W. Broad Streetscape Improvements
Public Meeting
November 29, 2018
Welcome

• Public Meeting Objectives
  o Provide updates on project
  o Present Stakeholder Survey results
  o Present recommended roadway design and streetscape options
  o Receive community feedback on streetscape design options
Advisory Committee Overview
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
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 has capacity issues (similar for all)
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

<table>
<thead>
<tr>
<th>Design Element</th>
<th>High Priority</th>
<th>Medium Priority</th>
<th>Low Priority</th>
<th>Not a Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sidewalk Enhancements</td>
<td>35.16% (90)</td>
<td>46.44% (124)</td>
<td>14.45% (37)</td>
<td>1.95% (5)</td>
</tr>
<tr>
<td>Street Trees</td>
<td>46.09% (118)</td>
<td>37.11% (95)</td>
<td>13.67% (35)</td>
<td>3.13% (8)</td>
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<tr>
<td>Updated Lighting Fixtures</td>
<td>56.64% (145)</td>
<td>35.16% (90)</td>
<td>7.42% (19)</td>
<td>.78% (2)</td>
</tr>
<tr>
<td>Increased Illumination (More Light)</td>
<td>76.56% (190)</td>
<td>16.80% (43)</td>
<td>4.69% (12)</td>
<td>1.95% (5)</td>
</tr>
<tr>
<td>Street Parking</td>
<td>26.17% (67)</td>
<td>44.92% (115)</td>
<td>21.48% (55)</td>
<td>7.42% (19)</td>
</tr>
<tr>
<td>Bike Lanes</td>
<td>25% (64)</td>
<td>35.16% (90)</td>
<td>21.88% (56)</td>
<td>17.57% (45)</td>
</tr>
<tr>
<td>Maps &amp; Wayfinding Signage</td>
<td>16.80% (45)</td>
<td>16.84% (45)</td>
<td>25.98% (67)</td>
<td>9.38% (24)</td>
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<tr>
<td>Public Art</td>
<td>41.02% (105)</td>
<td>32.21% (84)</td>
<td>20.53% (52)</td>
<td>5.88% (15)</td>
</tr>
<tr>
<td>Neighborhood Identification Signage</td>
<td>51.25% (80)</td>
<td>42.97% (110)</td>
<td>21.48% (55)</td>
<td>4.30% (11)</td>
</tr>
<tr>
<td>Bike Storage</td>
<td>17.97% (46)</td>
<td>41.80% (107)</td>
<td>32.42% (83)</td>
<td>7.81% (20)</td>
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<tr>
<td>Updated Bus Shelters</td>
<td>47.27% (121)</td>
<td>43.75% (112)</td>
<td>8.98% (23)</td>
<td>NA</td>
</tr>
<tr>
<td>Outdoor Furnishings</td>
<td>37.50% (96)</td>
<td>47.86% (122)</td>
<td>22.89% (55)</td>
<td>1.95% (5)</td>
</tr>
<tr>
<td>Planted Medians</td>
<td>30.86% (79)</td>
<td>32.42% (83)</td>
<td>22.27% (57)</td>
<td>34.45% (37)</td>
</tr>
<tr>
<td>Hardscaped Medians</td>
<td>12.50% (32)</td>
<td>35.55% (91)</td>
<td>29.69% (76)</td>
<td>22.27% (57)</td>
</tr>
<tr>
<td>Bump Outs</td>
<td>16.80% (43)</td>
<td>31.25% (80)</td>
<td>27.73% (71)</td>
<td>24.22% (62)</td>
</tr>
</tbody>
</table>
Streetscape Design Elements
Streetscape Program Elements
STREETSCEAPE 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.

STREETSCEAPE MODULE MATRIX

| Streetscape Option 1: Hardscape  
| + 2/3 Landscape + 1/3 Landscape | Streetscape Option 2: Landscape  
| + 2/3 Landscape + 1/3 Hardscape | Streetscape Option 3: Ornamental Element  
| + 2/3 Ornamental Element / Landscape + 1/3 Landscape |
| 15' Module Example | 15' Module Example | 15' Module Example |
| 25' Module Example | 25' Module Example | 25' Module Example |
| 35' Module Example | 35' 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
Streetscape Option 2 – Landscape

2/3 Landscape + 1/3 Hardscape
Streetscape Option 3 – Ornamental Element
2/3 Ornamental Element / Landscape + 1/3 Hardscape
Regional Bikeway Connection @ Westgate Ave.

- Steele & Westgate Bicycle Boulevards
- Ohio to Erie Trail
Median Options

**Median Type 1 - Hardscape Option**

- Aggregate Block Paver & Clay Brick Paver to match sidewalk materials
- Standard Drainage

**Median Type 2 - Landscape Option**

- Aggregate Block Paver & Clay Brick Paver to match sidewalk materials
- Decorative Triplet Bed
- Flowering Greenover Bed

**Median Type 3 - Raised Planter Option**

- Aggregate Block Paver & Clay Brick Paver to match sidewalk materials
- Raised Planter (1st)
- European Triple Bed
- Flowering/Decorative Greenover Bed

**Character Images**

- Hardscape Median
- Landscape Median
- Raised Planter Median
4 Neighborhoods within the project limits:
- Great Western
- Westgate
- Westgate Heights
- Highland West
Ohio to Erie Trail Connection
Instructions for Community Feedback Stations