



brand & wayfinding signage guidelines

June 15, 2017

FINAL DOCUMENT

★ Prepared for: Northeastern Indiana Regional
Coordinating Council, Fort Wayne, Indiana

The first part of the paper discusses the historical context of the research, tracing the roots of the theory back to the early 20th century. It highlights the contributions of key figures in the field and the evolution of the theory over time. The second part of the paper presents a detailed analysis of the empirical data collected from various studies. This analysis reveals the complex relationships between the variables under investigation and identifies the factors that most significantly influence the outcomes. The third part of the paper discusses the implications of the findings for practice and policy. It offers practical suggestions for how the theory can be applied in real-world settings and discusses the potential benefits and challenges of such applications. Finally, the paper concludes with a summary of the main findings and a discussion of the limitations of the current research and directions for future work.



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Executive Summary

Miles of paved trails existing within Northeastern Indiana have the goal of one day becoming a connected regional network for families, health advocates, and commuters to utilize and take them to various regional destinations. Still evolving, this Regional Trail System is represented by an identity that captures all of its assets, character, uses and potential.

This is Northeast Indiana United Trails.

The Trail System is used in many ways by many people, but at its core, connectivity to different areas of the Northeastern Indiana Region is what makes the trail special and a huge asset to the Region.

The United Trails Network includes both on- and off-street facilities. Existing off-street bicycle facilities consist of paved multi-use trails traveling through 12 counties. On-street bike lanes and routes follow the rectilinear street grid, while the off-street network largely follows miles of waterways and historic railroad lines. Small scale neighborhood trails feed into larger shared-use trails which extend through multiple counties. The focus of these wayfinding guidelines is the off-street bicycle network.

This document contains the results of the important process of gathering stakeholder and community input. The information within these guidelines will assist both current users of the trail network to find route options and discover new destinations, as well as entice non-system users to utilize the United Trails system. The wayfinding guidelines are aimed at both locals and visitors and are crafted to be easily understood and readily learned, while being legible and comprehensible to a wide range of users.

This document provides guidance for system brand applications, wayfinding element design, sign messaging, sign placement, and next steps. It should be used when signing new trails for the first time, as well as when replacing or retrofitting signs along existing trails. Agencies should follow these

guidelines and continue to coordinate with Northeast Indiana neighbors to assure that information is conveyed to travelers in a consistent manner. The United Trails Brand & Wayfinding Signage Guidelines are organized as follows:

Section 1: United Trails Brand Standards

The first section of the guidelines describes the United Trails Brand Standards. Fonts, colors, and accepted layouts and applications of the brand identity are detailed. Native artwork files shall be available from the Northeastern Indiana Regional Coordinating Council (NIRCC) so that member agencies may consistently replicate the system landmark while retaining the quality standards described within this document.

Section 2: United Trails Wayfinding Tools

Section 2 describes the United Trails Wayfinding Tools with the goal of creating a unified system of elements to guide and provide information to users of the trail network. A menu of sign options is provided, including graphic standards and design details.

Section 3: Wayfinding Guidelines

Section 3 provides guidance related to destination selection and sign placement. A hierarchy of destination types and selection criteria is given so that municipalities can consistently select and prioritize destinations for inclusion on signs. Placement guidance within this section describes how to sign the most typically encountered navigational challenges encountered while on the trail network.

Section 4: Management & Maintenance

The fourth section describes what to expect for the management and maintenance of a trail wayfinding system.

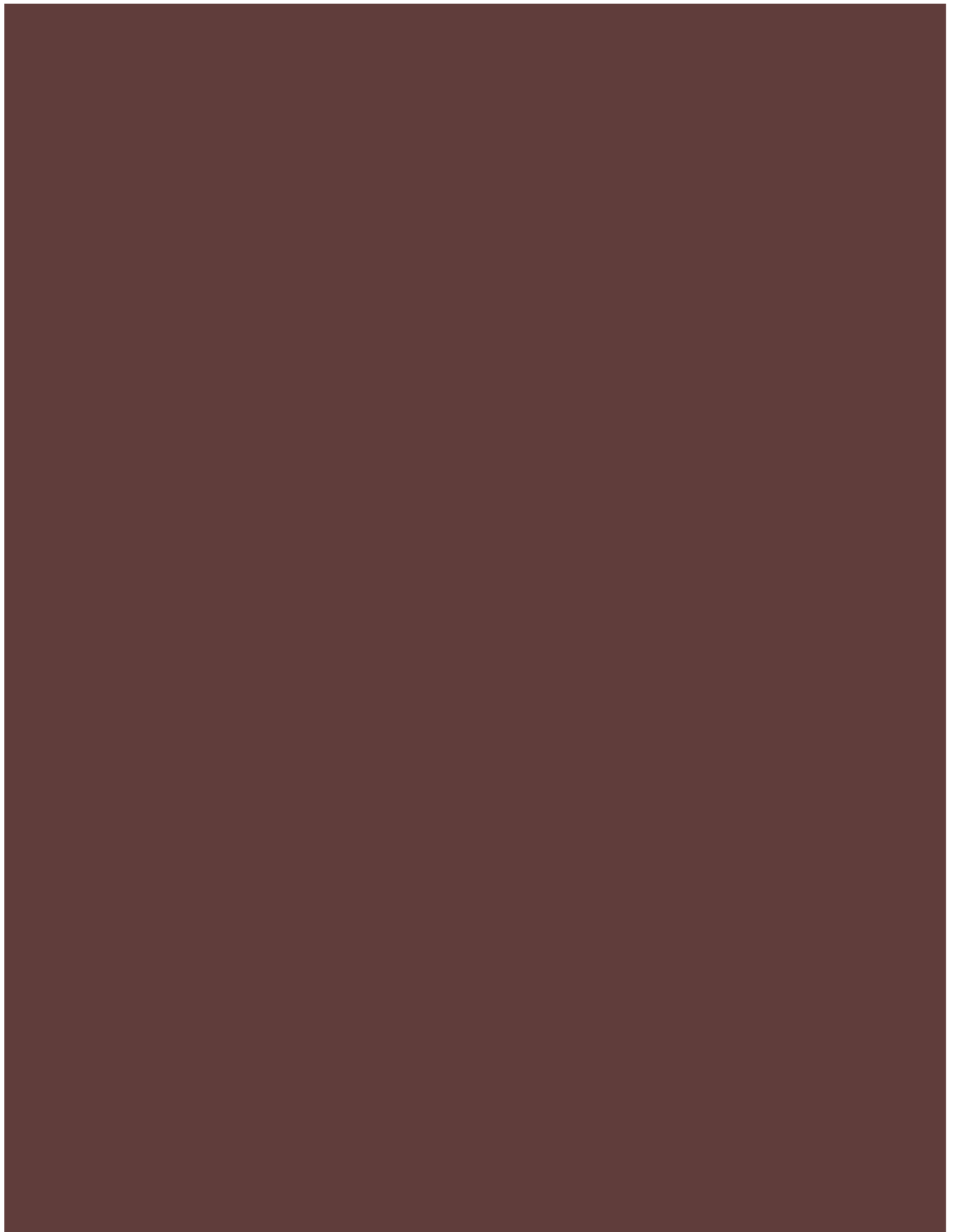
These guidelines are intended to offer flexibility to agencies that already have wayfinding signs in place while working towards the creation of a unified United Trails system.

These guidelines should be considered a first edition. They should be updated on a periodic basis to ensure that they remain compliant with federal standards, as well as remaining at the forefront of technical knowledge as the practice of wayfinding continues to evolve.

section 1

United Trails Brand Standards

- 1.1 Introduction
- 1.2 United Trails Brandmark
- 1.3 Poka-Bache Connector Brandmark
- 1.4 Color Palette
- 1.5 Typography
- 1.6 Imagery
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- 1.13 Branding the Trails



Miles of paved trails existing within Northeastern Indiana have the goal of one day becoming a connected regional network for families, health advocates, and commuters to utilize and take them to various regional destinations. Still evolving, this Regional Trail System is represented by an identity that captures all of its assets, character, uses and potential.

This is Northeast Indiana United Trails.

The Trail System is used in many ways by many people, but at its core, **connectivity** to different areas of the Northeastern Indiana Region is what makes the trail special and a huge asset to the Region.

Brand Promise

The Northeast Indiana United Trails promise is one of a safe, healthy outdoor transportation experience. Whether the goal is a commute to work, an exercise routine, a social activity or the best way to get to unwind after a long day, United Trails is that outdoor connection. This promise will only strengthen as the trail system continues to grow and connect the region even more in years to come.

Brand Personality

The Northeast Indiana United Trails brand reflects the tone and attitude of the trail system, as well as its role in the history of the Northeast Indiana area. It also incorporates the personalities of the people who populate the trails every day.

Brand Role

The Northeast Indiana United Trails Brandmark has been developed to represent the Regional Trail System. Its primary role is promote the System as an attraction and transportation corridor. The System is still evolving, but

the landmark is to remain constant as this change occurs. It promotes a visual connection throughout the region, linking counties, parks and destinations. It builds a feeling of trust, assuring users they are on the right trail.

The Northeast Indiana United Trails brand personality promotes:

CONVENIENCE

Northeast Indiana United Trails runs through eleven counties, it's easy to find access to a trail wherever you are in the region.

HEALTHY LIFESTYLE

Northeast Indiana United Trails are for pedestrians and bicyclists alike. Trails are wide and well maintained, offering a safe and beautiful exercise route.

OPPORTUNITY

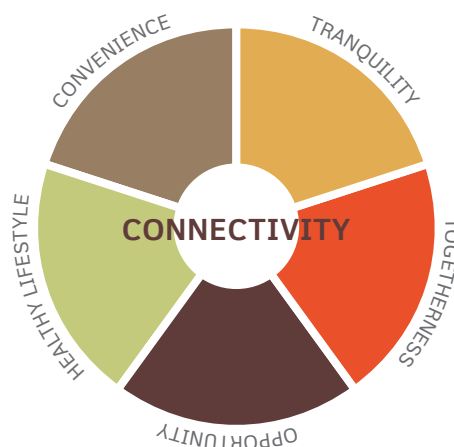
As the trail system expands and fills in gaps - the opportunity for greater connectivity and exploration grows.

TOGETHERNESS

All ages can enjoy time together on the Northeast Indiana United Trail system.

TRANQUILITY

No cars, no traffic jams, no horns or construction backups – just the serene, beautiful landscape of the region. A chance to reflect on the day, or recharge for the day ahead.



Brandmark

The distinctive Northeast Indiana United Trails brandmark reflects the environment, history and welcoming characteristics of this family-friendly, outdoor experience. The colors are representative of the landscape, sun and heritage of the trail system. The name United Trails describes how the system unites the region and the residents of Northeast Indiana. The trail disappears into the distance, symbolizing new routes to explore as the system continues to grow and evolve.

**Brandmark with Tagline**

The tagline: “Connecting Communities” is the approved tagline for the Northeast Indiana United Trails brandmark. It speaks to the fact that the trail system is about connectivity. It is a multi-use trail, for bicyclists, runners and walkers – families, commuters and exercise enthusiasts alike. As the trail system evolves this tagline becomes even more appropriate, as more regional assets and communities become connected.



CONNECTING COMMUNITIES

USAGE

The tagline should only be used in conjunction with the United Trails brandmark. The brandmark and tagline should be used in all advertising collateral or materials that are promotional in nature. For wayfinding the brandmark may be used without the tagline.

Poka-Bache Connector Brandmark

The Poka-Bache Connector brandmark may also be used as shown on banners, signage, maps and marketing materials.

This brandmark is the primary trail that connects the two state parks in the region - Pokagon State Park and Ouabache State Park. The Poka-Bache Connector is not yet complete. There are several trails that feed into the Poka-Bache Connector, as well as sections that already have established names, such as the Pufferbelly Trail.



Brandmark with Existing Trail Identities

Sections of the Poka-Bache Connector that have an established existing name and brandmark may use their brandmark on the trail. The correct hierarchy is shown at the right:

The Pufferbelly section
of the
Poka-Bache Connector
part of the
Northeast Indiana United Trails



The Northeast Indiana United Trails Brandmark is made up of three colors that represent the landscape the trail traverses through (lush fields and parks), the sun, representing the outdoors, and history associated with the trails, from railroads to American Indian heritage and history associated with nearby Fort Wayne. The colors also work well with other brands in the region.

PRIMARY PALETTE - Brandmark colors

Below are the Pantone® colors and CMYK, RGB and Web-safe color specifications.

PMS (Pantone® Matching System) is an industry standard system for color matching.

Pantone® is a registered trademark.

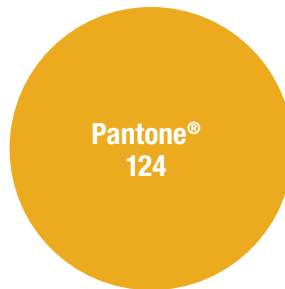


**Pantone®
7582**

C: 43.74
M: 64.32
Y: 74.55
K: 40.11

R: 105
G: 72
B: 54

Web:
#663333

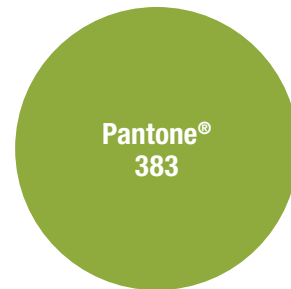


**Pantone®
124**

C: 7
M: 35
Y: 100
K: 0

R: 235
G: 171
B: 33

Websafe:
#ff9900



**Pantone®
383**

C: 39.28
M: 20.23
Y: 100
K: .9

R: 167
G: 173
B: 55

Web:
#999900

1-COLOR LOGO - Black or solid Primary Palette color

The 1-color logo has been specially designed to work with a limited palette. The logo color should be limited to one of the PMS Primary Palette colors, or Black.



CONNECTING COMMUNITIES

Typography is an important tool in branding. It can convey a personality. The Northeast Indiana United Trails typefaces are friendly and open, while at the same time modern and forward-thinking. They are also very legible at various sizes.

The Northeast Indiana United Trails Brandmark and tagline have been specifically spaced and kerned for consistency using these typefaces. Always use the approved Brandmark artwork and do not attempt to recreate the Brandmark using the typefaces below. They are shown here for reference only.

Primary Brandmark Typeface

The Primary Brandmark typeface is **Copperplate Bold**.

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

Secondary Brandmark Typeface & Tagline Typeface

The Brandmark Tagline typeface is **Houschka Bold**.

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Wayfinding Signage - Existing Trail Typeface & MUTCD Sign Messages

The Wayfinding typeface is **Clearview Highway**.

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

United Trails is an evolving network that connects the Northeast Indiana Region. It provides a way to exercise, a way to play, a way to get to work and a way to enjoy the outdoors, either alone or with others. For this reason it is important to choose photographic images that capture the personality of the Brand. In materials that market United Trails, choose images that show people of various ages, gender, and culture using the trails in a variety of ways. Rural trail sections as well as more urban trail sections should be shown. Photography of the landscape and natural features of the trails may be used as supporting images as well.

There should NEVER be images of an empty trail used in materials promoting the United Trails. Instead, show images of the trails being used. Do not reproduce photos that are of low or poor quality. Never use staged or contrived photography.

Below are some examples of good United Trails imagery.



Images from Visit Fort Wayne & Getty Images

Clear Space

Community input and careful design decisions resulted in the United Trails Brandmark. It is essential that the Brandmark be treated with care and respect.

A set clear area should be maintained around the brandmark when it is used at all times. This area should be the height of the "U" in the word **UNITED**. The clear area will vary depending on the scale the logo is used.

Brandmark



Brandmark with Tagline



Minimum Size

The Brandmark should not be used below a certain size, or it becomes illegible. Please refer to the guidelines below for the smallest size at which the brandmark may be used.

Brandmark



Brandmark with Tagline



It is always preferred that the Brandmark appear on a white or light-colored background. Below are examples of the Brandmark used correctly on a background.

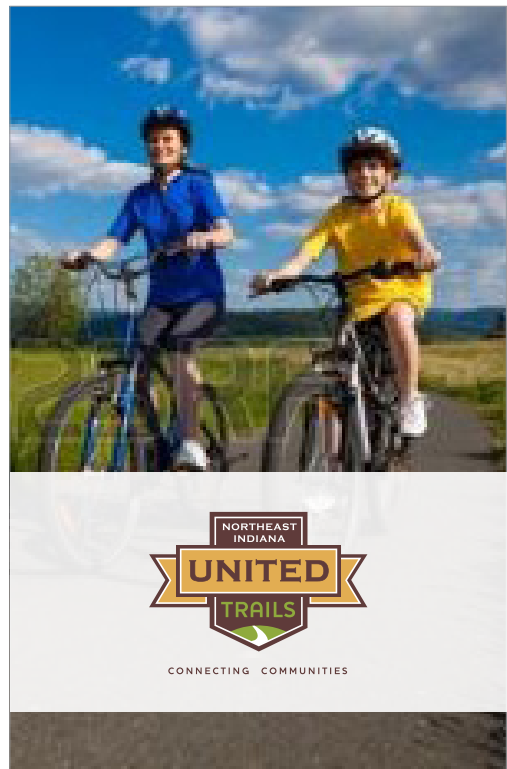
Usage on Dark Backgrounds

If a circumstance arises which requires a dark background, the Brandmark should be placed in a white or 90% screen of white contained box. Below is an example of the Brandmark used correctly on a dark background.

CORRECT



CORRECT



Examples of INCORRECT usage of the Brandmark

The United Trails Brandmark was created specifically for the Northeastern Indiana Regional Coordinating Council (NIRCC). It should be treated with care and respect. Using the Brandmark inconsistently will lessen its impact and tarnish the image of the trail system itself.

INCORRECT

- Do NOT stretch or distort the brandmark



- Do NOT rotate the brandmark



- Do NOT crop the brandmark



- Do NOT change the brandmark typefaces



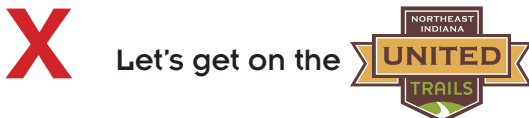
- Do NOT use the brandmark on a colorful/busy background



- Do NOT change wording, color, placement or size of the tagline



- Do NOT use the brandmark in a sentence

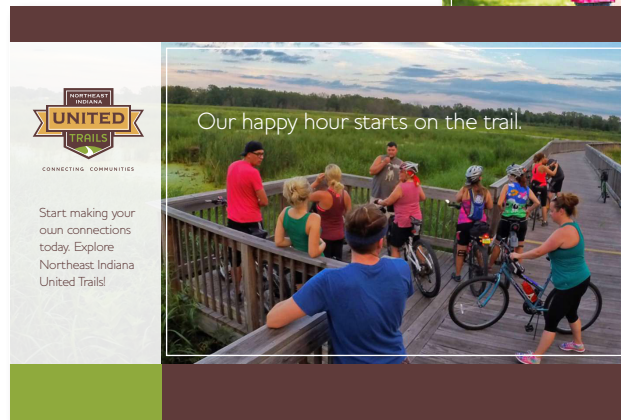
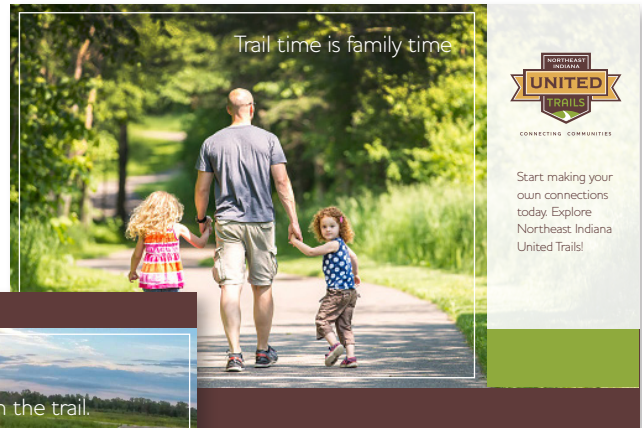


- Do NOT alter the colors of the brandmark



ADVERTISING

CORRECT use of the Brandmark



MERCHANDISE

CORRECT use of the Brandmark



WEBSITE

Creating a Northeast Indiana United Trails website with trail maps, events, construction updates and photo gallery would be an ideal way to promote and learn about the trail system. Currently, there is trail information on the NIRCC site, but it is not visible from the homepage. Adding a link on the homepage for the Northeast Indiana United Trails would be easy way do use the existing infrastructure more efficiently.



SIGNAGE

A variety of signage has been developed for the Northeast Indiana United Trails. The goal of the wayfinding signage is to create a unified look to wayfinding elements along the trail, assuring the user they are in a safe area and providing them with the direction they need to reach their destination.

Below is a sampling of these signs. These and other sign types are detailed in Section 2 of this guidelines document.



A Cohesive Look for United Trails

Northeast Indiana United Trails are made up of miles of trails that wind through neighborhoods and towns as well as parks and rural areas within a region spanning more than 10 counties. Seeing the same wayfinding elements along the trail, wherever they are in the region, helps the user trust that the information being presented is correct and promotes a sense of connectivity.

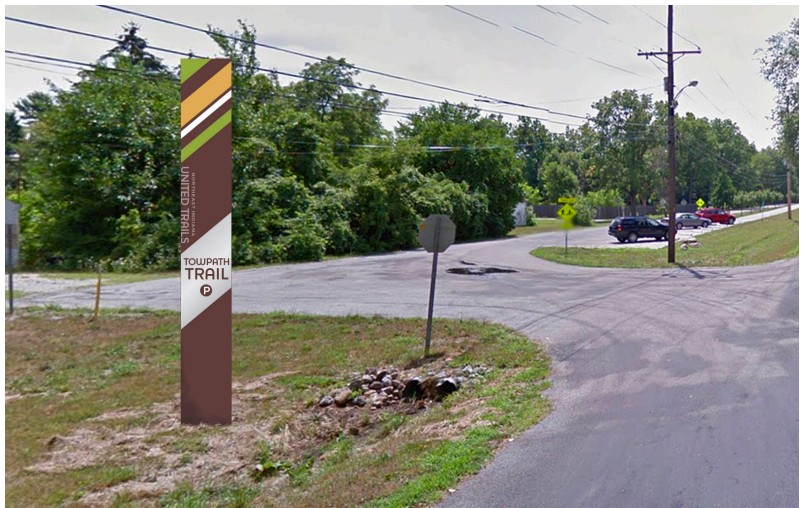
Aside from signage, there are other ways to brand the trail. There are also ways to mark the trail itself, with branded pavement graphics, painted underpasses, and use of consistent streetscape elements along the trail. Streetscape elements may use similar materials as the wayfinding signage, and may include:

- Branded Bike Racks
- Benches
- Shade Structures
- Trash receptacles
- Fitness Equipment

These elements are not traffic control devices, but ways the brand can be utilized along the United Trails System. Some examples are shown at the right. These are **examples only** and require further conversation with NIRCC.



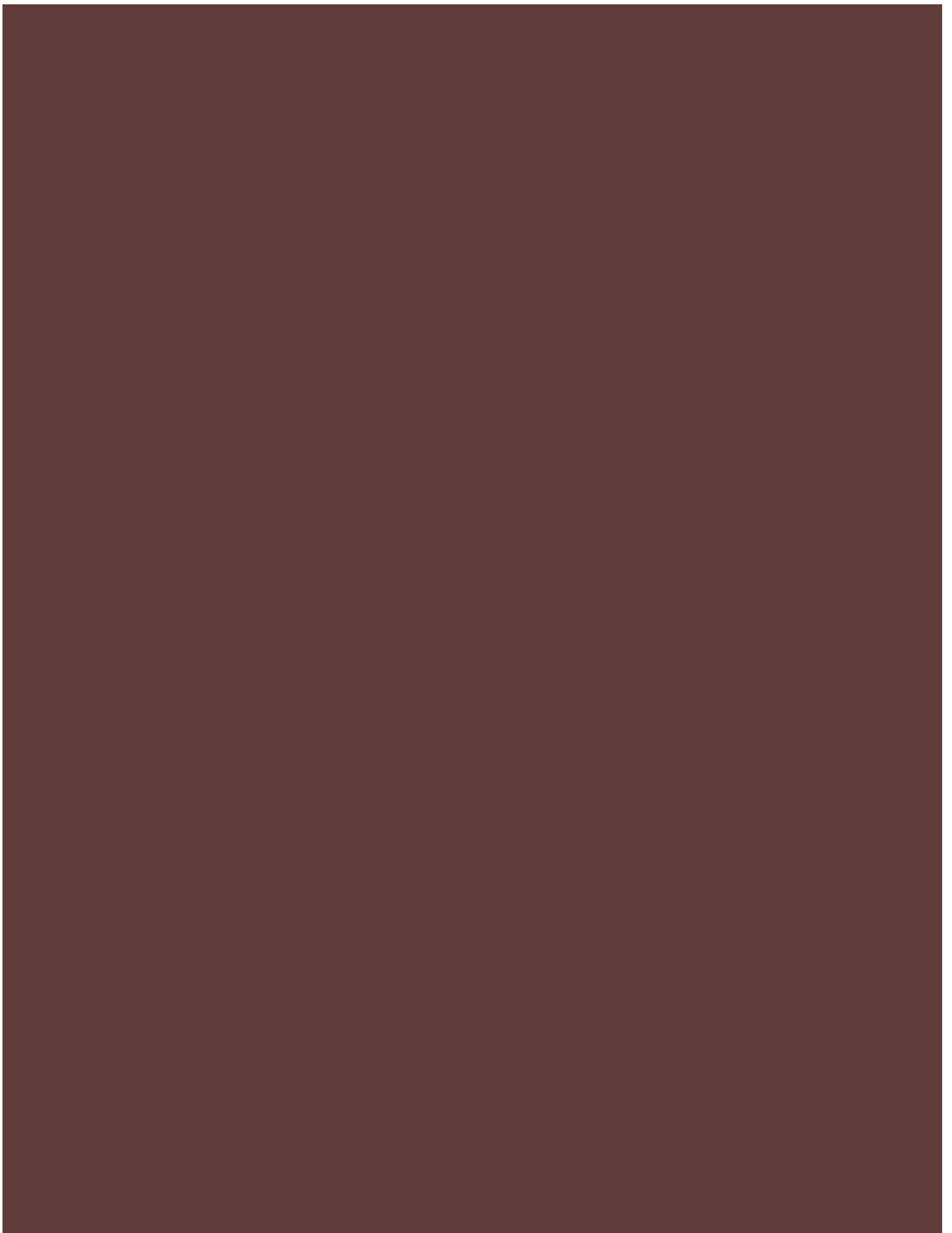
Trail signage



Trailhead signage - establish trail ID



Trash Receptacle (area for logo) Custom/Branded bike racks



section 2

United Trails Wayfinding Tools

- 2.2 Introduction
- 2.3 Graphic Standards
- 2.8 Menu of Sign Types
- 2.13 Signage Drawings
- 2.49 Signage Enhancements

Wayfinding Tools

A variety of wayfinding tools have been developed for the Northeast Indiana United Trails. This “Kit of Parts” will allow each city to address the wayfinding needs of the United Trails in their municipality.

It is important to maintain a cohesive look to the signage along the United Trails as it crosses the Northeast Indiana Region. There are opportunities for individual cities to be identified on some wayfinding elements, but the goal is to promote the Trail system first. For that reason, we have provided graphic standards to be used when implementing various wayfinding tools along the United Trails.

The sign drawings contained in this section are NOT shop drawings. Any county or municipality wanting to install United Trail signage must have shop drawings created by their sign shop or local fabricator and approved by the NIRCC. For larger structures, shop drawings may need to be signed and sealed by an Indiana registered architect or engineer.

Wayfinding Signage - MUTCD Sign Messages

The Wayfinding typeface is **Clearview Highway**.

Clearview Highway
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
 1234567890

Primary Brandmark Typeface

The Primary Brandmark typeface is **Copperplate Bold**.

ABCDEFGHIJKLMNOPQRSTUVWXYZ
WXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

Secondary Brandmark Typeface & Tagline Typeface

The Brandmark secondary typeface & Tagline typeface is **Houschka Bold**.

ABCDEFGHIJKLMNOPQRSTUVWXYZ
WXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Tertiary Typeface - Use on Brand Signage Elements

The Tertiary typeface is **Helvetica Neue 57 Condensed**.

Helvetica Neue 57 Condensed
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
 1234567890

TYPOGRAPHY & TYPEFACES

Please refer to Section 1 of this guidelines document for additional information about typography.

This page provides a reference for the typefaces for the United Trails Wayfinding Signage.

Typefaces may not be changed. During fabrication, the height and width ratio of letter forms must be maintained proportionately.

MUTCD Signage:

Typeface for MUTCD signs is Clearview Highway. Type must be title case or upper- and lower-case letters for primary destinations. All other words appearing on the signs should appear in all upper case.

Bicycle Signage:

Min. 2" high copy is recommended for signs used by bicyclists.

Pedestrian Signage:

1" high copy is recommended for pedestrian directional signs.

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

COLORS & MATERIALS

Consistent use of a color palette creates a recognizable “system”.

The Color Palette found on the following pages provides a reference for specifying a paint color or other material.

Paint is used as a protective coating when reflectivity is not required.

Reflective vinyl is required for MUTCD signs. It ensures additional visibility at night, promoting bike safety.

The Fabricator is required to submit painted color chips and material samples to the client for approval prior to sign fabrication.

The ADA requires a minimum of 70% contrast between text and background for the legibility.






PMS (Pantone® Matching System) is an industry standard for color matching.

Pantone® is a registered trademark.

