

W. Broad Streetscape Improvements

Public Meeting

November 29, 2018



Welcome

- Public Meeting Objectives
 - Provide updates on project
 - Present Stakeholder Survey results
 - Present recommended roadway design and streetscape options
 - Receive community feedback on streetscape design options



Advisory Committee Overview

Demorest Rd

N Hague Ave

S Terrace Ave

Welcome

- Advisory Committee Role
- Organizations Invited to Participate

Columbus Dept. of
Neighborhoods

Columbus Westside Running
Club

Friends of Camp Chase Trail

Friends of the Hilltop

Friends of Westgate Park

Great Western Blockwatch

Great Western Civic
Association

Greater Hilltop Area
Commission

Greater Hilltop Area Shalom

Hardesty Village Association

Healthy Kids Running

Hilltop Business Association

Hilltop Historical Society

Hilltop Kiwanis Club

Hilltop Neighborhood Action
Group

Homes on the Hill

South Central Hilltop/Ogden
Ave Blockwatch

Westgate Blockwatch

Westgate Neighbors
Association

Wilshire Heights Blockwatch

Yay! Bikes

Roadway Layout Selection



Roadway Layout Selection

- Alternatives considered
- Survey Results
- Parking
 - Utilization
 - Alternatives to on-street parking on Broad
- Regional Connectivity
 - MORPC Insight 2050
 - Connect Columbus
 - COTA NextGen
 - Existing Facilities on Broad Street

Traffic Capacity Studies 2018



Previous Traffic Study (2017)

Capacity Findings:

- Three Alternatives analyzed for entire corridor length
- 1 lane EB and 1 lane WB – creates congestion, long queues
- 1 lane EB and 2 lanes WB – adequate operations with long queues at some intersections
- **2 lanes EB and 2 lanes WB – adequate operations overall**
 - Both lanes needed EB during AM Peak, WB during PM Peak
 - Hague intersection still has some capacity issues (similar for all)

Stormwater Study



Stormwater Study

Study Conclusions:

- Eliminate low ponding areas through surface pavement rehabilitation
- Construct intermediate, mid-block storm sewer inlets to manage water in drive lanes during heavy rain events
- Explore system capacity improvements

Hilltop W. Broad Streetscape Improvement Project Stakeholder Survey Results

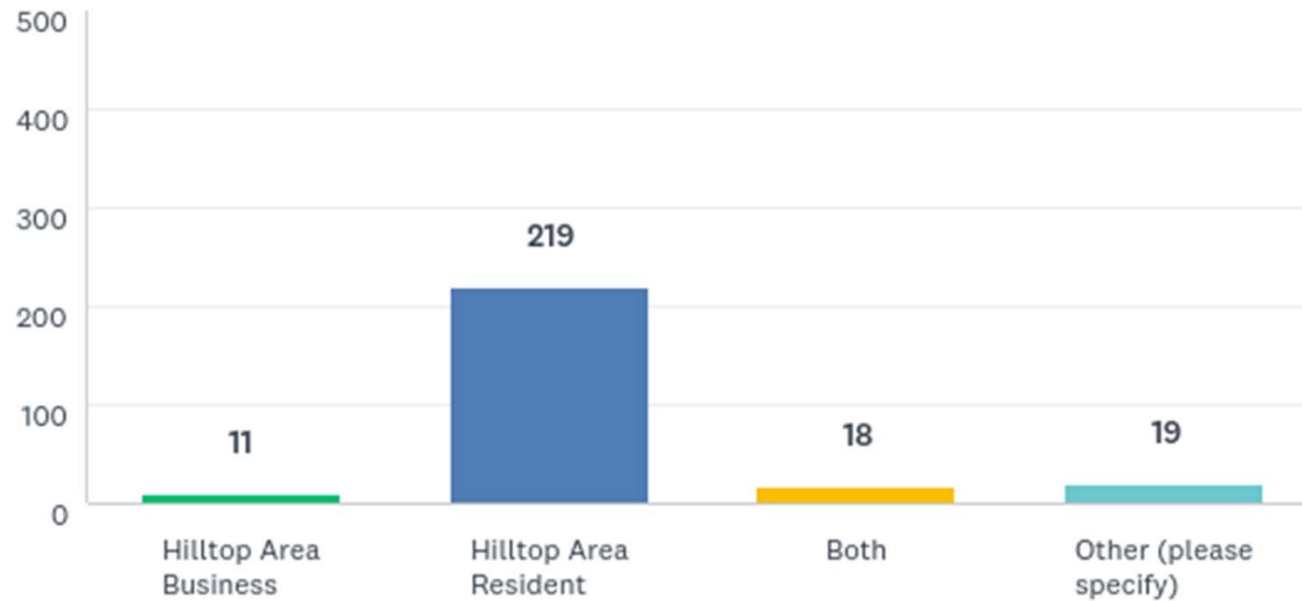
Survey Period: July 3, 2017 – September 5, 2017



An electronic survey was administered from July 3, 2017 to September 5, 2017 for the Hilltop W. Broad Streetscape Improvement Project. Respondents were asked to indicate their level of priority for proposed design elements.

The survey was distributed through email and via canvassing that took place within the project corridor along W. Broad Street between Demorest Road and S. Terrace Avenue. **A total of 256 responses were received.**

Q1: I am a...



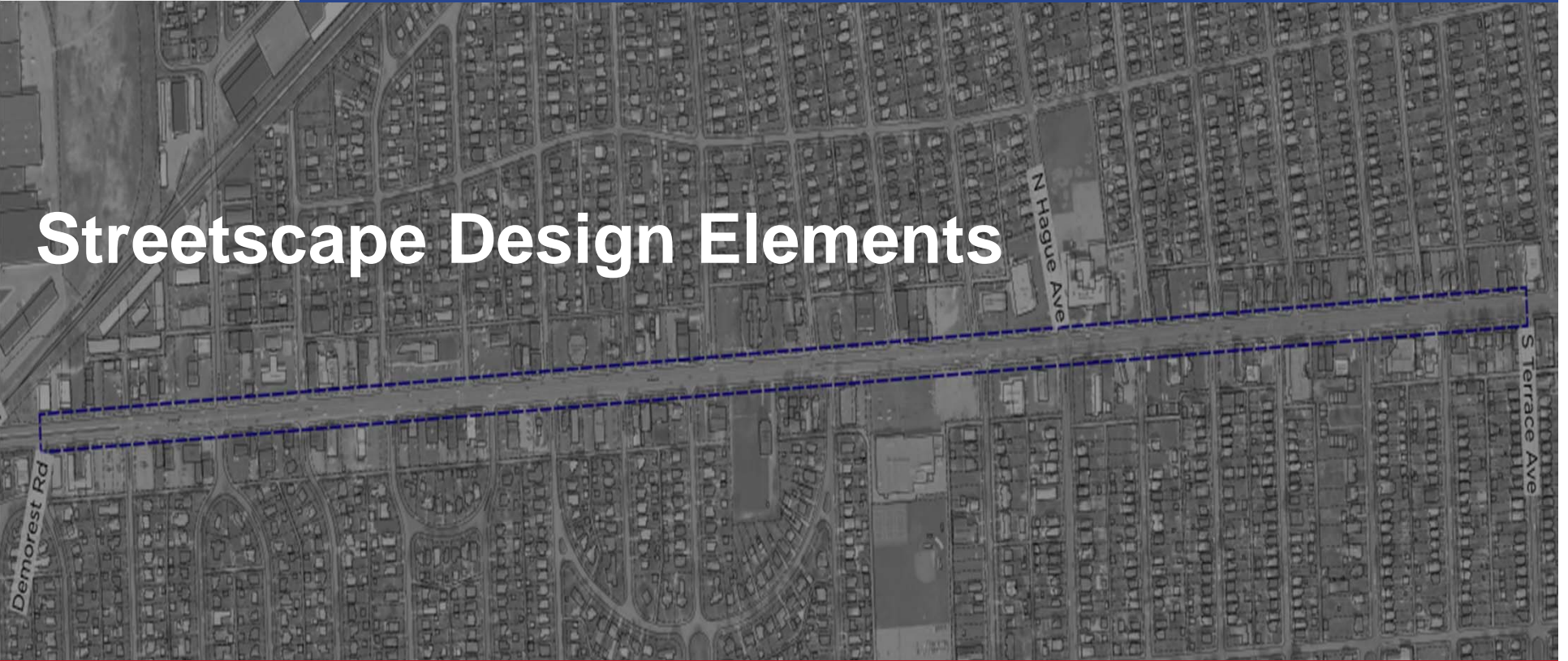
Stakeholder Survey Results Summary

Design Elements with the highest %
 of High and Medium Priority:

1. Increased Illumination
2. Updated Lighting Fixtures
3. Street Trees
4. Public Art
5. Outdoor Furnishings

Design Element	High Priority	Medium Priority	Low Priority	Not a Priority
<i>Sidewalk Enhancements</i>	35.16% (90)	48.44% (124)	14.45% (37)	1.95% (5)
<i>Street Trees</i>	46.09% (118)	37.11% (95)	13.67% (35)	3.13% (8)
<i>Updated Lighting Fixtures</i>	56.64% (145)	35.16% (90)	7.42% (19)	.78% (2)
<i>Increased Illumination (More Light)</i>	76.56% (196)	16.80% (43)	4.69% (12)	1.95% (5)
<i>Street Parking</i>	26.17% (67)	44.92% (115)	21.48% (55)	7.42% (19)
<i>Bike Lanes</i>	25% (64)	35.16% (90)	21.88% (56)	17.97% (46)
<i>Maps & Wayfinding Signage</i>	16.80% (43)	39.84% (102)	33.98% (87)	9.38% (24)
<i>Public Art</i>	41.02% (105)	32.81% (84)	20.31% (52)	5.86% (15)
<i>Neighborhood Identification Signage</i>	31.25% (80)	42.97% (110)	21.48% (55)	4.30% (11)
<i>Bike Storage</i>	17.97% (46)	41.80% (107)	32.42% (83)	7.81% (20)
<i>Updated Bus Shelters</i>	47.27% (121)	43.75% (112)	8.98% (23)	NA
<i>Outdoor Furnishings</i>	37.50% (96)	47.66% (122)	12.89% (33)	1.95% (5)
<i>Planted Medians</i>	30.86% (79)	32.42% (83)	22.27% (57)	14.45% (37)
<i>Hardscaped Medians</i>	12.50% (32)	35.55% (91)	29.69% (76)	22.27% (57)
<i>Bump Outs</i>	16.80% (43)	31.25% (80)	27.73% (71)	24.22% (62)

Streetscape Design Elements



Streetscape Program Elements

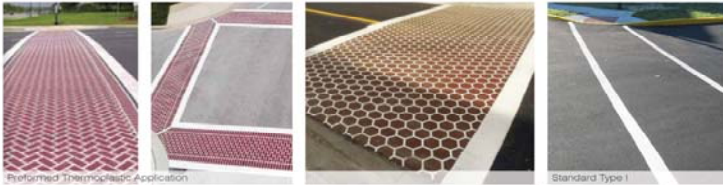
DECORATIVE PAVEMENT



SITE FURNISHINGS



CROSSWALK



ORNAMENTAL ELEMENTS



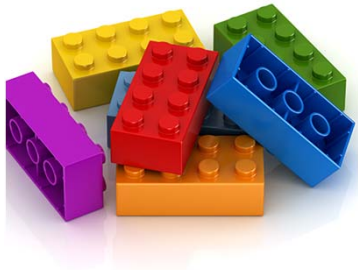
LANDSCAPE MATERIAL

PLANT PALETTE

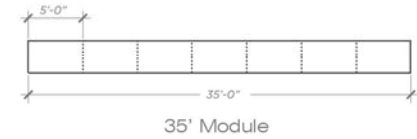
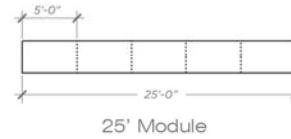
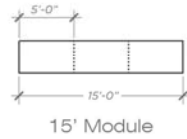


STREET TREE





STREETSCAPE MODULE CONCEPT



Module Concept Explanation

- 5'-0" increments with hardscape, landscape or ornamental element materials configure the 15', 25' or 35' module sizes.
- Combination of the materials (hardscape, landscape or ornamental element) and size of module varies based on streetscape options and existing site context.

