

# Walkability Audit – Scores and Comments

Lacey, Tumwater, and Olympia, WA

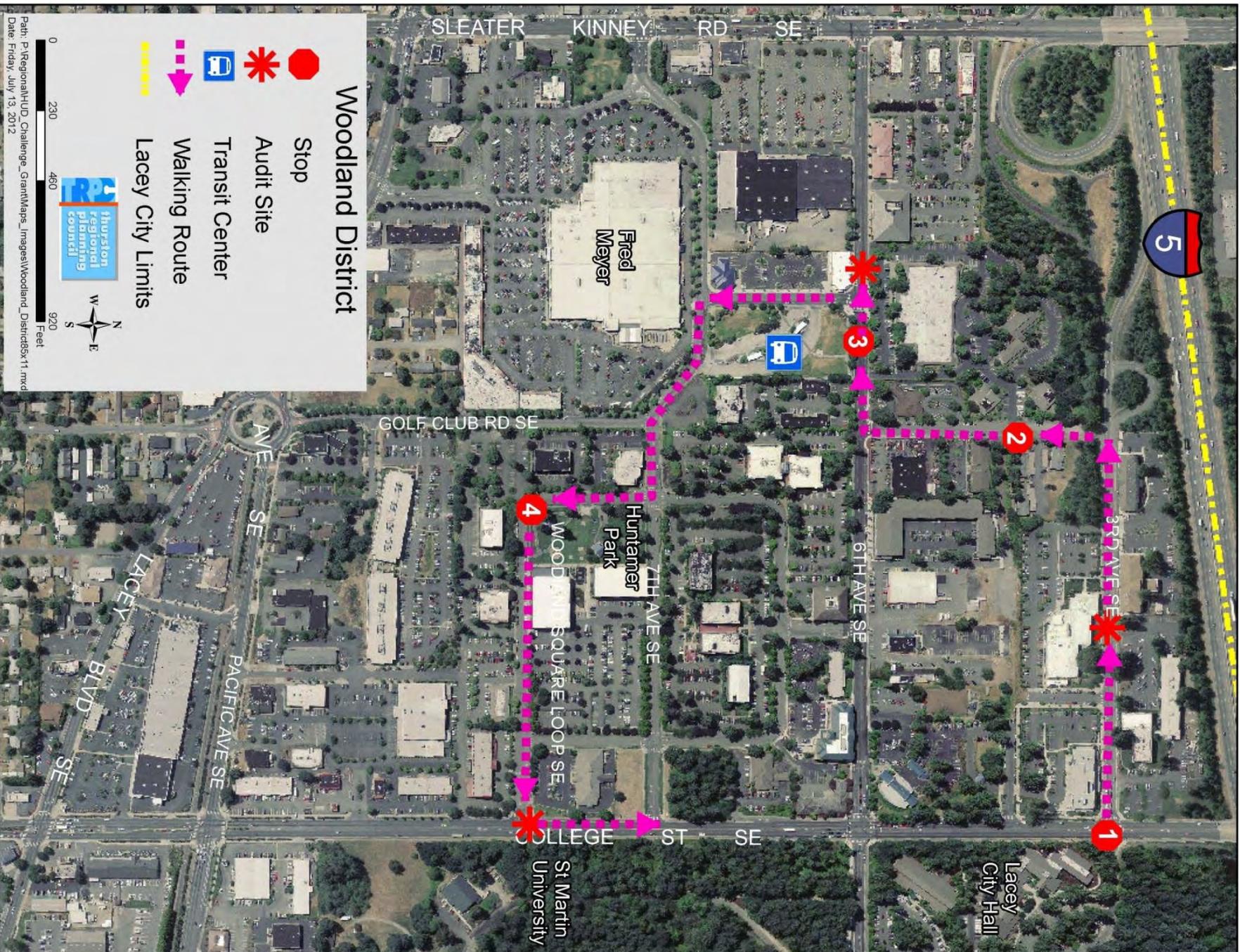
September 2012



The U.S. Environmental Protection Agency (EPA) provided technical assistance to Thurston Regional Planning Commission (TRPC) to conduct a walkability audit in the cities of Lacey, Olympia and Tumwater. This occurred on Saturday, August 11, 2012. The day-long event began with a presentation on what makes streets great and training on the use of a walkability audit survey tool. This tool assisted the participants to document the existing conditions along the audit route and record their impressions about aspects of the built environment that are important for walkability.

