PEDESTRIAN AUDIT: ½ MILE SEGMENT ANALYSIS

Location: Delaney Avenue North to Al Coith Park
Date: July 17, 2011  By John Chenoweth & Cheryl Mall

1. Pedestrian Facilities (High): presence of a suitable walking surface, such as a sidewalk or path.
   1 No permanent facilities; pedestrians walk in roadway or on dirt path
   2
   3
   4 There is continuous sidewalk on both sides of the road for most of the segment.
   5 Continuous sidewalks on both sides of road.

2. Pedestrian Conflicts (High): potential for conflict with motor vehicle traffic due to driveway and loading dock crossings, speed and volume of traffic, large intersections, low pedestrian visibility.
   1 High conflict potential
   2
   3
   4
   5 There are some driveways that cut the sidewalk, but they are all to residential, single-family homes. Traffic volume is moderate during rush hour and low during off-peak times and weekends. There is only one large intersection. Pedestrians are visible.

3. Crosswalks (High): presence and visibility of crosswalks on roads intersecting the segment. Traffic signals meet pedestrian needs with separate ‘walk’ lights that provide sufficient crossing time.
   1 Crosswalks not present despite major intersections
   2
   3
   4 There is one major intersection on this walk (located where Delaney Ave. intersects Briercliff Dr.). It has a traffic signal and separate “walk” lights that provide sufficient crossing time. All other intersections are at lightly traveled roads.
   5 No intersections, or crosswalks clearly marked

4. Maintenance (Medium): cracking, buckling, overgrown vegetation, standing water, etc. on or near walking path. Does not include temporary deficiencies likely to soon be resolved (e.g. tall grass).
   1 Major or frequent problems
   2
   3
   4
   5 The sidewalks are in good condition for the full length of this segment.
5. **Buffer (Medium):** space separating path from adjacent roadway.
   1. No buffer from roadway
   2. There is some buffer along the length of this segment, but it varies in width and is less than 4 feet for about half of the walk.
   3. > 4 feet from roadway
   4. Not adjacent to roadway

6. **Aesthetics (Medium):** includes proximity of construction zones, fences, buildings, noise pollution, quality of landscaping, and pedestrian-oriented features, such as benches and water fountains.
   1. Uninviting
   2. 
   3. 
   4. 
   5. Most of this walk is quite enjoyable. It starts in the midst of an older residential neighborhood with mature landscaping and restored older homes. It passes by Delaney Park before it reaches Al Coith Park. Benches are placed close to the sidewalk in Al Coith Park.

7. **Shade (Medium):** amount of shade, accounting for different times of day.
   1. No shade
   2. 
   3. 
   4. 
   5. Most of the segment is well-shaded.

Sum of High importance (1-3): \[13 \times 4 = 52\]
Sum of Medium importance (4-7): \[17 \times 2 = 34\]

**Total Score:** 86
Observations
1. What is the most dangerous location along this segment?

The most dangerous location is the intersection at Briercliff Dr. While it’s well-marked and has adequate pedestrian crossing signals, it does present the greatest chance for accidents along the route.

2. What is the most unpleasant and pleasant element of this segment?

There isn’t one part of this walk that would be unpleasant; however, the walk becomes even nicer closer to the park than where it starts out at the intersection of Woodland St. and Delaney Ave.

3. What improvements would make this segment more appropriate for pedestrian use?

Adding sidewalks where they are missing, adding more street trees, and increasing the buffer between the sidewalk and the road in places where it is less than 4 feet wide would make this segment more appropriate for pedestrian use.

The Route: