

# PEDESTRIAN AUDIT: ½ MILE SEGMENT ANALYSIS

Location: Einstein Bros Bagels at 2817 Edgewater Dr, Orlando, FL to Princeton Park

Date: July 21, 2011 By John Chenoweth

**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 Sidewalk on one side of road; minor discontinuities that present no real obstacle to passage

4

**5 Continuous sidewalks on both sides of road, or completely away from roads**



**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

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**4 Many driveways, but only 1 road crossing that had a stop sign.**

5 Low conflict potential



**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

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3

**4 Crosswalks and crossing signals do exist. There are no marked cross walks in the residential neighborhood, but all intersections do have stop signs.**

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

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**4 Several areas are raised due to tree growth and this could present a hazard to joggers, and walkers at night.**

5 No problems. Smooth sidewalks with evidence of recent repairs.



**5. Buffer (Medium):** space separating path from adjacent roadway.

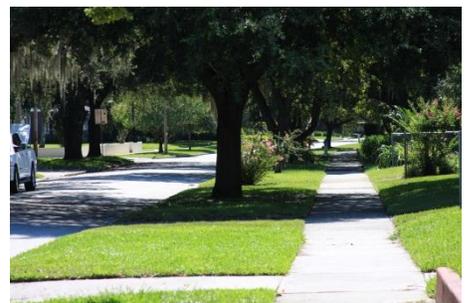
1 No buffer from roadway

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**5 Along Edgewater Drive the sidewalk is buffered by parallel parking. There is a 12 foot buffers between the sidewalk and the street during the residential segment.**



**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** The first part of the walk along Edgewater Drive goes takes pedestrians past some businesses. Some of the sidewalks are narrow and difficult to walk side by side. The segment through the College Park residential neighborhood is quiet and peaceful, but lacks items to keep the attention of pedestrians

4

5 Pleasant



**7. Shade (Medium):** amount of shade, accounting for different times of day.

1 No shade

2

3

4

**5** Full shade: The street is well shaded for most of the walk.



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 crossing the business parking lot entrance after turning on to Rugby Street. While observing traffic entering the parking lot, drivers appear distracted looking for parking spaces and talking on the phone. Drivers do not appear to be aware of the sidewalk or pedestrian traffic.

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

Walking past a few shops and boutiques along Edgewater drive was a pleasant experience and shows what planners should incorporate into a mixed use area. The section of the walk through the residential neighborhood became monotonous with little to look at and a repetition of single family houses.

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

1. Adding pedestrian warnings for motorists entering the business is a needed change.
2. Incorporate more mixed use residential and retail along Edgewater.

## The Route:

