S. 7th Street (Scio Church to Delaware) Water Main, Stormwater, and Road Improvements

Engagement Session
April 25, 2023

City of Ann Arbor – Public Services Area – Engineering

www.a2gov.org/seventhgreenview
Meeting Norms

• Commit to learning and avoid speculation.
• Remember the importance of rights and the dignity of others.
  • Critique ideas, not people.
  • Use thoughtful language to create a comfortable forum for everyone.
• Inappropriate language will result in removal from the meeting.
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Agenda

Project Overview
Problems and Potential Solutions
Group Exercise and Sharing
Questions
Next Steps
Engagement History

Summer/Early Fall, 2022
- Online survey; informational session

September 2022
- Staff and Transportation Commission recommendations

November 2022
- Council Resolution

Spring/Summer 2023
- New engagement series

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Construction Project Boundaries

- S. 7th Street – Scio Church Rd to Delaware Dr
- Greenview – S. 7th Street to Stadium Blvd
Project Boundaries: S. 7th Street Reconfiguration

S. 7th Street reconfiguration: Scio Church Rd to Delaware Dr
- Residential road
- 0.3 miles

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Project Overview

- Replace aging water main
- Install stormwater management system
- Repave the street
- Provide transportation safety improvements
- Construction Spring/Summer 2024
Develop new designs for South Seventh between Scio Church and Delaware that **narrow the road** using speed management tools such as, but not limited to, chicanes, pinch points, and/or mini roundabouts to slow traffic to safe neighborhood speeds, and then integrate an **appropriate all ages and abilities bike route** for a neighborhood street.

**Additional public engagement shall be conducted** to present the new designs to the public for feedback, then the designs will go to the Transportation Commission, then to City Council if necessary.
Road Reconfiguration

Purpose
• Improve public safety for all users
• Make All Ages and Abilities Route

Impacts
• Slow down vehicular speeds
• Improve comfort levels for nonmotorized users

36% of all trips within the city made by walking, biking or transit (2019 Transportation Habits Survey)
All Ages and Abilities Route: Examples

Residential

Downtown

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Perceived Problems – Public Comment

- 3-way intersection can be dangerous (cars drive through it)
- Speeding
- Lack of bicycle infrastructure (because of the school there are a lot of learning cyclists)
- Road is too wide
- Sidewalks are too narrow (don’t accommodate bicyclists)
- U-turns on the street
- No road markings
- Annual maintenance
Perceived Problems – Public Comment Con’t

• Maintain residential parking (use our driveways for children to play)
• School pick up and drop off
• Maintain the traffic flow
• Football parking
• Lack of signage
Design Options: Mini Roundabouts

<table>
<thead>
<tr>
<th>Purpose of Roundabout</th>
<th>Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Helps to slow traffic</td>
<td>Located in intersections</td>
</tr>
<tr>
<td>Could include a landscaped center</td>
<td></td>
</tr>
</tbody>
</table>
### Design Options: Curb Bump Outs

<table>
<thead>
<tr>
<th>Purpose of Curb Bump Outs</th>
<th>Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Narrows road – can be used as “pinch points”</td>
<td>Can remove some parking (location dependent)</td>
</tr>
<tr>
<td>Slows traffic</td>
<td>Additional maintenance for residents in the grassy area between the sidewalk and the road</td>
</tr>
<tr>
<td>Reduces turning speeds at intersections</td>
<td></td>
</tr>
<tr>
<td>Stormwater capture (extra permeable surface)</td>
<td></td>
</tr>
</tbody>
</table>

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# Design Options: Chicanes

<table>
<thead>
<tr>
<th>Purpose of Chicanes</th>
<th>Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slows traffic by added curvature to the road</td>
<td>Would reduce parking</td>
</tr>
<tr>
<td>Stormwater capture (extra permeable surface)</td>
<td>Additional maintenance for residents in the grassy area between the sidewalk and the road</td>
</tr>
</tbody>
</table>

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# Design Options: Additional Crosswalks

<table>
<thead>
<tr>
<th>Purpose of Additional Crosswalks</th>
<th>Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safe access for pedestrians</td>
<td>New crosswalks would reduce parking</td>
</tr>
<tr>
<td>Provides context cues to drivers to slow down</td>
<td>Need a ramp on both sides (not a driveway)</td>
</tr>
<tr>
<td>Combined with curb bump outs can increase pedestrian visibility</td>
<td>Cannot add stop signs with every crosswalk</td>
</tr>
</tbody>
</table>

[With Bump Outs](#) [Without Bump Outs](#)
### Purpose of Narrow Road

<table>
<thead>
<tr>
<th>Considerations</th>
<th>Purpose of Narrow Road</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional maintenance for residents in the grassy area between the sidewalk and the road</td>
<td>Helps to slow traffic by giving road a “residential” feel</td>
</tr>
<tr>
<td>Could move both curbs or one side</td>
<td>Less paving = less maintenance</td>
</tr>
<tr>
<td>Parking is maintained</td>
<td>Road width would match surrounding roads</td>
</tr>
<tr>
<td>Stormwater capture (extra permeable surface)</td>
<td></td>
</tr>
</tbody>
</table>
Design Options: Widen West Sidewalk

<table>
<thead>
<tr>
<th>Purpose of Widen West Sidewalk</th>
<th>Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike would be separated from road (on same side as school)</td>
<td>West side of road would be narrowed to allow for a 10 ft wide sidewalk</td>
</tr>
<tr>
<td>Parking is maintained</td>
<td>Only west side is changed</td>
</tr>
<tr>
<td>Road width would match surrounding roads</td>
<td>Some trees on west side would be removed</td>
</tr>
</tbody>
</table>
Group Exercise
## Budget Sheet

<table>
<thead>
<tr>
<th>Potential Solutions</th>
<th>Relative Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini Roundabouts</td>
<td>$3</td>
</tr>
<tr>
<td>Curb Bump Out</td>
<td>$2 (per bump out)</td>
</tr>
<tr>
<td>Chicanes</td>
<td>$3 (per side)</td>
</tr>
<tr>
<td>Additional Crosswalk</td>
<td>$1</td>
</tr>
<tr>
<td>Narrow Width of Road (2 sides)</td>
<td>$14</td>
</tr>
<tr>
<td>Narrow Width of Road (1 side)</td>
<td>$7</td>
</tr>
<tr>
<td>Widen West Sidewalk</td>
<td>$12</td>
</tr>
</tbody>
</table>

**Total Allotted per Group** $20
Exercise Instructions

• With your group, draw on the map *where* (use the legend on the aerial) you would like to add the “potential solutions” on S. 7\textsuperscript{th} Street
• You can use any combination of elements but cannot exceed $20
• Groups must account for the considerations listed
• Use the sticky notes to describe your ideas, ask questions, or leave comments
• Elect a spokesperson to share results with the entire group
Design Limitations

Traffic Calming
• Includes elements to drive over, not around
• Separate, Council-approved program
• Based on resident petitions

Stop Signs
• Must meet strict federal criteria to be installed

Parking
• Parking in intersections and at crosswalks is illegal

Crosswalk Lighting
• Crosswalk design will be determined by city guidelines
Questions
Next Steps for Engagement

City to create design options considering today’s input

In person meeting June 27 to present and refine design options

Final design option shared with public this summer
Contact Information

• Stay tuned at A2gov.org/seventhgreenview.
  • **Subscribe** to receive updates.

• Contact Tracy with any questions or comments
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Thank You!