Complete Streets Post-Construction: Data Versus Public Perception

Jessica Hyink
Transportation & Mobility Coordinator
City of Evanston
Overview

- Projects
  - Dodge Ave
  - Sheridan Rd
- Takeaways
- Next Steps
Dodge Avenue Bike Lanes
Need

1. Location/Connections
   - High School
     - 323 parked bicycles in Sept.
   - 2 community centers
   - Multiple parks
   - Shopping destinations

2. Accident Data
   - 2008 – 2012: 20 crashes with bikes
   - 5 crashes at Dodge & Main
     - Including 1 fatality
Timeline

- Feb 2013: CMAQ Application
- Nov 2014: Public Meeting
- Dec 2014: Public Meeting
- Feb 2015: City Council Approval
- Apr 2015: Project Bid
- Feb 2016: Project Award
- Jun 2016: Construction
City Council Meeting on Dodge Street Bike Lanes

Stuart Kipnis
Chicago, IL, United States

OCT 21, 2016 — Dear Friend,

The petition to improve, not remove, the Dodge Street protected bike lanes has received over 1,000 signatures! I'm going to send it to the City Clerk, Mayor, Alders, and City Manager. Thank you again for signing the petition!
Public Concerns

1. Conflicts with Buses
2. Reduced Visibility at Intersections
3. Emergency Vehicle Access
4. Street Cleaning and Snow Removal
Response

1. Remove parking to allow buses to pull to curb
2. Remove parking at intersections to increase visibility
3. Remove bollards at striped areas to allow vehicles to pull over for emergency vehicles
4. Use existing equipment to clear bike lane
# Collect Data

## Dodge Avenue Bicycle Use Data*

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dodge &amp; Church</td>
<td>34</td>
<td>29</td>
<td>44</td>
<td>92</td>
<td>109%</td>
</tr>
<tr>
<td>Dodge &amp; Dempster</td>
<td></td>
<td>41</td>
<td></td>
<td>226</td>
<td>451%</td>
</tr>
<tr>
<td>Dodge &amp; Main</td>
<td></td>
<td>60</td>
<td></td>
<td>123</td>
<td>105%</td>
</tr>
<tr>
<td>Dodge &amp; Oakton</td>
<td>18</td>
<td>51</td>
<td>45</td>
<td>106</td>
<td>136%</td>
</tr>
</tbody>
</table>

*(bicycle counts taken on a weekday for a 2 hour period, either 7-9am or 8-10am)*

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*Protected Bike Lane Installation in June 2016*
More Headlines

Evanston Now
Dodge bike lanes under attack
By Bill Smith on April 20, 2018 - 5:57am

Chicago Tribune
May 1, 2018
Dodge Avenue bike lanes to remain as is — for now — after committee rejects a plan to change them
Can the project be reversed and put back the way it was?

Response:

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>$450,000</td>
</tr>
<tr>
<td>Grant Repayment</td>
<td>$364,149</td>
</tr>
<tr>
<td>Contingency (15%)</td>
<td>$122,122</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$940,000</strong></td>
</tr>
</tbody>
</table>
## Collect Data Again

<table>
<thead>
<tr>
<th>Type of Accident</th>
<th>2015</th>
<th>2017</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>2</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>10</td>
<td>3</td>
<td>-7</td>
</tr>
<tr>
<td>Head-On</td>
<td>4</td>
<td>1</td>
<td>-3</td>
</tr>
<tr>
<td>Angle</td>
<td>17</td>
<td>5</td>
<td>-12</td>
</tr>
<tr>
<td>Side-Swipe (Same Direction)</td>
<td>14</td>
<td>14</td>
<td>0</td>
</tr>
<tr>
<td>Side-Swipe (Opposite Direction)</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Turning</td>
<td>21</td>
<td>20</td>
<td>-1</td>
</tr>
<tr>
<td>Parked Vehicle</td>
<td>11</td>
<td>32</td>
<td>21</td>
</tr>
<tr>
<td>Rear-End</td>
<td>55</td>
<td>34</td>
<td>-21</td>
</tr>
<tr>
<td>Other</td>
<td>5</td>
<td>2</td>
<td>-3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>140</strong></td>
<td><strong>115</strong></td>
<td><strong>-25</strong></td>
</tr>
<tr>
<td><strong>INJURIES</strong></td>
<td><strong>27</strong></td>
<td><strong>11</strong></td>
<td><strong>-16</strong></td>
</tr>
</tbody>
</table>
Chicago & Sheridan Bike Lanes
Need

12,000 - 18,000
VEHICLES PER DAY

10,000
PEDESTRIANS PER DAY AT CHICAGO/SHERIDAN INTERSECTION

1,500
STUDENTS PER DAY BOARD THE NW SHUTTLE ALONG SHERIDAN RD.

1,000
CYCLISTS PER DAY AT CHICAGO/SHERIDAN INTERSECTION

200
PEOPLE PER DAY BOARD CTA ALONG SHERIDAN RD.
Need

212 TOTAL CRASHES BETWEEN 2007-2012
122 CRASHES OCCURRED AT SIGNALIZED INTERSECTIONS
171 CRASHES INVOLVED A MOTORIST
20 CRASHES INVOLVED A PEDESTRIAN
15 CRASHES INVOLVED A CYCLIST
6 INVOLVED A BUS

INCAPACITATING INJURIES

40% INVOLVED A MOTOR VEHICLE
60% INVOLVED PEDESTRIANS OR CYCLISTS

PEDESTRIANS & CYCLISTS ARE THE MOST VULNERABLE
 COMMUNITY INVOLVEMENT

MAY 29, 2014  1ST Steering Committee Meeting
JUNE 3, 2014  1st Ward Meeting
JULY 10, 2014  2ND Steering Committee Meeting
JULY 14, 2014  A&PW Presentation
JULY 19, 2014  Corridor Bike Ride
JULY 19, 2014  Public Information Meeting
AUG. 4, 2014  3RD Steering Committee Meeting
AUG. 28, 2014  7TH Ward Meeting
SEPT. 10, 2014  4TH & 9TH Ward Meeting
SEPT. 11, 2014  2ND Ward Meeting
SEPT. 17, 2014  Northwestern Student Government Assoc.
SEPT. 18, 2014  5TH Ward Meeting
APR. 23, 2015  4TH Steering Committee Meeting
CHICAGO AVENUE
PROTECTED BIKE LANE

PROTECTED BIKE LANES: Protected bike lanes are physically separated from traffic and the sidewalk.

BEND-OUTS: The bike lane bends out from the intersection creating a safer environment for cyclists and pedestrians. Drivers turn 90° to face the bike lane and crosswalk, making cyclists and pedestrians more visible and out of the driver’s blind spot.

DAMSTREET: Southbound cyclists approaching Davis Street need to follow the bike turn signal to travel to the west side of Chicago Avenue to continue southbound. Pavement markings through the intersection assist with this movement.

WHEN RIDING THE BUS:
- Look both ways before getting on or off the bus.
- Never stand in the street or sit on the curb when the bus approaches.

WHEN DRIVING:
- Do not park or drive in the protected bike lane.
- Look both ways before turning.
- Do not block the bike lane.
- Be aware of cyclists coming from both directions.

WHEN BIKING:
- Yield to pedestrians and bus riders.
- Watch for turning vehicles.
- Ride single file in the bike lane.
- Use caution when exiting the bike lane.
- Obey bike traffic signals.

WHEN WALKING:
- Do not walk in the bike lane, use the sidewalks.
- Use caution when crossing the bike lane.
- Do not be distracted by electronic devices.
- Use marked crosswalks to cross the street.

Northwestern
City of Evanston
Chicago/Sheridan Project Receives Excellence Award

Transportation improvement project recognized by Chicago Metro APWA

By CBBEL, Patch Contributor | Apr 3, 2019 2:59 pm ET
Takeaways

1. Involve Key Stakeholders
2. Go to the People
3. Follow up if Project Delayed
4. Engage with Graphics
5. Share Data to Tell Success Story
Next Steps

1. Formalize Public Outreach
2. Engage Stakeholders Outside of Projects
3. Implement Temporary Pilot Projects
4. Collect and Share Performance Measures
5. Tell Data Stories