Paint Colors

| | Name | Specification | Process |
|---|-----------------------------|----------------------------|---|
|  | P1 United Brown | To match PMS 7582 MP11559 | Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane w/ Clear Coat Satin finish. |
|  | P2 United Gold | To match PMS 124 MP05856 | Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane w/ Clear Coat Satin finish. |
|  | P3 United Green | To match PMS 383 MP00491 | Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane w/ Clear Coat Satin finish. |
|  | P4 United Gold Tint | To match PMS XXX MP12440 | Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane w/ Clear Coat Satin finish. |
|  | P5 United Green Tint | To match PMS XXX MP00492 | Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane w/ Clear Coat Satin finish. |
|  | P6 Pepsi Red | To match PMS 1797 MP12565 | Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane w/ Clear Coat Satin finish. |
|  | P7 Verizon White | To match PMS white MP27386 | Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane w/ Clear Coat Satin finish. |
|  | P8 Silver | To match silver MP18102 | Surface applied, exterior sign paint and protective top coat: MATTHEWS Acrylic Polyurethane w/ Clear Coat Satin finish. |

Reflective Vinyl Colors



| | Name | Specification | Process |
|---|-------------------------|--------------------|---|
|  | V1 United Brown | To match PMS 7582 | Background & Characters 3M custom inks applied directly to 3930 with 3M approved clear UV/Graffiti Vinyl Over-laminates.* |
|  | V2 United Gold | To match PMS 124 | Background & Characters 3M custom inks applied directly to 3930 with 3M approved clear UV/Graffiti Vinyl Over-laminates.* |
|  | V3 United Green | To match PMS 384 | Background & Characters 3M custom inks applied directly to 3930 with 3M approved clear UV/Graffiti Vinyl Over-laminates.* |
|  | V4 Pepsi Red | To match PMS 1797 | Background & Characters 3M custom inks applied directly to 3930 with 3M approved clear UV/Graffiti Vinyl Over-laminates.* |
|  | V5 Verizon White | To match PMS White | Background & Characters 3M custom inks applied directly to 3930 with 3M approved clear UV/Graffiti Vinyl Over-laminates.* |

A 3M warranty for reflective vinyl covers fading. Sherine Industries (see* below) provides a 3M warranty for custom colors against fading for 7 years. Contact Sherine Industries for more information.

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

*MUST comply with MUTCD section Table 2A-3 – Minimum maintained retroreflectivity levels.
 Approved Process: Durst RHO 161 TS printer. Sherine Industries: (604) 513-1887, or approved equal
 NOTE: All 3M products are to be processed and applied according to 3M specifications. The seaming of material is NOT preferred. If the height of a sign panel is greater than 48 inches, the 3M 3930 material should be oriented vertically with stripes at 0 degrees, to avoid the seaming of material. If seaming is required, it should occur at the rule line or between messages.

Materials

| | Name | Specification | Process |
|---|----------------------------------|---|--|
|  | M1 Aluminum | .080" Aluminum or greater | Unpainted aluminum with protective clearcoat |
|  | M2 Aluminum Sign post | 2" square aluminum post - standard | Painted aluminum |
|  | M3 Aluminum Sign post | .25" wall thickness 6" or 8" square | Painted aluminum |
|  | M4 Graphic panel | Direct Embed Product or Equal | Digital print to panel (M1) or Apply graphic to aluminum panel (M1) www.directembedcoating.com |
|  | M5 Vinyl Banner | Printed vinyl banner | Pockets to accommodate banner pole arms, Wind cuts if needed tethered to pole. |
|  | M6 Vinyl Guard Post Cover | N/A | Vinyl Guard Post Cover, 50' Per Box, 3"x.050 fits 2" Square Post www.tapconet.com |
|  | M7 Bollard Cover | Custom Color to match PMS 124 | 1/4" Dome Top Bollard Cover www.idealshield.com |
|  | M8 Opaque Vinyl | N/A | 3M Scotchcal Series 220 Opaque vinyl |
|  | M9 Aluminum Sign Pole | Aluminum Schedule 40 Pipe 6061T6 (5.563 OD x .258 wall) | Painted, with breakaway system |
|  | M10 Aluminum Tube | 3" square | Painted aluminum |

COLORS & MATERIALS

Consistent use of a color palette creates a recognizable "system"

The Fabricator is required to submit painted color chips and material samples for approval prior to sign fabrication.

The ADA requires a minimum of 70% contrast between text and background for the legibility.

ARROWS

Arrows for Wayfinding signs

Directional Arrows



These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings- must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

PEDESTRIAN PICTOGRAMS


Pictograms will be utilized on pedestrian wayfinding elements such as Kiosks, Trail and Signage, and maps. These elements will be well off the trail.

Benefits of pictograms:


- Understandable
- Memorable
- Common Language
- Distinguishable
- Character
- Expandable

The pictograms shown at right are for Pedestrian Signs only. Should a municipality wish to include a pictogram on a Bicycle sign, MUTCD-approved symbols must be used.


AMENITIES



Restrooms
A4




Picnic Site
A2




Fishing
A3


ACCESS / INFORMATION




Bike Path
B1



Pedestrian Trail
B2




Pets Permitted
B3




Information
B4


REGULATORY




No ATVs Allowed
C1




No Skateboarding Allowed
C2




Motorcycles Not Allowed
C3




Horseback Riding Not Allowed
C4



Swimming Not Allowed
C5



No Dogs Allowed
C6

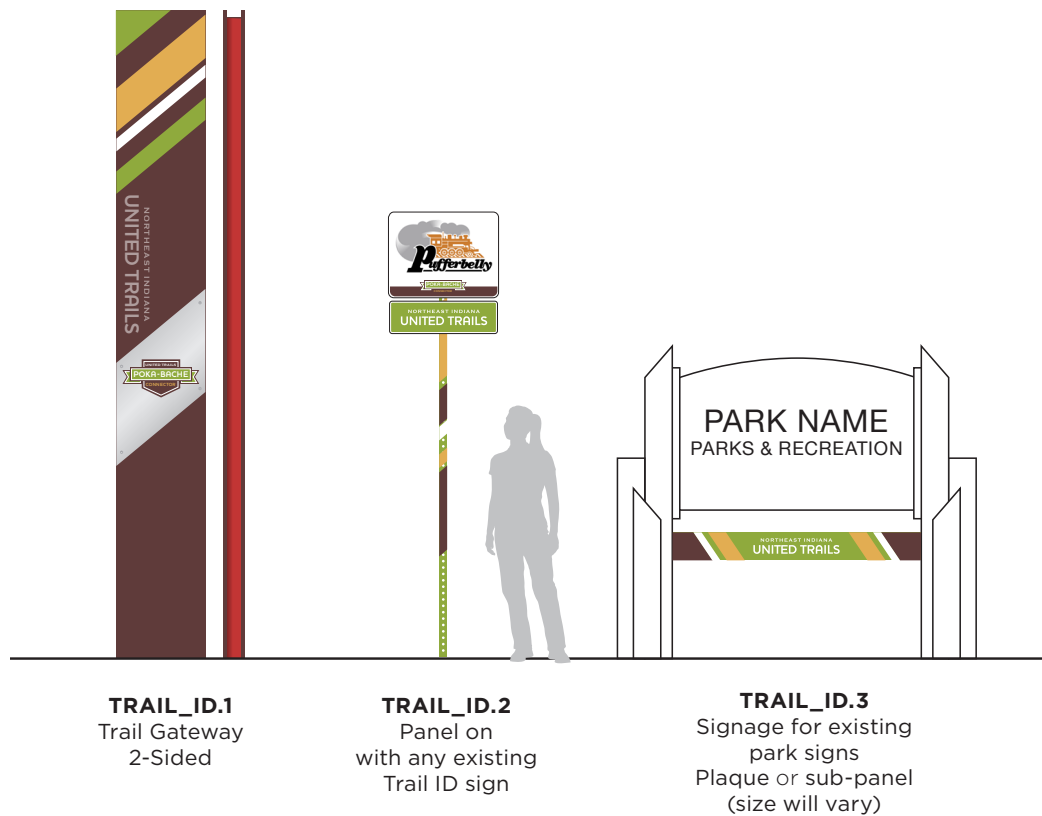


No Fishing Allowed
C7

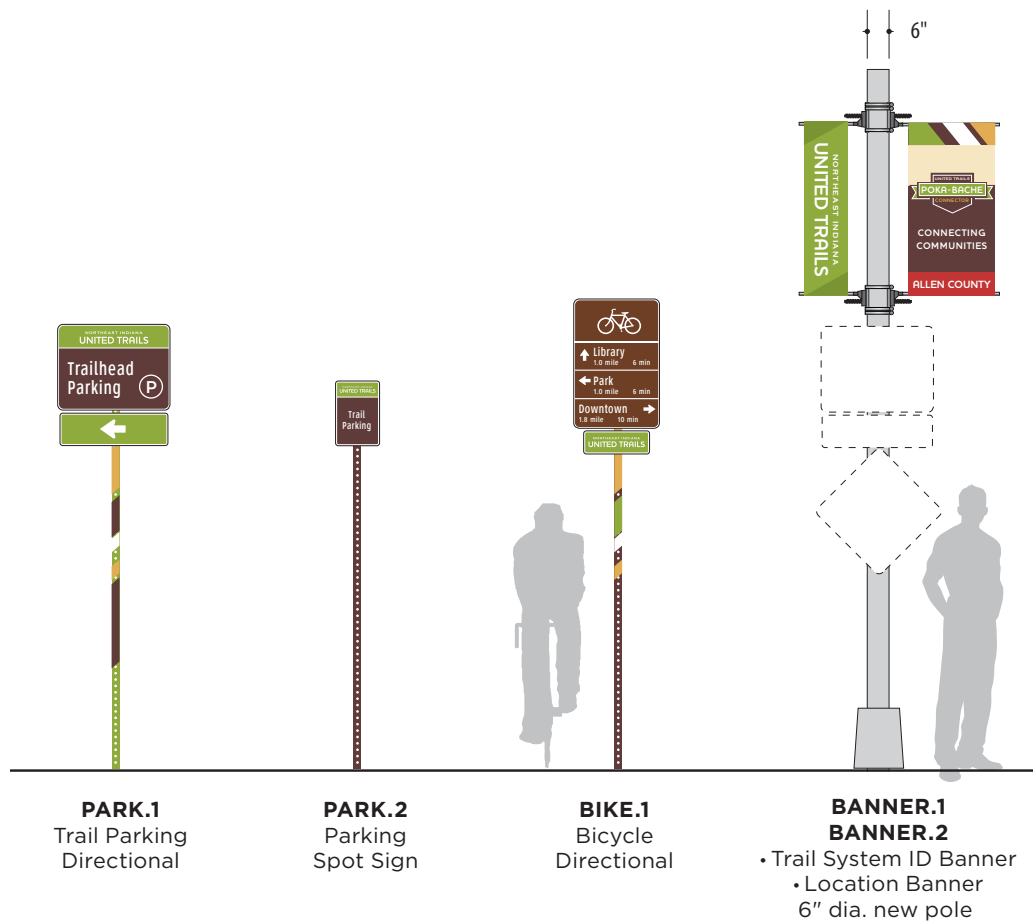
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**BASE WAYFINDING
SIGNAGE SYSTEM**



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These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings- must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by legal and legal requirements checked by legal department.

**BASE WAYFINDING
SIGNAGE SYSTEM**



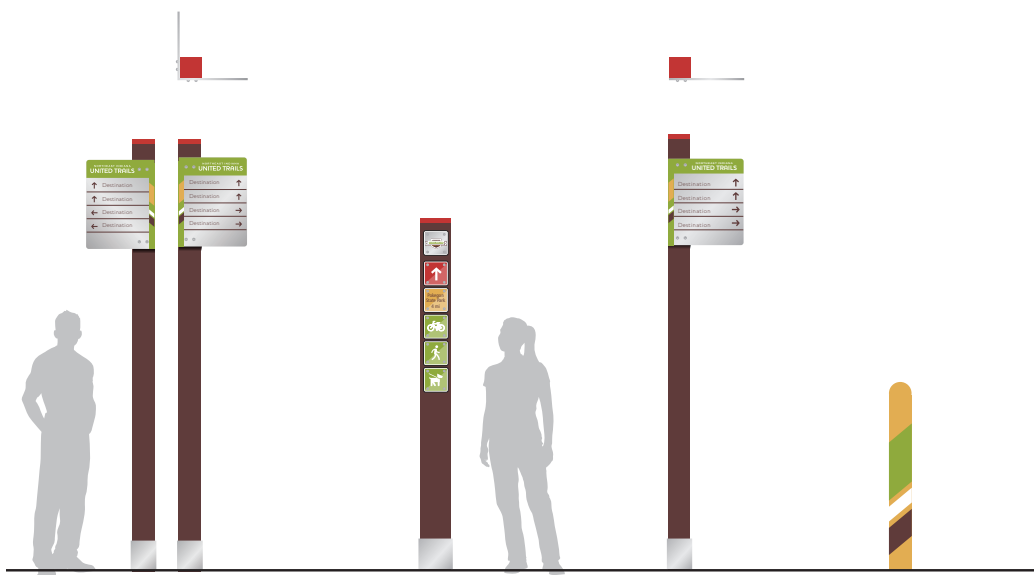
KIOSK.1
Trail Kiosk - Large
2-Sided

KIOSK.2
Trail Kiosk - Small
1-Sided

MILE.1
Mile Marker
4-Sided Post

KIOSK.2A
Trail Kiosk - Small
2-Sided

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TDIR.1
Large Directional
2-Sided
TRAIL ENTRY
& INTERSECTIONS

TDIR.2
Conformation
Totem
2-Sided
(limited info)
ON TRAIL

TDIR.3
Large Directional
1-Sided
TRAIL ENTRY
& INTERSECTIONS

BOLLARD.1
Bollard Cover
(Plastic 1/4" thk
custom color cover
with opaque vinyl
stripes)

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2.12

BASE WAYFINDING SIGNAGE SYSTEM

NOTE:
Upon approval, other trail logos within the United Trail system can be inserted into the same format for use along specific trail corridors similar to the Poka-Bache and Pufferbelly shown here.



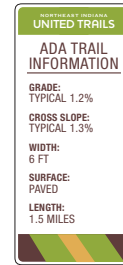
PLAQUE.1
7" logo plaque



PLAQUE.2
5" logo plaque



PLAQUE.3
Trail Info Panel
(size will vary)

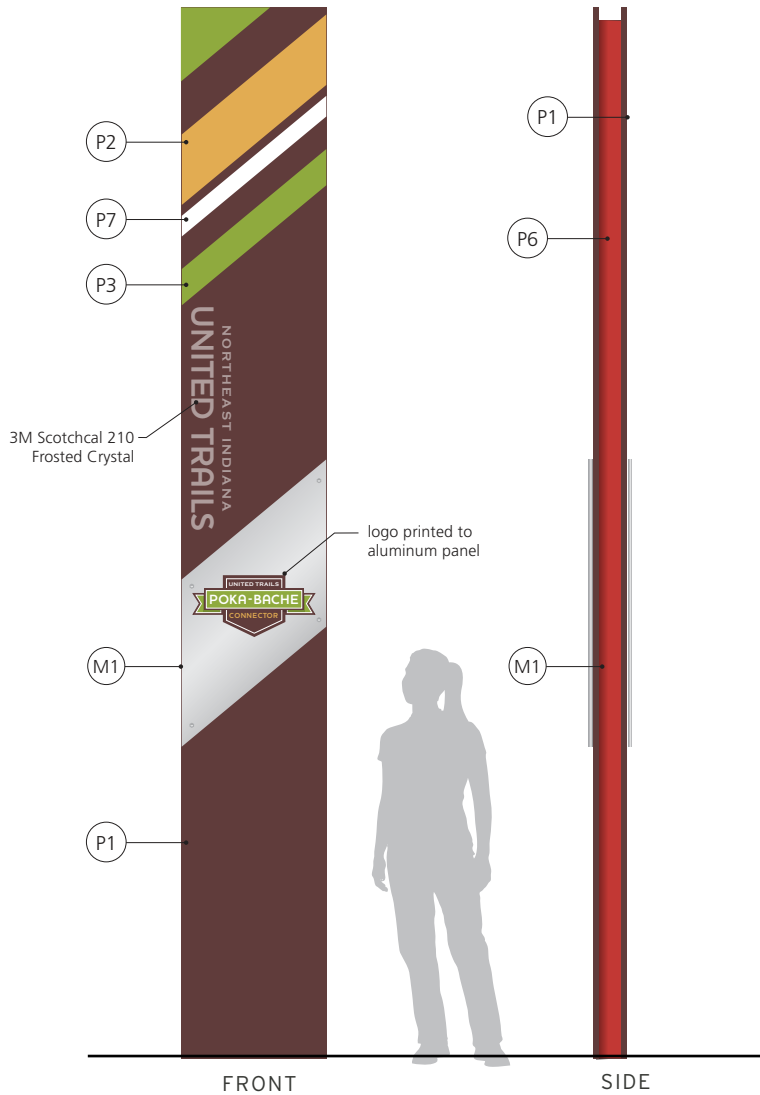


PLAQUE.4
Trail ADA Panel



BARRIER.1
Trail Construction
Barrier/graphic
TEMPORARY

These drawings are meant for DESIGN INTENT 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 this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.



TRAIL_ID.1
Trail Gateway Monument

The TRAIL_ID.1 Sign type is a Trail Identification Sign placed at significant entry points to the trail network that include major parks or trailhead areas with parking. It highlights a specific trail name or logo, with vinyl identifying the trail as part of the Northeast Indiana United Trails.

The aluminum pole is painted and vinyl wrap stripes are applied in three colors, cut at an angle to reflect the use of angled stripes across the trail signage.

Layouts are shown below for the graphic panel of this sign.

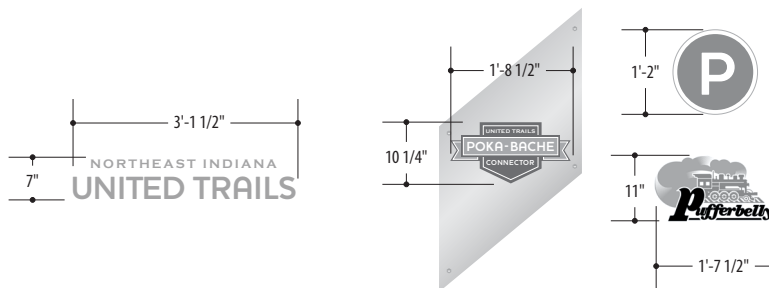
This is a double-sided sign. The back of the sign is a mirror of the front.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to page 2.47 for enhancements available for this sign type.

Refer to the following page for an elevation drawing of this sign type.

1 Color Schedule - TRAIL_ID.1
3/8"=1'



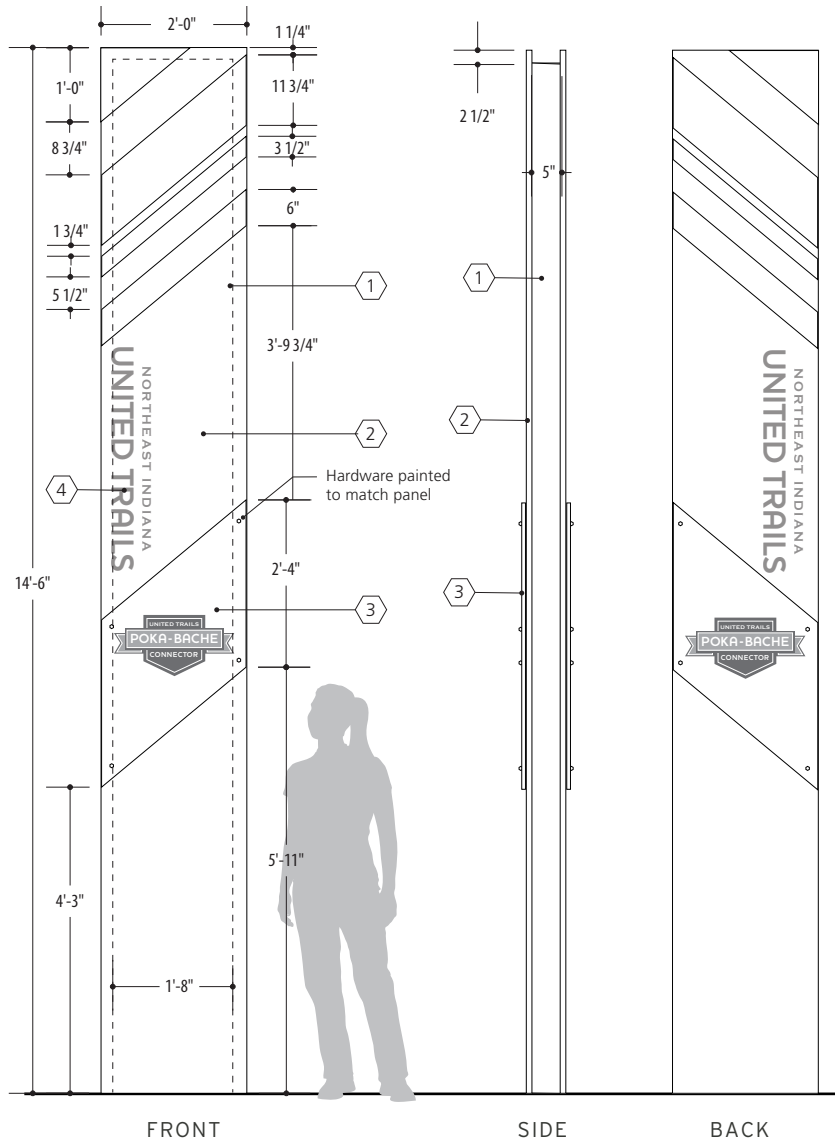
2 Typical Layout Guidelines - TRAIL_ID.1
3/8"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

TRAIL_ID.1
Trail Gateway Monument

The TRAIL_ID.1 Sign type is a Trail Identification Sign placed at significant entry points to the trail network that include major parks or trailhead areas with parking. It highlights a specific trail name or logo, with vinyl identifying the trail as part of the Northeast Indiana United Trails.

The aluminum pole is painted and vinyl wrap stripes are applied in three colors, cut at an angle to reflect the use of angled stripes across the trail signage.



1 Elevations TRAIL_ID.1
scale: 3/8"=1'-0"

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

- 1 Internal cabinet frame anchored to J-bolt footer
- 2 1/4" thick aluminum painted cabinet panels
- 3 1/4" thick aluminum Panel with logo mechanically fastened to cabinet with non-corrosive tamper-resistant hardware (panel on each side of sign)
- 4 White translucent vinyl logo

NOTES:
Locate sign at least 6ft off path or road

TRAIL_ID.2
Trail Entry Sign

The TRAIL_ID.2 Sign type is a Trail Identification Sign placed at entry points to the trail network. It highlights a specific trail name or logo along with a sub-panel identifying the trail as part of the Northeast Indiana United Trails.

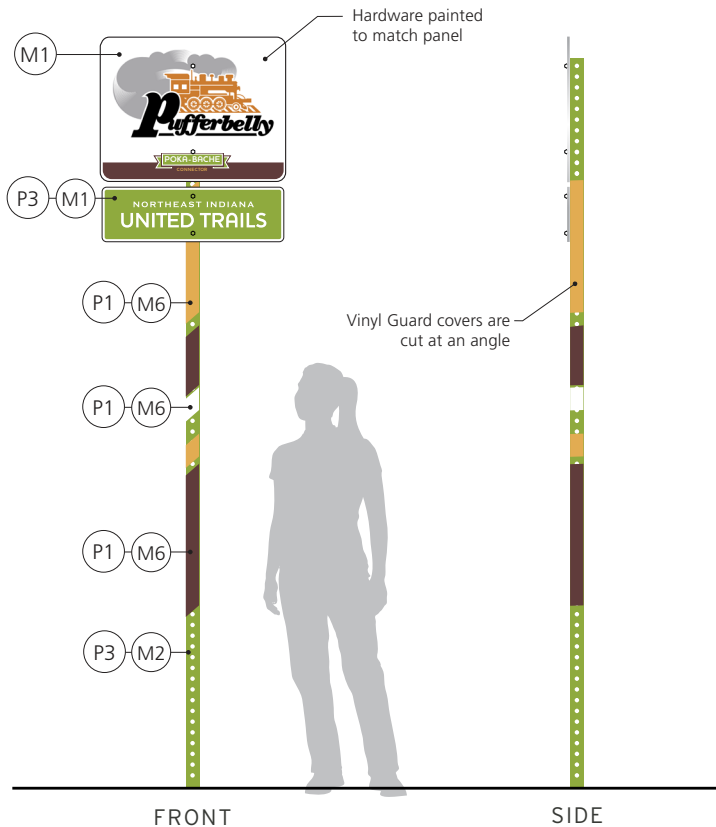
The aluminum pole is painted and vinyl wrap stripes are applied in three colors, cut at an angle to reflect the use of angled stripes across the trail signage.

Layouts are shown below for the graphic panel of this sign.

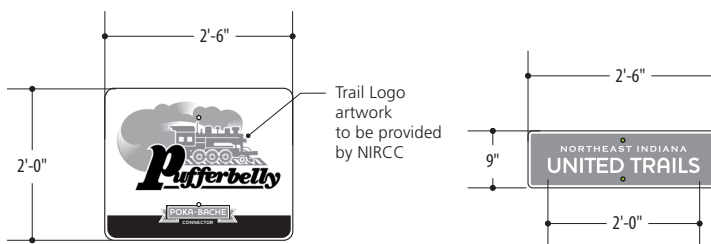
This is a single-sided sign. The back of the sign panel is unpainted aluminum with a protective clear coat applied.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.



1 **Color Schedule - TRAIL_ID.2**
3/8"=1'



2 **Typical Layout Guidelines - TRAIL_ID.2**
3/8"=1'

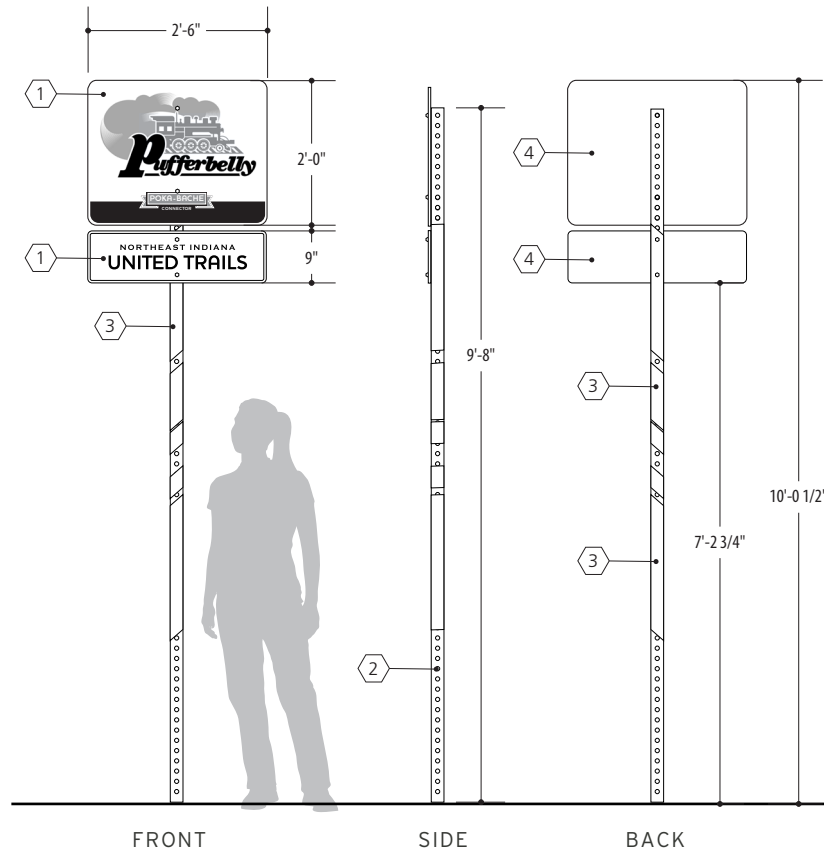
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

TRAIL_ID.2

Trail Entry Sign

The TRAIL_ID.2 Sign type is a Trail Identification Sign placed at entry points to the trail network. It highlights a specific trail name or logo along with a sub-panel identifying the trail as part of the Northeast Indiana United Trails.

The aluminum pole is painted and vinyl wrap stripes are applied in three colors, cut at an angle to reflect the use of angled stripes across the trail signage.



1 Elevations TRAIL_ID.2
scale: 3/8"=1'-0"

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

- 1 0.80 aluminum panel (or greater) with reflective vinyl graphics, mechanically fastened to 2" aluminum sq tube
- 2 Painted (P3) aluminum 2" sq tube
- 3 VinylGuard shrink wrap covering in 3 colors, cut on an angle
- 4 Unpainted aluminum with protective clear coat applied

- NOTES:**
- Locate sign panel edge at least 2ft off path or road
 - Breakaway post required if located along road
 - Direct bury if located along trail.

TRAIL_ID.3
Trail Entry Panel

The TRAIL_ID.3 Sign type is a Trail Identification Sign placed on an existing sign at an entry point to the trail network. It is a sub-panel identifying an entry to the Northeast Indiana United Trails within a park or other established area.

This sign type will vary in size depending on the existing sign on which it is being placed. The size shown here is for general pricing purposes only. The panel can extend in width by extending the brown area on each end of the panel.

