

Industrial Heritage Parkway

Delaware County, Pennsylvania

Interpretive Signage Guidelines
Volume II – Design Handbook

PREPARED BY

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Delaware County Planning Department

Court House and Government Center Building 201 West Front Street Media, PA 19063

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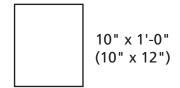
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About These Guidelines



Sign Type 1 - Large Panel

Sign Type 2 – Medium Panel



Sign Type 3 - Small Panel

Template

The interpretive signage template was designed to reflect the cultural heritage, environmental resources and general character of the Industrial Heritage Corridor. The colors, artwork, and symbols were all designed to work together across signs of different sizes and ranges of content. Three separate templates of different sizes were created, all based off of the overall design template standards.

The three templates are essentially scaled versions of the same basic design: their general appearance is intended to be consistent, though the size will vary according to the quantity of information presented. This kind of visual uniformity will aid in making the signs within the system easily recognizable to viewers who encounter signs at different locations throughout the Corridor.

Three sign panel sizes were selected for this interpretive signage system:

- **Sign Type 1:** The largest, 1 ft. 8 in. high by 3 ft. 4 in. wide, will be used in locations where there is a substantial story to tell, and where there is sufficient space for a sign of this size to be installed without interfering with its surroundings.
- **Sign Type 2:** A medium-sized sign, 1 ft. 6 in. high by 2 ft. 2 in. wide, is the most commonly used size among the prototypes and should be considered the typical sign type.
- **Sign Type 3:** A small panel, visual area 1 ft. high by 10 in. wide, is the only panel with a larger vertical dimension. It should be used to point out or explain a very specific site or topic that can be summarized succinctly with limited imagery.

All three sizes will use the same text and background colors, typefaces,

and blue strip with "wave" pattern along the bottom of the panels (see artwork pages). On the large and medium panels, the blue strip symbolizes the Delaware River and forms a map of the riverfront communities. The blue strip begins in the lower left corner to show the location of resources along the river, then continues on to form the background field that contains credits, captions, and other necessary notes. The gear symbol represents the Industrial Heritage Parkway (IHP).

The color of a sign's title will depend upon whether the site is historically or environmentally themed. Individual cultural and historic site signs will have maroon titles (C2), while individual natural site signs will have green titles (C3). The title colors of multi-resource and thematic signs will depend upon the content of the particular sign.

Prototype Designs

The subjects of the twelve prototype designs contained in this document were carefully chosen to cover the six content themes (see Volume I, Project Narrative) and to represent each municipality within the IHP Corridor.

The size of each prototype was determined based upon the quality and quantity of available material, as well as specific siting considerations. For example, the American Viscose Company site in Marcus Hook was given a large panel, as the team obtained a great deal of content. The goal of this sign was to supplement an existing PHMC marker and to describe the company's history with an emphasis on the factory and the surrounding village, which are all within sight of the sign's location. The Delaware River Ice Piers sign, on the other hand, covers a more limited topic close to the waterfront, near an existing interpretive display. The goal of this panel was to call attention to the single resource by explaining the history and purpose of the ice piers succinctly, with only limited imagery.

1. ABOUT THESE GUIDELINES



Creating New Signs

Software Requirements

Graphics for the twelve prototype sign panels were created using Adobe CS4 software. The layouts were created in InDesign CS4 at 100% full size and allowing for up to 1/2 inch bleed. Vector graphics, including maps and diagrams, were created using Adobe Illustrator CS4. To ensure visual consistency between the signs in the system that may be created in different phases, it is essential that the original templates be used and that no attempt to re-create them in different software be made.

Using the Templates

The templates (see pp. 15-17) are the bases to which text and image elements are added. All fonts, colors, and text sizes are specified in the templates. Text sizes can be altered modestly (within 5 points) if required by the design (for example, if reducing the size of a title allows it to fit on a single line). The colors, fonts, symbols, and artwork in this manual have all been assigned numbers (i.e., T1, C4), which correspond with the numbers notated on the templates on pp. 15-17.

Depending on the desired size (small, medium, or large) of a new sign panel, the appropriate template, associated artwork, fonts, and other electronic files must be obtained from the Delaware County Planning Department (hereafter referred to as "Planning Department"). Please note that all future designs and content must be reviewed and approved by the Planning Department before fabrication. This will ensure consistency across the sign system.

Developing Interpretive Text

The biggest challenge in creating interpretive panels is to boil down an inevitably complex topic into a few, simple paragraphs. Ideally, an interpretive panel should educate an individual with no prior knowledge

of the topic, yet reveal unique or unusual content that will interest those well-versed on the subject. The text should be understandable for a middle school age range.

It is important to perform research at local historical societies and archives when designing signs with historical topics. In Delaware County, the Delaware County Historical Society is an invaluable resource due to their focus on the Coastal Zone area. The Society has a wide-ranging collection of books, maps, manuscripts and other primary source material at their museum in the City of Chester.

Many books have been written in recent years about specific places in Delaware County, such as those published by Arcadia. These books can be great starting points, but should not be solely relied upon. Always try to get information from primary source documents or writings with detailed citations to ensure that sign content is as accurate and original as possible. Even older books, such as the 19th century "History of Delaware County" by Ashmead, which contains some reprinted primary source passages, should be considered a secondary source and should be treated accordingly.

Approach internet research with caution. Despite the prevalence of inaccurate or unsubstantiated data online, many primary sources can be found via Google Books and various online newspaper archives. Some websites contain well-researched databases, including Philadelphia Architects & Buildings (PAB) at www.philadelphiabuildings.org. This site contains a great deal of information about historic architecture, including dates, architects, builders, and imagery for buildings in the Philadelphia area, including Delaware County.

2. Creating New Signs



When designing signs with environmental topics, working with other state and local environmental and conservation agencies can be a great way to obtain accurate information. Consult the Planning Department's Environmental and Historic Preservation sections for content development suggestions. The key is to determine who or what organization works most directly with the resources and to seek them out for assistance in gathering information and reviewing final work products.

Obtaining Imagery

When using multiple images on an interpretive panel, it is best to use different kinds of images. For example, black & white photographs might be the easiest to obtain, but the addition of color photographs of objects associated with the topic, historic building plans, postcards, and maps can add greatly to the overall effect. Try to use color imagery whenever possible (such as color postcards), or add a colored tone to a black & white image if more color is desired. Good examples of images to use include:

- Photographs (historic and present-day, if helpful)
- Maps (scans of historic maps or electronically generated)
- Illustrations/Engravings
- Postcards
- Present-day photographs of associated objects and/or artifacts

It may be ideal in certain circumstances to draw descriptive diagrams to explain some concepts, such as a map of downtown Chester with historic buildings noted and locations of postcard views shown (see sign 6).

Finding appropriate imagery is similar to finding relevant information for text. Sources such as local historical groups including the Delaware County Historical Society may be most helpful. Other notable institutions that may have appropriate content include:

- The Athenæum of Philadelphia
- The Free Library of Philadelphia
- Philadelphia History Museum at the Atwater Kent
- For maps: www.philageohistory.org

Also check with more specialized local historical societies, organizations, and even individual collectors. Consult with the Planning Department's Historic Preservation section for more suggestions.

Please note that many of these institutions charge fees for the rights and reproductions of their content, and that they may charge a fee to do research in their archive. It is safest to budget funds for the use of the best available content, which can cost up to \$200 per sign depending on the source and number of images.

Ideally, imagery should be scanned at 600 dpi, and saved in .tiff format. It is helpful if even black & white photographs are scanned in color, as sometimes the aging and tone of the old photographs may work well in the design. Scans made in color can be converted to grayscale if necessary, but the reverse is not possible except by time-consuming artificial coloring.

Design

If a single image can adequately tell the story of a site, it may work best as the focus of an entire panel. Do not overcrowd a panel with imagery or text, even if there is a great deal available. Try to summarize all of the information while including the most important information.

Laying out a panel is like a big jigsaw puzzle. Balancing text and imagery

2. Creating New Signs



can be a challenge, as can trying to fill all negative space in a way that forces the eye to follow a logical path, from title, to text, to imagery, etc. One must be careful to make images large enough to be understood, but not so large that they overpower other content. Try to reproduce objects and artifacts at as close to full size as possible (with the exception of large items such as architectural artifacts). It is ideal, for example, to reproduce postcards at actual size, so that the viewer not only understands the image, but also can identify that it is a postcard based on its reproduced size.

The Fabrication Process

Interpretive panels are available in a variety of styles and types of materials. Each has its benefits and drawbacks, including cost, maintenance, longevity, resistance to vandalism, and even ranges of available colors and finishes. It is important to select materials that are appropriate to the site; however, you should select the most durable material you can afford.

Porcelain enamel is the most expensive material for sign panels, but it is considered the most durable in most situations. Porcelain panels also feature very good image quality, while others (such as aluminum panels with printed imagery) may appear grainy or pixelated due to their current production processes. Less expensive panels can have better image quality, and if damaged can actually be replaced several times for the same cost as single, more expensive panels.

For the prototype phase of this project, Fossil Industries of Deer Park, NY (www.fossilgraphics.com) was chosen as the panel and pedestal manufacturer. Fossil's product was chosen due to the excellent image quality, durability, range of colors, and relatively low price. While Fossil's product was chosen for the prototypes in 2013, future products from other vendors may prove to be better. If considering an alternative vendor, consult with

the Planning Department.

Fossil creates both the panels and hardware, making coordination relatively simple in comparison to other fabrication processes. Specific parts were chosen for the three panel sizes based upon advice from the company. Consult with Fossil for their digital file submission requirements to ensure that the end product matches the designs as closely as possible. Please note that any standards and processes will vary among fabricators.

Always obtain digital proofs of all panel designs from the manufacturer before fabrication. This must be done to ensure that the appearance will match the intended design. Fossil will supply a small sample of each design submitted. When working with a new fabricator or panel supplier, have a prototype panel made for one of the designs. If it meets expectations it can be used or kept as a sample; if not, it should be sent back to be remade.

Installation

Parties interested in installing future signs should coordinate with the municipality and/or property owner to determine the installation conditions before ordering the required pedestal. Different parts are required if the sign pedestal is to be mounted on a hard surface, such as a concrete sidewalk, or if the base is to be buried underground, such as in a grassy area.

It is suggested that installation be coordinated and executed by the municipality, unless a future sign is located on private property and can be installed by those who wish to obtain signs. The Planning Department is not responsible for installation or any errors in installation. The installer is responsible for the sign being installed at level, and that the instructions provided by the manufacturer have been followed.

2. Creating New Signs



Standard Colors

Number	Name	CMYK Values	Uses
C1	_		
C1	Tan	c 0 / m 4 / y 14 / k 0	Background
C2	Maroon	c 20 / m 86 / y 83 / k 43	Title Text - History Panel
C3	Green	c 55 / m 10 / y 51 / k 62	Title Text - Environment Panel
C4	Black	c 0 / m 0 / y 0 / k 100	Subtitle and Body Text
C5	White	c 0 / m 0 / y 0 / k 0	Text on dark backgrounds

Typography

Number **Tracking / Letterspacing** Name

T1

Hoefler Text Small Caps - Roman

0

ABCDEFGHIJKLMNOPQURSTUVWXYZ **ABCDEFGHIJKLMNOPQURSTUVWXYZ** 1234567890

T2 Archer - Semibold 200

ABCDEFGHIJKLMNOPQURSTUVWXYZ abcdefghijklmnopqurstuvwxyz 1234567890

3. STANDARDS - TYPOGRAPHY



Typography

T4

Nun	nber	Name	Tracking / Letterspacing		
Т3		Baskerville - Regular	0		
ab	ABCDEFGHIJKLMNOPQURSTUVWXYZ abcdefghijklmnopqurstuvwxyz 1234567890				

ABCDEFGHIJKLMNOPQURSTUVWXYZ abcdefghijklmnopqurstuvwxyz 1234567890

Baskerville - Italic

3. Standards - Typography



Symbols



S1 Route 291/13 Emblem

For use in areas close to Routes 291 and 13.