The walkability audit focused on the theme of *'access to transit'* in three key locations along the Capitol Boulevard – Martin Way Corridor. As the former US Highway 99 it served as the major route linking Lacey, Olympia, and Tumwater before the construction of Interstate 5. The selected walkability audit locations were: Lacey – Woodland Square District; Tumwater – Brewery District/ Tumwater Square; and Olympia – Martin Way District. (See attached maps)

In all six sites were selected for walkability audit scoring. Three sites were in Lacey, two in Tumwater, and one in Olympia. At the end of the field trip, the scoring sheets were collected from the participants with their scores and comments summarized on the following pages.



**Location:** Lacey - Woodland Square District

**Block:** 3rd Avenue - west of College Street

Category	Score	Average										
1A Crosswalk Markings	7	6	6	7	7	4	---	6	3	---	1	5.2
1B Crossing Width	8	6	9	7	7	7	---	4	---	---	1	6.1
2A Sidewalk Width	7	8	9	8	6	8	7	8	8	7	10	7.8
2B Sidewalk Surface	10	8	6	5	7	5	7	7	6	6	8	6.8
2C Sidewalk Maintenance	10	9	7	7	9	6	9	8	8	8	10	8.3
3A Buffer to Street	8	4	6	5	7	8	8	2	4	8	8	6.2
3B Buffer to Parking Lot	8	---	9	8	7	9	9	4	8	---	10	8.0
4 Driveways	8	---	9	7	7	9	---	6	9	8	7	7.8
5 Shade	8	8	9	7	7	9	7	7	---	7	8	7.7
6 ADA Ramps	8	8	7	6	8	9	---	7	---	6	---	7.4
<b>Total Average:</b>												<b>7.1</b>

**Location:** Lacey - Woodland Square District **Block:** 3rd Avenue - west of College Street

Category	Comments
<b>1A Crosswalk Markings</b>	Worn but visible, Only at signal, No crosswalk at *, Need sidewalk on side, Need more crossings, At college- good pedestrian signal, OK, No crosswalks
<b>1B Crossing Width</b>	Matches ramp width, No N/S crossing where hotels, Brick reissue crosswalks, No crosswalk at *, narrow, east/west crossings good but nothing crossing to north side, OK
<b>2A Sidewalk Width</b>	~10' with three planters, no sidewalk on their side of street, didn't have sidewalks on one side, New 10', No sidewalks on north side of street, OK, Good on one side- props need to develop
<b>2B Sidewalk Surface</b>	Standard concrete with stamped concrete at three wells, A little patchy w/ concrete slabs/trees/grates interrupting flow, Scabbed on, Brick areas are rough for scooters & walkers, where they are-good width, tree grate hazard on south side, OK
<b>2C Sidewalk Maintenance</b>	Sidewalk condition is good. Some tact grates are heaving, Tree & tree grate danger, Good, OK
<b>3A Buffer to Street</b>	Small street trees nice, Street tree well, No planter strip- ( which is ok), Poor- road is freeway-needs landscape crossing to break speed & provide interest, Street trees
<b>3B Buffer to Parking Lot</b>	Nice to save large tree in lot, Nice landscape between building & street, Good tree cluster but no sidewalk, "Nice but sterile-needs destination, Buildings between streets
<b>4 Driveways</b>	None near *, Easy access to street
<b>5 Shade</b>	Good tree coverage, Good really nice alder trees in spots, Street trees will crow create shade over time
<b>6 ADA Ramps</b>	None, OK on south side (but not directional ramps), Many vehicles going much faster than speed limit coming off I-5 ramp

