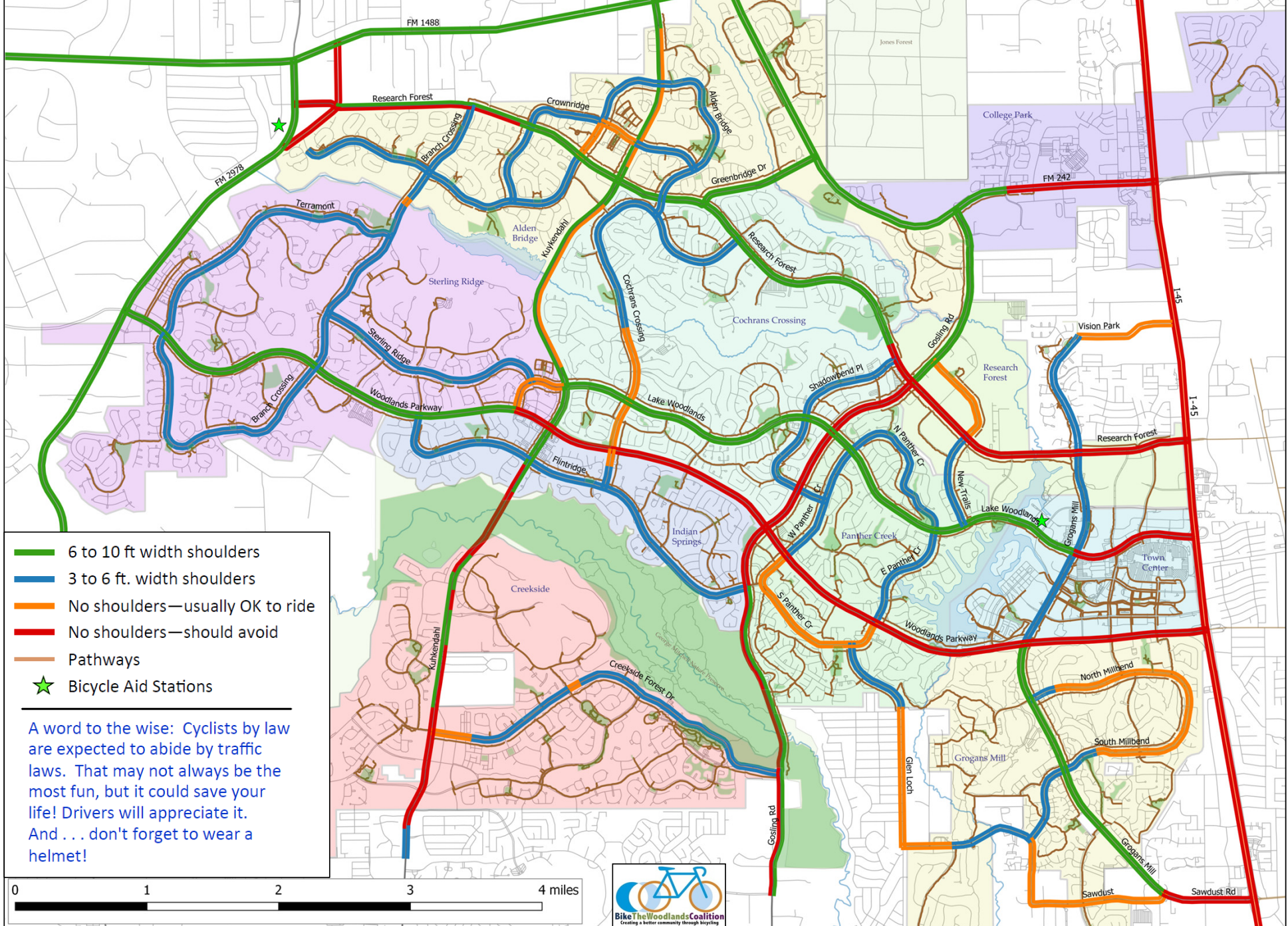


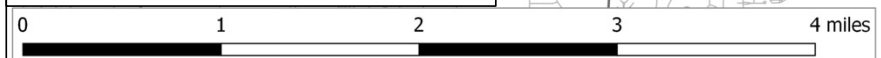
# The Woodlands Road Shoulder Map for Cyclists – March 2017

with The Woodlands pathway system



- 6 to 10 ft width shoulders
- 3 to 6 ft. width shoulders
- No shoulders—usually OK to ride
- No shoulders—should avoid
- Pathways
- ★ Bicycle Aid Stations

A word to the wise: Cyclists by law are expected to abide by traffic laws. That may not always be the most fun, but it could save your life! Drivers will appreciate it. And . . . don't forget to wear a helmet!