STREETSCAPE MODULE MATRIX

Streetscape Option 1: Hardscape
 * **2/3 Hardscape + 1/3 Landscape**



15' Module Example



25' Module Example



35' Module Example

Streetscape Option 2: Landscape
 * **2/3 Landscape + 1/3 Hardscape**



15' Module Example



25' Module Example



35' Module Example

Streetscape Option 3: Ornamental Element
 * **2/3 Ornamental Element / Landscape + 1/3 Hardscape**



15' Module Example



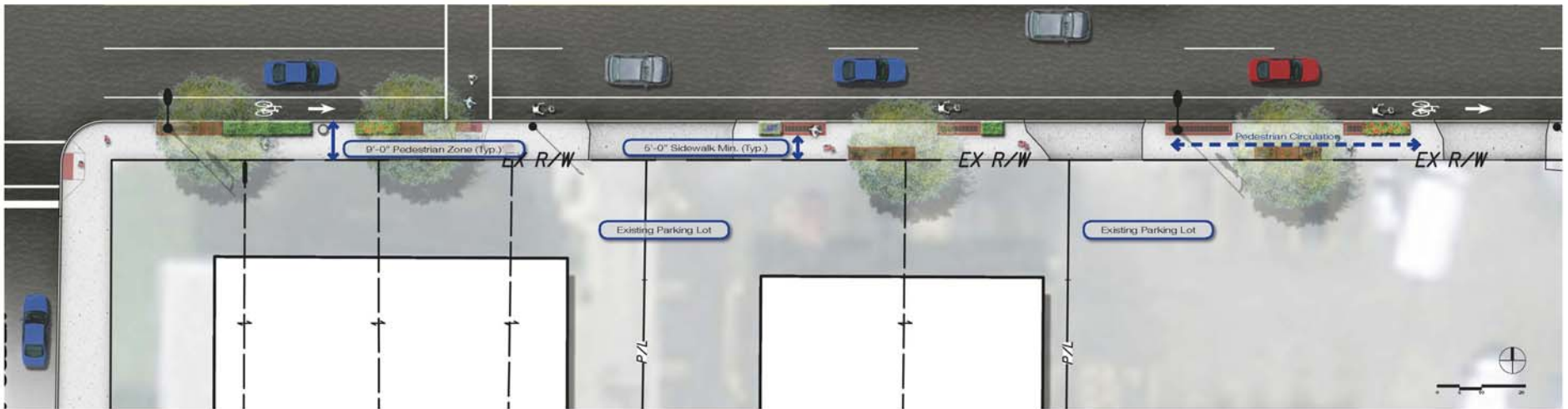
25' Module Example



35' Module Example



Pedestrian Zone



- 9'-0" Right-of-Way
- 5'-0" Pedestrian "Clear Zone"
- Modular system to allow for flexibility within the streetscape
- Modules can be located next to the curb or ROW dependent upon site context

Streetscape Option 1 – Hardscape

2/3 Hardscape + 1/3 Landscape



15' Module Example



25' Module Example



35' Module Example



Streetscape Option 2 – Landscape

2/3 Landscape + 1/3 Hardscape



15' Module Example



25' Module Example



35' Module Example



Streetscape Option 3 – Ornamental Element

2/3 Ornamental Element / Landscape + 1/3 Hardscape



15' Module Example



25' Module Example

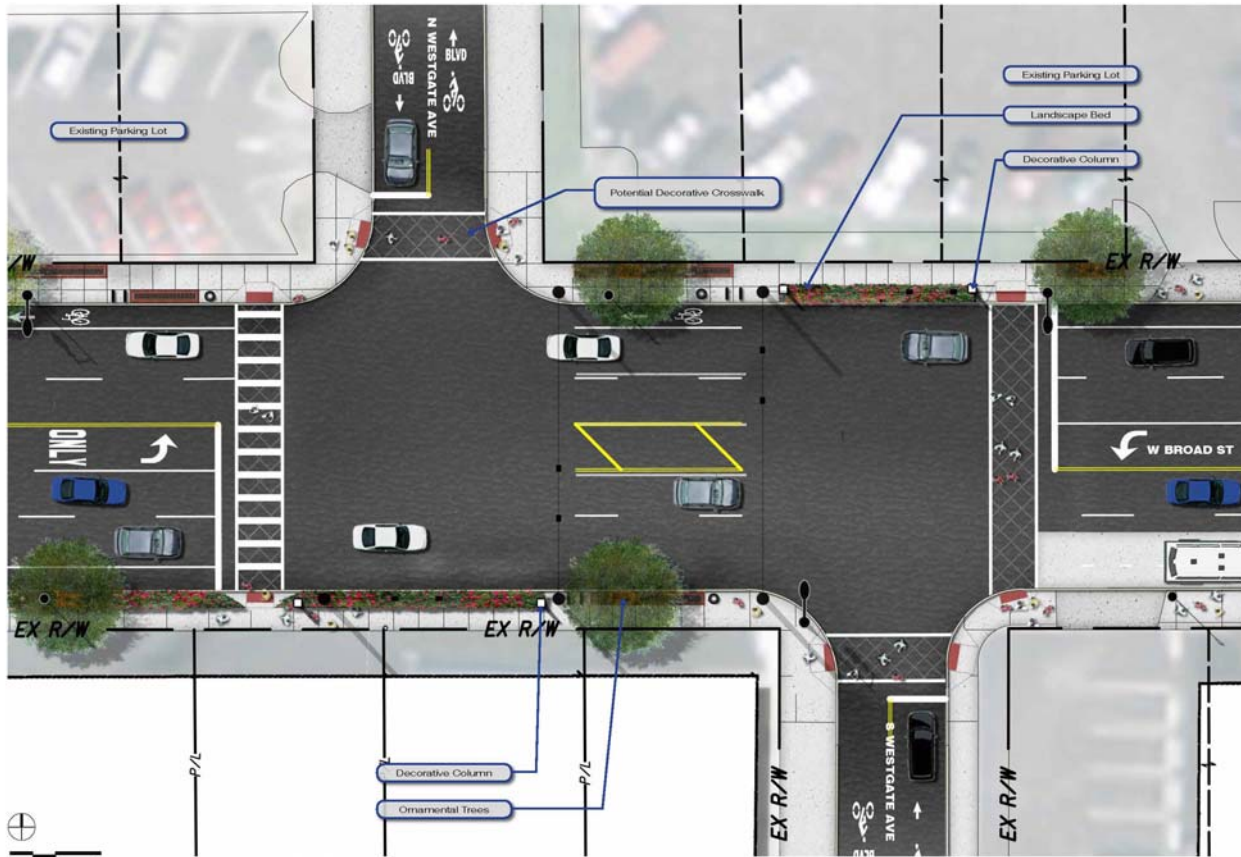


35' Module Example

CONCEPT



Regional Bikeway Connection @ Westgate Ave.



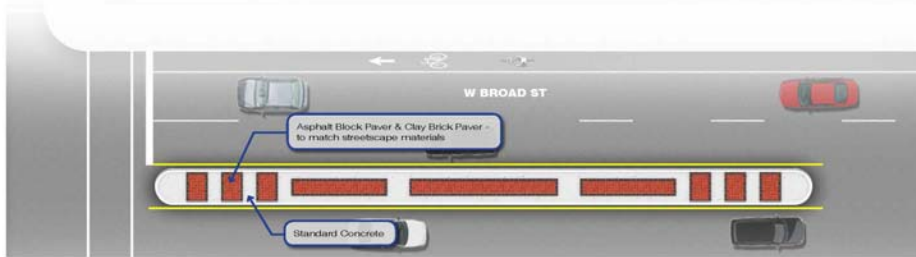
CHARACTER IMAGES



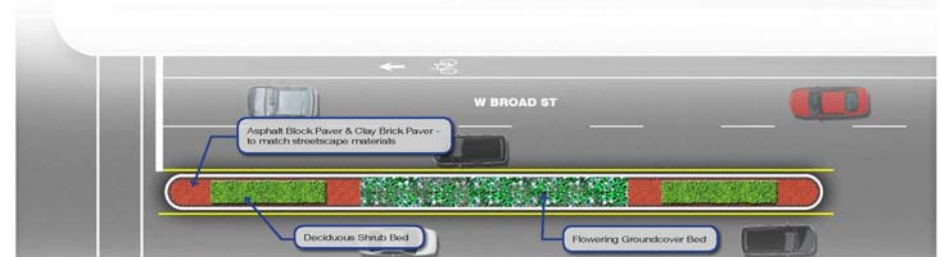
- Steele & Westgate Bicycle Boulevards
- Ohio to Erie Trail

Median Options

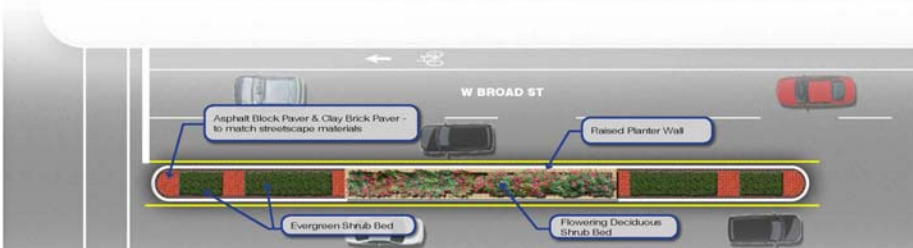
MEDIAN TYPE 1 - HARDSCAPE OPTION



MEDIAN TYPE 2 - LANDSCAPE OPTION



MEDIAN TYPE 3 - RAISED PLANTER OPTION



CHARACTER IMAGES



Neighborhood Signage



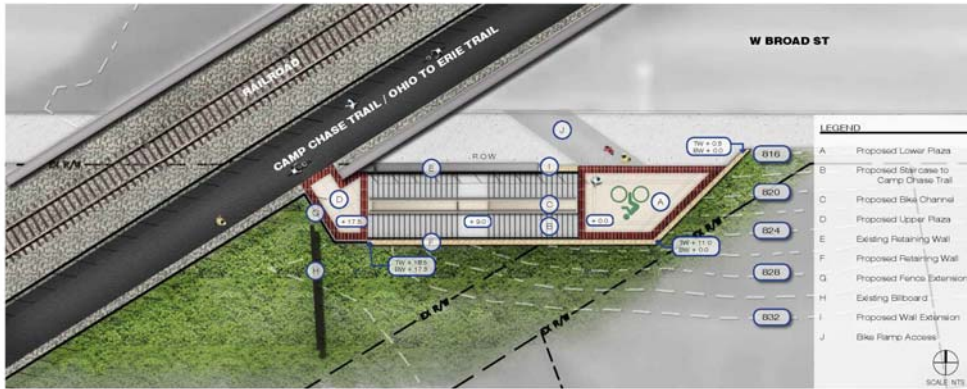
SIGNAGE EXAMPLES



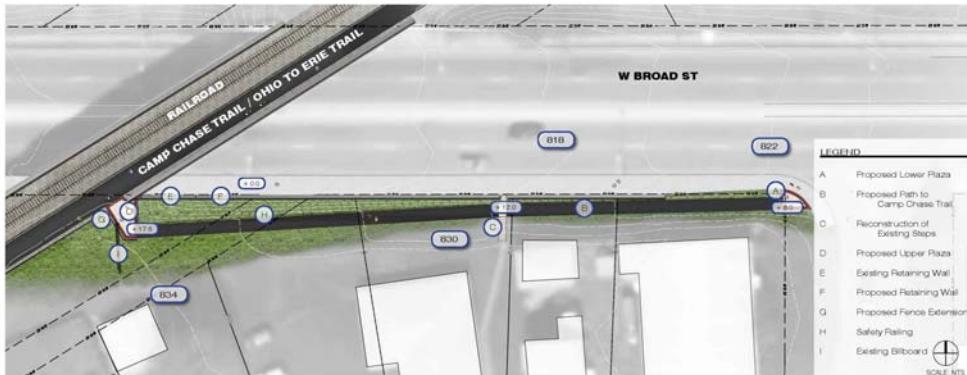
4 Neighborhoods within the project limits:

- Great Western
- Westgate
- Westgate Heights
- Highland West

Ohio to Erie Trail Connection



PROPOSED STAIRS WITH BIKE CHANNEL



PROPOSED PATH

EXISTING CONDITIONS



CHARACTER IMAGES





Instructions for Community
Feedback Stations

Demorest Rd

N Hagood Ave

S Terrace Ave