**Location:** Lacey - Woodland Square District

**Block:** 6th Avenue - near Golf Club Place

<b>Category</b>	<b>Score</b>	<b>Average</b>									
<b>1A Crosswalk Markings</b>	5	3	6	2	8	1	6	5	---	3	<b>4.3</b>
<b>1B Crossing Width</b>	5	---	4	2	7	8	9	5	5	1	<b>5.1</b>
<b>2A Sidewalk Width</b>	4	3	4	5	5	8	5	3	4	5	<b>4.6</b>
<b>2B Sidewalk Surface</b>	5	5	6	4	10	6	8	5	9	5	<b>6.3</b>
<b>2C Sidewalk Maintenance</b>	7	7	6	2	10	6	9	5	9	7	<b>6.8</b>
<b>3A Buffer to Street</b>	3	7	1	4	5	9	5	3	---	1	<b>4.2</b>
<b>3B Buffer to Parking Lot</b>	5	---	4	4	5	9	6	8	---	6	<b>5.9</b>
<b>4 Driveways</b>	7	3	5	2	7	9	---	---	---	5	<b>5.4</b>
<b>5 Shade</b>	5	---	3	4	7	9	8	8	---	7	<b>6.4</b>
<b>6 ADA Ramps</b>	7	8	---	4	7	9	9	6	---	---	<b>7.1</b>
<b>Total Average:</b>											<b>5.6</b>

**Location:** Lacey - Woodland Square District **Block:** 6th Avenue - near Golf Club Place

Category	Comments
<b>1A Crosswalk Markings</b>	Too far apart, no N/S markings @ Golf club, None along gold- future connections will need it, no crosswalk across 6th, None, Need re-painting, Good in places-could use more, Good & wide, None here to the east or west a walk to crosswalk
<b>1B Crossing Width</b>	Narrow, Bulb out, Nice, No marked midblock crossing at Bulb-out at cross street
<b>2A Sidewalk Width</b>	Narrow, Old 5' sidewalk, Too narrow! Variable along streets- need consistency, Minimal ped-oriented destinations - Dr. Offices, etc., Sidewalks too narrow, Too narrow on the west for parking of 6th
<b>2B Sidewalk Surface</b>	Exposed aggregate surface, mixture of materials, okay, North side of 6th not comfortable
<b>2C Sidewalk Maintenance</b>	Broken/root damaged pieces unmarked, okay here, Sidewalk broken-strip sterile
<b>3A Buffer to Street</b>	Parking separate's sidewalk from street, limited- different on each side- Noisy!, Limited bike facilities- wide shoulder on 1 side, only 1 bike rack-small, Only half a block long on N., Streets need to be narrowed
<b>3B Buffer to Parking Lot</b>	Rather have buildings at street, limited, Bushes overhang narrow walk, pretty good, Building site landscaping
<b>4 Driveways</b>	Sidewalk slopes to driveway, A lot! None, Okay, Old style- Slanted
<b>5 Shade</b>	Good, on the south the trees are great
<b>6 ADA Ramps</b>	Need a park & ride lot here, Bus 50 doesn't run late enough in evening

**Location:** Lacey - Woodland Square District

**Block:** College Street - at Woodland Square Loop

<b>Category</b>	<b>Score</b>	<b>Average</b>								
<b>1A Crosswalk Markings</b>	7	---	---	4	5	1	8	5	---	<b>5.0</b>
<b>1B Crossing Width</b>	8	---	1	4	5	7	9	3	---	<b>5.3</b>
<b>2A Sidewalk Width</b>	8	---	6	6	5	6	6	7	4	<b>6.0</b>
<b>2B Sidewalk Surface</b>	8	7	7	6	8	8	9	8	5	<b>7.3</b>
<b>2C Sidewalk Maintenance</b>	9	9	10	6	8	8	9	8	7	<b>8.2</b>
<b>3A Buffer to Street</b>	3	5	6	4	5	6	3	3	2	<b>4.1</b>
<b>3B Buffer to Parking Lot</b>	9	---	5	4	6	9	9	7	---	<b>7.0</b>
<b>4 Driveways</b>	6	---	6	6	6	8	3	5	---	<b>5.7</b>
<b>5 Shade</b>	8	---	5	5	6	7	4	7	3	<b>5.6</b>
<b>6 ADA Ramps</b>	9	8	5	5	8	7	9	7	2	<b>6.7</b>
<b>Total Average:</b>										<b>6.1</b>

**Location:** Lacey - Woodland Square District

**Block:** College Street - at Woodland Square Loop

Category	Comments
<b>1A Crosswalk Markings</b>	Far between not enough, no e/w crosswalk good N/S, Need more crosswalks on college, Minimal- need more crossing options, Needs paint, Okay where exit. College is a barrio, Ltd. Ability for cross College 4 St. Martins especially
<b>1B Crossing Width</b>	Far between not enough, no e/w crosswalk good N/S, College awful, W/ traffic, angled crossing, mid-block crossing helpful, Dangerous to cross, College is a problem- no pedestrian island, Ltd. Access to Commerce & Transit, Needs tamed brick crosswalk, Horrible pedestrian along college- impossible to cross
<b>2A Sidewalk Width</b>	No e/w crosswalk good N/S, Need more multimodal facilities, Small sidewalks, Not bad, good at most, Bridge vs. [at grade] crossing, Power pole intrudes into sidewalk
<b>2B Sidewalk Surface</b>	Standard concrete finish, Good, Buildings too far back from sidewalks
<b>2C Sidewalk Maintenance</b>	Uplifted SW have been ground, Good, Good sidewalk maintenance, trees drip sap, needs seating on sidewalks at intervals
<b>3A Buffer to Street</b>	2' to 5' grass strip, Speedy, noisy traffic minimal bike facility, Too narrow, Works-not very good in my area
<b>3B Buffer to Parking Lot</b>	Good buffer generally-1st at parking -1
<b>4 Driveways</b>	Spaced out enough to reduce interruptions, Too steep side-slope for scooters & walkers, Ok- lots of them
<b>5 Shade</b>	Unbalanced on each side, Generally ok
<b>6 ADA Ramps</b>	No bus stop close enough to City Hall, Okay

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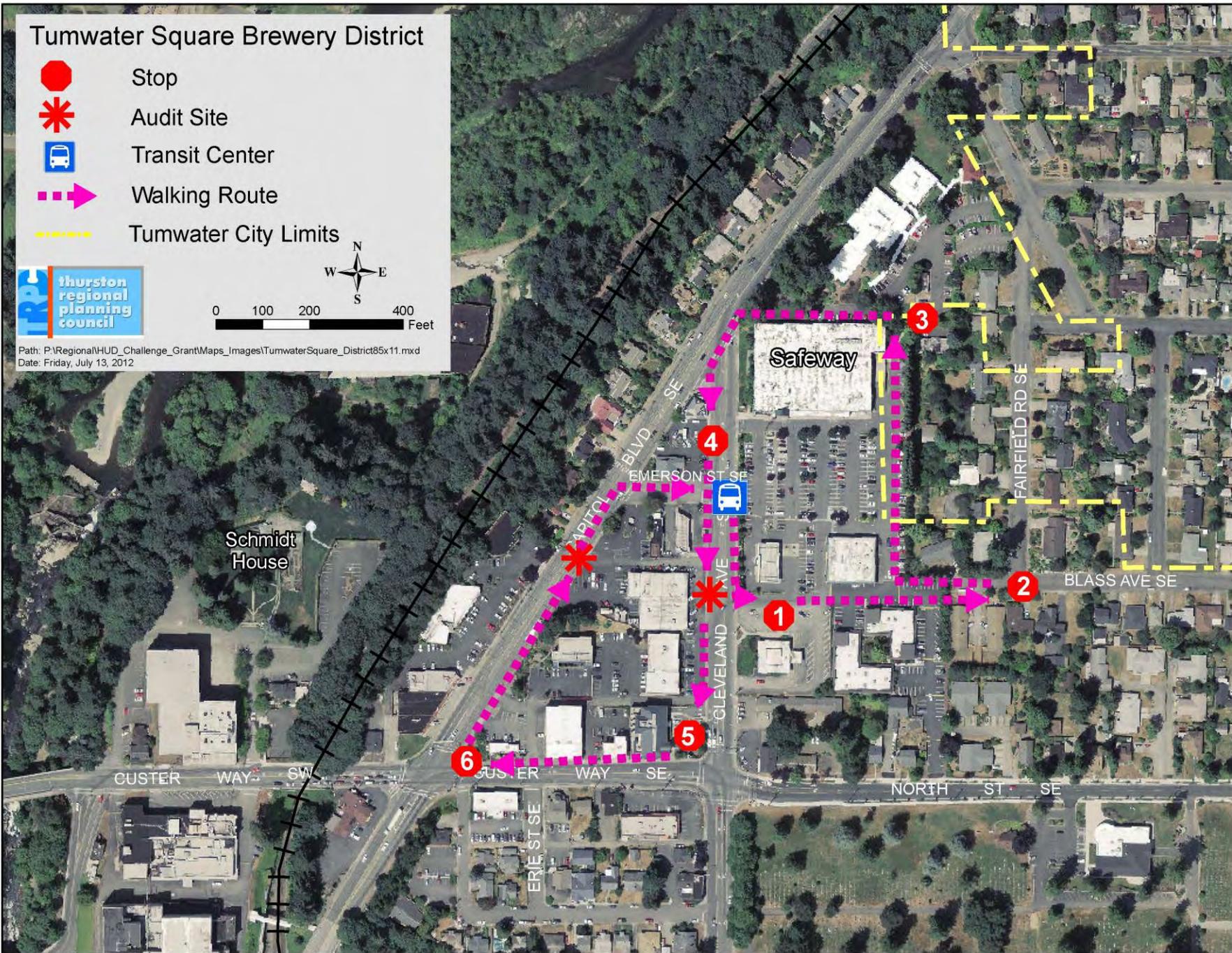
# Tumwater Square Brewery District

-  Stop
-  Audit Site
-  Transit Center
-  Walking Route
-  Tumwater City Limits



0 100 200 400 Feet

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Date: Friday, July 13, 2012



**Location:** *Tumwater - Tumwater Square*

**Block:** *Cleveland Avenue*

<b>Category</b>	<b>Score</b>	<b>Average</b>								
<b>1A Crosswalk Markings</b>	4	5	3	4	9	3	2	4	3	<b>4.1</b>
<b>1B Crossing Width</b>	3	3	2	4	6	5	2	4	3	<b>3.6</b>
<b>2A Sidewalk Width</b>	3	3	1	6	6	5	2	3	6	<b>3.9</b>
<b>2B Sidewalk Surface</b>	5	4	1	7	7	6	2	7	3	<b>4.7</b>
<b>2C Sidewalk Maintenance</b>	6	6	1	7	8	6	2	7	4	<b>5.2</b>
<b>3A Buffer to Street</b>	3	3	1	6	3	4	1	3	2	<b>2.9</b>
<b>3B Buffer to Parking Lot</b>	2	3	1	6	5	8	3	4	2	<b>3.8</b>
<b>4 Driveways</b>	2	3	4	5	6	2	1	3	1	<b>3.0</b>
<b>5 Shade</b>	5	3	2	5	4	6	1	5	1	<b>3.6</b>
<b>6 ADA Ramps</b>	2	3	2	3	7	2	1	2	2	<b>2.7</b>
<b>Total Average:</b>										<b>3.7</b>

**Location:** *Tumwater - Tumwater Square*

**Block:** *Cleveland Avenue*

<b>Category</b>	<b>Comments</b>
<b>1A Crosswalk Markings</b>	Needs help, Simple markings-sight limitations, Crosswalks not well marked had line of sight issue, Street crossings have them, Not many & not very clear, Should be wider mid-block
<b>1B Crossing Width</b>	Needs help, Too narrow/ too long, many are not wide enough, Not that wide, One mid-block- needs better crossing awareness/ lights
<b>2A Sidewalk Width</b>	Needs help, Too narrow/ missing @ points, Too narrow, Could be wider, Too small by transit transfer stops, Tumwater needs bike lane
<b>2B Sidewalk Surface</b>	Needs help, Variety of surface-incomplete, Okay
<b>2C Sidewalk Maintenance</b>	Needs help, Needs a lot of maintenance! Okay, Capitol & Cleveland should be landscaped, Custer needs landscape between buildings & street and sidewalk,
<b>3A Buffer to Street</b>	Needs help, NONE- Limited @ bus stop, Not much but pretty low, Must be round-about at Capital & Custer! Great potential!
<b>3B Buffer to Parking Lot</b>	Needs help, NONE- Limited @ bus stop, Good - could've designated, Capitol way too wide, Limited on eastside, none on west side, Sidewalk drop-off to parking lot on Cleveland- power pole in sidewalk no protection along Cleveland-needs buffer
<b>4 Driveways</b>	Needs help, Narrow/ not well marked, Not pedestrian friendly, Very wide on south end of lot, Old style slopes @ Safeway
<b>5 Shade</b>	Needs help, very limited, Not a lot of shade, Okay, Very little on Cleveland
<b>6 ADA Ramps</b>	Needs help, Unmarked- substandard @ Cleveland / Capital / curb edge / curb cuts limited / Substandard. Not compliant

**Location:** *Tumwater - Tumwater Square*

**Block:** *Capitol Boulevard*

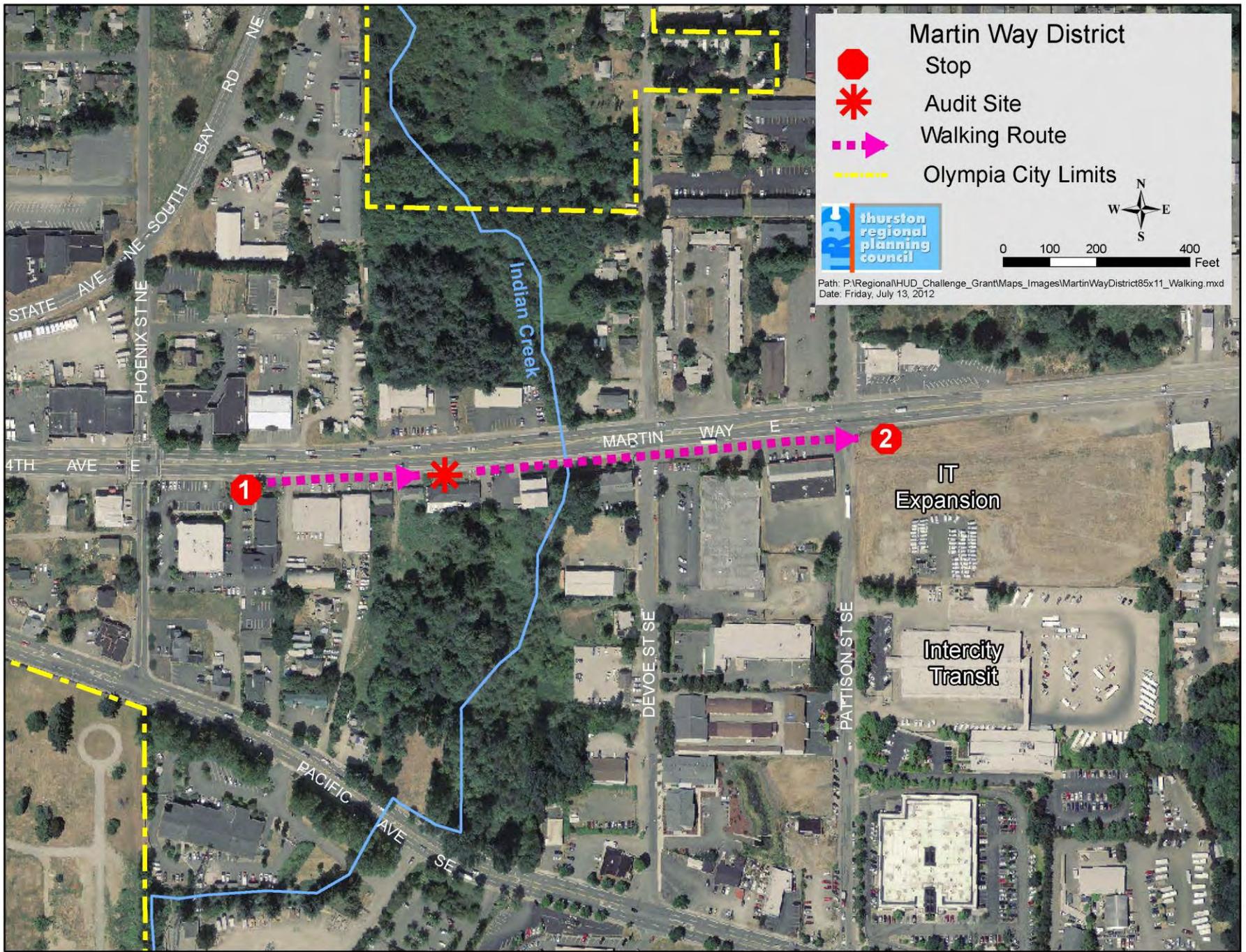
<b>Category</b>	<b>Score</b>	<b>Average</b>								
<b>1A Crosswalk Markings</b>	3	3	2	6	9	5	2	4	6	<b>4.4</b>
<b>1B Crossing Width</b>	3	3	2	5	9	2	2	5	4	<b>3.9</b>
<b>2A Sidewalk Width</b>	3	2	2	5	5	3	2	6	5	<b>3.7</b>
<b>2B Sidewalk Surface</b>	2	3	2	7	6	5	2	6	7	<b>4.4</b>
<b>2C Sidewalk Maintenance</b>	2	3	---	7	8	6	2	6	5	<b>4.9</b>
<b>3A Buffer to Street</b>	3	3	3	5	3	---	1	5	2	<b>3.1</b>
<b>3B Buffer to Parking Lot</b>	2	3	1	5	1	2	2	4	2	<b>2.4</b>
<b>4 Driveways</b>	4	5	4	6	6	2	2	3	2	<b>3.8</b>
<b>5 Shade</b>	4	3	5	7	5	8	4	6	5	<b>5.2</b>
<b>6 ADA Ramps</b>	1	3	2	6	7	3	1	4	3	<b>3.3</b>
<b>Total Average:</b>										<b>3.9</b>

**Location:** *Tumwater - Tumwater Square*

**Block:** *Capitol Boulevard*

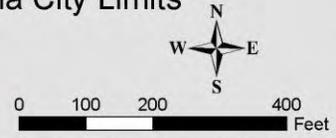
<b>Category</b>	<b>Comments</b>
<b>1A Crosswalk Markings</b>	None- far between, Limited & basic-not very visual to drivers, However long saving between crossings, okay need more, Confluence of Hi traffic routes -brewery near by
<b>1B Crossing Width</b>	None- far between, Basic width - too long for level of traffic/use, Too complicated, Narrow crosswalks, Very wide with lots of opportunities to improve, Corners @ Cleveland/Capitol worn away
<b>2A Sidewalk Width</b>	Narrow, Open sidewalk to encourage circulation, Too small, 4'-5', Generally minimal, Capitol Blvd/ Carpenter way near brewery, Not much pedestrian use currently, No sidewalk on west side Capitol near Custer intersection,
<b>2B Sidewalk Surface</b>	Cobbled- mixed surface, No sidewalk here & south sound center, Okay
<b>2C Sidewalk Maintenance</b>	Minimal, Okay in general, Could be driven by Brewery redevelop depending on what happens unknown @ this time, Needs landscape- Sidewalk in front of stores (South Sound Running etc.) Useless. Bring out & put plantings
<b>3A Buffer to Street</b>	Ineffective, Refocus thru traffic, Variety of uses to draw activity beyond grocery to buy, Minimize road lane width- calm traffic, Grass strip, Fairly bare-trees on backside of sidewalk
<b>3B Buffer to Parking Lot</b>	Minimal to none, None, Poor on capitol could be much better, No buffers
<b>4 Driveways</b>	Frequent- interruptions to pedestrian traffic, Internal Circulation w/ Cleveland -parking treatment to keep people out of cars, Close proximity, Lots & open, Older style- Lacks ADA Slope
<b>5 Shade</b>	OK, Varies but adequate, Limited
<b>6 ADA Ramps</b>	Missing in most areas, Limited @ Cleveland/Cap Blvd

