

PEDESTRIAN AUDIT: ½ MILE SEGEMENT ANALYSIS

Point of origin must be at least ½ mile from other Pedestrian Audits

Dartmouth Park

Segment 2: ½ Mile Segment Location: New Hampshire Rd - from Dartmouth Park to Rio Grande Drive

Date: July 11, 2011

PROVIDE PHOTO FOR EACH ITEM TO VERIFY, TURN IN AS PDF

- 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 sidewalk on both sides of road, or completely away from roads

Score = 5, A few streets that were redeveloped in the 1960s-1980s may have missing sidewalk segments or sidewalks on only one-side of the street. However, the entire segment chosen for this exercise had well-maintained four foot wide sidewalks with few pedestrian conflicts on both sides of the street.



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 Low conflict potential

Score = 4, Very few conflict points exist but sometimes cars will park across sidewalks that bisect the driveways. This, however, is beyond the design controls of the city and can only be enforced through fines.



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

5 No intersections, or crosswalks clearly marked

Score = 4, Crosswalks are provided across streets that are proximate to the park. However, few crosswalks are provided along the ½ mile segment chosen for this exercise. Since this is a residential neighborhood with slow moving traffic and four-way stops, crosswalks may not be necessary.



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 No problems

Score = 5, the sidewalks along this segment were in excellent condition with level surfaces and very little cracking or buckling.



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

1 No buffer from roadway

2

3

4 >4 feet from roadway

5 Not adjacent to roadway

Score = 4, A grass and canopy tree-lined buffer that is approximately 10 feet wide exists between the sidewalk and street.



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 Pleasant

Score = 4, this 1/2 mile segment consists of single-family residential. The single-family homes along this segment often have large front porches and pleasant landscaped front yards oriented towards the sidewalks which provides for a pleasant walking atmosphere.



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

- 1 No shade
- 2
- 3
- 4
- 5 Full shade

Score = 5, The sidewalks along this segment are lined with a mature shade tree canopy providing protection from the hot Florida summer sun.



Sum of High Importance (1-3): $5+4+4 = 13 \times 40 = 52$

Sum of Medium Importance (4-7): $5+4+4+5 = 18 \times 20 = 36$

Total Score: $52 + 36 = 88$

Observations

- 1 What is the most dangerous location along this segment? *The most dangerous location at this segment is any location where a vehicle is parked in a driveway that is blocking a sidewalk. This forces pedestrians out into the street. Due to the slow moving traffic in this neighborhood it may not be much of an issue but would be in higher speed, higher volume traffic lanes in other locations.*
- 2 What is the most unpleasant and pleasant element of this segment? *The most unpleasant element of this segment is the lack of any neighborhood convenient stores deeper within the single-family residential area. The most pleasant element of this segment is the large/mature shade tree canopy and nicely kept houses/landscaping. This is a quiet and pleasant segment to walk and there was a lot of pedestrian activity. A wide range of age groups were observed along this segment.*
- 3 What improvements would make this segment more appropriate for pedestrian use? *A neighborhood convenient store located within the residential area would provide greater pedestrian access to goods such as a COLD bottle of water in July! Adaptive reuse to an existing single-family corner-lot home may be ideal with limited parking provided.*