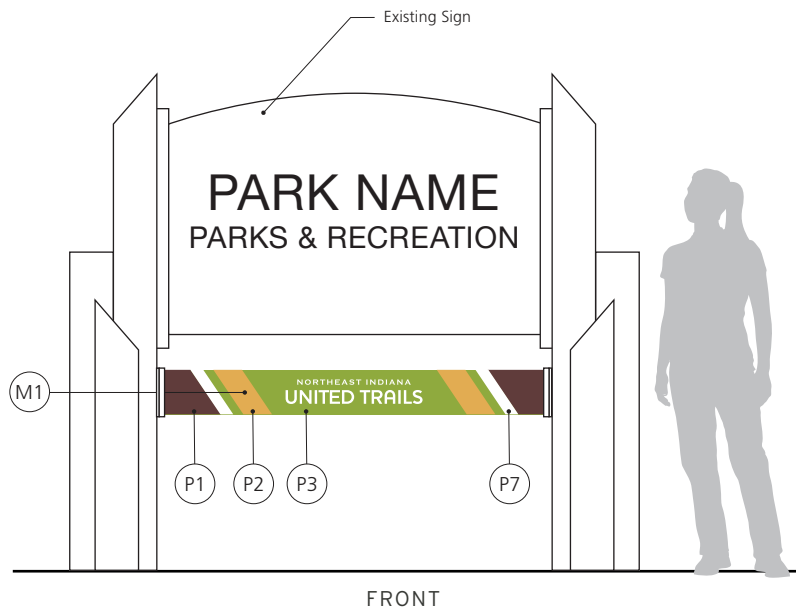
The sign will attach to the existing sign with brackets, or other best mounting method for the existing signs condition and type.

Layouts are shown below for the graphic panel of this sign.

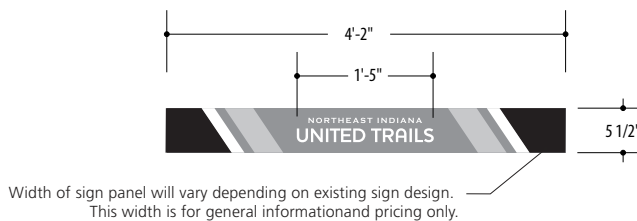
This is a double-sided panel. The back of the sign is a mirror of the front.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.



① **Color Schedule - TRAIL_ID.3**
3/8"=1'



② **Typical Layout Guidelines - TRAIL_ID.3**
3/8"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings- must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

TRAIL_ID.3

Trail Entry Panel

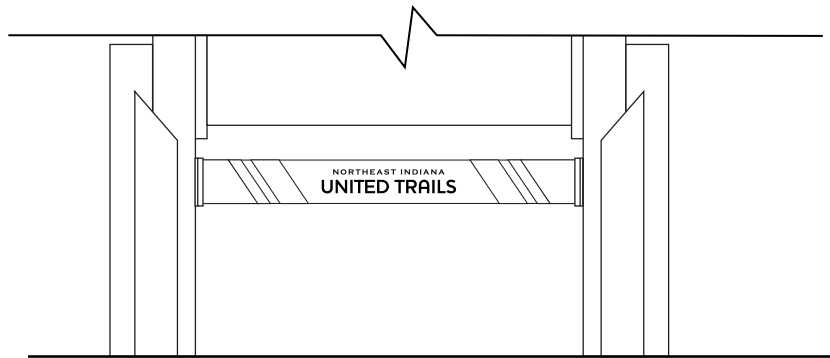
The TRAIL_ID.3 Sign type is a Trail Identification Sign placed on an existing sign at an entry point to the trail network. It is a sub-panel identifying an entry to the Northeast Indiana United Trails within a park or other established area.

This sign type will vary in size depending on the existing sign on which it is being placed. The size shown here is for general pricing purposes only. The panel can extend in width by extending the brown area on each end of the panel.

The sign will attach to the existing sign with brackets, or other best mounting method for the existing sign's condition and type.



FRONT



BACK

1 Elevations TRAIL_ID.3
scale: 3/8"=1'-0"

- 1 Existing Park sign - sizes and styles will vary - this is shown as an example only
- 2 Sign Bracket: Two Aluminum L-angles, mechanically fasten to existing sign posts, hold sign panel with set screws
- 3 1/4' thick graphic panel - double-sided

NOTES:
This design is to be followed as closely as possible for use on existing signage where there is access to United Trails.

Panel sizes and mounting methods will need to be assessed at each location this sign is used.

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PARK.1
Trail Parking Directional

The PARK.1 Sign type is a Trailhead Parking directional Sign placed 100ft prior to entry points for trailhead parking areas.

The intent of this sign is to follow general MUTCD guidelines for vehicular signage, using MUTCD approved typefaces, arrows, icons and standard background colors. The sign face is reflective vinyl.

The top of the sign is an enhancement marker with the Northeast Indiana United Trails brand. Layouts are shown below for the graphic panels of this sign.

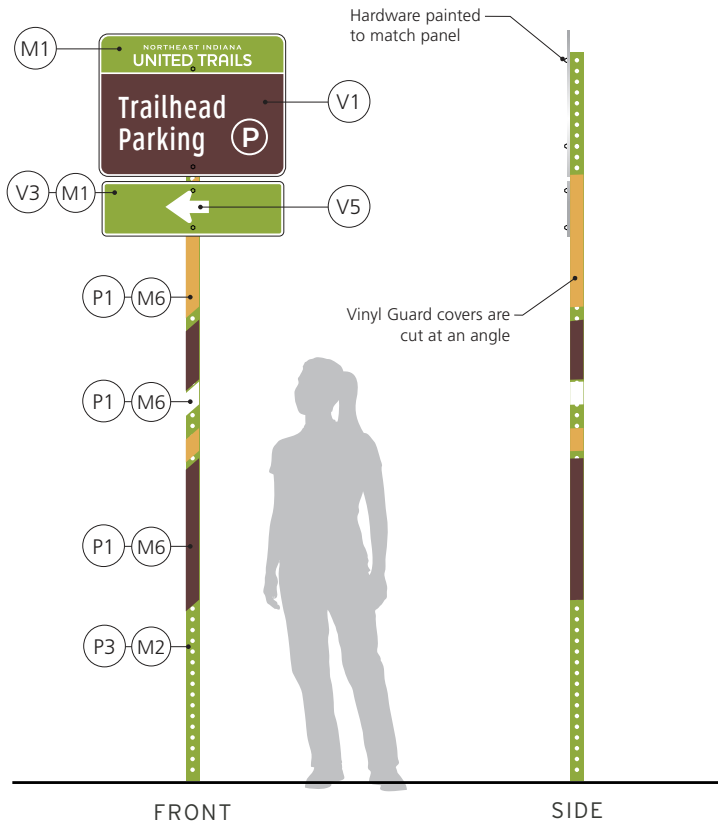
The aluminum pole is painted and vinyl wrap stripes are applied in three colors, cut at an angle to reflect the use of angled stripes across the trail signage.

Layouts are shown below for the graphic panel of this sign.

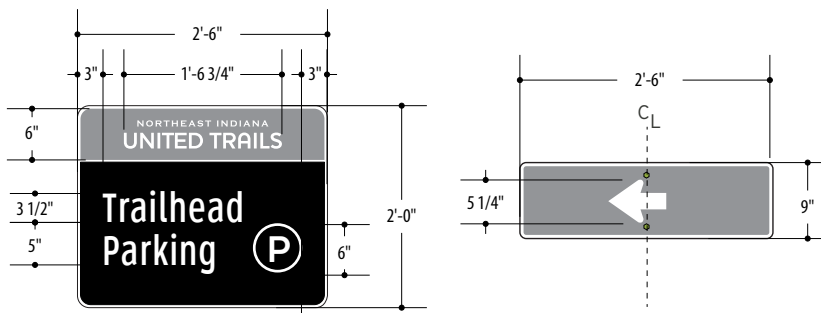
This is a single-sided sign. The back of the sign panel is unpainted aluminum with a protective clear coat applied.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.



1 Color Schedule - PARK.1
3/8"=1'



2 Typical Layout Guidelines - PARK.1
1/2"=1'

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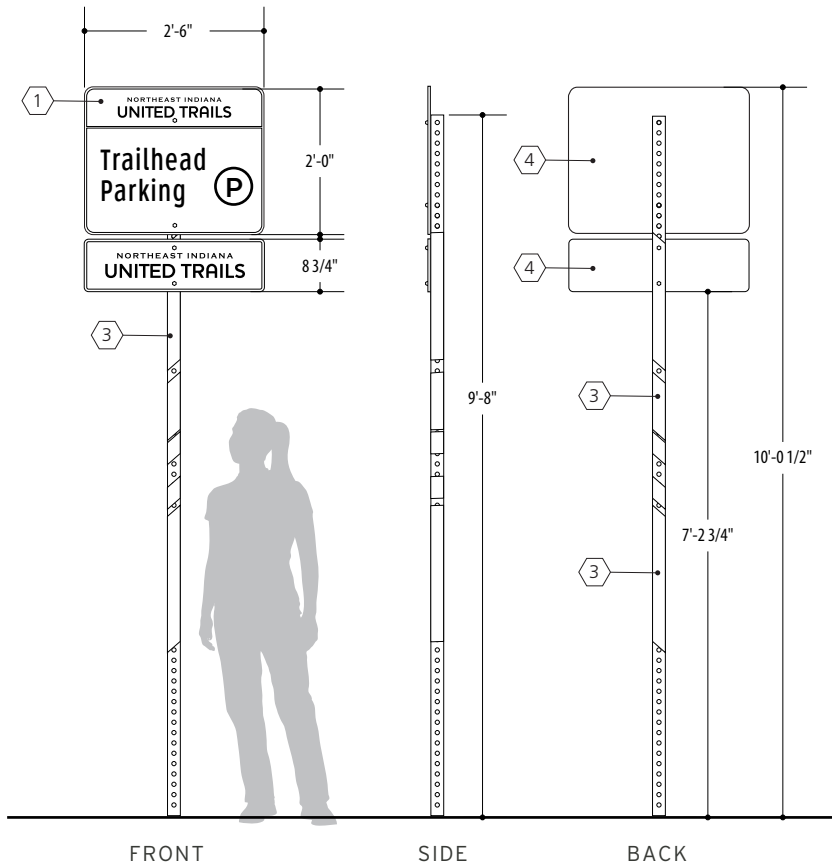
PARK.1
Trail Parking Directional

The PARK.1 Sign type is a Trailhead Parking directional Sign placed 100ft prior to entry points for trailhead parking areas.

The intent of this sign is to follow general MUTCD guidelines for vehicular signage, using MUTCD approved typefaces, arrows, icons and standard background colors. The sign face is reflective vinyl.

The top of the sign is an enhancement marker with the Northeast Indiana United Trails brand. Layouts are shown below for the graphic panels of this sign.

The aluminum pole is painted and vinyl wrap stripes are applied in three colors, cut at an angle to reflect the use of angled stripes across the trail signage.



1 Elevations PARK.1
scale: 3/8"=1'-0"

- 1 0.80 aluminum panel (or greater) with reflective vinyl graphics, mechanically fastened to 2" aluminum sq tube
- 2 Painted (P3) aluminum 2" sq tube
- 3 VinylGuard shrink wrap covering in 3 colors, cut on an angle
- 4 Unpainted aluminum with protective clear coat applied

NOTES:
Locate sign panel edge at least 2ft off road
Breakaway post required if located along road (see page XX)

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

PARK.2
Trail Parking Space ID

The PARK.2 Sign type is a Trail-head Parking Spot Sign placed 100ft prior to entry points for trailhead parking areas.

The sign face is reflective vinyl.

The top of the sign is an enhancement marker with the Northeast Indiana United Trails brand. Layouts are shown below for the graphic panels of this sign.

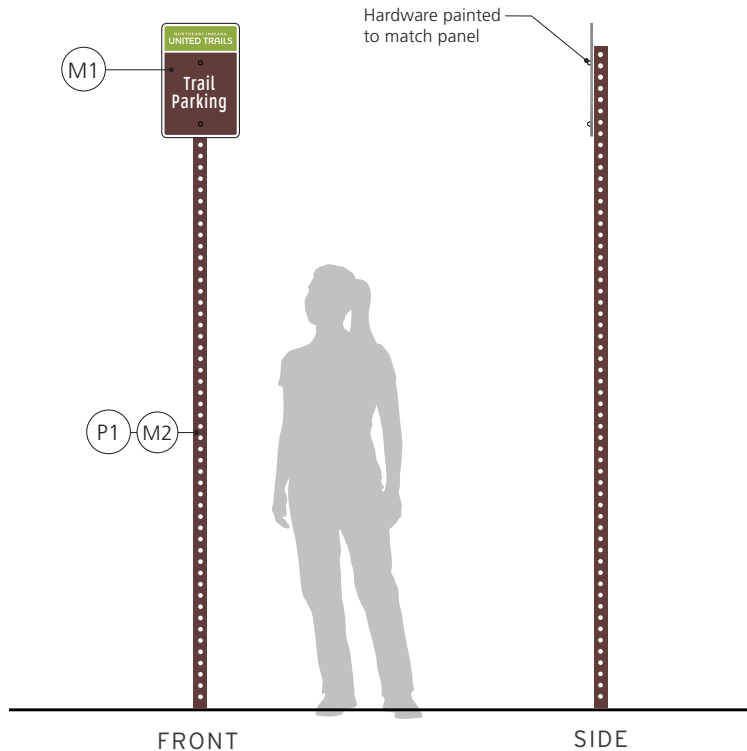
The aluminum pole is painted.

Layouts are shown below for the graphic panel of this sign.

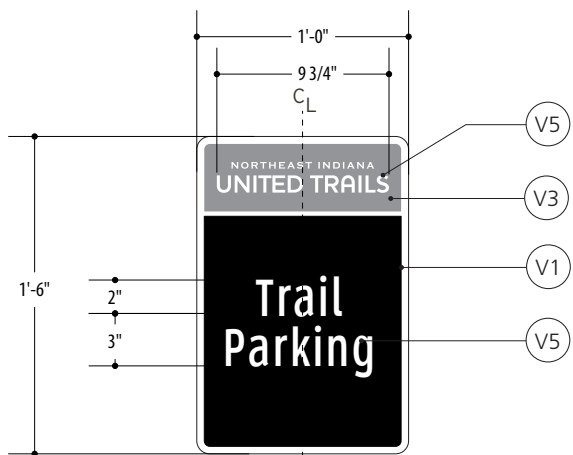
This is a single-sided sign. The back of the sign panel is unpainted aluminum with a protective clear coat applied.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.



1 Color Schedule - PARK.2
3/8"=1'



2 Typical Layout Guidelines - PARK.2
1"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

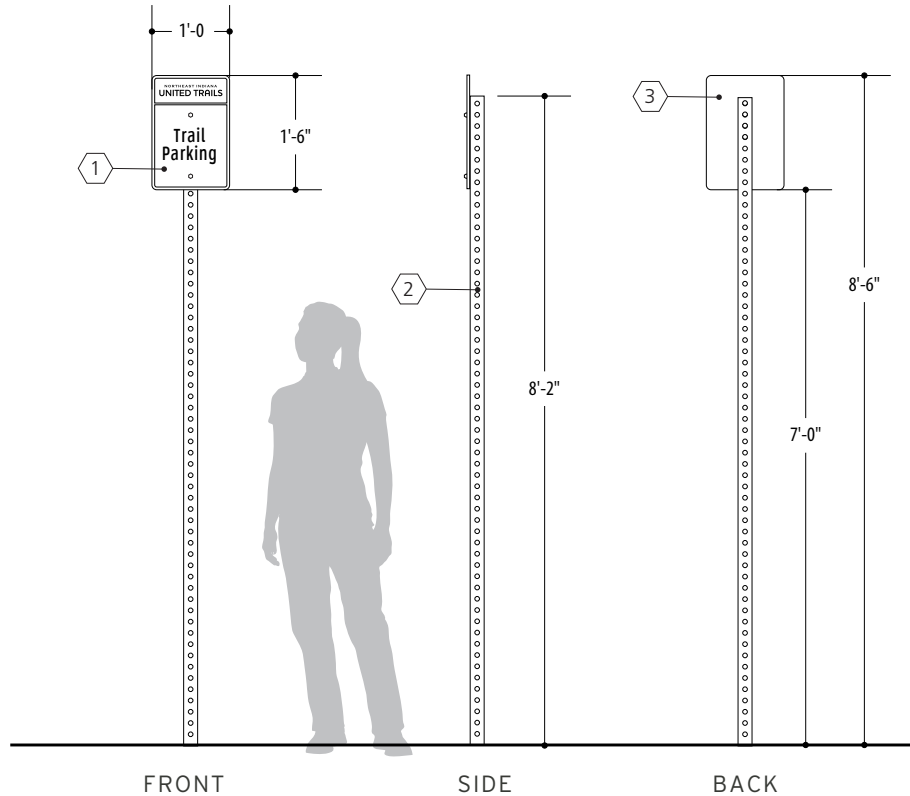
PARK.2
Trail Parking Space ID

The PARK.2 Sign type is a Trailhead Parking Spot Sign placed 100ft prior to entry points for trailhead parking areas.

The sign face is reflective vinyl.

The top of the sign is an enhancement marker with the Northeast Indiana United Trails brand. Layouts are shown below for the graphic panels of this sign.

The aluminum pole is painted.

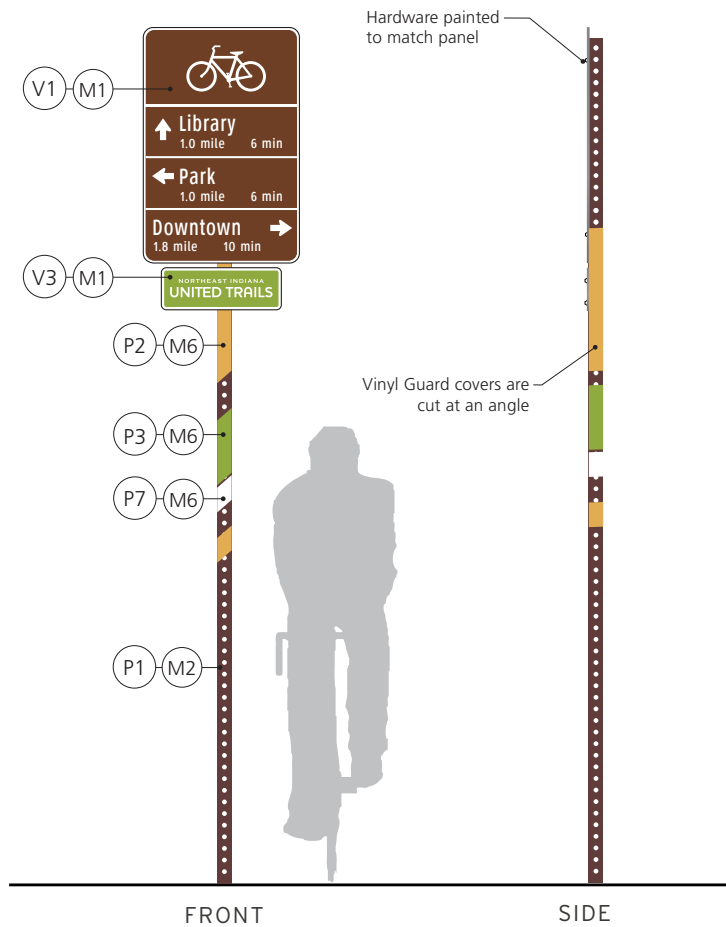


1 Elevations PARK.2
scale: 3/8"=1'-0"

- 1** 0.80 aluminum panel (or greater) with reflective vinyl graphics, mechanically fastened to 2" aluminum sq tube
- 2** Painted (P1) aluminum 2" sq tube
- 3** Unpainted aluminum with protective clear coat applied

NOTES:
Direct bury sign at assigned parking spaces

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.



BIKE.1
Bicycle Directional Sign

The BIKE.1 Sign type is a sign to be used on a road segment of a Northeast Indiana United Trail.

The intent of this sign is to follow general MUTCD guidelines for vehicular signage. The top panel uses MUTCD approved typefaces, arrows, icons and standard background colors. Distance and time are shown in the layouts. The sign face is reflective vinyl.

The bottom panel is an enhancement marker with the Northeast Indiana United Trails brand. Layouts are shown below for the graphic panels of this sign.

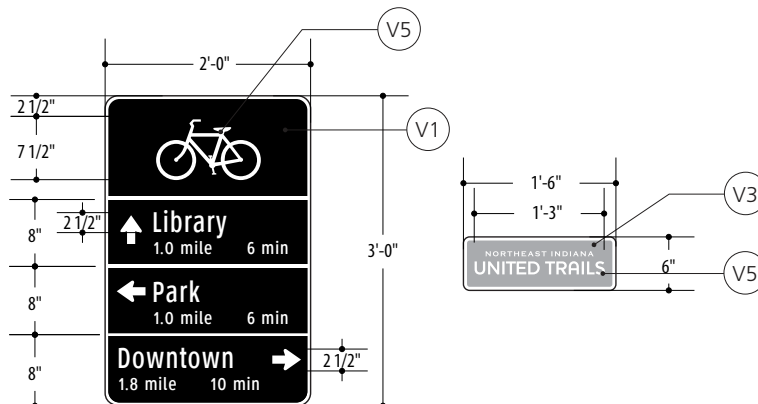
The aluminum pole is painted and vinyl wrap stripes are applied in three colors, cut at an angle to reflect the use of angled stripes across the trail signage.

This is a single-sided sign. The back of the sign panel is unpainted aluminum with a protective clear coat applied.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.

1 Color Schedule - BIKE.1
3/8"=1'



2 Typical Layout Guidelines - BIKE.1
1/2"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

BIKE.1

Bicycle Directional Sign

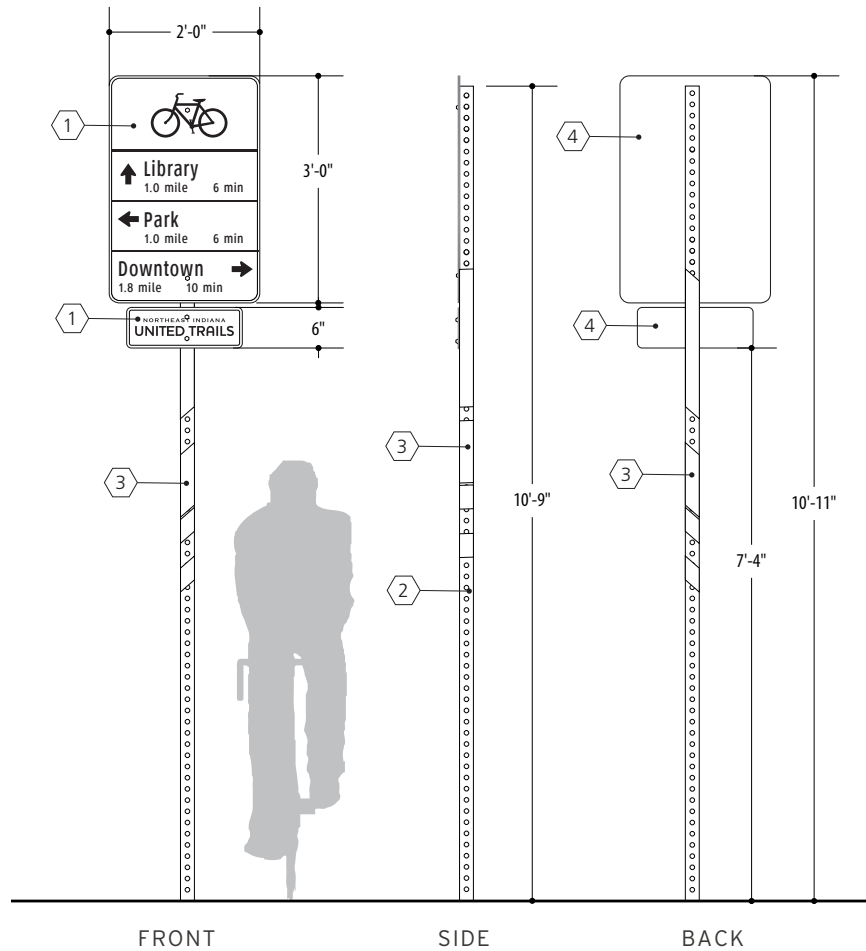
The BIKE.1 Sign type is a sign to be used on a road segment of a Northeast Indiana United Trail.

The intent of this sign is to follow general MUTCD guidelines for vehicular signage. The top panel uses MUTCD approved typefaces, arrows, icons and standard background colors. Distance and time are shown in the layouts. The sign face is reflective vinyl.

The bottom panel is an enhancement marker with the Northeast Indiana United Trails brand. Layouts are shown below for the graphic panels of this sign.

The aluminum pole is painted and vinyl wrap stripes are applied in three colors, cut at an angle to reflect the use of angled stripes across the trail signage.

NOTE: Any destination more than one word or longer than 12 letters will need to use a 30" wide or longer panel to ensure legibility.

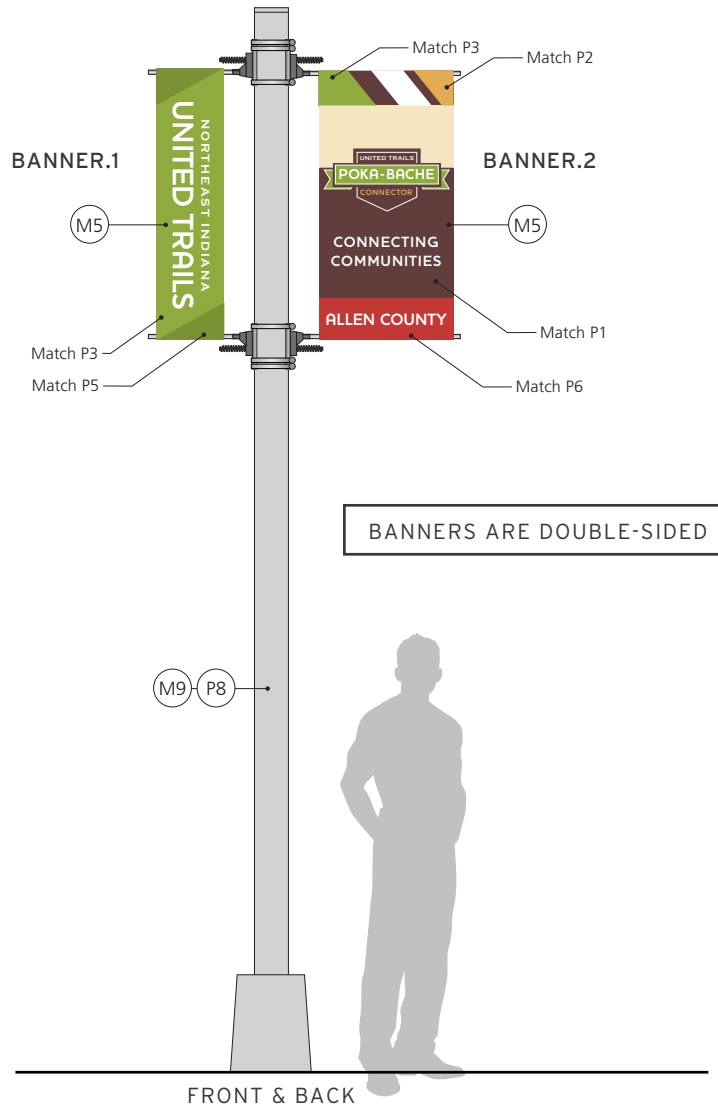


1 Elevations BIKE.1
scale: 3/8"=1'-0"

- 1 0.80 aluminum panel (or greater) with reflective vinyl graphics, mechanically fastened to 2" aluminum sq tube
- 2 Painted (P3) aluminum 2" sq tube
- 3 VinylGuard shrink wrap covering in 3 colors, cut on an angle
- 4 Unpainted aluminum with protective clear coat applied

NOTES:
Locate sign panel edge at least 2ft off path or road.
Breakaway post required if located along road.

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.



BANNER.1
BANNER.2
Trail Banners

The BANNER.1 & BANNER.2 Sign types are sign types to be used in a variety of trail wayfinding scenarios, but their main goal is to brand the trail and create awareness of the Northeast Indiana United Trails. These Banners require a new pole to be installed with banner brackets.

BANNER.1 displays the North-east Indiana United Trails brand.

BANNER.2 has space for a trail logo and municipality or city identity at the bottom of the banner.

Layouts are shown below for these sign types.

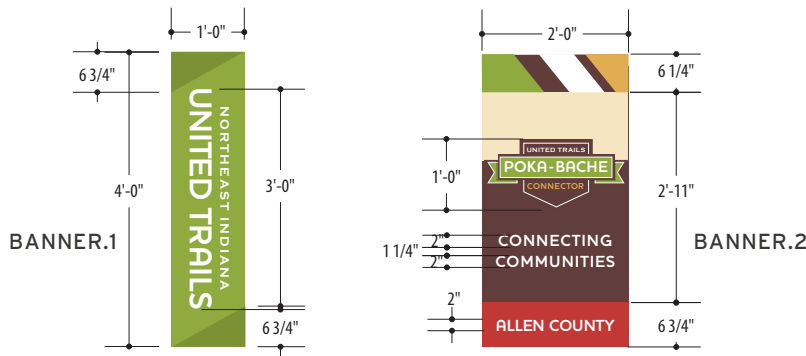
The aluminum pole is painted and is required to be breakaway if located along a road.

Banners are double-sided vinyl. One pole-side corner has a grommited hole for anchoring the banner to the pole or bracket.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.

1 Color Schedule - BANNERS.1 & 2
3/8"=1'



2 Typical Layout Guidelines - BANNERS.1 & 2
3/8"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

BANNER.1
BANNER.2
Trail Banners

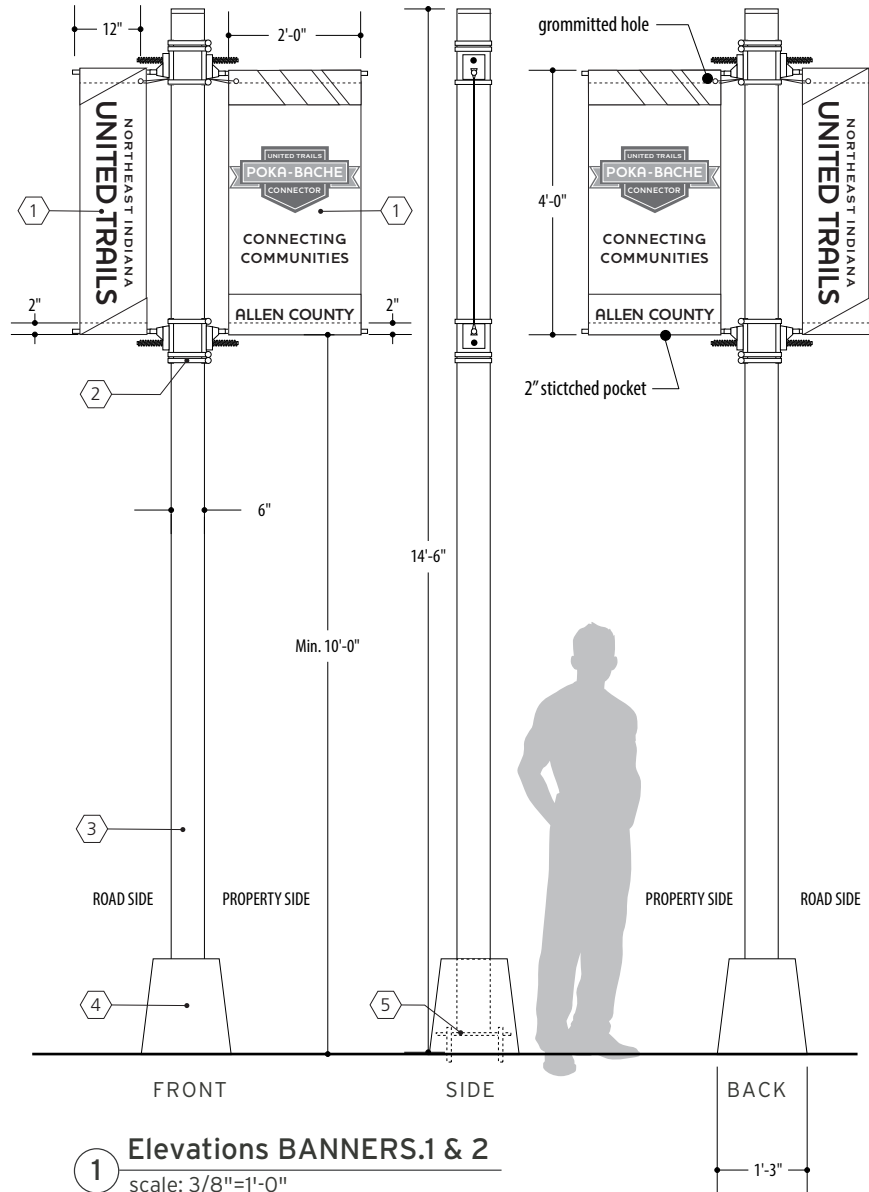
The BANNER.1 & BANNER.2 Sign types are a sign types to be used in a variety of trail way-finding scenarios, but their main goal is to brand the trail and create awareness of the Northeast Indiana United Trails. These Banners require a new pole to be installed with banner brackets.

BANNER.1 displays the North-east Indiana United Trails brand.

BANNER.2 has space for a trail logo and municipality or city identity at the bottom of the banner.

The aluminum pole is painted and is required to be breakaway if located along a road.

Banners are double-sided vinyl. One pole-side corner has a grommited hole for anchoring the banner to the pole or bracket.

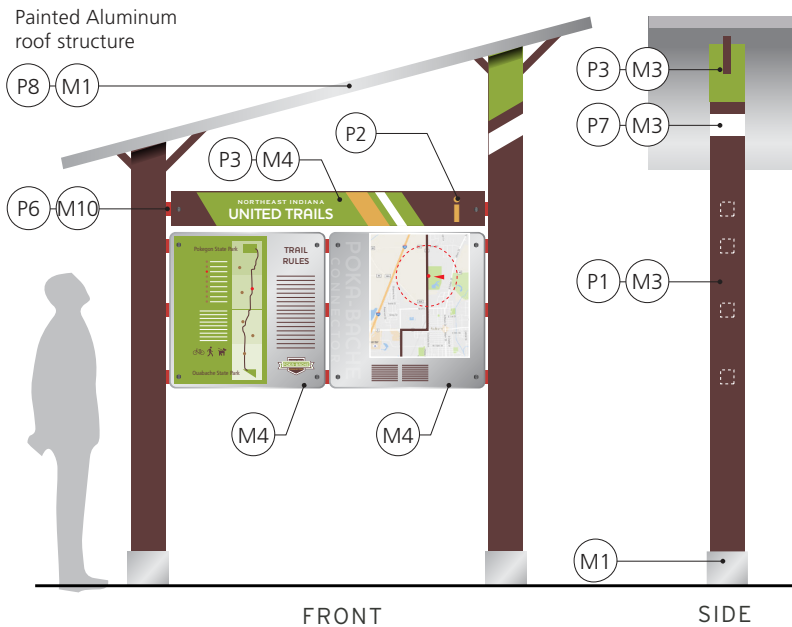


1 Elevations BANNERS.1 & 2
scale: 3/8"=1'-0"

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

- 1 Double-sided printed vinyl banners with 2" pocket for banner pole, anchored with cable through grommited hole
- 2 BannerFlex bracket system
- 3 6" outer diameter aluminum pole
- 4 Base cover for breakaway system
- 5 Breakaway system: TRANSPO® Pole-Safe system, or equal

- NOTES:**
- Locate pole at least 6ft from road
 - Banner have grommited hole in upper pole-side corner to anchor banner to pole or bracket
 - Breakaway system required if located along road
 - Requires concrete footer



KIOSK.1
Double-sided Trail Kiosk

The KIOSK.1 Sign type is a covered pedestrian information kiosk and should be located at major entry points to the Northeast Indiana United Trails. Public parking must be available at these entry points. The municipality where the sign is located will be responsible for content on the main graphic panel.

This sign is located at least 3 ft from the trail and is intended for pedestrians, rather than cyclists in motion.

Layouts are shown below for the graphic panels on this sign. Content for these panels may include:

- Trail rules & etiquette
- Maps
- ADA information
- Interpretive panels
- Amenities along the trail

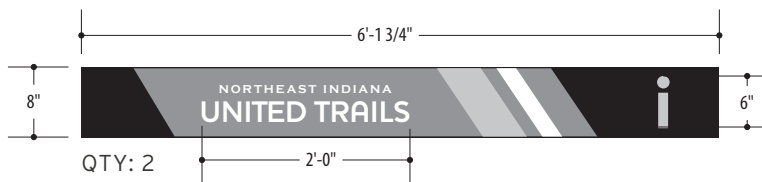
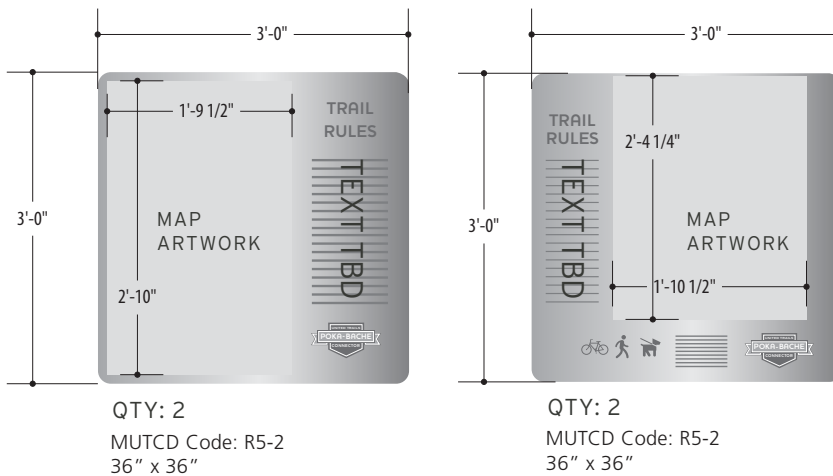
The back of the sign panels for both KIOSK.1 are unpainted aluminum with a protective clear coat applied. This sign is not reflective.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.

Refer to page 2.48 for enhancements available for this sign type.

1 Color Schedule - KIOSK.1
1/4"=1'



2 Typical Layout Guidelines - KIOSK.1
1/2"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

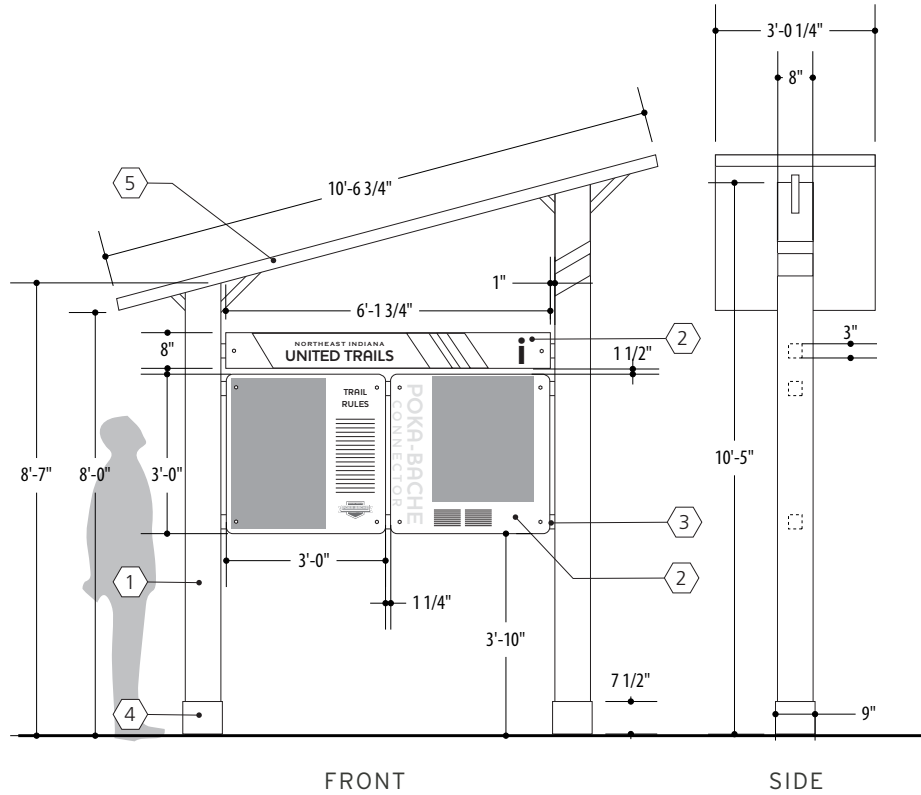
KIOSK.1

Double-sided Trail Kiosk

The KIOSK.1 Sign type is a covered pedestrian information kiosk and should be located at major entry points to the Northeast Indiana United Trails. Public parking must be available at these entry points. The municipality where the sign is located will be responsible for content on the main graphic panel.

This sign is located at least 3 ft from the trail and is intended for pedestrians, rather than cyclists in motion.

The back of the sign panels for both KIOSK.1 are unpainted aluminum with a protective clear coat applied.

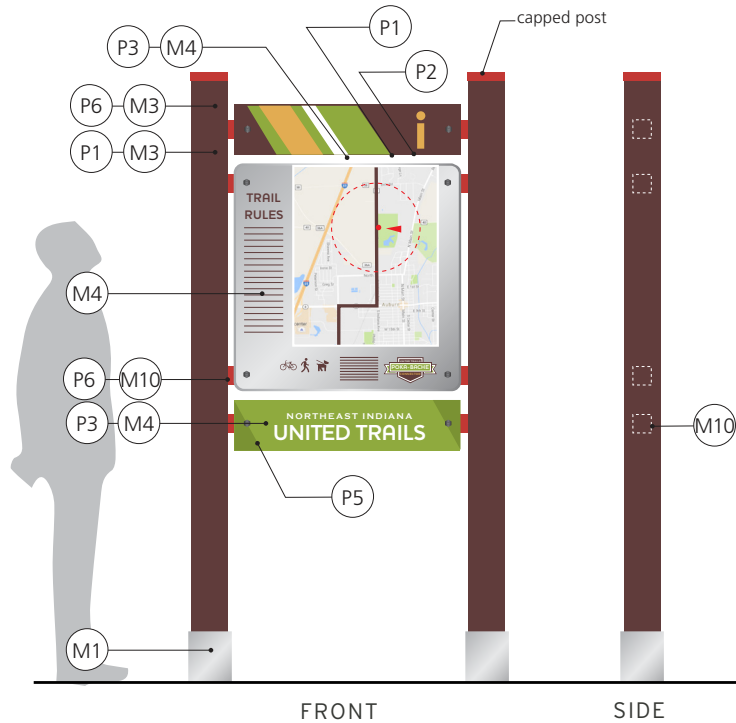


1 Elevations KIOSK.1
scale: 1/4"=1'-0"

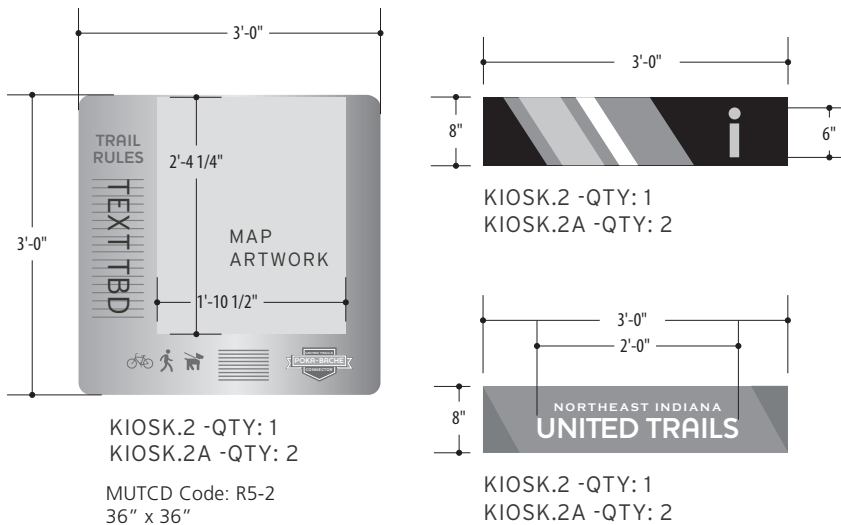
- 1 8" aluminum square posts
- 2 Graphic panel, mechanically fastened to 3" aluminum sq tube
- 3 Painted 3" sq tube welded to 8" square posts
- 4 Aluminum base wrap - unpainted, clearcoat protectant
- 5 Aluminum roof construction with support beams welded to 8" posts

NOTES:
Locate sign edge of trail
Posts attached with plate-to-plate footer.
Requires concrete footer

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings- must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.



1 Color Schedule - KIOSK.2 / 2A
3/8"=1'



2 Typical Layout Guidelines - KIOSK.2 / 2A
1/2"=1'

KIOSK.2

Small Single-sided Kiosk

KIOSK.2A

Small Double-sided Kiosk

The KIOSK.2 & 2A Sign types are pedestrian information kiosks and should be located at smaller entry points to the Northeast Indiana United Trails. Public parking does not need to be available at these entry points but may exist. The municipality where the sign is located will be responsible for content on the main graphic panel.

This sign is located at least 3 ft from the trail and is intended for pedestrians, rather than cyclists in motion. This sign is not reflective.

Layouts are shown below for the graphic panels on this sign. Content for these panels may include:

- Trail rules & etiquette
- Maps
- ADA information
- Interpretive panels
- Amenities along the trail

The back of the sign panels for both KIOSK.2 & 2.A are unpainted aluminum with a protective clear coat applied.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

KIOSK.2

Small Single-sided Kiosk

KIOSK.2A

Small Double-sided Kiosk

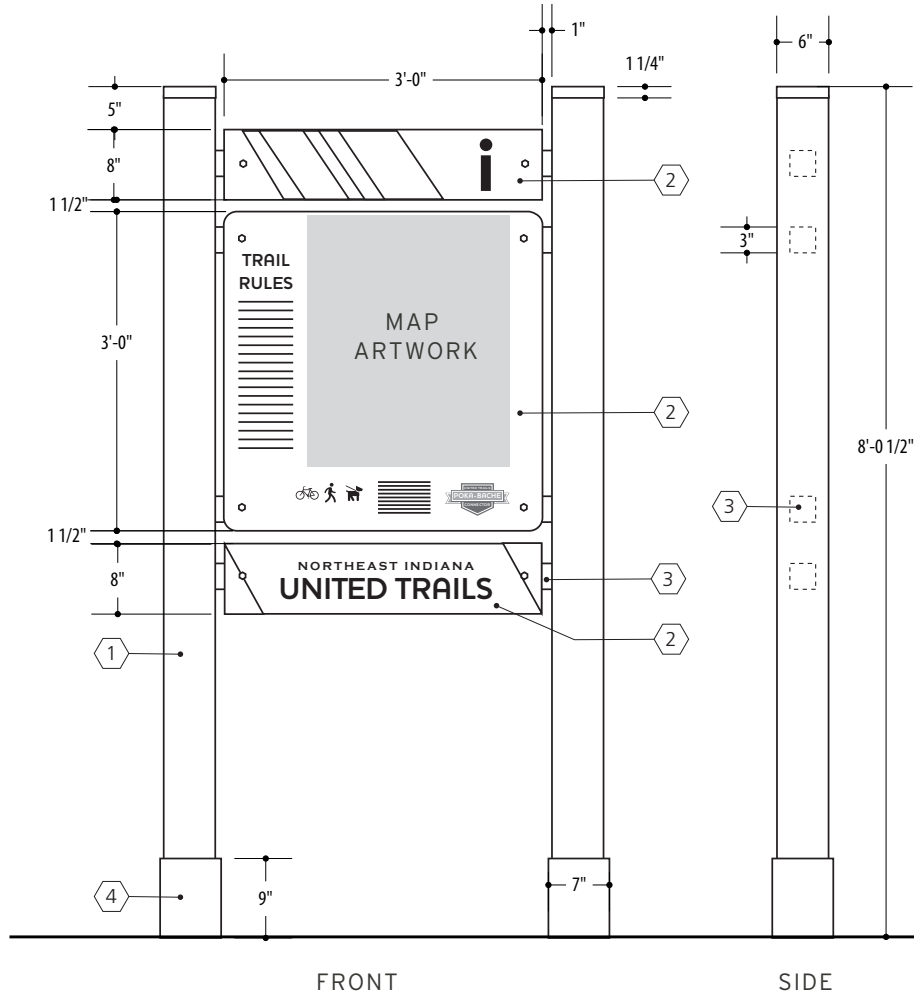
The KIOSK.2 & 2A Sign types are pedestrian information kiosks and should be located at smaller entry points to the Northeast Indiana United Trails. Public parking does not need to be available at these entry points but may exist. The municipality where the sign is located will be responsible for content on the main graphic panel.

This sign is located at least 3 ft from the trail and is intended for pedestrians, rather than cyclists in motion.

Layouts are shown below for the graphic panels on this sign. Content for these panels may include:

- Trail rules & etiquette
- Maps
- ADA information
- interpretive panels
- Amenities along the trail

The back of the sign panels for both KIOSK.2 & 2.A are unpainted aluminum with a protective clear coat applied.



1 Elevations KIOSK.2 / 2A
scale: 1/2"=1'-0"

- ① 8" aluminum square posts
- ② Graphic panel, mechanically fastened to 3" aluminum sq tube
- ③ Painted 3" sq tube welded to 10" square posts
- ④ Aluminum base wrap - unpainted, clearcoat protectant

NOTES:

Locate sign edge of trail

Posts attached with plate-to-plate footer.
Requires concrete footer

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

MILE.1
Mile Marker

The MILE.1 Sign type is an informational sign for all trail users and may be located at 1/4-mile increments along the Notheast Indiana United Trails.

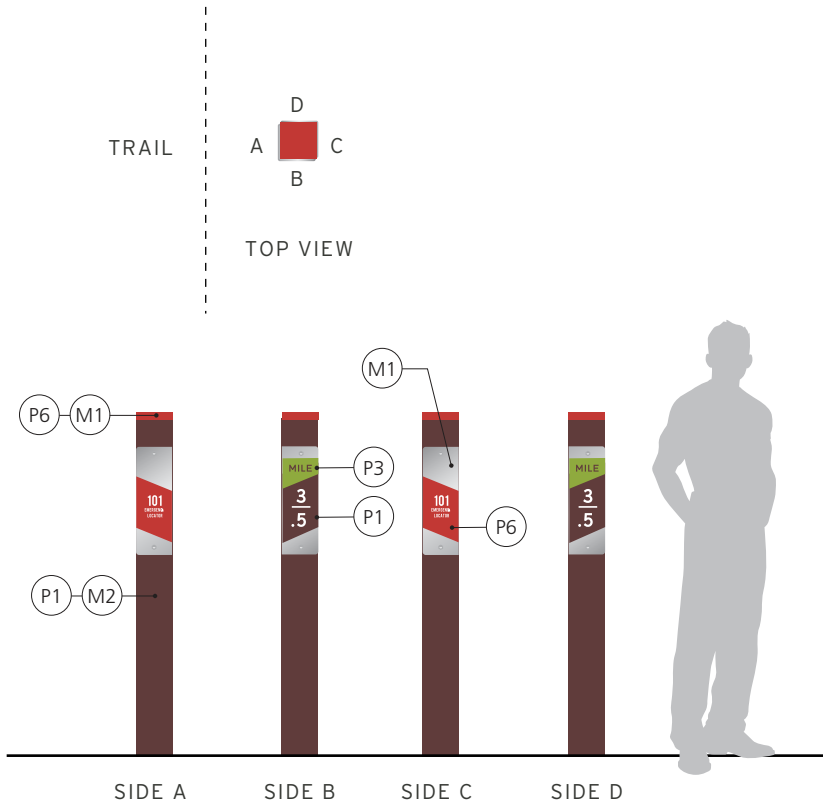
The mile marker sign is .080 aluminum. The graphics are printed directly to the panel. The panel is then bent at 90 degrees and wraps the aluminum post, secured with tamper resistant hardware. There are two panels per post. Two sides give mileage information and two sides give emergency information. Mileage panels are perpendicular to the trail.

A Layout is shown below for the graphic panels on this sign.

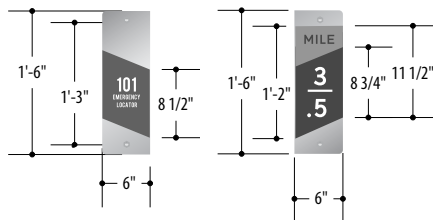
This is a double-sided sign. This sign is not reflective.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.



① **Color Schedule - TRAIL_ID.1**
3/8"=1'



MUTCD Code: R9-6 (12" x 18")



Printed panel FOLDED

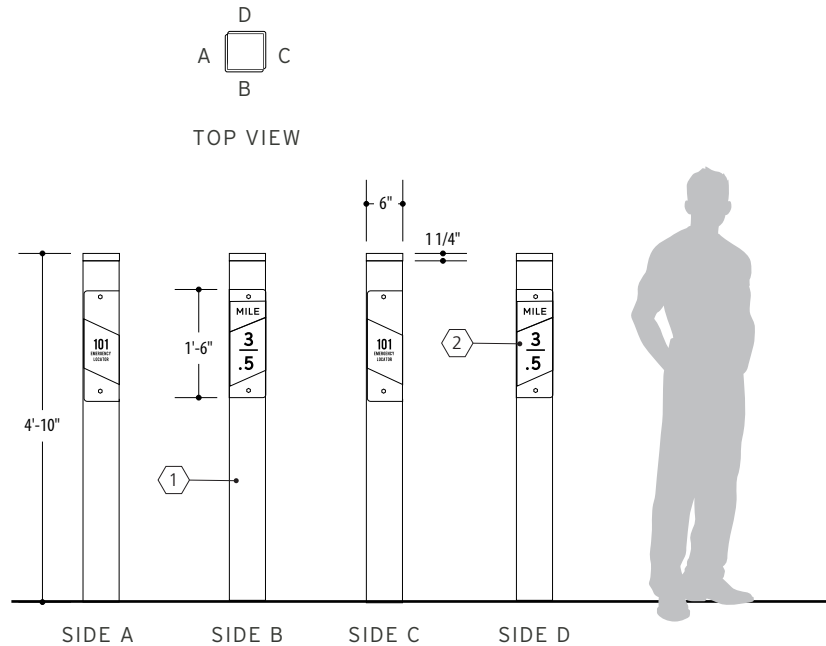
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

② **Typical Layout Guidelines - TRAIL_ID.1**
1/2"=1'

MILE.1
Mile Marker

The MILE.1 Sign type is an informational sign for all trail users and may be located at 1/4-mile increments along the Northeast Indiana United Trails.

The mile marker sign is .080 aluminum. The graphics are printed directly to the panel. The panel is then bent at 90 degrees and wraps the aluminum post, secured with tamper resistant hardware. There are two panels per post. Two sides give mileage information and two sides give emergency information. Mileage panels are perpendicular to the trail.



These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

1 Elevations MILE.1
scale: 3/8"=1'-0"

- 1** 6" aluminum square posts
- 2** Graphic panel, bent 90 degrees around post and mechanically fastened to post

NOTES:
Side B & D perpendicular to trail
Direct bury post

TDIR.1
PEDESTRIAN DIRECTIONAL

The TDIR.1 Sign type is an informational sign for all pedestrian trail users and may be located at decision points along the Northeast Indiana United Trails, or in parks where the trail crosses through. The municipality where the sign is located will be responsible for the four destinations directed to on these signs.

The sign is .080 aluminum. The graphics are printed directly to the panel. The panel is then bent at 90 degrees and wraps the aluminum post, secured with tamper resistant hardware.

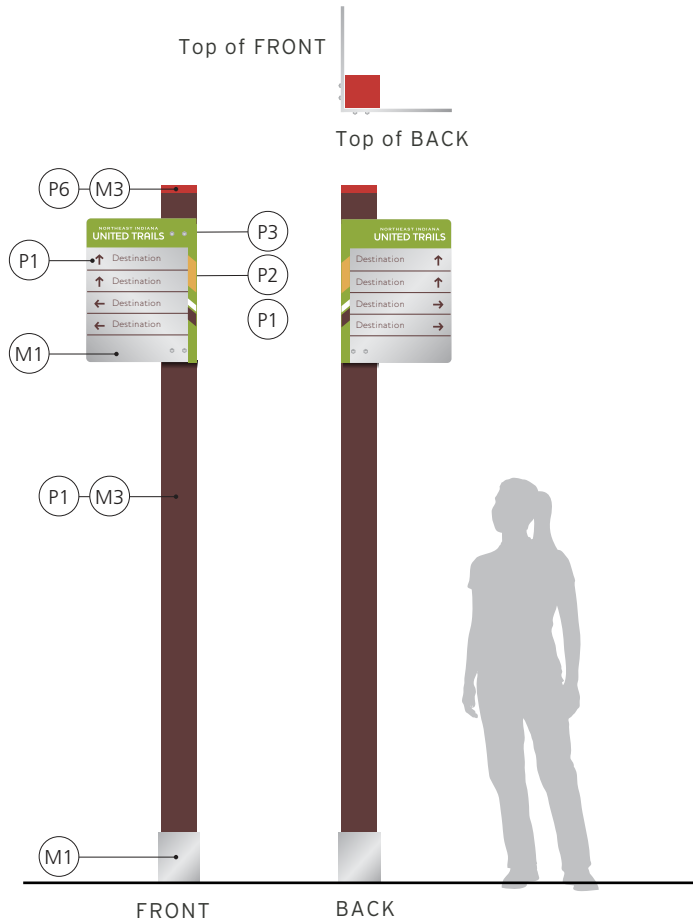
This sign is located at least 2 ft from the trail and is intended for pedestrians, rather than cyclists in motion.

A Layout is shown below for the graphic panel on this sign.

This sign is visible from 2 directions. The back of the sign panel is unpainted aluminum with a protective clear coat applied. This sign is not reflective.

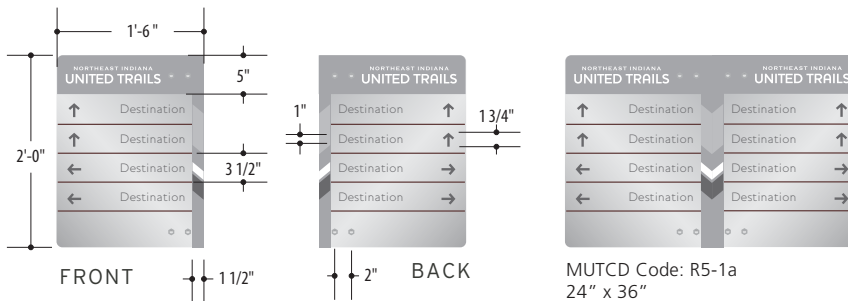
Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.



1 Color Schedule - TDIR.1

3/8"=1'



2 Typical Layout Guidelines - TDIR.1

1"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

TDIR.1
PEDESTRIAN DIRECTIONAL

The TDIR.1 Sign type is an informational sign for all pedestrian trail users and may be located at decision points along the Northeast Indiana United Trails, or in parks where the trail crosses through. The municipality where the sign is located will be responsible for the four destinations directed to on these signs.

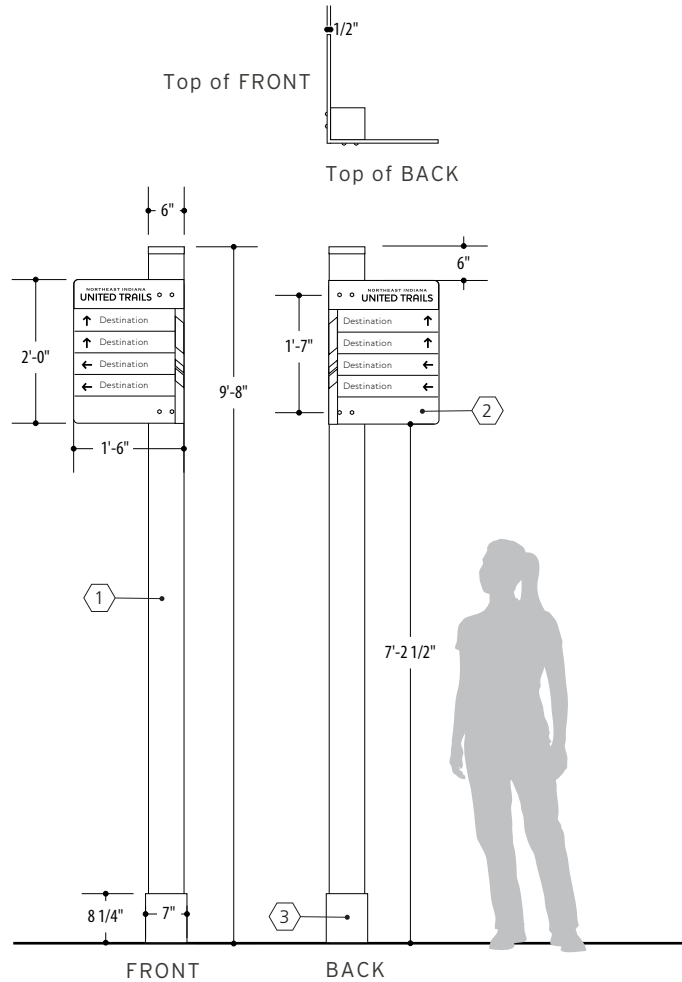
The sign is .080 aluminum. The graphics are printed directly to the panel. The panel is then bent at 90 degrees and wraps the aluminum post, secured with tamper resistant hardware.

This sign is located at least 2 ft from the trail and is intended for pedestrians, rather than cyclists in motion.

A Layout is shown below for the graphic panel on this sign.

This sign is visible from 2 directions. The back of the sign panel is unpainted aluminum with a protective clear coat applied.

This sign is not reflective.



1 Elevations TDIR.1
scale: 3/8"=1'-0"

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

- 1 6" aluminum square posts
- 2 Graphic panel, bent 90 degrees around post and mechanically fastened to post
- 3 Aluminum base wrap - unpainted, clearcoat protectant

- NOTES:**
- Locate sign minimum of 2ft from edge of trail.
 - Posts attached with plate-to-plate footer. Requires concrete footer.
 - Max 4 messages per side.
 - Trail ID Plaques can be added to post.

TDIR.2

Confirmation Trail Totem

The TDIR.2 Sign type is an informational sign for all trail users and provides pictogram information and endpoint destinations with mileage. These signs are located along the trail providing general direction and confirmation that users are going the correct direction.

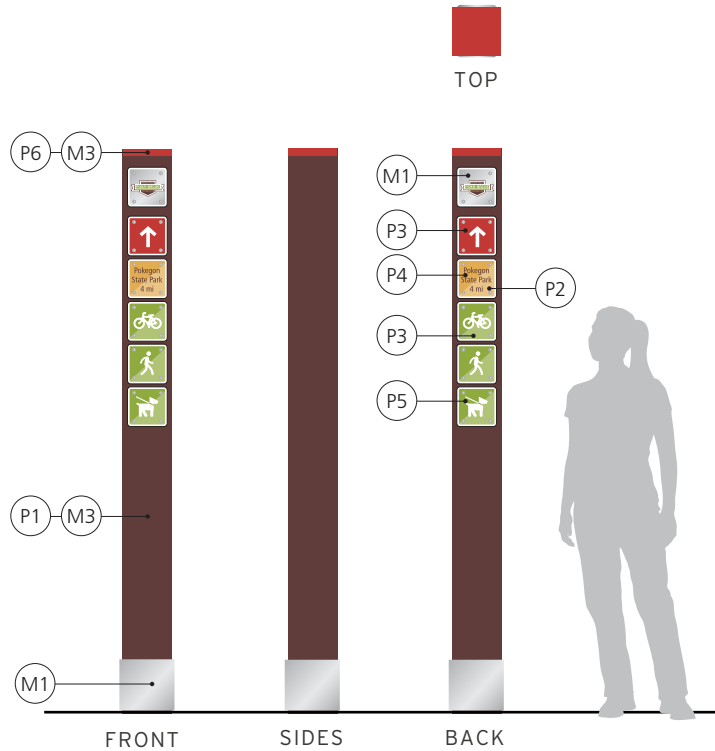
A maximum of 7 panels may be used on these signs. The top will always be a Trail ID logo, the Directional arrows are placed on a red background, end destinations are on a yellow background and trail icons are on a green background. Panels are perpendicular to the trail.

A Layout is shown below for the graphic panels on this sign.

This is a double-sided sign. This sign is not reflective.

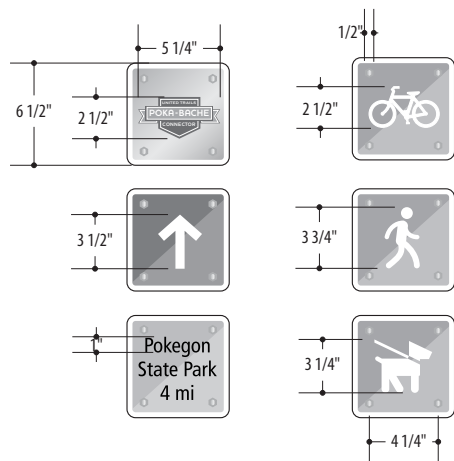
Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.



1 Color Schedule - TDIR.2

3/8"=1"



For full list of Trail icons see page 2.X

2 Typical Layout Guidelines - TDIR.2

1"=1"

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

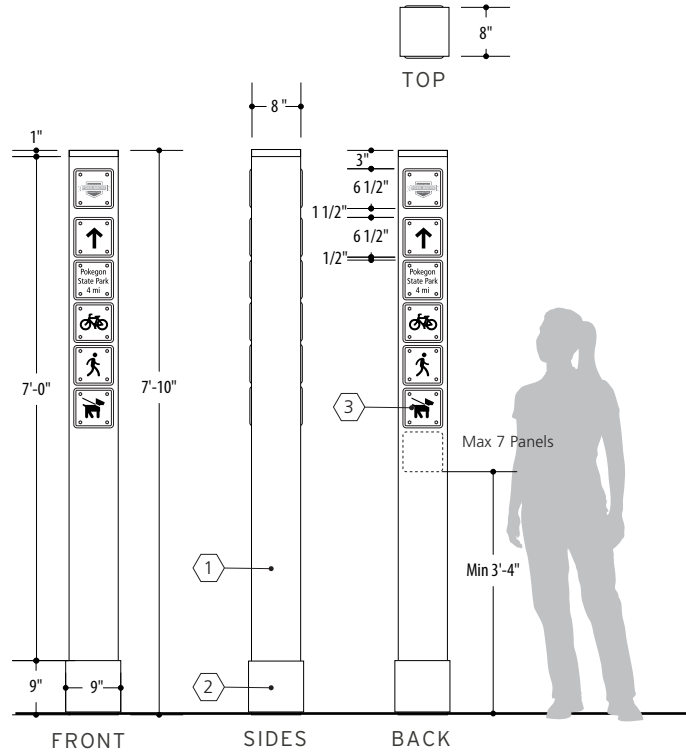
TDIR.2
Confirmation Trail Totem

The TDIR.2 Sign type is an informational sign for all trail users and provides pictogram information and endpoint destinations with mileage. These signs are located along the trail providing general direction and confirmation that users are going the correct direction.

A maximum of 7 panels may be used on these signs. The top will always be a Trail ID logo, the Directional arrows are placed on a red background, end destinations are on a yellow background and trail icons are on a green background. Panels are perpendicular to the trail.

A Layout is shown below for the graphic panels on this sign.

This is a double-sided sign. This sign is not reflective.



1 Elevations TDIR.2
scale: 3/8"=1'-0"

- 1 8" aluminum square posts
- 2 Aluminum base wrap - unpainted, clearcoat protectant
- 3 Graphic panels, mechanically fastened to post

- NOTES:**
- Locate sign minimum of 2ft from edge of trail.
 - Posts attached with plate-to-plate footer. Requires concrete footer.
 - Max 7 panels on side front & back.
 - Trail ID Plaques can be added to post.

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

**TDIR.3
PEDESTRIAN DIRECTIONAL**

The TDIR.3 Sign type is an informational sign for all pedestrian trail users and may be located at decision points along the Northeast Indiana United Trails, or in parks where the trail crosses through. The municipality where the sign is located will be responsible for the four destinations directed to on these signs.

The sign is .080 aluminum. The graphics are printed directly to the panel. The panel is then secured with tamper resistant hardware.

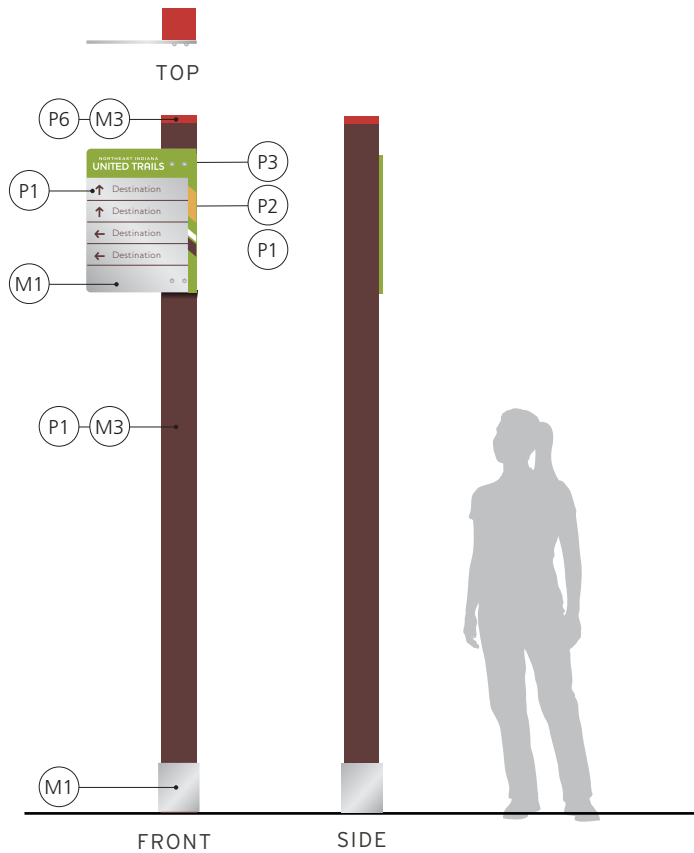
This sign is located at least 2 ft from the trail and is intended for pedestrians, rather than cyclists in motion.

A Layout is shown below for the graphic panel on this sign.

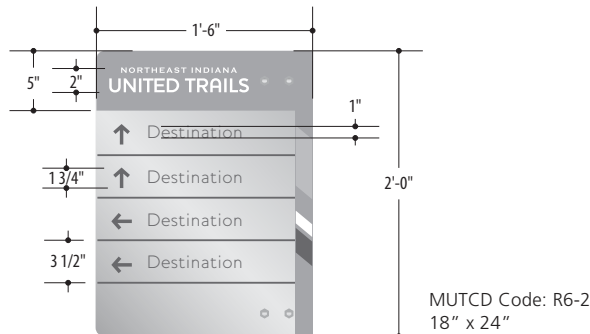
This sign is visible from 1 direction. The back of the sign panel is unpainted aluminum with a protective clear coat applied. This sign is not reflective.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.



1 Color Schedule - TDIR.3
3/8"=1'



2 Typical Layout Guidelines - TDIR.3
1"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

TDIR.3
PEDESTRIAN DIRECTIONAL

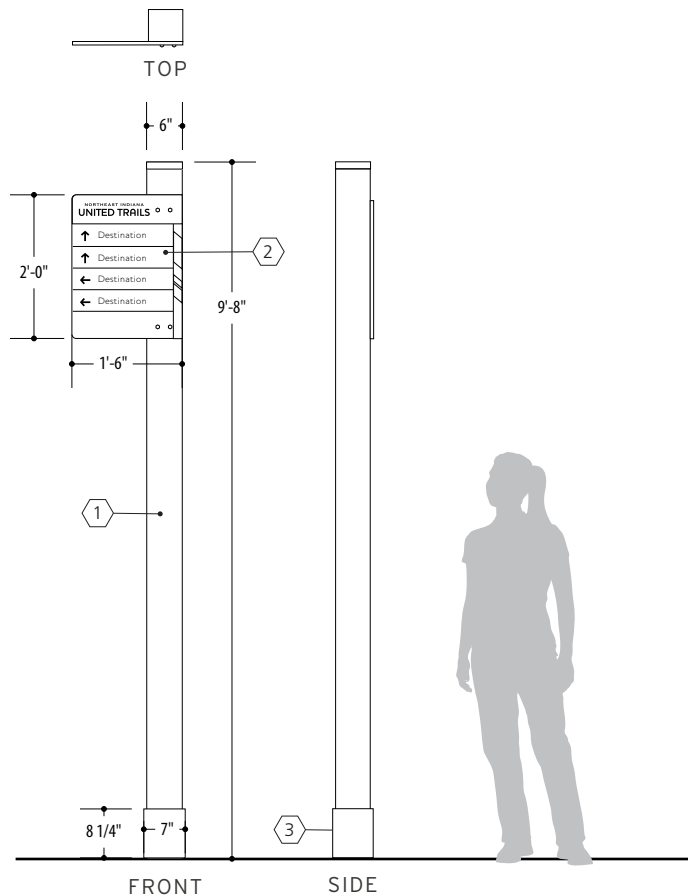
The TDIR.3 Sign type is an informational sign for all pedestrian trail users and may be located at decision points along the Northeast Indiana United Trails, or in parks where the trail crosses through. The municipality where the sign is located will be responsible for the four destinations directed to on these signs.

The sign is .080 aluminum. The graphics are printed directly to the panel. The panel is then secured with tamper resistant hardware.

This sign is located at least 2 ft from the trail and is intended for pedestrians, rather than cyclists in motion.

A Layout is shown below for the graphic panel on this sign.

This sign is visible from 1 direction. The back of the sign panel is unpainted aluminum with a protective clear coat applied. This sign is not reflective.



1 Elevations TDIR.3
scale: 3/8"=1'-0"

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

- 1 6" aluminum square posts
- 2 Graphic panel, mechanically fastened to post
- 3 Aluminum base wrap - unpainted, clearcoat protectant

- NOTES:**
- Locate sign minimum of 2ft from edge of trail.
 - Posts attached with plate-to-plate footer. Requires concrete footer.
 - Max 4 messages per side.
 - Trail ID Plaques can be added to post.

BOLLARD.1

Bollard Cover

The BOLLARD.1 sign type is an enhancement to existing concrete bollards already in place in certain areas of the Northeast Indian United Trails.

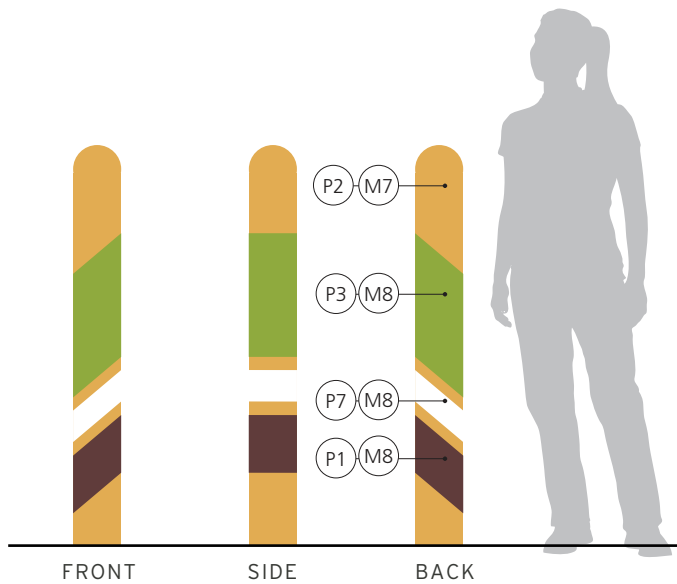
The sign type is a thermoplastic cover to go over the existing bollard that will require minimal maintenance and reflect the trail brand.

The bollard cover is a product from **www.idealshield.com**.
 PRODUCT: 1/4" Original Dome-Topped Bollard Cover. Fits over pipe sizes 3"-12" diameter. Available in PSM color 021, which is a close match to the United Trails Gold, or custom colors can be ordered to match a PMS color.

Exterior grade Opqaue Vinyl is cut and applied to the cover in angled stripes.

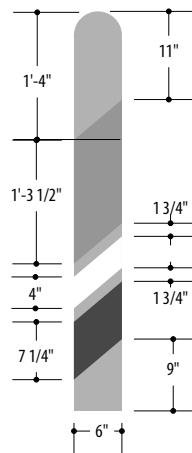
Patented installation tape is included to secure a permanent fit.

NOTE: Measurements of existing bollards need to be taken to verify sizes of bollards prior to ordering covers.



1 **Color Schedule - BOLLARD.1**

1/2"=1'



Measurements of existing painted bollards need to be taken to verify these bollard cover measurements

2 **Typical Layout Guidelines - BOLLARD.1**

1/2"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings- must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

BOLLARD.1

Bollard Cover

The BOLLARD.1 sign type is an enhancement to existing concrete bollards already in place in certain areas of the Northeast Indian United Trails.

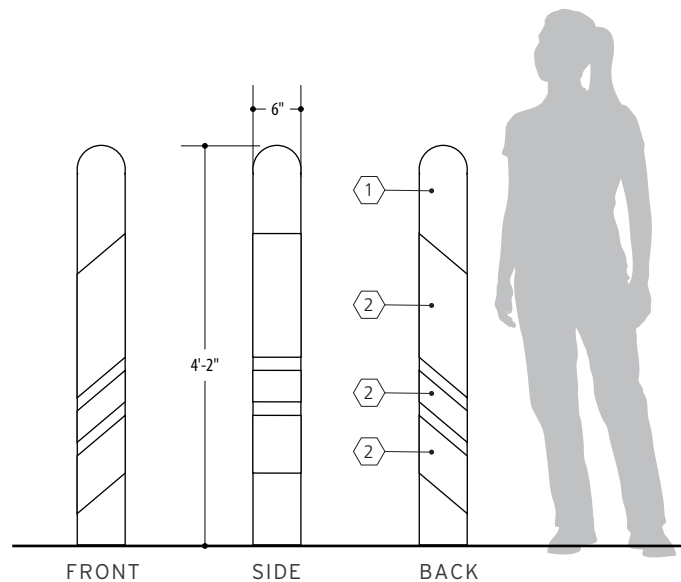
The sign type is a thermoplastic cover to go over the existing bollard that will require minimal maintenance and reflect the trail brand.

The bollard cover is a product from **www.idealshield.com**.
 PRODUCT: 1/4" Original Dome-Topped Bollard Cover. Fits over pipe sizes 3"-12" diameter. Available in PSM color 021, which is a close match to the United Trails Gold, or custom colors can be ordered to match a PMS color.

Exterior grade Opqaue Vinyl is cut and applied to the cover in angled stripes.

Patented installation tape is included to secure a permanent fit.

NOTE: Measurements of existing bollards need to be taken to verify sizes of bollards prior to ordering covers.

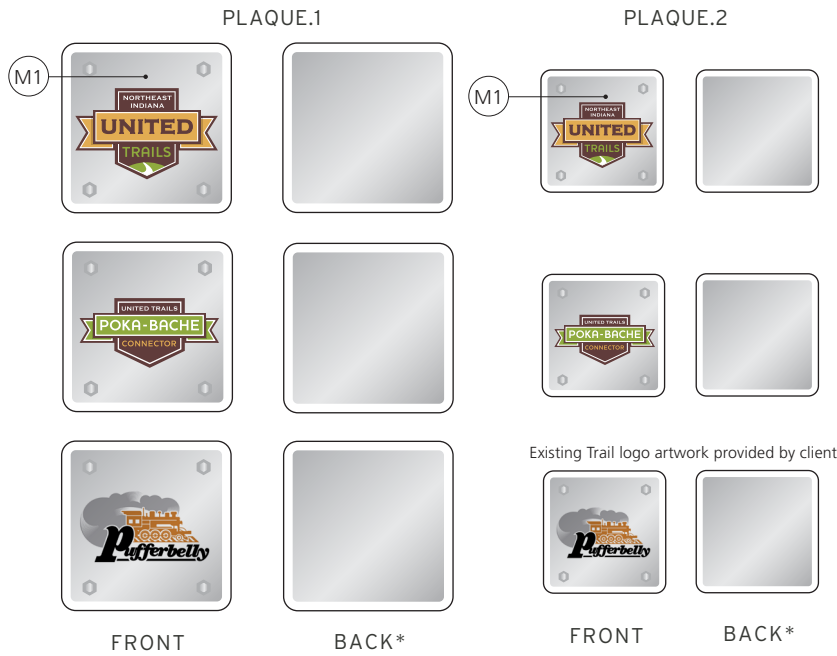


1 Elevations BOLLARD.1
 scale: 1/2"=1'-0"

- 1** 1/4" Original Dome-Topped Bollard Cover
www.idealshield.com
- 2** 3M Exterior grade Scotchcal Series 220
 opaque vinyl

NOTES:
 MEASURE EXISTING BOLLARDS PRIOR TO ORDERING COVERS

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.



PLAQUE.1
PLAQUE.2
Logo Plaques

The PLAQUE.1 & 2 Sign types are trail identification signs for new and already established trails in the Northeast Indiana United Trails system. These plaques can be used alone on existing structures on the trail, such as bridges, interpretive panels or park signs. They can also be used on new trail directional signage. (TDIR.1, TDIR.3)

Existing trail logos (ex. Pufferbelly) must be provided by client for production.

The plaques are .080 aluminum. The graphics are printed directly to the panel. Signs are mechanically fastened to base element.

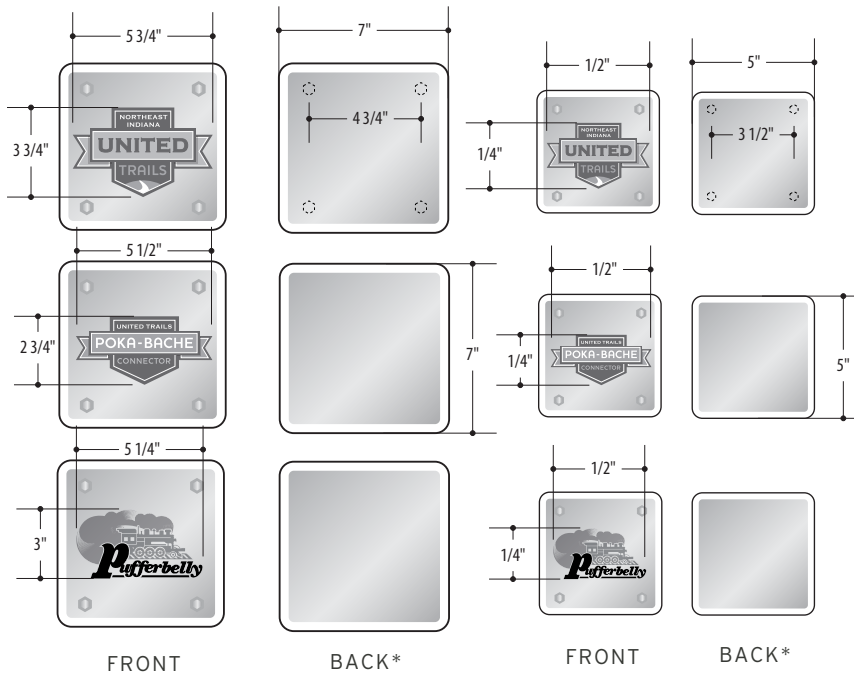
A Layout is shown below for the graphic panels on this sign.

This is a single-sided sign. This sign is not reflective.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.

① **Color Schedule - PLAQUE.1 & PLAQUE.2** *Blank unfinished metal
1 1/2"=1'



② **Typical Layout Guidelines - PLAQUE.1 & PLAQUE.2**
1 1/2"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

PLAQUE.1
PLAQUE.2
Logo Plaques

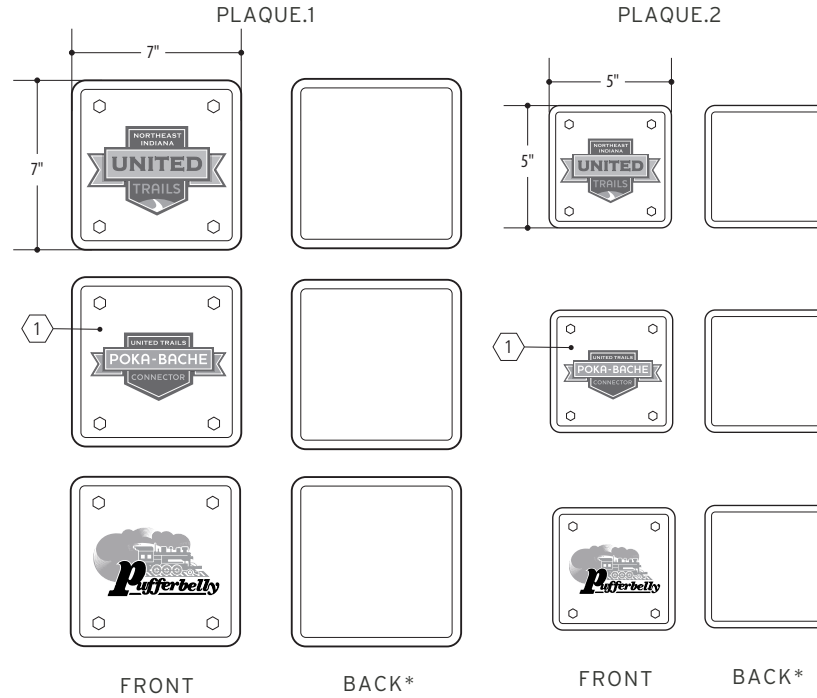
The PLAQUE.1 & 2 Sign types are trail identification signs for new and already established trails in the Northeast Indiana United Trails system. These plaques can be used alone on existing structures on the trail, such as bridges, interpretive panels or park signs. They can also be used on new trail directional signage. (TDIR.1, TDIR.3)

Existing trail logos (ex. Pufferbelly) must be provided by client for production.

The plaques are .080 aluminum. The graphics are printed directly to the panel. Signs are mechanically fastened to base element.

A Layout is shown below for the graphic panels on this sign.

This is a single-sided sign. This sign is not reflective.



1 Elevations PLAQUE.1 & 2
scale: 1 1/2"=1'

*Blank unfinished metal

1 Graphic panel, .080 aluminum. graphics printed to panel, mechanically fastened to base element

NOTES:
Existing trail logo artwork must be provided to client for production

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

PLAQUE.3

Trail Info Panel

The PLAQUE.3 Sign type is a Trail Identification Sign placed on an existing sign or Kiosk at an entry point to the trail network. It is a sub-panel identifying a place to find trail information within a park or other established area.

This sign type will vary in size depending on the existing sign on which it is being placed. The size shown here is for general pricing purposes only. The panel can extend in width by extending the brown area on each end of the panel.

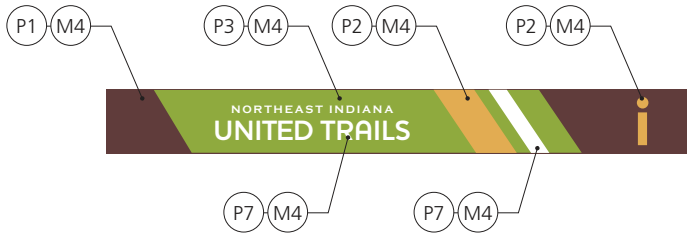
The sign will attach to the existing sign with brackets, or other best mounting method for the existing sign's condition and type.

Layouts are shown below for the graphic panel of this sign.

The back of the sign panel is unpainted aluminum with a protective clear coat applied. This sign is not reflective.

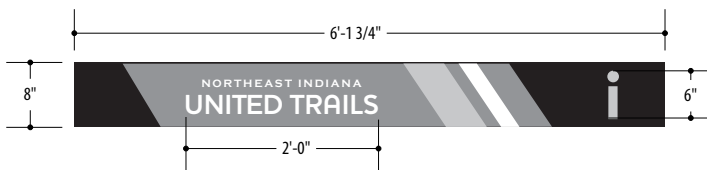
Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.



FRONT

1 Color Schedule - PLAQUE.3
1/2"=1'



2 Typical Layout Guidelines - PLAQUE.3
1/2"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings- must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

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The sign will attach to the existing sign with brackets, or other best mounting method for the existing sign's condition and type.

The back of the sign panel is unpainted aluminum with a protective clear coat applied. This sign is not reflective.



FRONT

1 Elevations PLAQUE.3
scale: 1/2"=1'-0"

1 Graphic panel, mechanically fastened to base structure

NOTES:
Locate sign panel on existing trail kiosk or other structure.

Mechanically fasten to base element, fastening method may vary depending on the existing element.

Size shown here is for pricing only, actual size width will vary depending on the existing element.

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PLAQUE.4
Trail ADA Panel

The PLAQUE.4 Sign type is a Trail Information Sign attached to an existing sign or Kiosk at an entry point to the trail network. It can also be a stand-alone sign on its own pole at a trail entry pont.

This sign is located at least 3 ft from the trail and is intended for pedestrians, rather than cyclists in motion.

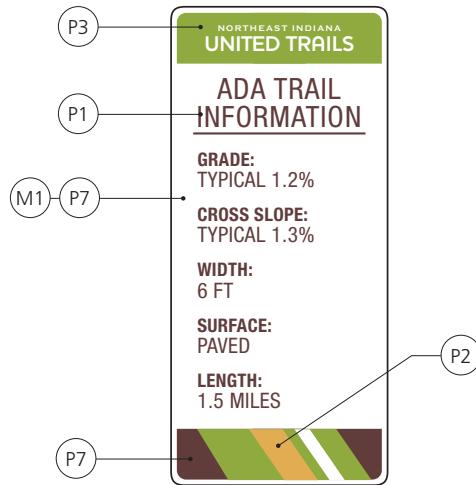
Layouts are shown below for the graphic panels on this sign. Content for this panel may include:

- Grade of trail
- Cross slope
- Trail width
- Trail surface
- Trail length

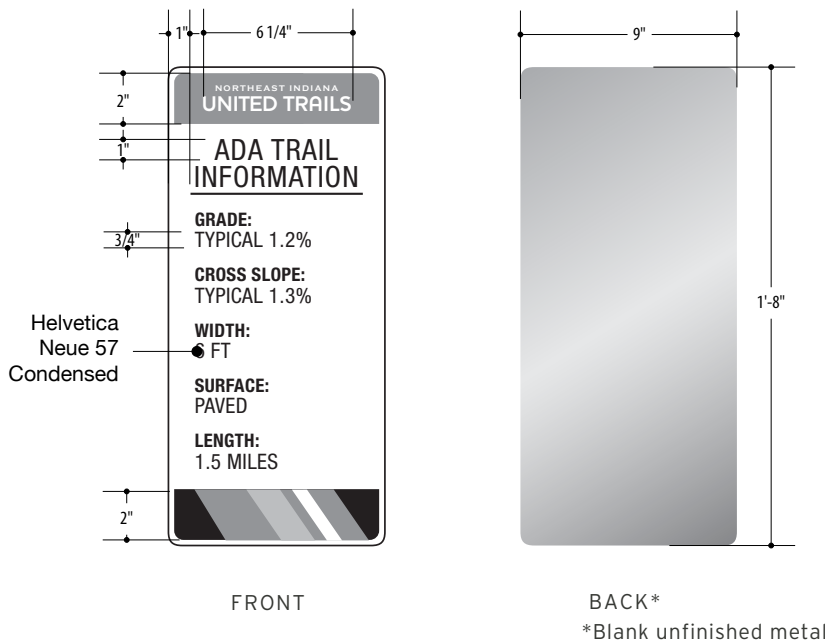
The back of the sign panel is unpainted aluminum with a protective clear coat applied. This sign is not reflective.

Refer to page 2.4 for the paint and material callouts on this drawing.

Refer to the following page for an elevation drawing of this sign type.



1 Color Schedule - PLAQUE.4
1 1/2"=1'



2 Typical Layout Guidelines - PLAQUE.4
1 1/2"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

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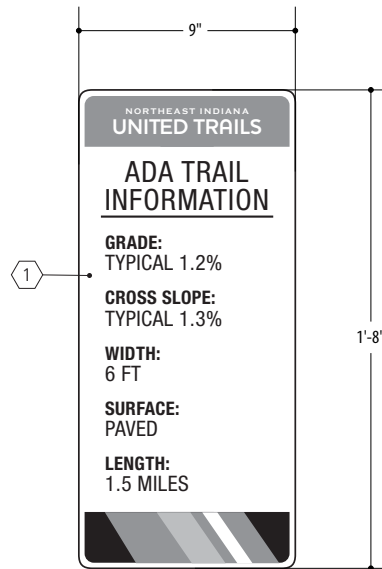
This sign is located at least 3 ft from the trail and is intended for pedestrians, rather than cyclists in motion.

Layouts are shown below for the graphic panels on this sign. Content for this panel may include:

- Grade of trail
- Cross slope
- Trail width
- Trail surface
- Trail length

The back of the sign panel is unpainted aluminum with a protective clear coat applied. This sign is not reflective.

Refer to page 2.4 for the paint and material callouts on this drawing.



1 Elevations PLAQUE.4
scale: 1 1/2"=1'

*Blank unfinished metal

- 1** Graphic panel, .080 aluminum. graphics printed to panel, mechanically fastened to base element

NOTES:

Text here is for reference only, client responsible for actual trail information.

Sign can be mechanically fastened to an existing structure or mounted to a standard 2 x 2 aluminum post.

To be ADA compliant the sign must not extend past 4" on either side of mounting base/pole.

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BARRIER.1
Trail Construction Barrier

The BARRIER.1 Sign type is a temporary Trail construction barrier element placed on construction fence barriers where new trails are under construction. This element will promote the brand and inform the public of new growth along the Northeast Indiana United Trails System.

This sign type will vary in size depending on the existing sign on which it is being placed. The size shown here is for general pricing purposes only.

This fence wrap product from www.fencescreen.com.
PRODUCT: 311 Series Custom Printed FLEX Mesh - 80% blockage. Grommets attached mesh to fence with Fencescreen fasteners.

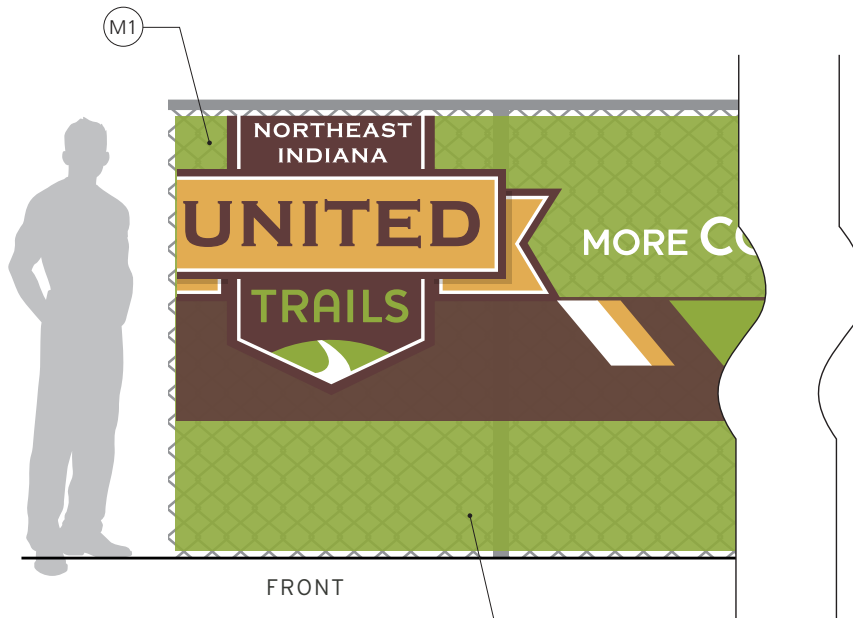
A repeating graphic will be used for the artwork on the barrier. It will be provided to NIIRCC by the designer.

Refer to page 2.49 for enhancements available for this sign type.

Refer to the following page for an elevation drawing of this sign type.



FULL GRAPHIC



FRONT

1 Color Schedule - BARRIER.1
3/8"=1'

Artwork to be provided by designer

These drawings are meant for DESIGN INTENT 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. NIIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

BARRIER.1

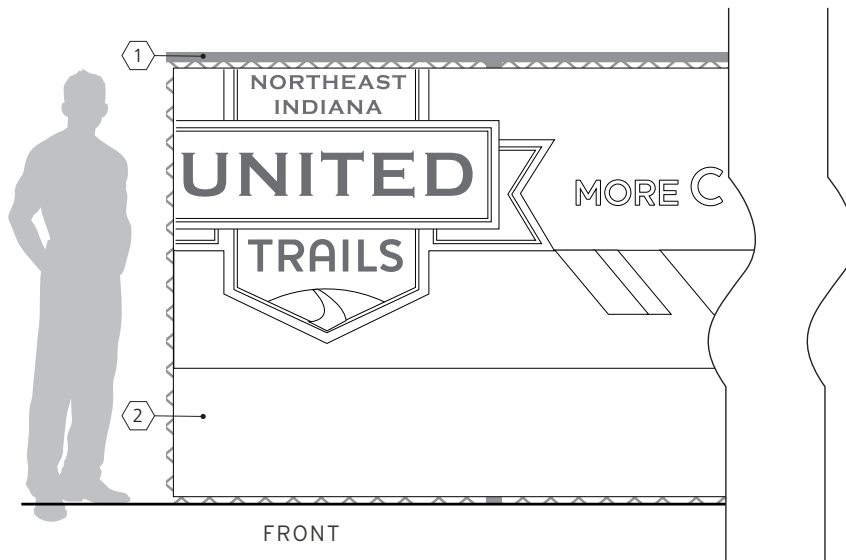
Trail Construction Barrier

The BARRIER.1 Sign type is a temporary Trail construction barrier element placed on construction fence barriers where new trails are under construction. This element will promote the brand and inform the public of new growth along the Northeast Indiana United Trails System.

This sign type will vary in size depending on the existing sign on which it is being placed. The size shown here is for general pricing purposes only.

This fence wrap product from www.fencescreen.com.
 PRODUCT: 311 Series Custom Printed FLEX Mesh - 80% blockage. Grommets attached mesh to fence with Fencescreen fasteners.

A repeating graphic will be used for the artwork on the barrier. It will be provided to NIIRCC by the designer.

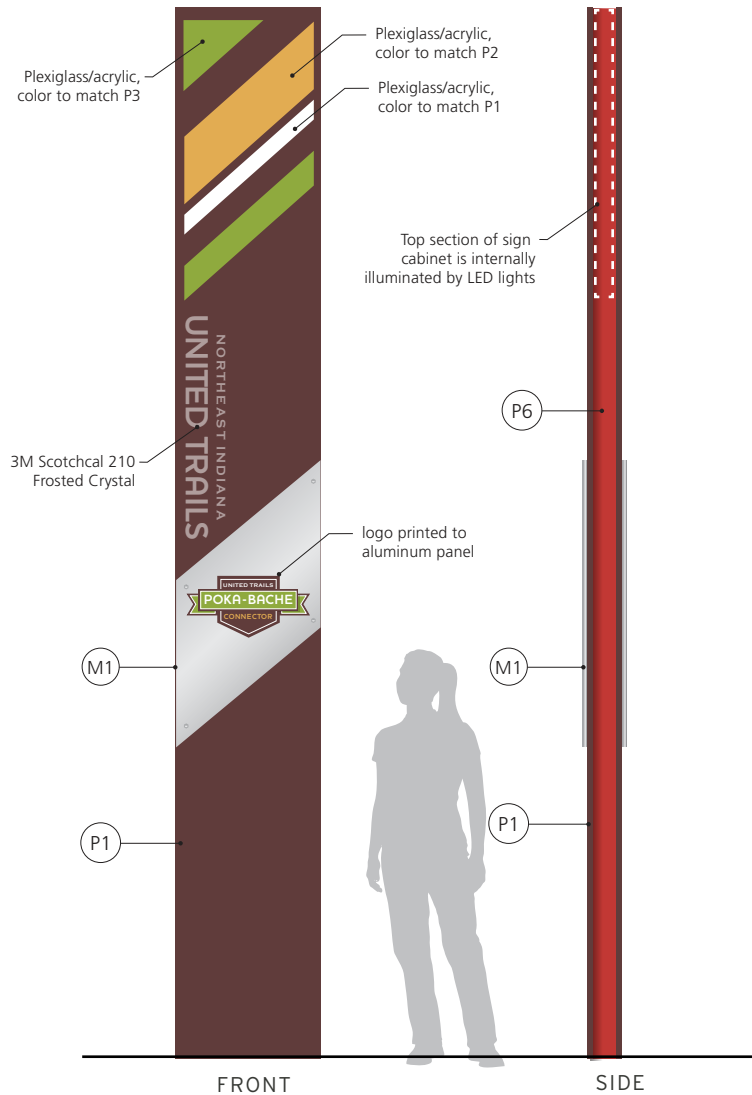


1 Elevations BARRIER.1
 scale: 3/8"=1'-0"

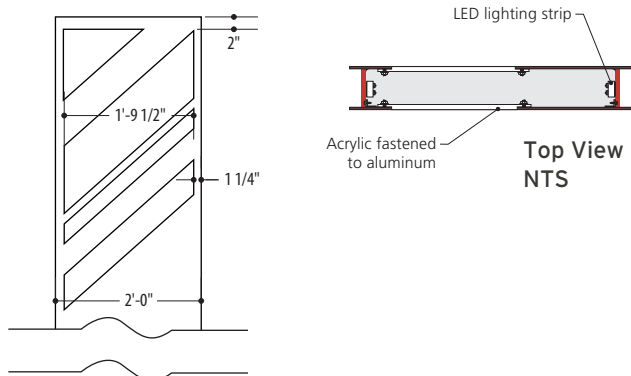
- 1 Temporary Chain Link fence panels
- 2 Vinyl Printed Fence wrap material, attached to temporary chain link fence.

NOTES:
 Locate sign at least 6ft off path or road

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1 Enhanced- TRAIL_ID.1E
3/8"=1"



Some Sign Types have special features, or enhancements, that can be added to them if a county or municipality desires an upgrade. There are three sign types which offer enhancements.

TRAIL_ID.1_E
Enhanced Trail Gateway

TRAIL_ID.1E can be internally illuminated - creating a visible beacon at the top of the monument at dusk and into the evening hours. The colors will be visible during the day as well when the sign is not illuminated.

The top of the sign cabinet is an illuminated box with LED light strips running down the sides of the box.

Power will need to run to within 3ft of the sign location. A timer will be needed to control when the sign is illuminated.

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KIOSK.1E

Enhanced Trail Kiosk

KIOSK.1E has two enhancements available for consideration. Both enhancements do not have to be used. The first enhancement is a gabion-style base, filled with quarry stone from the area quarries. The second enhancement is a bench for trail users to use as they prepare to go on a trail.

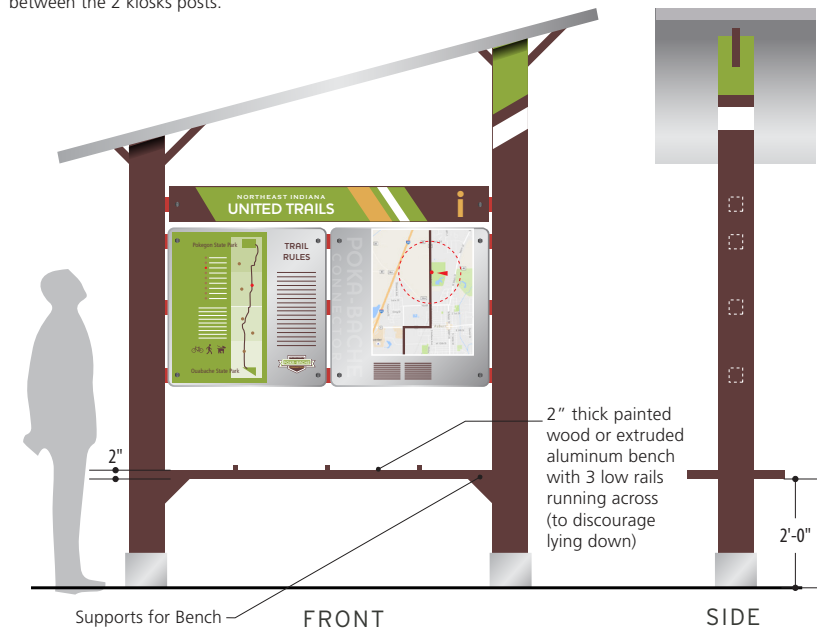
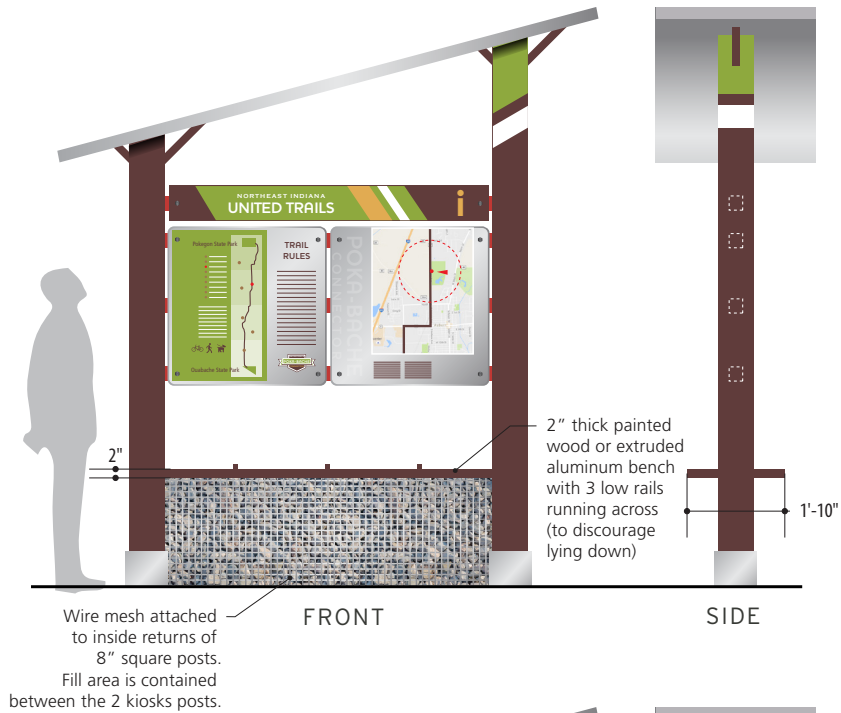
GABION-STLE BASE

Wire screen can be attached across the support beams of the KIOSK.1E sign and filled with local quarry stone. The Wire mesh should be heavy duty wire and the openings should be small since the local quarry stone are not huge rocks, but smaller stones. This base will be visually interesting and connected to the area through the use of local materials. There are several wire mesh panels available through this website: www.mcnichols.com/designer/wire-mesh

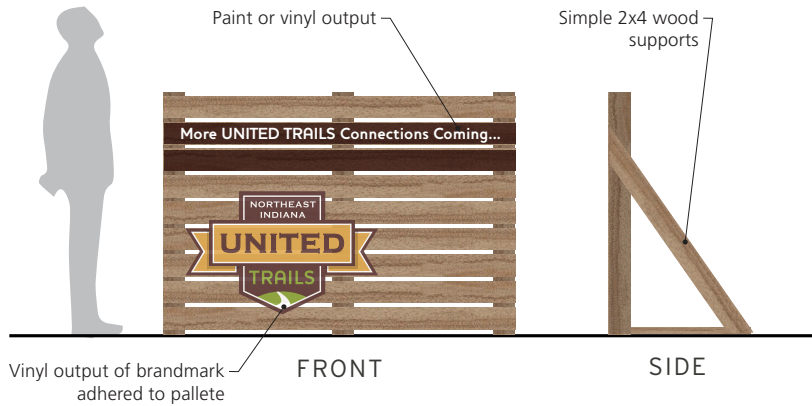
BENCH

A bench provides a spot for trail users to prepare for entering a trail - a place to tie shoes, check maps and maybe rest after a ride. A bench can be installed either with or without the gabion-style enhancement detailed above. Three low rails divide the bench into four sections. This is to discourage people from laying down on the bench. The bench is 2" thick and can be painted wood to match the brown aluminum posts of the Kiosk structure, or the bench can be made of aluminum as well.

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1 Enhanced - KIOSK.1E
1/4"=1'



BARRIER.1E
Enhanced Construction Barrier

BARRIER.1E is not so much an enhancement as rather a design option. This design option uses wooden pallets (available for free from some establishments!) in an effort to be environmentally aware and reuse natural material along the United Trails.

PALLET BARRIER

A wood pallet stood up on its side and supported by wood 2x4 angles creates a simple and inexpensive barrier that could be used to close off trail areas that are under construction. The pallets can be painted in the brand colors (stripes are a brand graphic used on other signage), or a graphic print of the logo could be output and adhered to the wood pallet.

These barriers can be easily moved. They can also be unique to where they are located. This is an opportunity for the community to become involved in the expansion of the United Trails System. Community groups, scout troops, schools, and parks can decorate a pallet barrier to be used along the trail as needed.



DESIGN IDEAS

1 Enhanced - BARRIER.1E
1/4"=1'

These drawings are meant for DESIGN INTENT 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. NIRCC or the Municipality requesting shop drawings-must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to NIRCC or the Municipality for approval prior to proceeding with fabrication. All text shall be proofread by client and legal requirements checked by legal department.

section 3

Wayfinding Guidelines

- 3.2 Destination Selection
- 3.7 Function and Placement of Wayfinding Elements
- 3.10 Placement Strategies

Destination Selection and Prioritization

Following the first principle, “connecting communities,” these guidelines describe an approach for selecting and prioritizing the potential destinations to which trail users may want to travel. Pedestrian signs allow for four slots of information or destinations per panel. Bicycle signs only allow for three slots of information or destinations per sign. Thus, a consistent approach to selecting destinations to be included on wayfinding elements is necessary, given the multitude of potential destinations possible. Signs should follow the same approach throughout the region so that the system is clear and predictable. Destinations and their names should be referred to consistently until they are reached.

Potential destinations for inclusion on signs are generally categorized within a range of four levels. Level 1 destinations should receive first priority on wayfinding signs on regional trails, followed by Level 2 and then Level 3. Level 4 destinations should only be included when other destinations are not present to fill available slots on a sign. For the purpose of the Northeast Indiana United Trails Wayfinding Guidelines, these levels have been broadly organized as follows:

- Level 1 – Counties, Cities, Communities**
- Level 2 – Districts, Neighborhoods, State Parks**
- Level 3 – Landmarks**
- Level 4 – Local Destinations**

Community and local trails typically serve shorter trips within their immediate community. Signs on such facilities may prioritize Level 2 through Level 4 destinations, recognizing that longer, regional trips are more likely to occur via longer trail corridors such as the Primary trail - The Poka-Bache Connector.

The table at right categorizes destinations within the United Trails area.

| |
|--|
| LEVEL 1 - Cities and Communities |
| Level 1 destinations include counties, cities, major communities, that The United Trails System connects. Highlighting cities and communities provides large-scale geographic orientation for regional travel. Level 1 destinations provide “pull through” destinations for cyclists who are travelling significant distances, as well as a full range of attractions and services for all users. If a town does not include a destination and services, it may be excluded from signs. Level 1 destinations should be included on directional signs and orientation maps found on kiosks. |
| LEVEL 2 – Districts and Neighborhoods |
| Level 2 destinations provide a finer grain of navigational information than Level 1 destinations by directing users to recognizable districts, neighborhoods and state parks. These may be city centers, historic, commercial, cultural, or post secondary educational districts, or neighborhoods with a distinct name and character. Emphasis should be placed on districts providing a mix of services. Neighborhoods not offering services or attractions need not be included. |
| LEVEL 3 - Landmarks |
| Level 3 destinations are specific landmarks or major attractions which generate a high amount of bicycle travel. Landmarks include transit stations, major tourist venues, and regional parks. |
| LEVEL 4 – Local Destinations |
| Level 4 destinations are local destinations such as local parks, high schools, shopping centers, and healthcare facilities. They typically occur on signs in low density areas where few other destinations are present or along trails not connecting higher priority Level 1-3 destinations. |

Signing Distances

Signing distances suggest the maximum distance that destinations should appear on directional signs. This process ensures that information is spread along the journey in manageable amounts according to a cyclist's immediate needs.

Level 1 destinations provide navigational guidance to the widest spectrum of system users and thus should be prioritized on signs. As a priority, Level 1 destinations should appear on signs up to three miles away. Level 2 destinations appeal to a broad spectrum of users and should be included on signs up to two miles away. Level 3 and 4 destinations are places of either regional or local interest and should be signed up to one mile away. Cities farther from a principal city with important civic, commercial, or cultural resources may elect to sign that city even though it may be located at a distance farther than 3 miles.

Distances may be measured either to a destination boundary or center, as long as the approach is consistent throughout the region. Cities (Level 1 destinations) typically have a well-defined edge and thus should be measured to boundary lines.

Districts (Level 2 destinations) are less defined in terms of their boundaries and thus should be measured to their centers. Level 3 and 4 destinations are typically specific addresses and thus distances should be measured to the main entrance of their specific location. If a Level 3 or 4 destination is large or has several access points, distance should be measured to the point at which the trail user will arrive at the destination.

Destination Order

The closest destination lying straight ahead should be at the top of the sign or assembly, and below it the closest destinations to the left and to the right, in that order. If more than one destination is displayed in the same direction, the name of a nearer destination shall be displayed above the name of a destination that is further away.

In situations where two destinations of equal significance and distance may be properly designated and the two destinations cannot appear on the same sign, the two names may be alternated on successive signs.

Destination Selection Criteria

Listed below are the inclusion criteria for determining where a specific destination may fall in the destination hierarchy and whether the destination will be considered for inclusion on wayfinding elements. Destinations to be signed should be places that are open and accessible to the public.

LEVEL 1 – CITIES AND COMMUNITIES

Counties, cities and communities which are members of the Northeast Indiana United Trails system shall be included as Level 1 priority destinations.

LEVEL 2 – DISTRICTS AND NEIGHBORHOODS

Districts and neighborhoods may be included on signs if the area has been formally established by resolution or ordinance of the appropriate local agency or if the district has developed and implemented its own internal wayfinding sign plan. Examples of districts include city centers, university districts, or arts districts. Neighborhoods having historic character or otherwise significantly contributing to the culture and vibrancy of a city may also be signed. **State Parks are also included at this level.**

LEVEL 3 - LANDMARKS

Level 3 landmarks have regional importance and can reasonably be expected to be in operation for years to come. This level may also include Landmarks that are not currently open, but could be coming to the region in the near future. Level 3 destinations include:

Businesses and Services

Medical facility - Hospitals, veterans' services providers, and clinics may be considered if the facilities meet all of the following criteria:

- Service is provided 24 hours a day, seven days a week
- Emergency department facilities and services are provided
- The facility is licensed or approved for definitive medical care by an appropriate state authority

Shopping Center - A group of thirty or more shops, retail stores, and/or restaurants with at least one major department store functioning as an anchor.

Visitor Center - A facility having the primary purpose of providing information and tourist support services. Must be approved by the State Department of Community and Economic Development.

Education

2-Year College - An educational institution that is nationally accredited and grants degrees. Nationally accredited universities and colleges are included under level 2.

Entertainment and Culture

Historic Site - A structure or place of historical, archaeological, or architectural significance listed on the National Register of Historic Places.

Museum – A facility of national or regional significance exhibiting works of artistic, historic, or scientific value.

Performing Arts Venue – A facility focused on the enjoyment of the performing arts and providing a minimum capacity of two hundred seats.

Botanical Garden or Zoo – Accredited institution, where plants and/or animals are kept and cared for, while also offering public education.

Public Facilities

Airport – A facility licensed for landing and takeoff of aircraft.

Civic Building - City hall, court house, fire or police station.

Recreation or Community Center – Publicly-owned buildings offering places to recreate, learn, or gather.

Library - A repository for literary and multi-media materials, such as books, periodicals, newspapers, recordings, films, and electronic media, kept and systematically arranged for use and reference.

Park – Publicly-owned regional parks.

Trail – Named regional facilities built for transportation and recreation purposes and used by both cyclists and pedestrians.

Transit Center – Passenger terminals facilitating access to light rail, passenger train, or multiple bus lines. Park and Ride facilities also qualify.

Sports Facilities

Golf Course - Golf facilities hosting major national events and offering at least eighteen holes of play. Miniature golf courses and driving ranges are not considered a Level 3 landmark.

Stadium or Arena – A permanent facility used for the primary purpose of presenting organized sporting events. Includes county and state fairgrounds.

LEVEL 4 - LOCAL DESTINATIONS

A city may wish to extend its wayfinding system to include local destinations. This may be useful in lower density areas or on more rural routes where Level 1 to 3 destinations are not present. Each city is unique, but generally larger civic institutions such as libraries, museums, or community centers will take precedence over specific local services and visitor accommodations.

Businesses and Services

Medical Facility - Licensed facilities that provide emergency or urgent care services. Need not be open 24 hours per day, seven days per week.

Shopping Center - A group of at least five, but less than thirty shops, retail stores, or restaurants.

Visitor Accommodation – Resorts or hotels having a satisfactory or three star rating or better and having a minimum of seventy-five guest rooms.

Community Facilities

Cemetery - A large public park or ground laid out expressly for the interment of the dead.

Education

Secondary School – Public schools providing high school-level education to students generally aged eleven through eighteen.

Entertainment and Culture

Movie Theater - A permanent indoor entertainment facility with capacity for at least two hundred seats which is focused on entertainment through film for visitors of all ages.

Museum – A facility of local recognition exhibiting works of artistic, historic, or scientific value to the general public.

Performing Arts Venue - A facility focused on the public's enjoyment of the performing arts and having a capacity of less than two hundred seats.

Amusement Park - A permanent facility having multiple devices for entertainment, including rides, booths for the conduct of games, or sale of items, buildings for shows and entertainment, and restaurants and souvenir sales.

Public Facility

Local Park - Publicly-owned local parks.

Post Office – Official federal postal service center.

Sports Facility

Golf Course - A facility open to the public and offering fewer than eighteen holes of play. Miniature golf courses and driving ranges may be considered.

Sports Field – A permanent facility used for the primary purpose of presenting and practicing local organized sports.

