PEOPLE FRIENDLY STREETS
First & Ashley Project / William Street Bikeway / Huron Street Design

DDA CIC Meeting
September 18, 2018
PEOPLE-FRIENDLY STREETS

FIRST & ASHLEY PROJECT & WILLIAM STREET BIKEWAY
### PHASE 1: Schematic Design (thru October 2018)
- Site analysis
- Engineering survey
- Public outreach & engagement (2 workshops + stakeholder meetings)
- Traffic analysis
- Preliminary bikeway design
- Schematic design and layout
- Preliminary cost analysis
- Concept approvals

### PHASE 2: Engineering Phase (Nov 2018 – Feb 2020)
- Detailed design and engineering including:
  - Streetscape design
  - Roadway engineering
  - Signal design & permitting
  - Signage plan
  - Revised cost estimates
- Construction documentation + bid package
- Phasing plan
- On-going outreach and coordination with property owners.
- Bidding assistance, pre-bid services

### PHASE 3: Construction Phase (March 2020 – Dec 2020)
- Post-bid assistance
- Field visits & site meetings
- Document review
Project Elements & Costs: **Street Type & Bike Facilities**

**Total project within budget**

$11.4-million budget includes:

- Direct construction Cost
- Design fees (w/ contingency)
- Construction Contingency
- Const. administration

---

**Legend**

- **Blue** Bikeway – Preferred Width (40’+ roadway)
- **Light Blue** Bikeway – Constrained Width (33’+ roadway)
- **Orange** Commercial Street
- **Purple** Neighborhood Street with Advisory Bike Lanes
- **Yellow** NBH Street
Project Elements & Costs: Streetscape & Infrastructure

- Water main upsizing
Project Elements & Costs: Streetscape & Infrastructure

.......... Water main upsizing

- **Curb adjust:** widen roadway (for bikeway accommodation)

- **Curb adjust:** narrow roadway (for more sidewalk/streetscape space)
  *Curb adjusts include new sidewalk*
Project Elements & Costs: Streetscape & Infrastructure

Water main upsizing

Curb adjust: widen roadway (for bikeway accommodation)

Curb adjust: narrow roadway (for more sidewalk/streetscape space)

* Curb adjusts include new sidewalk

Streetscape enhancement (street trees, new lighting, new sidewalk, furnishing)

Locations:
- First: Huron to Liberty (west)
- First: Liberty to William (east)
- Ashley: Liberty to Huron (both sides)
- William: Maynard to Thompson (north)
Project Elements & Costs: **Road Resurfacing**

- **Rehab** (worst-condition roads)
- **Mill & Resurface**
- **Cape Seal**
- **Micro Seal** (best condition roads)

- DDA putting funds towards these improvements.
- Some areas (e.g. Ashley on Liberty-Wash block) may require a higher treatment where streetscape construction is more significant.
- Priority for resurfacing on areas overlapping Bikeway facility and underground utility

---

Streetscape enhancement

...... Watermain upsizing
Streetscape Enhancements: First – Washington to Liberty
Streetscape Enhancements: First – Liberty to William
Streetscape Enhancements: Ashley – Liberty to Washington
Streetscape Enhancements: Ashley – Washington to Huron
Streetscape Enhancements: William – Maynard to Thomphson
## Project Timelines

**September 9, 2018**

<table>
<thead>
<tr>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan     Feb     March</td>
<td>Jan     Feb     March</td>
<td>Jan     Feb     March</td>
</tr>
<tr>
<td>April</td>
<td>May     June</td>
<td>July     Aug     Sept</td>
</tr>
<tr>
<td>Site Investigation and Feasibility</td>
<td>FIRST/Ashley &amp; William</td>
<td>FIRST/Ashley &amp; William</td>
</tr>
<tr>
<td>Schematic Design</td>
<td>Huron</td>
<td>FIRST/Ashley &amp; William</td>
</tr>
<tr>
<td>Design Development</td>
<td>Huron</td>
<td>FIRST/Ashley &amp; William</td>
</tr>
<tr>
<td>Construction Documentation</td>
<td>Huron</td>
<td>FIRST/Ashley &amp; William</td>
</tr>
<tr>
<td>Bidding and Negotiations</td>
<td>Huron</td>
<td>FIRST/Ashley &amp; William</td>
</tr>
<tr>
<td>Contract Docs and Construction Admin</td>
<td>Fifth &amp; Detroit</td>
<td>Huron</td>
</tr>
</tbody>
</table>

**Ann/Ashley Garage**

- Workshops
- DDA CIC
- DDA Finance
- DDA Board
- Transportation Commission
- City Council

2019 = Big structural stuff in 2019, except for mobile crane

Would need a lane and a sidewalk on Ashley for this.

### First/Ashley & William - Major Elements

- Two-way restoration - mostly signals, signage, lane markings (could be temporary markings)
- Bikeway construction (First & William streets) - needs to follow two-way restoration (for First street) or else lane capacity will be affected - William street could go sooner
- Commercial Street reconstruction - more flexible. Reconstruction should overlap with Bikeway construction on those segments.
Recent Project Progress

- Approvals meeting (e.g. City Council)
- Engineering survey
- Conceptual layout for bike facility
- Traffic analysis and city staff coordination
- Intersection controls for bikeway
  - “Bikes Use Ped Signal” preferred direction
Next Steps: **Bump-outs & Refining Intersection Improvements**

- **Bump-out locations**

![Map of Ann Arbor showing bump-out locations along Huron, Madison, Washington, Catherine, Ann, First, Ashley, William, Main, Jefferson, and Madison streets.](image-url)
Next Steps: **Bump-outs & Refining Intersection Improvements**

- **Bump-out locations**
- **Proposed Signal to 4-way stop**
- **Proposed 2-way to 4-way stop**
Next Steps: Design Areas of Interest

• Working through more detailed design of key locations & intersections, e.g:
  – Overlap points with the Treeline
  – Intersections at the start & end of the bikeways
Next Steps: Design Areas of Interest

• Working through more detailed design of key locations & intersections, e.g:
  – Overlap points with the Treeline
  – Intersections at the start & end of the bikeways
Next Steps: Design Areas of Interest

• Working through more detailed design of key locations & intersections, e.g:
  – Overlap points with the Treeline
  – Intersections at the start & end of the bikeways
PEOPLE FRIENDLY STREETS

Thank you