S2 Bicycle Trail Emblem

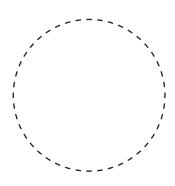
For use in areas along the route of the East Coast Greenway.

Symbols









S3 Pennsylvania Department of Environmental Protection Logo

(will appear white when on dark background)

S4 NOAA Logo **S5** Delaware County Seal

Municipal Seal (optional)

3. Standards - Symbols





River area continues as needed



A2 River Pattern



Industrial Heritage Parkway Map (basic)

Maps with specific focus areas are A4-A9

Industrial Heritage Parkway Delaware County, Pennsylvania

A3

Ribbon Without Map To be used in circumstances where the map is not feasible in the overall composition of the layout.

3. STANDARDS - ARTWORK AND PATTERNS





A4Industrial Heritage Parkway Map - Marcus Hook



A5Industrial Heritage Parkway Map - Trainer

3. Standards - Artwork and Patterns





Industrial Heritage Parkway Map - Chester



Industrial Heritage Parkway Map - Eddystone

3. Standards - Artwork and Patterns



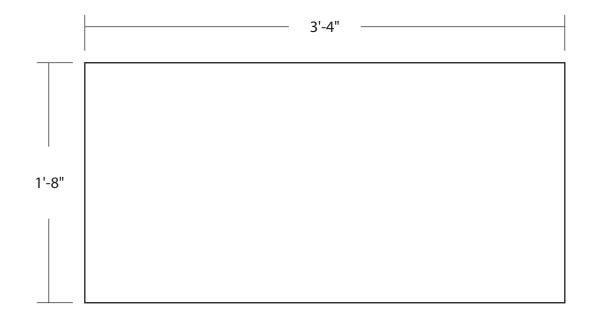
A8 Industrial Heritage Parkway Map - Ridley Township

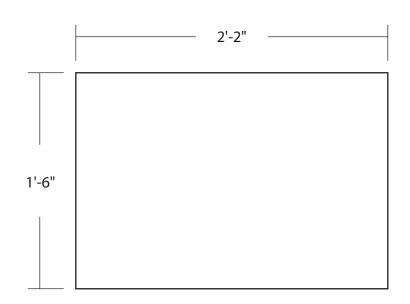


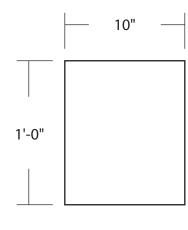
A9
Industrial Heritage Parkway Map - Tinicum Township

3. Standards - Artwork and Patterns









1. Elevation Sign Type 1 - Large Panel

Scale: 3"=1'-0"

2. Elevation Sign Type 2 - Medium Panel Scale: 3"=1'-0"

Scale: 3"=1'-0"

3. Elevation Sign Type 3 - Small Panel

Notes:

Appropriate panel size will be determined by the amount of content available for the topic, and by the physical limitations of the site.

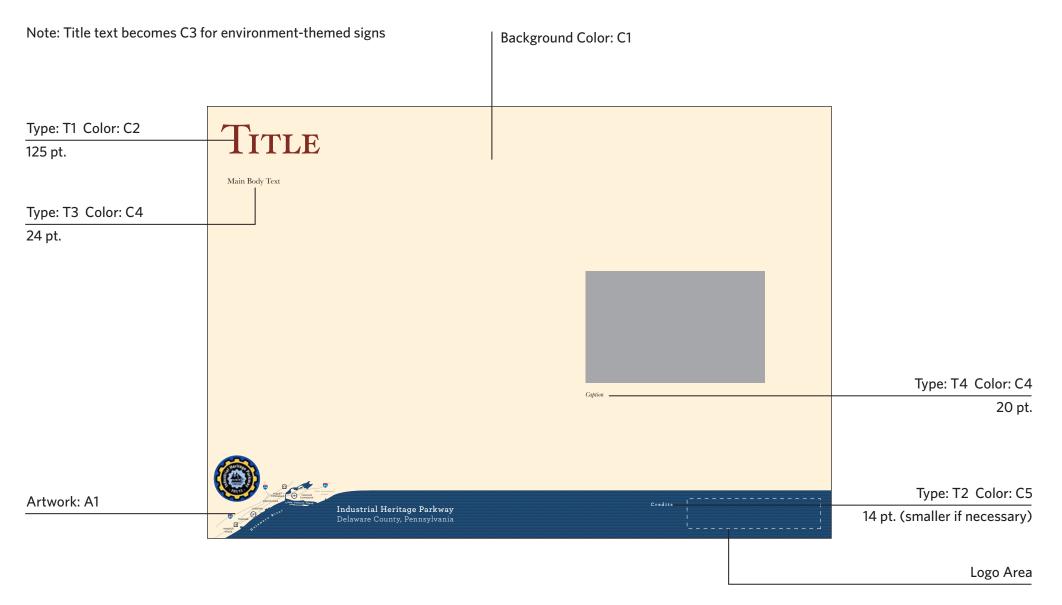
3. Standards - Panel Sizes



Elevation - Sign Type 1 - Large Panel Scale: 3" = 1'-0"

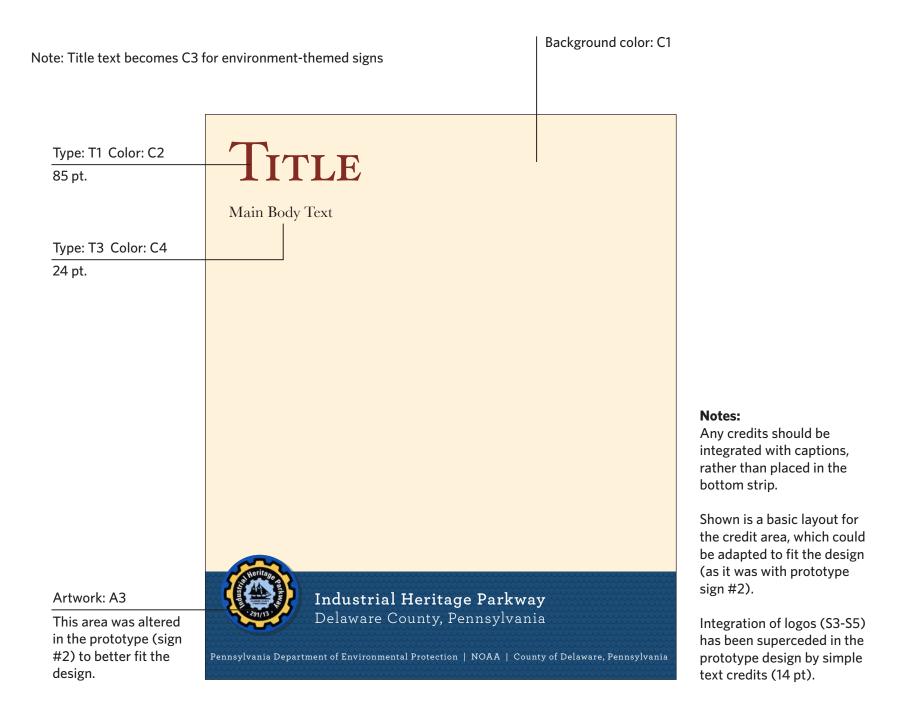
3. STANDARDS - LAYOUT GUIDELINES





Elevation - Sign Type 2 - Medium Panel Scale: 3" = 1'-0"

3. STANDARDS - LAYOUT GUIDELINES

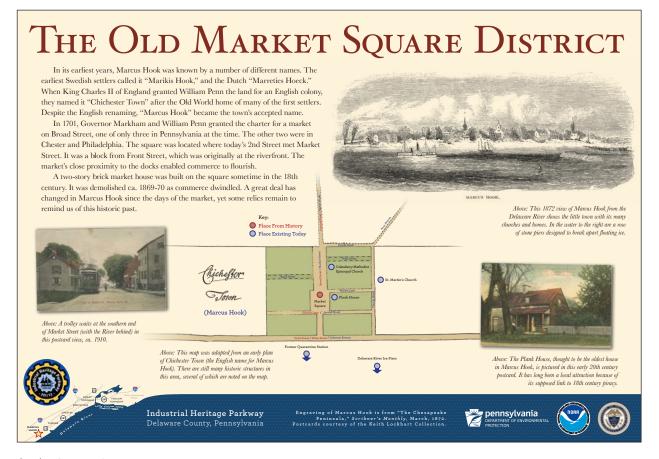


Elevation - Sign Type 3 - Small Panel Half scale

3. STANDARDS - LAYOUT GUIDELINES



Sign 1 The Old Market Square District Medium (2'-2" x 1'-6")



Scale: 3" = 1'-0"

Approximate Location of Proposed Installation

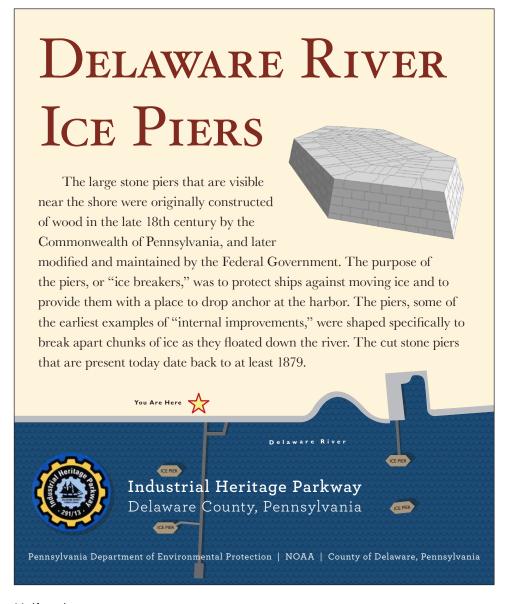


Market Square Memorial Park Marcus Hook, PA 19061

4. Sign Layouts and Locations



Sign 2 Delaware River Ice Piers Small (10" x 1'-0")



Half scale

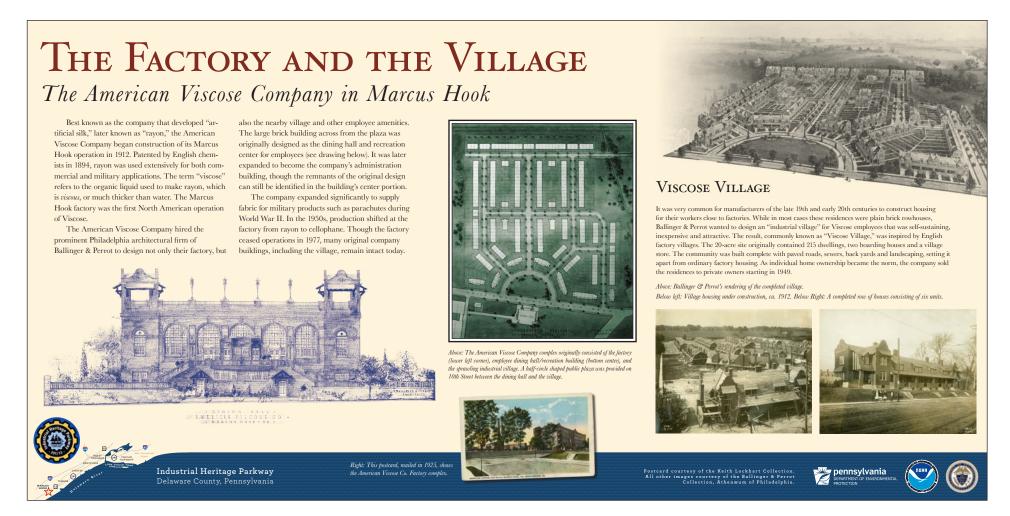
4. Sign Layouts and Locations

Approximate Location of Proposed Installation



Community Center near Market Square Memorial Park Marcus Hook, PA 19061

The Factory and the Village (American Viscose Co.) Large (3'-4" x 1'-8")



Scale: 3" = 1'-0"

Approximate Location of Proposed Installation

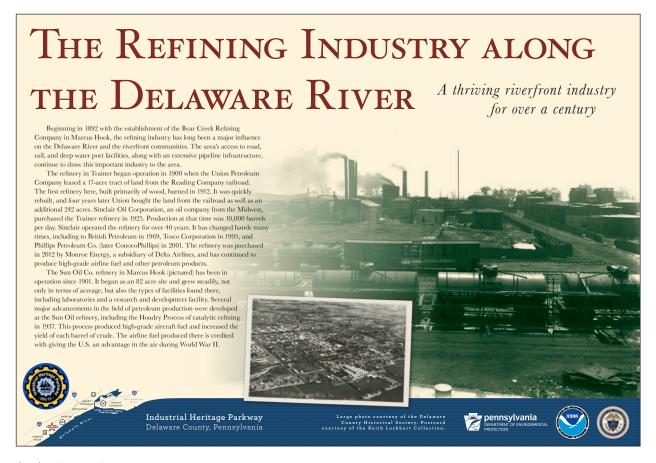


Haebel Plaza at 10th St. Marcus Hook, PA 19061

4. Sign Layouts and Locations

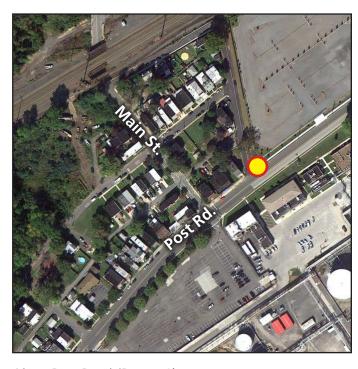


The Refining Industry along the Delaware River Medium (2'-2" x 1'-6")



Scale: 3" = 1'-0"

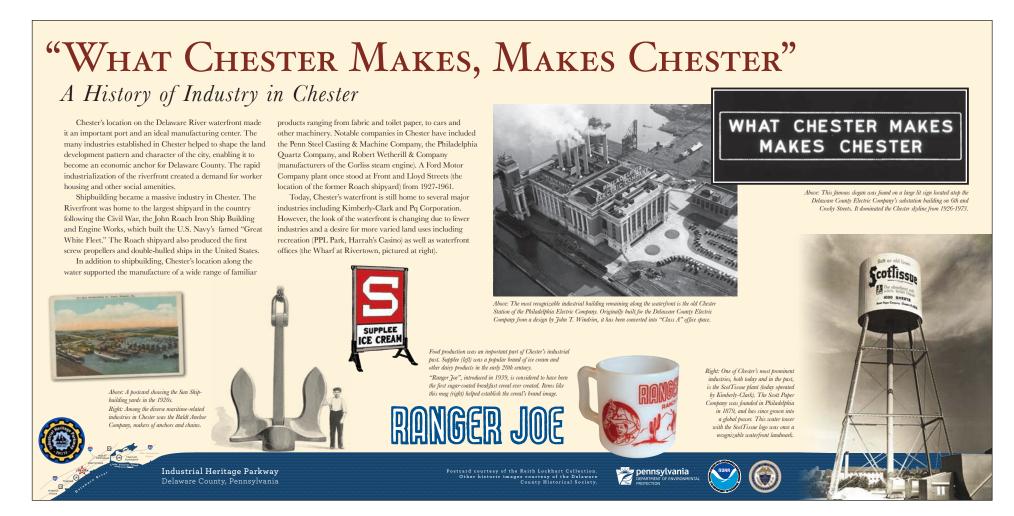
Approximate Location of Proposed Installation



Along Post Road (Route 13) Trainer, PA 19061

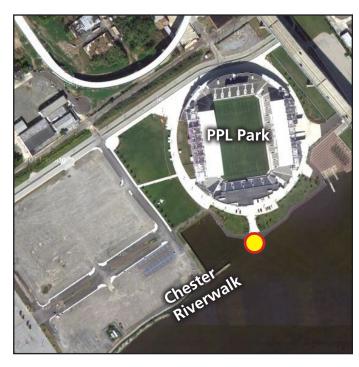
4. Sign Layouts and Locations

"What Chester Makes, Makes Chester Large (3'-4" x 1'-8")



Scale: 3" = 1'-0"

Approximate Location of Proposed Installation

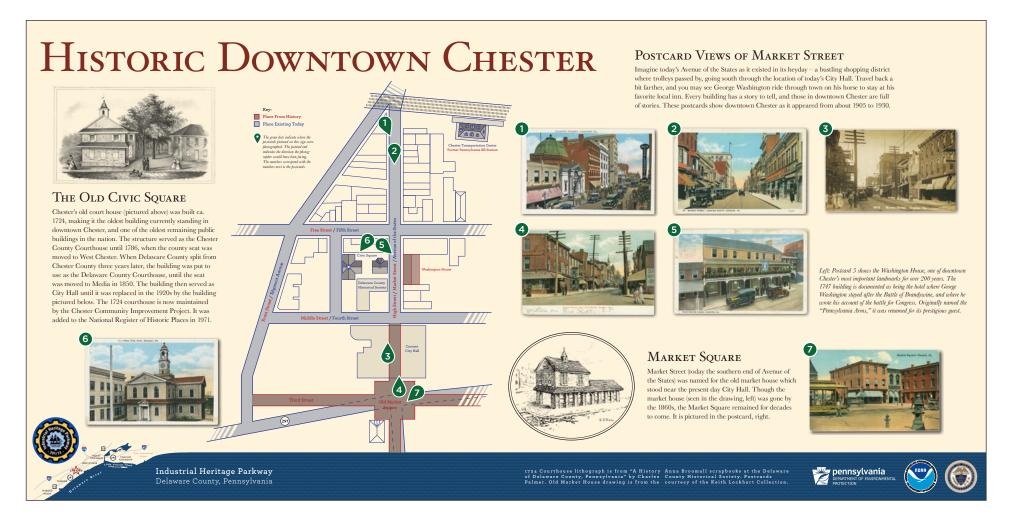


Chester River Walk, between PPL Park and Wharf at Rivertown Chester, PA 19013

4. Sign Layouts and Locations



Historic Downtown Chester Large (3'-4" x 1'-8")



Scale: 3" = 1'-0"

Approximate Location of Proposed Installation



Near intersection of Avenue of the States and W. 4th St. Or: Court House Square Chester, PA 19013

4. Sign Layouts and Locations



Chester's Influence on American Music Large (3'-4" x 1'-8")

CHESTER'S INFLUENCE ON AMERICAN MUSIC

ETHEL WATERS

Born to a young mother and raised in poverty, Ethel Waters overcame a difficult childhood to become an accomplished singer, radio host, and actress, having had roles in movies, on Broadway and on television. She was born in 1896 in Bethel Court, an infamous neighborhood of Chester that is now the location of Ethel Waters Park.

Waters left Chester for Philadelphia, where she became a chambermaid at a hotel. While there, she participated in a night club talent show and was discovered by a small vaudeville circuit, which offered her a two week gig in Baltimore. She later continued as one of the "Hill Sisters," and assumed the stage name "Sweet Mama Stringbean."

Her recorded hits included "Dinah," "Am I Blue?," "His Eye is on the Sparrow," and "Heat Wave." She was among the first to record the famous song "Stormy Weather" in 1933, which became a favorite at the Cotton Club in Harlem. The song was selected for the National Recording Registry of the Library of Congress in 2004.

Ethel Waters is believed to have been the first African American to perform on

the radio in 1922, and was the first African American woman to star in a commercial network radio show in 1933. She is said to have been the first African American to have a starring role on television, in the 1939 NBC special The Ethel Waters Show. Water

continued to work in television throughout her life, with roles such as the title character in the 1950s series Beulah. She also acted in many films, including he leading role in 1943's Cabin in the Sky, and earning an Oscar nomination for her supporting role in 1949's *Pinky*. Ethel Waters Park was dedicated on April 30, 1972, clared "Ethel Waters Day" by the city. She died in 1977.



Industrial Heritage Parkway Delaware County, Pennsylvania

A successful pre-rock & roll vocal group, the Four Aces were formed in Chester in 1949 by Navy THE shipmates Al Alberts and Dave Mahoney. Lou Silvestri and Sol Vaccaro rounded out the group. Their hits included the million-selling "(It's No) Sin, "Tell Me Why," and the themes to the films Three Coins in the Fountain and Love is a Many-Splendored Thing ACES

Coins in the Fountain and Love is a value operation of Al Alberts later became a television personality with his TV program Al Alberts Showcase, which helped to areers of several performer











A prolific composer, Alex North is best remembered as a successful composer of film scores. Born in Chester in 1910, North attended the Juilliard School in New York City and the Moscow Conservatory, where he was its first American pupil.

During World War II, North contributed to the American

NORTH war effort by writing music for over 25 Office of War Information documentaries. After the war, he began to write he scores for theater productions including Death of a Salesman (1949), and *The Innocents* (1950). He also wrote the scores for films such as *A Streetcar Named Desire* (1951), *Spartacus* (1960), Cleopatra (1963), and Who's Afraid of Virginia Woolf? (1966), and wrote the music for the well-known song "Unchained Melody," with lyrics by Hy Zaret.

North received an Oscar for Lifetime Achieve

BILL HALEY AND HIS COMETS

Originally from Highland Park, Michigan, Bill Haley moved to Boothwyn in the late 1930s Foremost a musician, he worked for local radio stations including WPWA in Chester, where he was musical director. He organized a studio group for the station which he named The Four Aces of Western Swing, and later formed Bill Haley and the Saddlemen, both blues-inspired ountry & western groups. The Saddlemen evolved into the Comets in 1952. The name was inspired by the astronomical phenomenon known as "Halley's Comet."

The Comets were among the first rock and roll artists, and their recordings included "Crazy Man, Crazy," the first of the genre to be nationally televised, and "Shake, Rattle and Roll." Their most famous recording was "Rock Around the Clock," released in 1954. Popularized by its use in the 1955 film *Blackboard Jungle*, "Rock Around the Clock" ecame one of the first popular rock and roll records, and helped propel the genre into the forefront of American culture.

The Comets continued to record rock and roll hits including "See You Later, Alligator," but their popularity declined with the increasing influence of other musicians such as Elvis Presley. Members of the group re-formed in various incarnations over the years, and "Rock Around the Clock" was used in the 1970s as the original theme of the television show Happy Days. Bill Haley died in 1981 and was posthumously inducted into the Rock and Roll Hall of Fame in 1987. The Comets were inducted in 2012.



Marcus BELGRAVE



An accomplished trumpet player who was born in Chester, Marcus Belgrave began playing trumpet at the age of six, and as a teenager, played in Chester clubs such as the Belaire and the Harlan, both on 3rd Street. In the 1950s, Ray Charles frequented Club Belaire, and during one visit, Belgrave sat in with his band. Charles was so impressed that he invited Belgrave to play with his touring band, which he did for several years.

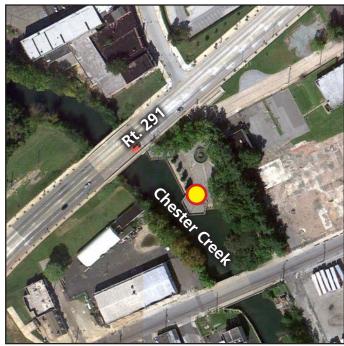
Over the course of his career Belgrave played for the Charles Mingus and Max Roach Groups, Ella Fitzgerald, Sammy Davis, Jr., Tony Bennett, and Aretha Franklin, among others. He moved to Detroit in the 1960s to play trumpet for many well-known Motown hits of the era. He cofounded the Jazz Studies programs at the Detroit Metro Arts Complex and was a jazz professor at Oberlin College and Oakland University. Belgrave was given the distinction of Jazz Master Laureate for the City of Detroit







Approximate Location of Proposed Installation



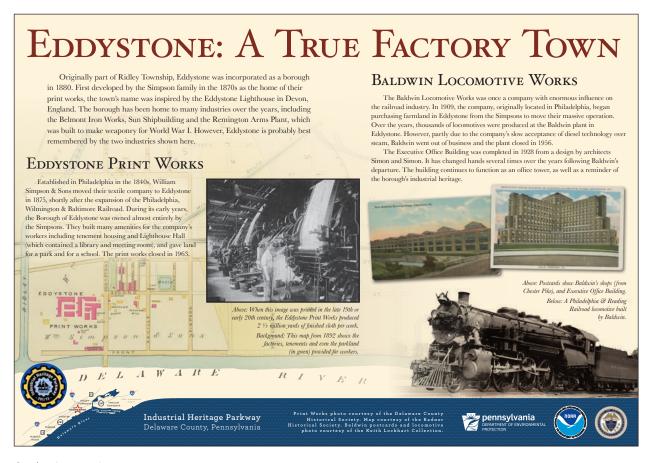
Ethel Waters Park 3rd St. between Market & Avenue of the States Chester, PA 19013

Scale: 3" = 1'-0"

4. Sign Layouts and Locations



Eddystone: A True Factory Town Medium (2'-2" x 1'-6")



Scale: 3" = 1'-0"

Approximate Location of Proposed Installation



Light House Hall Community Center 1401 9th St. Eddystone, PA 19022

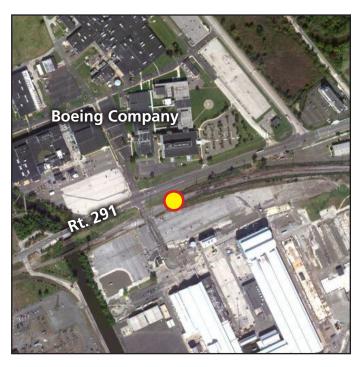
4. Sign Layouts and Locations

The Industrial Heritage Corridor: A Transportation Hub Large (3'-4" x 1'-8")



Scale: 3" = 1'-0"

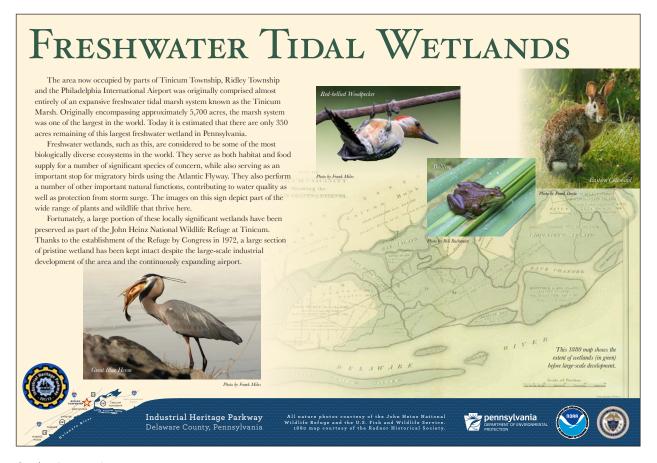
Approximate Location of Proposed Installation



Along Industrial Highway (Route 291) in Ridley Township (approximate location shown)

4. Sign Layouts and Locations

Freshwater Tidal Wetlands Medium (2'-2" x 1'-6")



Scale: 3" = 1'-0"

Approximate Location of Proposed Installation

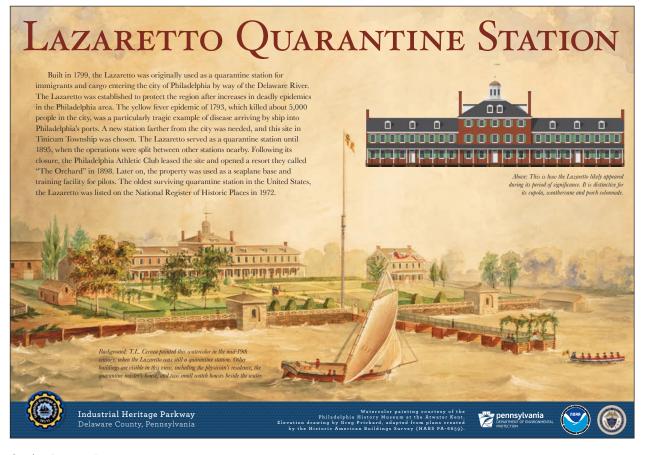


Ridley Township Marina 401 S. Swarthmore Avenue Ridley Park, PA 19078

4. Sign Layouts and Locations



Sign 11 Lazaretto Quarantine Station Medium (2'-2" x 1'-6")



Scale: 3" = 1'-0"

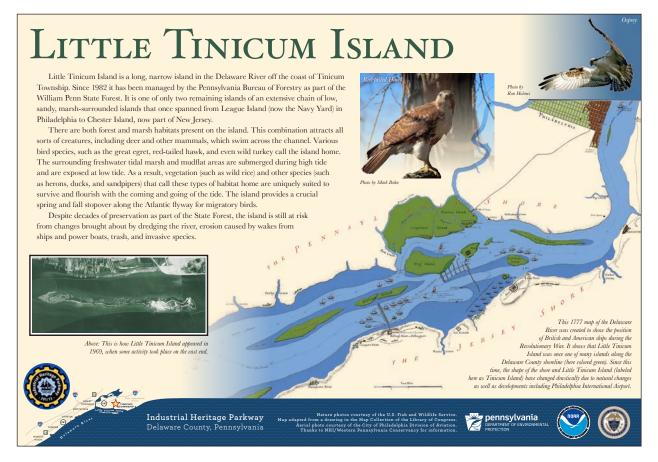
Approximate Location of Proposed Installation



Lazaretto Quarantine Station Wanamaker Ave. at E. 2nd St. Tinicum Township, PA 19029

4. Sign Layouts and Locations

Little Tinicum Island Medium (2'-2" x 1'-6")



Scale: 3" = 1'-0"

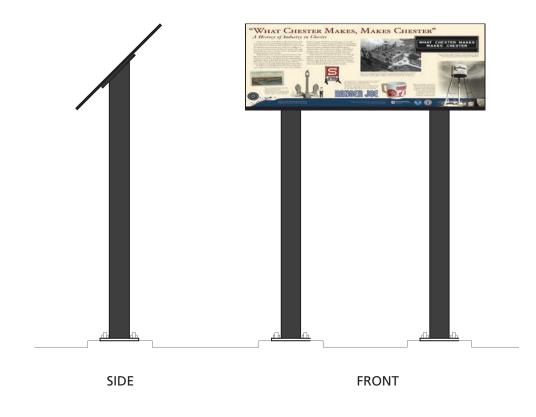
Approximate Location of Proposed Installation

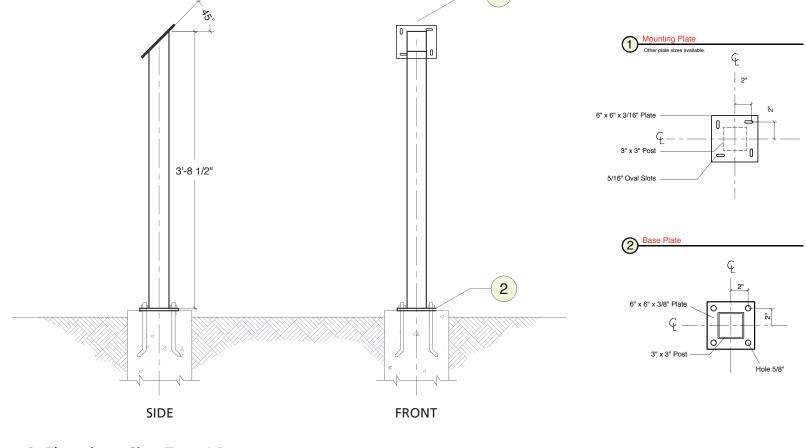


Lazaretto Quarantine Station Wanamaker Ave. at E. 2nd St. Tinicum Township, PA 19029

4. Sign Layouts and Locations







1. Elevation Sign Type 1 - Large Panel

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

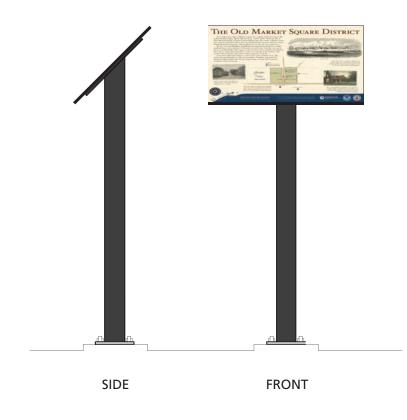
2. Elevation - Sign Type 1 Parts Scale: 3/4"=1'-0"

Pedestal: Fossil Part DP66 For ground burial situations, use part DPG66

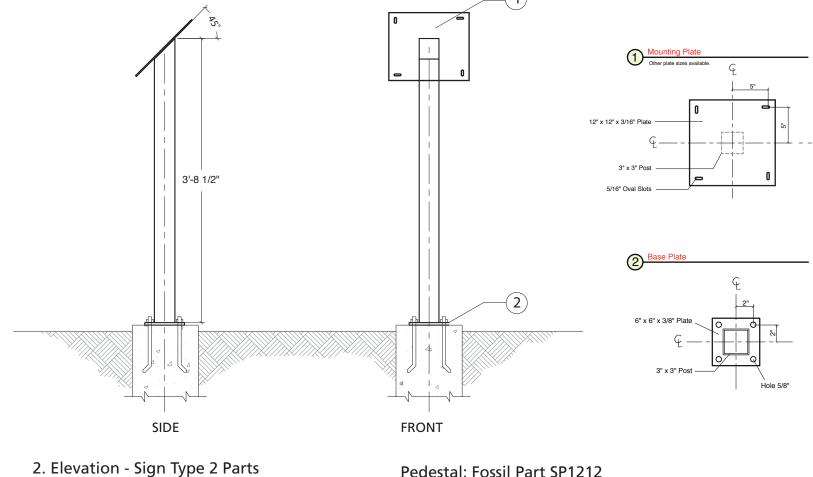
Drawings supplied by

5. Construction Details - Sign Type 1 - Large Sign





1. Elevation Sign Type 2 - Medium Panel Scale: 3/4"=1'-0"



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

Pedestal: Fossil Part SP1212 For ground burial situations, use part SPG1212

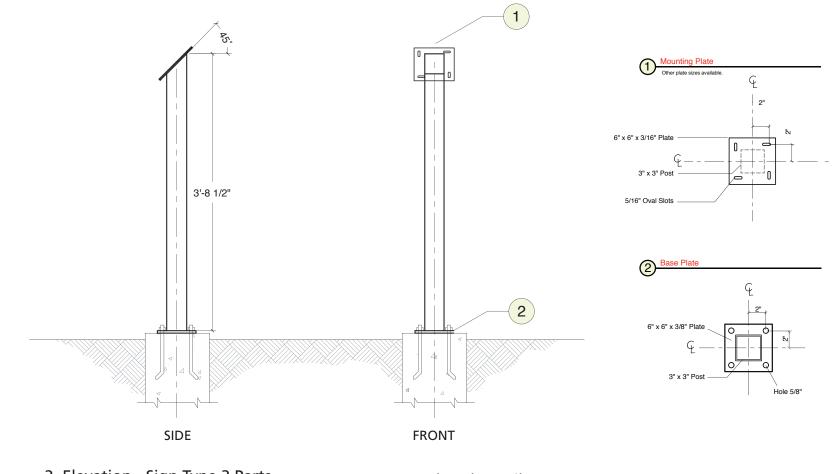
Drawings supplied by



5. Construction Details - Sign Type 2 - Medium Sign



1. Elevation Sign Type 3 - Small Panel Scale: 3/4"=1'-0"



2. Elevation - Sign Type 3 Parts Pedestal: Fossil Part SP66 Scale: 3/4"=1'-0" For ground burial situations, use part SPG66

Drawings supplied by



5. Construction Details - Sign Type 3 - Small Sign