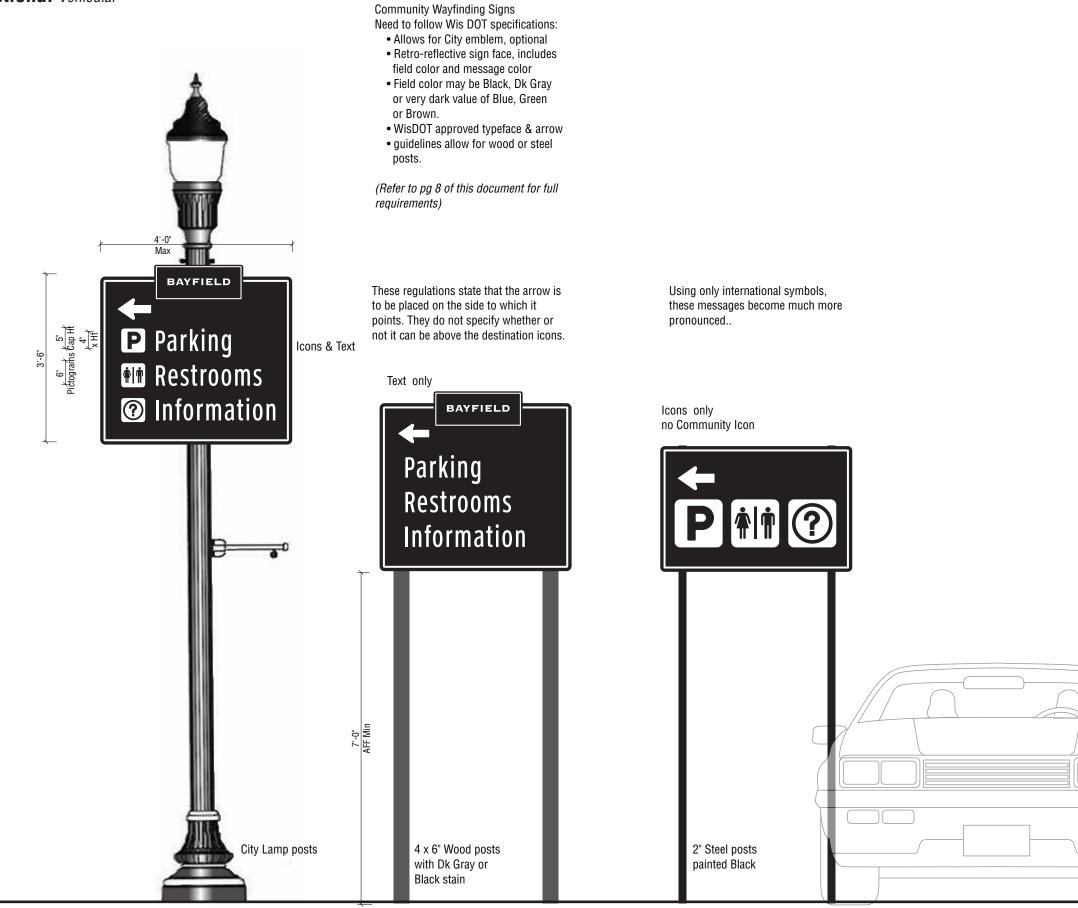
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Schematic Design II

Directory Tertiary

# Directional Vehicular





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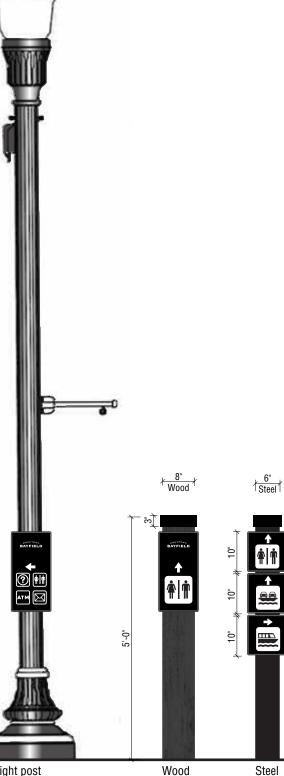
**Directional** Vehicular

# **Directional** Pedestrian



Alternatively, the City's light posts can be used for specific Directional messaging rather than the general Directory plan. Singular or multiple destinations can be used.

Single or multiple panels may be used as well.





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Sign assembly is secured to the City's lamp posts with a vertical expansion-type mounting bracket that fits within the post's face channels and locks into place.

**Deduct Alt.-** Sign assemblies are secured with a typical, black-finish Band-It type product.

For locations without lamp posts, signs to be secured to an 8" cedar post with a Dark Gray or Black stain finish or a 6" square steel post painted Black. Posts to have a fabricated metal cap, painted Black.

border

and the second

Light post Outline icons

(landscaping) (hardscape) Multiple single-icon panels

Solid icons

Elevation SCALE: 1/2"= 1'-0"



Solid multiple direction icons, simple, single stroke WisDOT

Outline single icon Decorative border

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Schematic Design II

Directional Pedestrian

## Inventory Summary Color Studies- Dk Blue



MP06678 Night Mission



Entry I.D.



Room I.D.- Restrooms

Primary Directory

Facility I.D.- Parking

DOWNTOWN BAYFIELD



Facility I.D.- Restrooms



Vehicular Directional

BAYFIELD



Playground

📕 Boat Launch

Public Fishing



Tertiary Directory

Secondary Directory

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Pedestrian Directional

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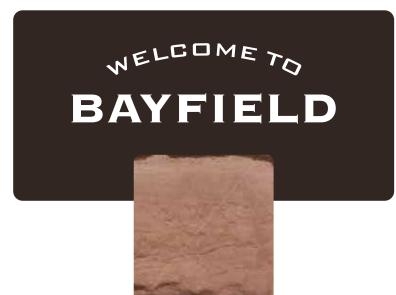
Schematic Design II

# Inventory Summary Color Studies-Dk Blue

## Inventory Summary Color Studies- Dk Brown



Matthews Paint Co MP07458 Cast Bronze



Entry I.D.



Room I.D.- Restrooms

Primary Directory

Facility I.D.- Parking

DOWNTOWN BAYFIELD



Facility I.D.- Restrooms



Vehicular Directional

BAYFIELD



Secondary Directory

Boat Launch





Tertiary Directory

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Pedestrian Directional

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Schematic Design II

# Inventory Summary Color Studies-Dk Brown

# Inventory Summary Color Studies- Dk Green



Matthews Paint Co MP16141 Catalan Forest





Facility I.D.- Restrooms



Vehicular Directional



Entry I.D.



Room I.D.- Restrooms

Primary Directory

Facility I.D.- Parking







Tertiary Directory

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Pedestrian Directional

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# **Inventory Summary** *Color Studies-Dk Green*

# Inventory Summary Color Studies- Dk Gray



Matthews Paint Co MP16141 Catalan Forest





Facility I.D.- Restrooms



Vehicular Directional (cannot have a decorative border)



Entry I.D.







Secondary Directory

DOWNTOWN



Tertiary Directory

Room I.D.- Restrooms

G

RESTROOM

Primary Directory

Facility I.D.- Parking

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Pedestrian Directional

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# **Inventory Summary** *Color Studies-Dk Gray*