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### Martin Way District

-  Stop
-  Audit Site
-  Walking Route
-  Olympia City Limits



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Date: Friday, July 13, 2012

1

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2

IT Expansion

Intercity Transit

**Location:** Olympia - Martin Way District

**Block:** Martin Way - near Devoe Street

Category	Score	Average										
1A Crosswalk Markings	2	2	7	2	6	1	4	5	---	2	1	3.2
1B Crossing Width	5	2	1	1	7	---	3	4	2	2	6	3.3
2A Sidewalk Width	---	3	1	7	4	---	5	5	1	4	7	4.1
2B Sidewalk Surface	3	6	1	5	5	---	6	3	1	4	6	4.0
2C Sidewalk Maintenance	5	---	1	6	5	---	6	---	1	4	3	3.9
3A Buffer to Street	5	1	1	6	1	---	4	3	1	2	2	2.6
3B Buffer to Parking Lot	2	1	1	6	2	---	4	---	1	2	1	2.2
4 Driveways	2	---	1	3	2	---	6	3	1	4	2	2.7
5 Shade	2	---	1	2	3	---	4	1	1	3	2	2.1
6 ADA Ramps	1	1	1	4	---	---	4	---	1	1	---	1.9
<b>Total Average:</b>												<b>3.0</b>

**Location:** Olympia - Martin Way District

**Block:** Martin Way - near Devoe Street

Category	Comments
<b>1A Crosswalk Markings</b>	Very few crosswalks/ 5+ people crossing without a crosswalk, not many places to cross, Will only be affected w/ major redevelopment, Nonexistent, Only at signals, Few markings esp. in middle stretch, The few crossings are moderately marked, Not many x walks, none/ far between, high volume fast traffic very few crosswalks
<b>1B Crossing Width</b>	Wide street, Need island/ refuge (4 or 5 lanes wide), Wetlands etc., very wide w/ no islands left turns, 120' Row, Too far to cross, Crossing @ light ok w/ signal mid-street no signal needs visibility improvements, Curb cuts & too narrow
<b>2A Sidewalk Width</b>	Narrow- non-existent wide parking areas, Where sidewalk exists, needs everything, Not a bad sidewalk on most, Too narrow/ unprotected for roadway type, Sufficient where present given road speed, Non-existent in certain areas, where available, width is consistent, Not consistent
<b>2B Sidewalk Surface</b>	Uneven- fair, Spotty, Fair condition, need separated sidewalks, Needs to be consistent missing sections, OK, reasonably good, Lots of driveway cuts
<b>2C Sidewalk Maintenance</b>	Fair, Minimal, Poor, For what is there...
<b>3A Buffer to Street</b>	Renovating the -holly motel & bowling alley, Retro freeway signs- Historic Pres. could add appeal and preserve character of the freeway, Need shaded buffer between traffic & pedestrians, Okay due to wide bike lane, Old, None-needed, None- does not feel safe, Bike lane buffer- traffic fast and noisy, Little to none, width provides some buffer
<b>3B Buffer to Parking Lot</b>	Parking lots back to the road which is very busy, Parking needs to be separate from pedestrian walk way, Varies-mostly okay, None-needed, None, Missing in most areas, Parking & sidewalk the same!
<b>4 Driveways</b>	Lots of them, Open but need definition, Frequent, lots of ingress/egress, Too many, Shallow entrances to parking -Cars come in fast!
<b>5 Shade</b>	None, No street trees- wide open, None, Little, Very minimal, A little on private property
<b>6 ADA Ramps</b>	Almost n/a, Very few, Are there some? Pedestrian destinations? Not safe