Naming Advice

The names of the destinations above are not necessarily the same terms which should be included on wayfinding signs. During the master plan process, specific places to be signed should be identified and prioritized. At the same time, stakeholders should establish specific terms to be used. Generally 12-13 characters (including spaces) is the ideal length of location words to be included as location information on wayfinding signs. Fifteen characters is the longest length expected to fit on bicycle wayfinding signs.

The shortest necessary term to identify a place should be used. For example, the phrase "White Plains Lake Regional Park" will not fit in the space provided. While either "White Plains Lake" or "Regional Park" would fit, "Regional Park" is more likely to be understood by visitors as a destination with services. Lutheran Hospital of Indiana would have more effective glance recognition simply as "hospital." Using symbols on bike signs is not recommended by this guidelines document.

Abbreviations

In general, when placing destination names on signs, the use of abbreviations should be kept to a minimum whenever possible. When insufficient space is available for full wording, abbreviations may be used. A list of accepted abbreviations per the MUTCD is included in the table at the right. Unless necessary to avoid confusion, periods, commas, apostrophes, question marks, ampersands, and other punctuation marks or characters that are not letters or numerals should not be used in any abbreviation.

| WORD MESSAGE | ABBREVIATION |
|----------------------------------|--------------|
| Alternate | ALT |
| Avenue | AVE |
| Bicycle | BIKE |
| Boulevard | BLVD |
| Bridge | BR |
| Center (as part of a place name) | CTR |
| Circle | CIR |
| Court | CT |
| Crossing (other than highway) | X-ING |
| Drive | DR |
| East | E |
| Hospital | HOSP |
| Information | INFO |
| International | INTL |
| Junction/Intersection | JCT |
| Mile(s) | MI |
| Miles Per Hour | MPH |
| Minute(s) | MIN |
| Mount | MT |
| Mountain | MTN |
| National | NATL |
| North | N |
| Parkway | PKWY |
| Pedestrian | PED |
| Place | PL |
| Road | RD |
| Saint | ST |
| South | S |
| Street | ST |
| Telephone | PHONE |
| Terrace | TER |
| Trail | TR |
| West | W |

Function and Placement of Wayfinding Elements

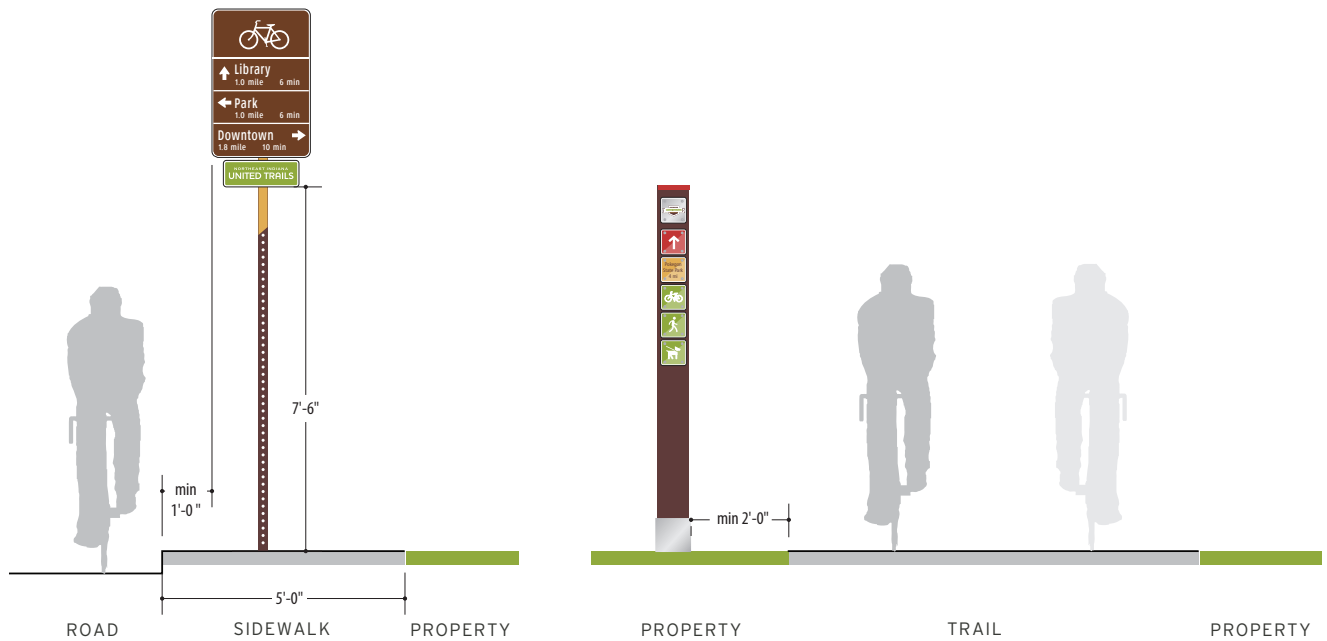
Based on field reconnaissance, best practices review, public input, and discussions with committee members regarding wayfinding needs in the Northeastern Indiana area, the following sign typologies are recommended for the United Trails Wayfinding System elements.

Fundamental Bicycle Elements

Bicycle oriented wayfinding elements include decision, confirmation, and turn signs as well as mile markers. Each element is designed to be legible by the cyclist while in motion. The design of off-street bicycle facilities or shared use trails is typically based on a cyclist speed of 18 mph. The design speed of a trail should not be confused with the assumed travel speed used to project distance based on travel time on wayfinding signs. When adding travel time to signs, a “no-sweat” pace of 10 mph or six minutes per mile should be used.

Per the MUTCD, the nearest edge of any potential obstruction including signs and mile markers should be a minimum of two feet from the edge of the trail. The lowest edge of post-mounted signs should be four to five feet above finish grade. The lowest sign edge of on-street bicycle signs should be seven feet.

In general, regulatory and warning signs are a higher priority than wayfinding signs. Care should be taken to not obscure priority information. This includes providing a typical spacing of no less than 75 feet between signs along off-street trails. This distance is based on travel speeds and thus is generally greater for on-street systems.





Whether it's walking, jogging or a casual bike ride, Northeast Indiana United Trails promote a healthy and open lifestyle. There are a variety of sign types that can be incorporated along the trails that will help connect communities.

Trailheads

This element can identify a trail, provide orientation through maps, and offer community information. There is also the opportunity to build technology and sustainable materials into the trailhead design. The scale of Trailheads vary depending on the location and amenities available at the trailhead.

Directional Signs

Located at key decision points, these signs direct to nearby amenities, additional trails, and access points. These signs also provide confirmation for users out on the trail that they are still in the trail system and going the correct direction.

Mile Markers

Aids trail users with measuring distance travelled. These can also provide trail managers and emergency response personnel points of reference to identify field issues such as maintenance needs or locations of emergency events. These signs are to be placed every 1/4 to 1/2 mile along the Trail network.

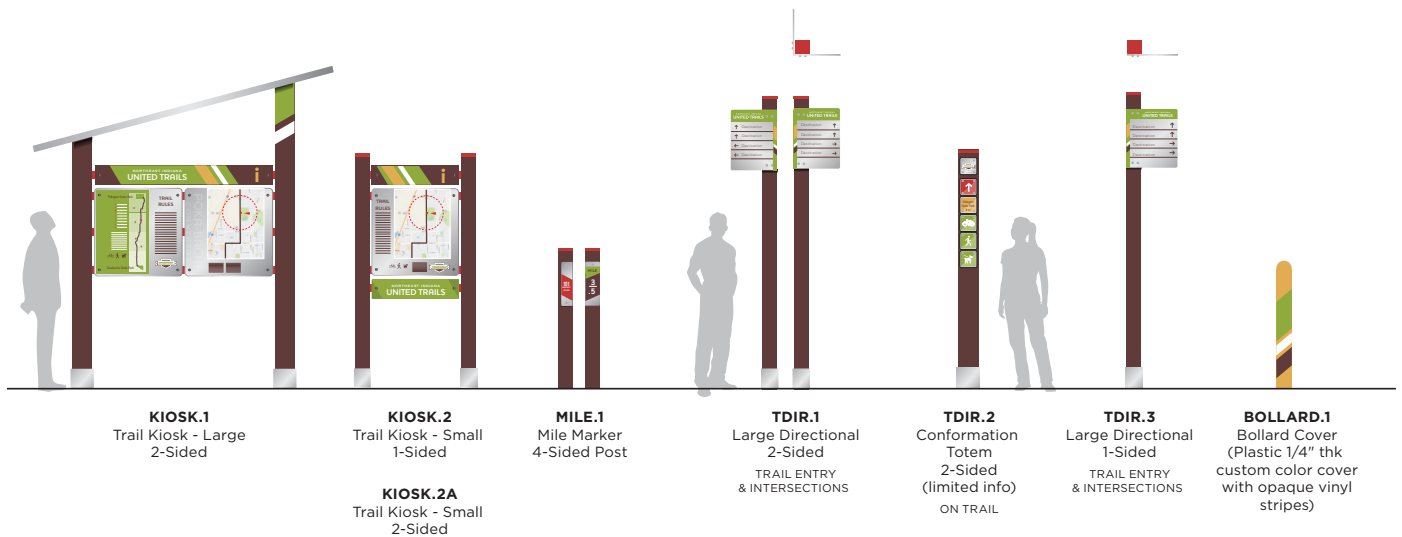
SUPPLEMENTAL ELEMENTS

Trail Parking Signs

Function and Content: These signs direct to trail parking areas and specific parking spots. These are vehicular signs and must comply with MUTCD guidelines with regard to reflectivity and breakaway poles.

Banners

Function and Content: Serves as a Trail branding opportunity alerting the public to the Trail's presence. The initial welcome and identification of secondary Trail access points (where parking may not be readily available). United Trails brand mark, trail name, tagline and local jurisdiction identity/logo.



Information Kiosks

Function and Content: A clearing house of information for trail users at a more detailed level than other elements. Includes space for orientation map graphics indicating the off-street route, on-street connections, major geographic features, and area destinations. Space shall be available for trail rules and responsibilities, as well as emergency and trails manager contact information and logo.

Located at trailheads and major trail system access points. Should be set back from the edge of the trail travel way in order to provide areas to dwell and consider the information. Not locating the signs within the first three feet of a trail edge removes a potential physical obstacle from the travel way, as well as providing a clear circulation area per accessibility guidelines.

Bollard Covers

Function and Content: Include opportunities to add the system brand colors to existing features to expand visibility at an affordable rate. Cover existing bollards and incorporated into new trailheads and access routes as they are constructed.

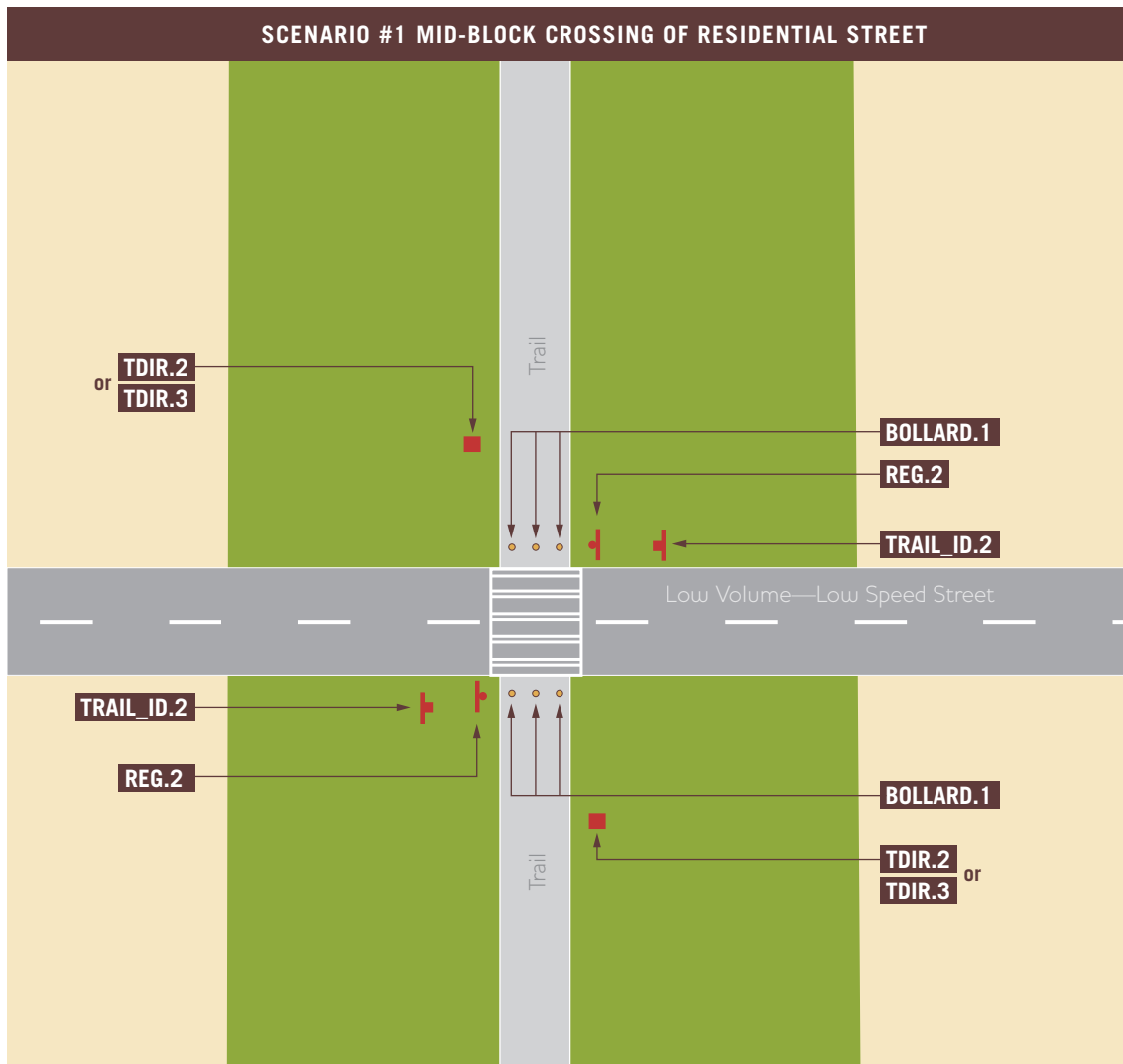
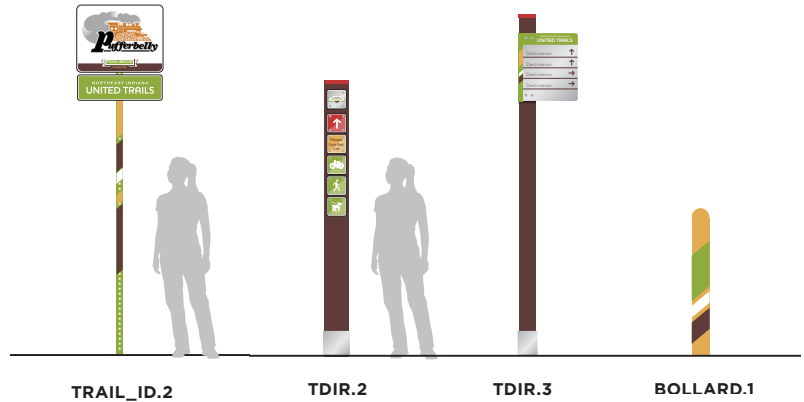
Trail ID Plaques

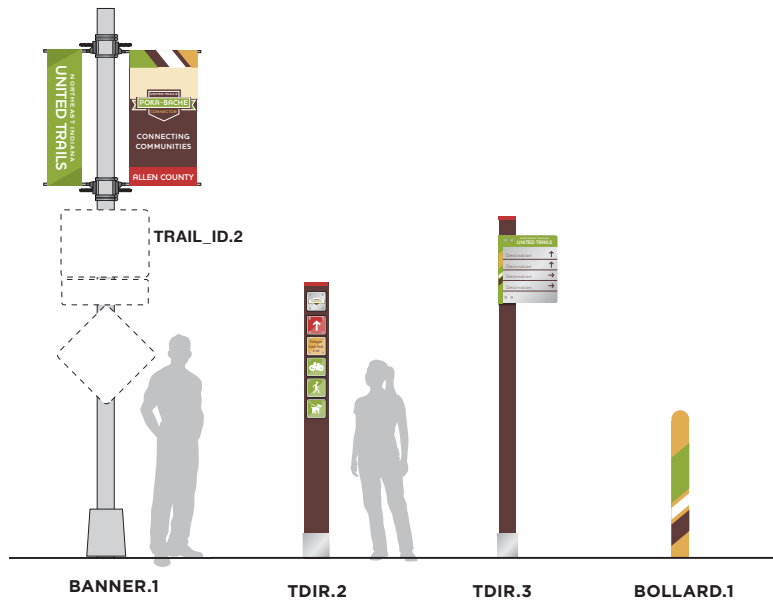
Function and Content: Supports the theme of connecting communities by reinforcing which Trail the user is on, assuring them they are still in the trail system. May be mounted to existing or new wayfinding sign posts, bridges, or other trail structures

SCENARIO #1: MID-BLOCK CROSSING OF RESIDENTIAL STREET

The following typical placement scenario is a trail crossing a low speed street, possibly a residential street. Signage includes:

- Trail ID
- Trail Directionals
- Bollards
- MUTCD Regulatory Signage

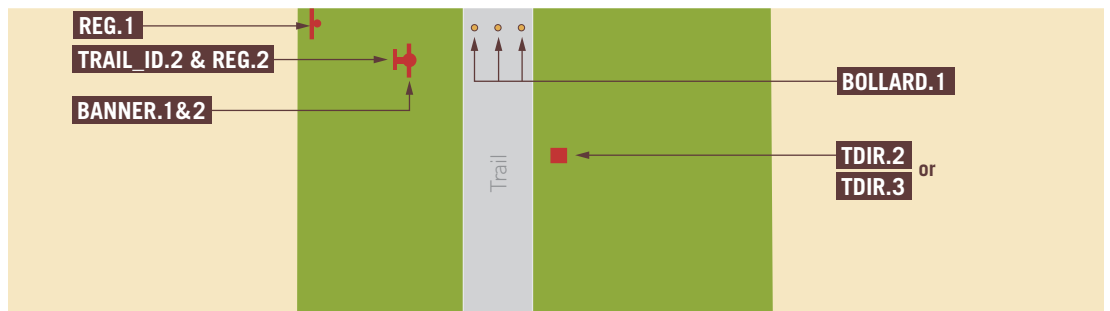
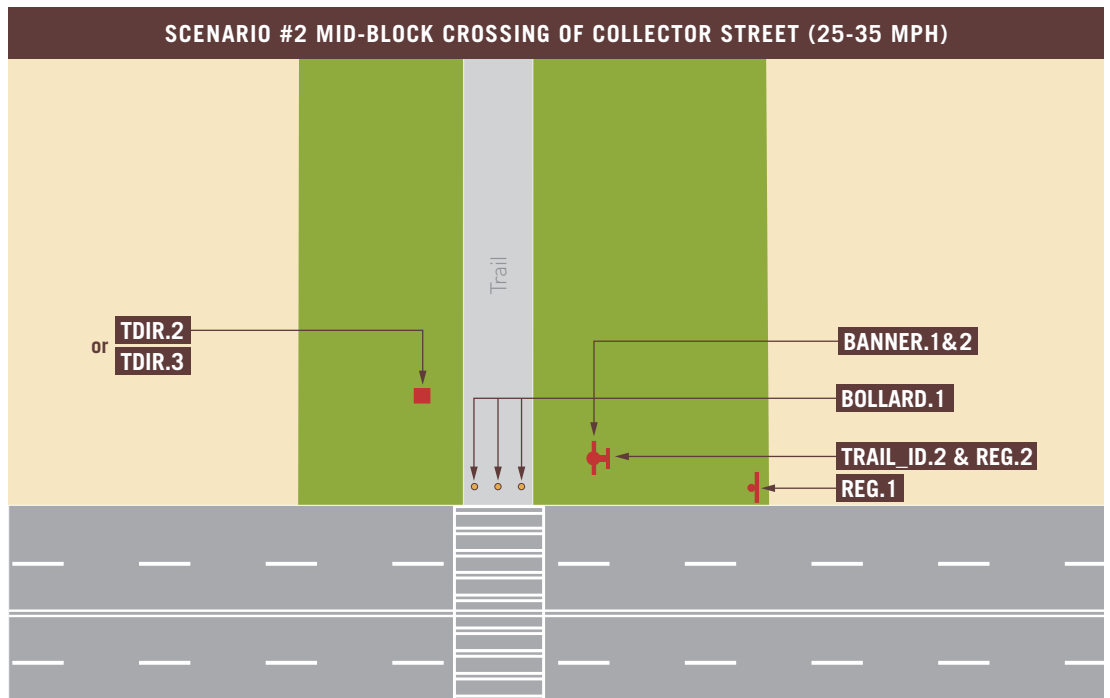




**SCENARIO #2:
MID-BLOCK CROSSING OF
COLLECTOR STREET**

The following typical placement scenario is a trail crossing a low speed collector street. Signage includes:

- Banner with Trail ID
- Trail Directionals
- Bollards
- MUTCD Regulatory Signage

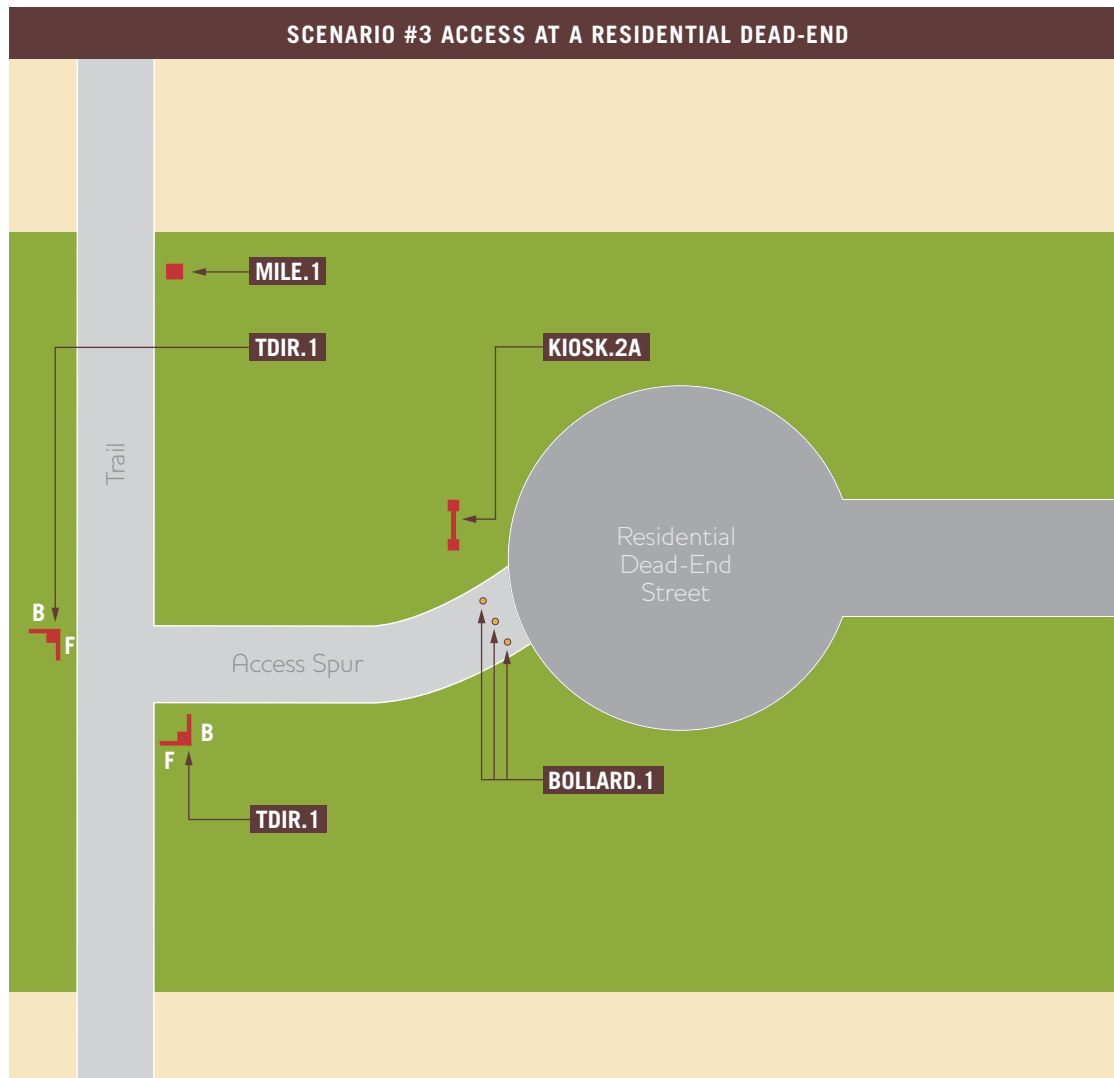
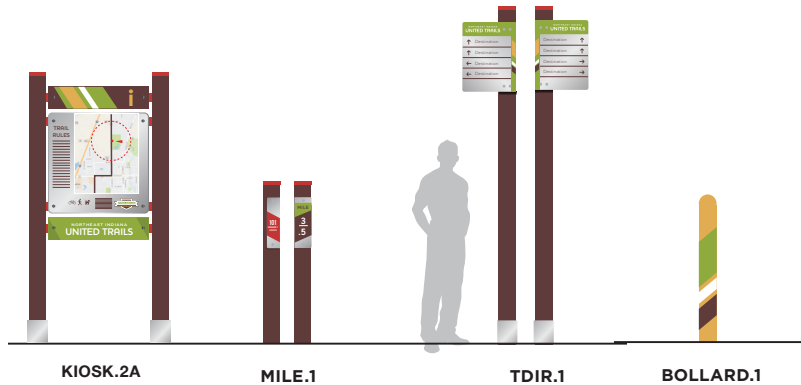


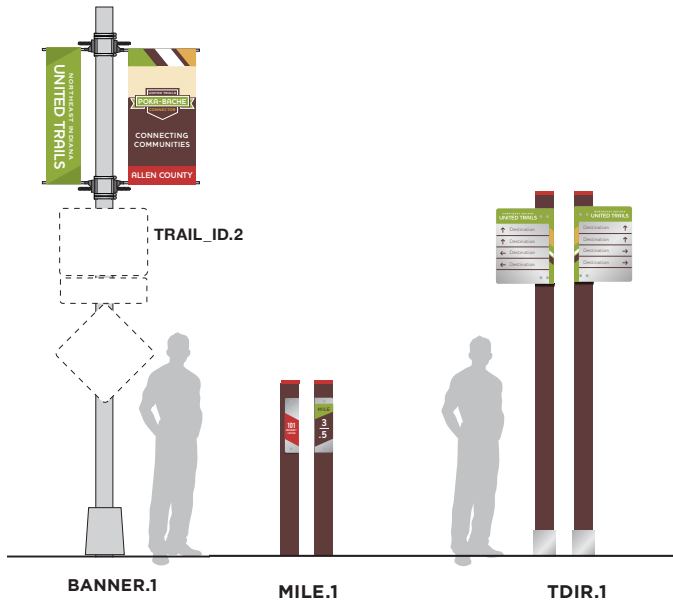
SCENARIO #3:

Access Spur - Residential

The following typical placement scenario is a trail crossing a low speed street, possibly a residential street. Signage includes:

- Small Kiosk
- Trail Directionals
- Bollards
- Mile Marker

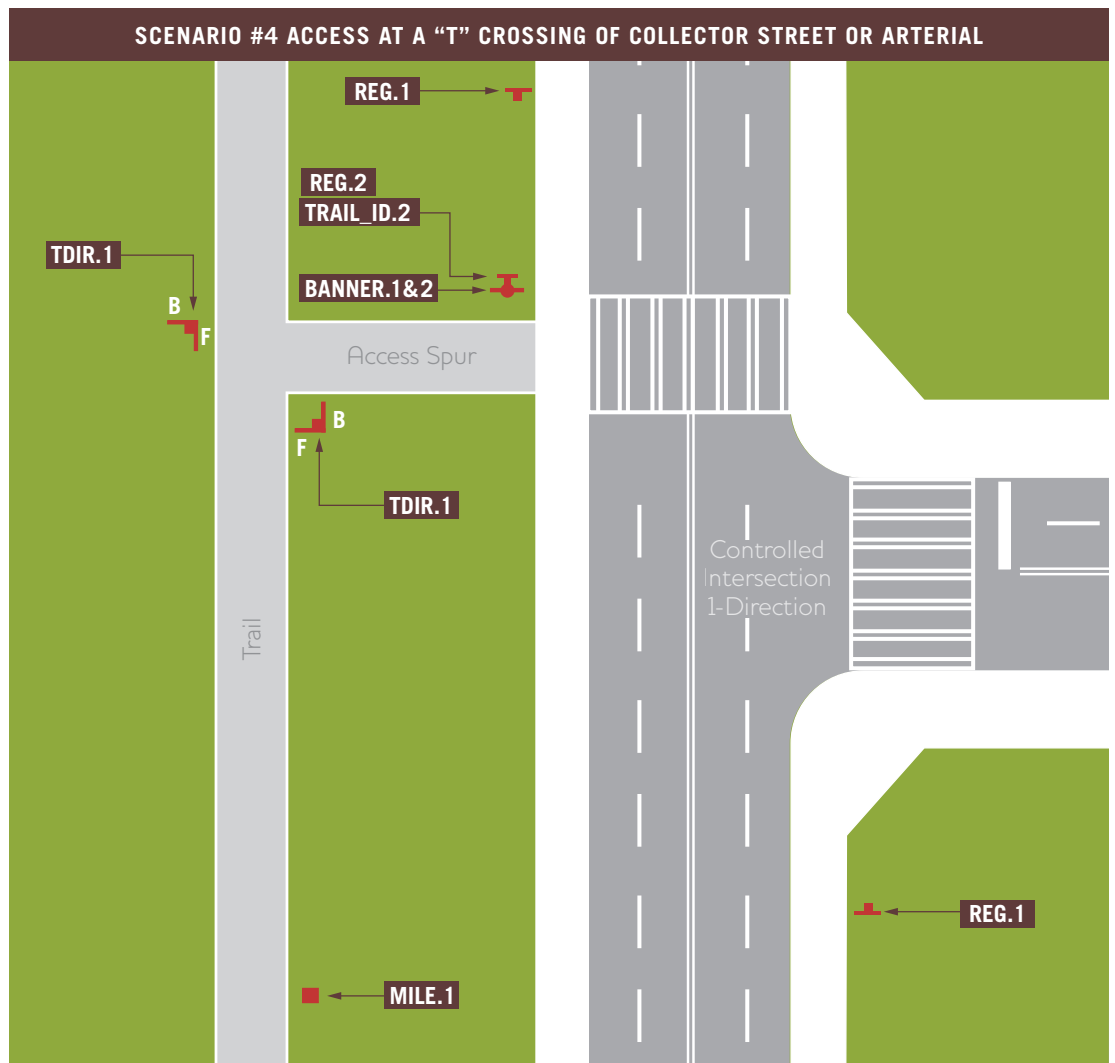




**SCENARIO #4:
T CROSSING OF
COLLECTOR STREET**

The following typical placement scenario is a T-trail collector street or arterial. Signage includes:

- Banner with Trail ID
- Trail Directionals
- Bollards
- MUTCD Regulatory Signage

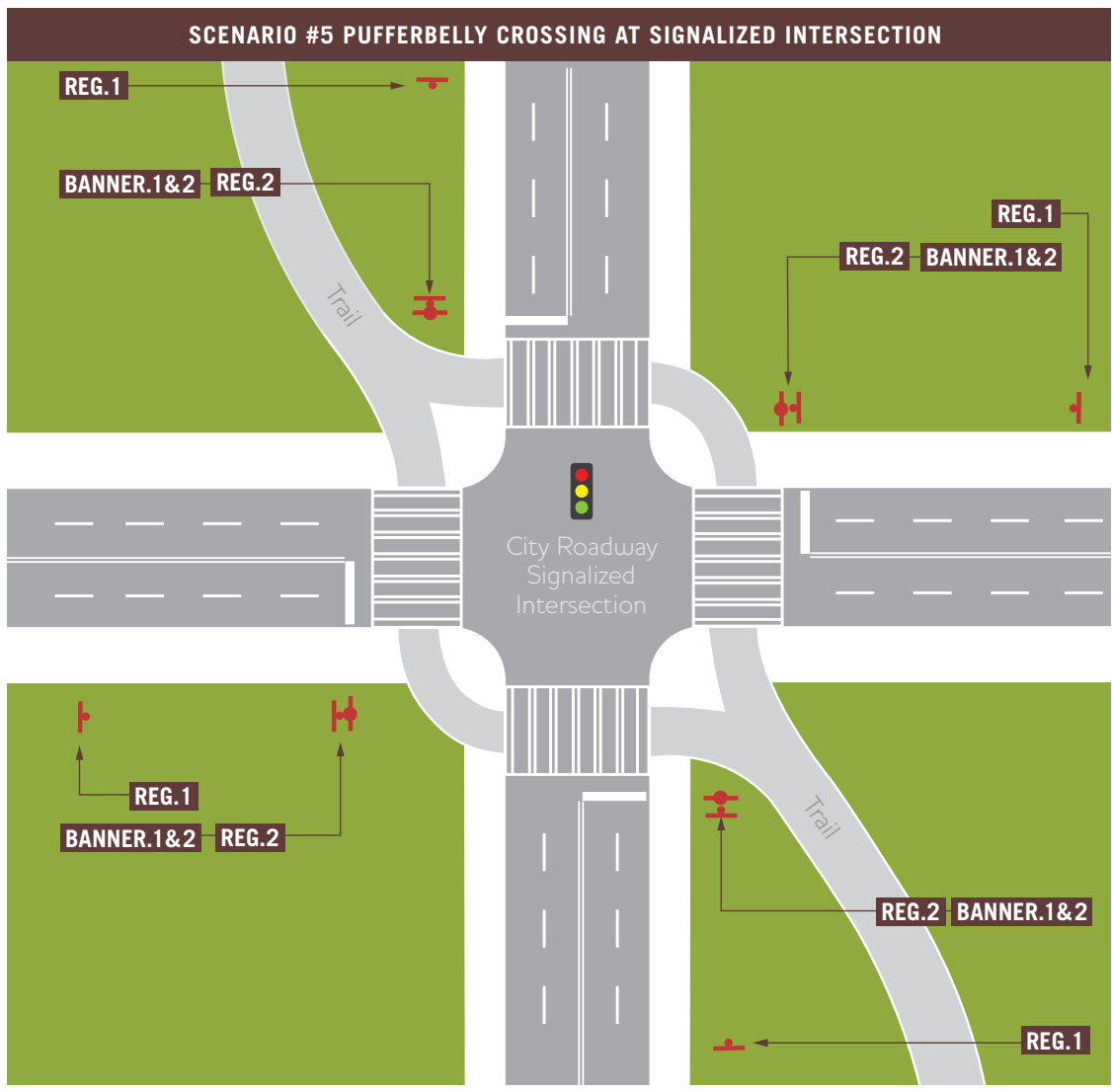
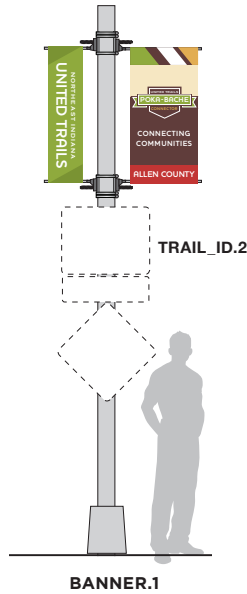


SCENARIO #5:

Trail crossing at signalized intersection

The following typical placement scenario is a trail crossing a high-speed road at an intersection with a traffic signal. This can occur in more urban areas. Signage includes:

- Banner with Trail ID

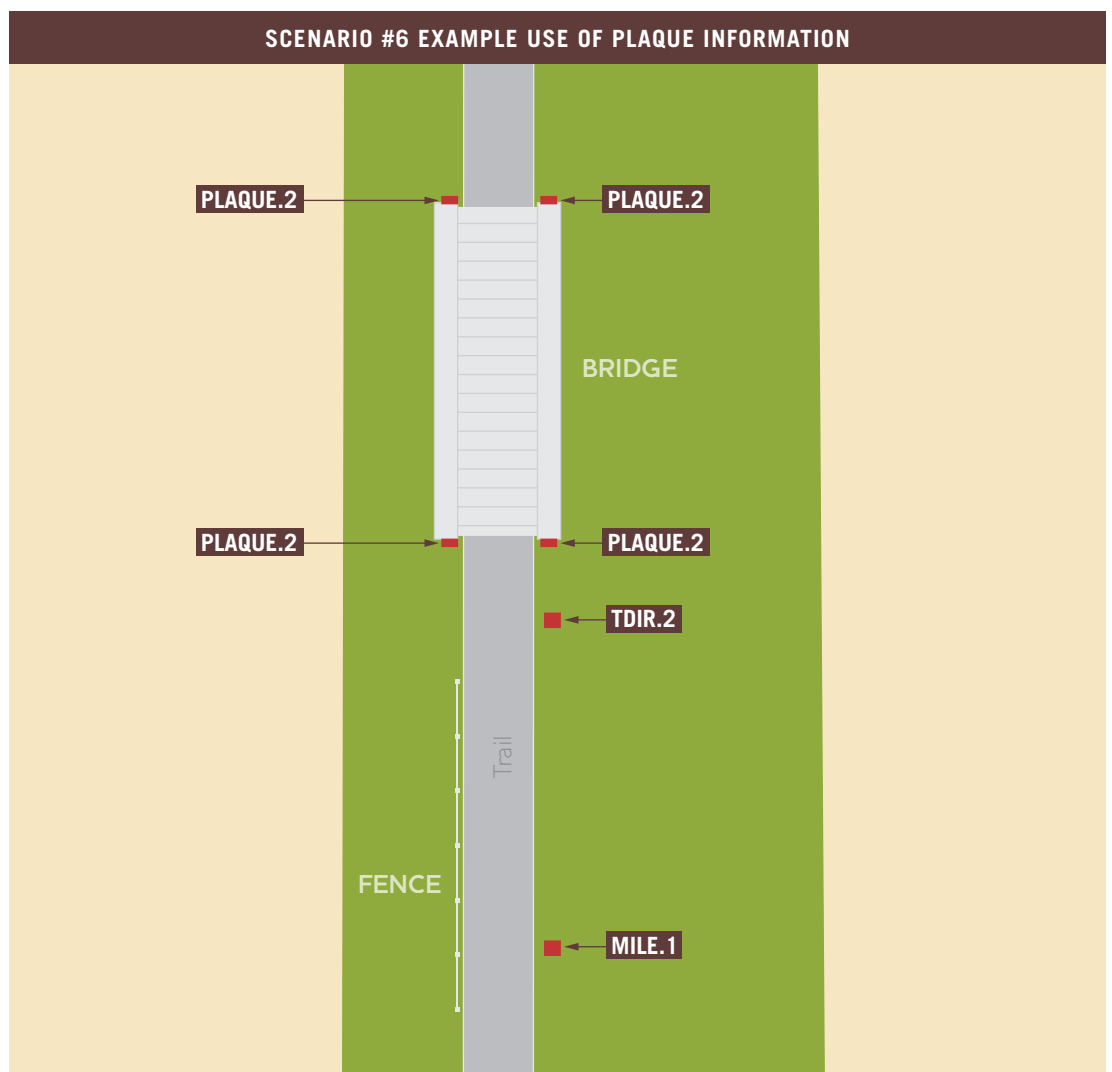
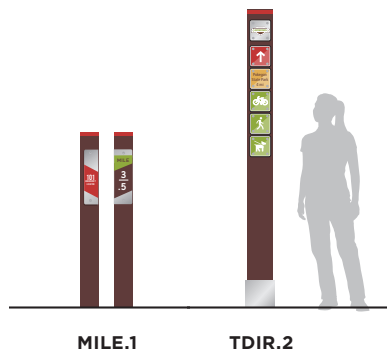


SCENARIO #6:

Example use of plaque information

Signage when on a trail is to give the user confirmation of the trail identity and general direction.

- Trail ID Plaques
- Trail Directional totems
- Mile Makers



SCENARIO #7:

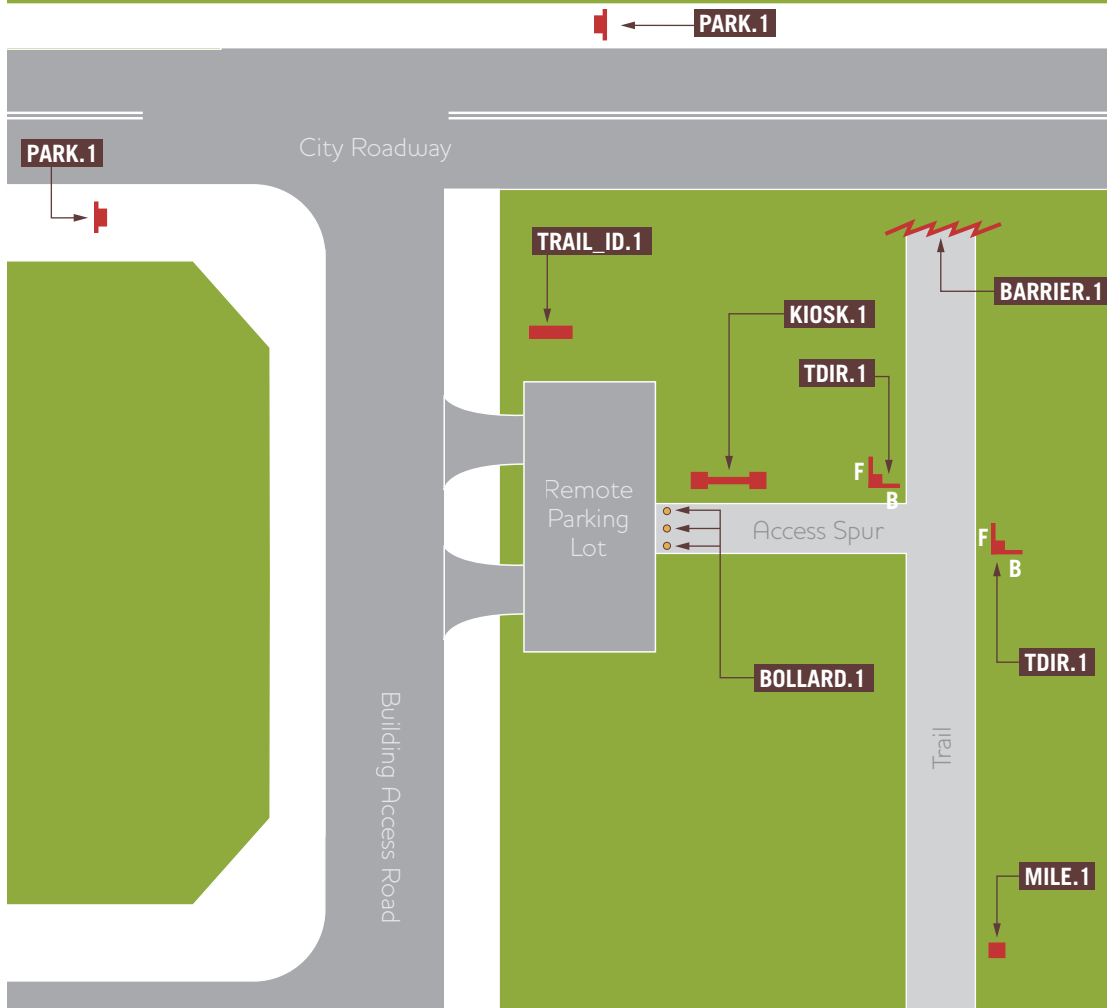
Trail access through parking lot

The following typical placement scenario trail access from a parking lot, either a specific trailhead parking lot, or a lot being used to promote access to the trail system. Signage includes:

- Large Kiosk
- Trail Directionals
- Parking Directionals
- Mile Marker
- Trail ID
- Bollards



SCENARIO #7 TRAIL ACCESS THROUGH PARKING LOT



BARRIER.1

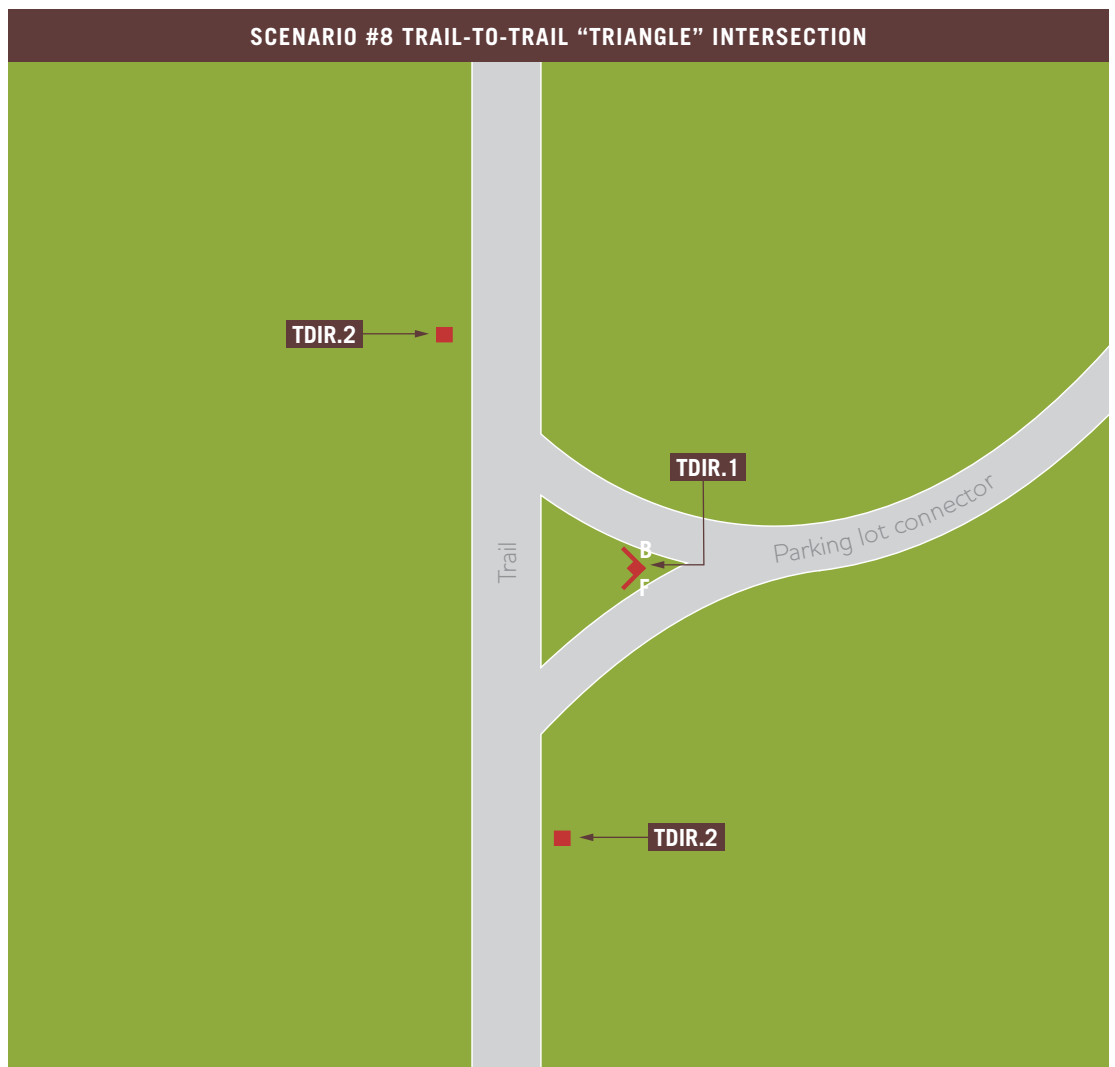
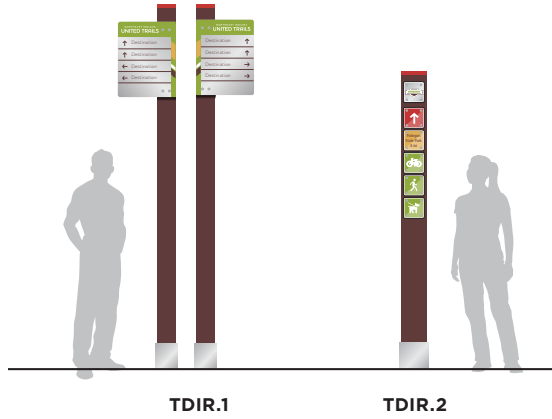


TRAIL_ID.1 BOLLARD.1

SCENARIO #8:
Trail to Trail Intersection

The following typical placement scenario is used when trails intersect. Signage includes:

- Trail Directionals



section 4

Management & Maintenance

- 4.2 Management of System
- 4.3 Maintenance of System
- 4.8 Acknowledgements

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.

Maintenance Funding and Contracts

Maintenance should be a shared responsibility between the NIRCC and the program’s stakeholders.

Stakeholder Contribution Contracts

Create Maintenance Agreement contract among the Stakeholders.

Option A: Quantity of Listings

Destinations are charged a fee for every time their name is listed on a sign.

Option B: Equally Distributed

Total cost is divided equally among all stakeholders, regardless of quantity of listings.

Option C: Sliding Scale

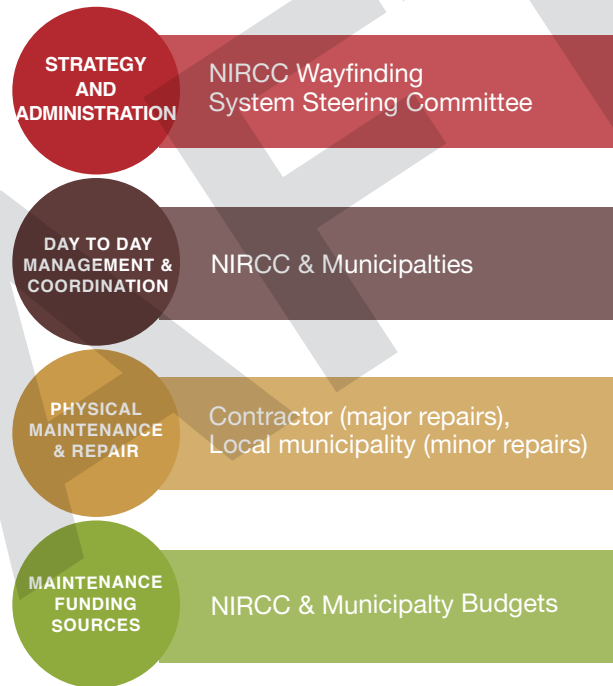
Destinations are categorized into tiers. Each tier contributes a set amount.

Annual Budgets

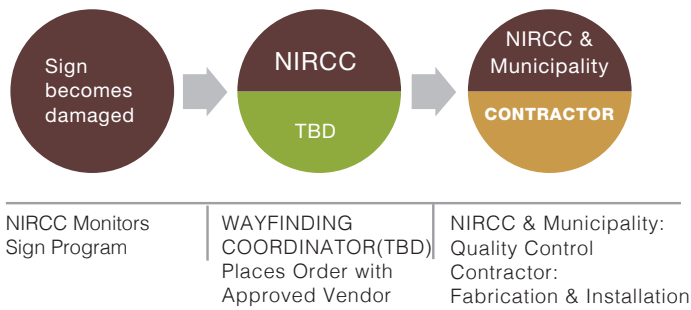
Generally 10% - 15% of the total phasing cost should be established for annual maintenance of the system.

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

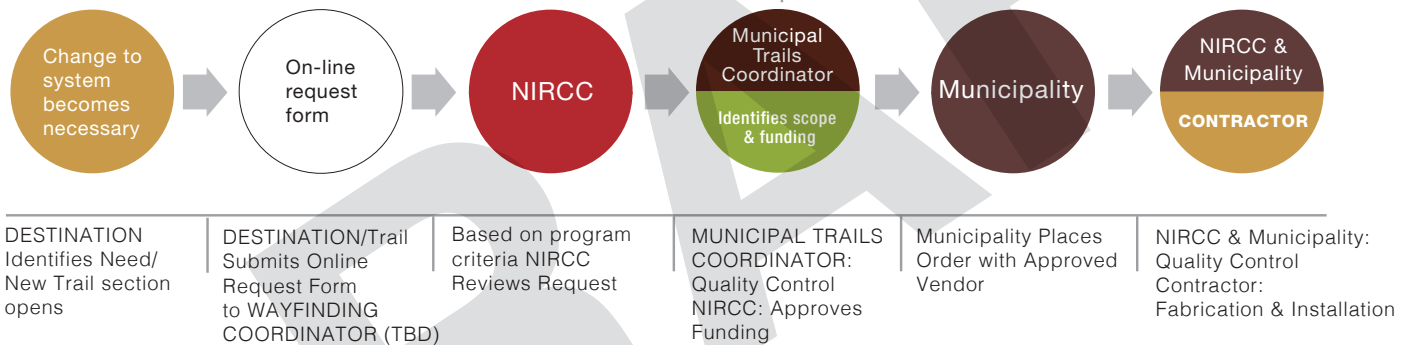
By purchasing materials and parts in a large quantity the overall cost of the project can be reduced. Attic stock can include poles (painted), sign panels (painted/no lettering), brackets finished and painted, and other parts.



DAY-TO-DAY MAINTENANCE PROCESS FOR REPAIR OR REPLACEMENT OF EXISTING SIGNS



LONG TERM MAINTENANCE PROCESS FOR ADDITION, SUBTRACTION or ALTERATIONS TO THE SYSTEM (annual)



| Sign Longevity | 0-4 Years | 5-9 years | 10-15+ years |
|--|---|---|---|
| Design and Planning | <p>Design: General Evaluation of positive and negative aspects of the system.</p> <p>Planning: NIRCC & Municipalities In-house maintenance based on new requests and circulation/destination updates.</p> | <p>Design: General Evaluation of positive and negative aspects of the system.</p> <p>Planning: Contract with a consultant to analyze major changes to the trails and necessary system adjustments. 1 or 2 updates possible during this time period.</p> | <p>If the system has not been analyzed since implementation, a major updating is likely to be needed. Outside consultants will be required to review and inventory the system, as well as make suggested changes based on new circulation, destinations, etc.</p> |
| Vandalism | <p>Annual cleaning/repair. Stickers and graffiti are most common.</p> <p>Cleaning solvents and Goo-Gone are typical products utilized.</p> | <p>Parts replacements and full sign replacement as needed.</p> <p>Cleaning solvents and Goo-Gone are typical products utilized.</p> | <p>Parts replacements / full sign replacement as needed.</p> <p>Cleaning solvents and Goo-Gone are typical products utilized.</p> |
| Cleaning Schedule | Annual Cleaning | Annual Cleaning | Annual Cleaning |
| Management / Administration | <p>Weekly coordination during initial installation, transitioning to quarterly between NIRCC/ Municipalities and fabricator during year 1-2. On-going daily monitoring of the system, based on observations, safety issues and citizens' reports.</p> | <p>Annual coordination between NIRCC/ Municipalities and fabricator. Day-to-day monitoring of the system, based on observations, safety issues and citizens' reports.</p> | <p>Annual coordination between NIRCC/ Municipalities and fabricator. Day-to-day monitoring of the system, based on observations, safety issues and citizens' reports.</p> |
| Breakaway Product: Transpo | Maintenance Free - Covered under Warranty for 3 years. | Maintenance Free - consider general review as part of yearly inspection process. | Maintenance Free - consider general review as part of yearly inspection process. |
| Reflectivity Life Span: 3M High Intensity Diamond Grade | Covered under warranty for 5-7 years. | <p>Covered under warranty for 5-7 years.</p> <p>Reflectivity may be effective beyond the warranty period. Individual signs may require sheeting to be replaced during this time period.</p> | <p>Reflectivity becomes less effective, if not previously replaced. 10 – 15 years is the maximum lifespan.</p> |

| Sign Longevity | 0-4 Years | 5-9 years | 10-15+ years |
|--|---|---|--|
| Custom Color Life Span: 3M High Intensity Diamond Grade | <p>Covered under warranty for 3 years.</p> <p>Color generally maintained beyond warranty period, depends on direction sign panel is facing.</p> | <p>Fading may begin depending on the direction sign panel is facing. Individual signs may require sheeting to be replaced during this time period</p> | <p>Fading occurs, if not previously replaced. 10 -15 years is the maximum lifespan.</p> |
| General Materials: Aluminum Sign Panels & Posts | <p>Specifications require 5 year fabricator warranty for workmanship.</p> <p>General wear-and-tear maintenance required.</p> | <p>General wear-and-tear maintenance required.</p> | <p>General wear-and-tear maintenance required.</p> |
| Painted Surfaces | <p>Covered under manufacturers warranty.</p> <p>General maintenance and touch-up will be required.</p> | <p>Warranty expires. Typically color holds up beyond warranty period. Fading may begin depending on the direction sign panel is facing. Individual signs may require individual parts to be replaced during this time period.</p> | <p>Fading occurs – based on direction sign panel is facing. 10 – 15 years is the maximum lifespan to expect.</p> |
| Sign Panels / Fasteners | <p>Specifications require 5 year fabricator warranty for workmanship. General repairs and replacement due to auto incidents or vandalism. Inspect welds and fasteners for connection integrity.</p> | <p>Quantity of repairs increases, if not maintained previously. Inspect welds and fasteners for connection integrity.</p> | <p>Consider full inventory of system and repairs based on consistency of maintenance and up-keep over the years.</p> |
| Brackets/ Fins / Details | <p>Specifications require 5 year fabricator warranty. General repairs and replacement of parts due to auto incidents or vandalism. Inspect welds and fasteners for connection integrity.</p> | <p>Quantity of repairs increases, if not maintained previously. Inspect welds and fasteners for connection integrity.</p> | <p>Consider full inventory of system and repairs based on consistency of maintenance and up-keep over the years.</p> |
| Concrete Footers | <p>Maintenance free. Inspect structural integrity – similar to any construction project.</p> | <p>Maintenance free. Inspect structural integrity – similar to any construction project.</p> | <p>Maintenance free. Inspect structural integrity – similar to any construction project.</p> |

ACKNOWLEDGEMENTS

The team would like to thank a number of people and organizations that have contributed to the creation of this document, including:

Northeastern Indiana Regional Coordinating Council:

Dan Avery - Executive Director

Matt Peters - Principal Transportation Planner

NIRCC Steering Committee:

Amy Hesting - Northeast Indiana Regional Partnership

Bill Spohn - Trail Advocate

Dan Avery - Northeastern Indiana Regional Coordinating Council

Dawn Ritchie (Amy Hartzog - Alternate) - City of Fort Wayne

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Jon Bomberger - Trail Advocate

Kent Castleman - Fort Wayne Trails, Inc.

Matt Peters - Northeastern Indiana Regional Coordinating Council

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Region 3A Development and Regional Planning Commission

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Indiana Department of Transportation (INDOT)

The Counties of Northeast Indiana

Consultant Team:

MERJE

We also thank the members of the community for their interest in connecting communities through the Northeast Indiana United Trails!

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