**Road Shoulder Hazards  
in The Woodlands – January 2015**

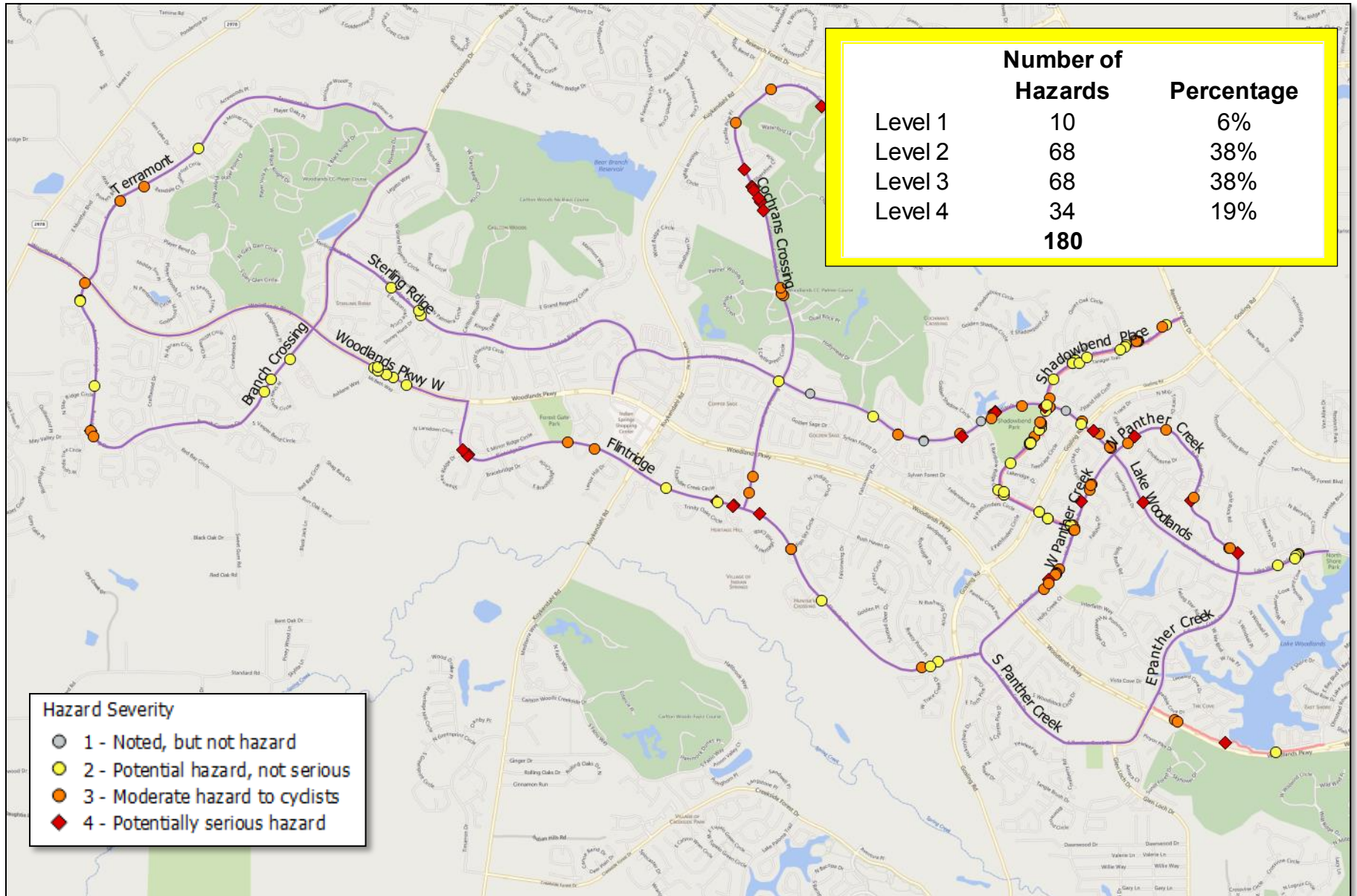
# Definition of hazard types:

1. **Lip:** lip protruding for several feet at least 1 inch above adjacent pavement
2. **Gap:** gap extending for several feet, in which bike tire could fall into
3. **Pothole:** hole that should be filled
4. **Rough area:** excessively rough area the should be fixed
5. **Maintenance:** not a danger to cyclists but something the county might want to be aware of
6. **Other:** items that don't fall into the above

# Severity ratings

- **Level 4** - A serious and immediate danger to cyclists
- **Level 3** - Should be fixed soon; could be a danger
- **Level 2** - Potential hazard to note, but not very serious
- **Level 1** - Not hazard to cyclists, but something that the county might want to be aware of

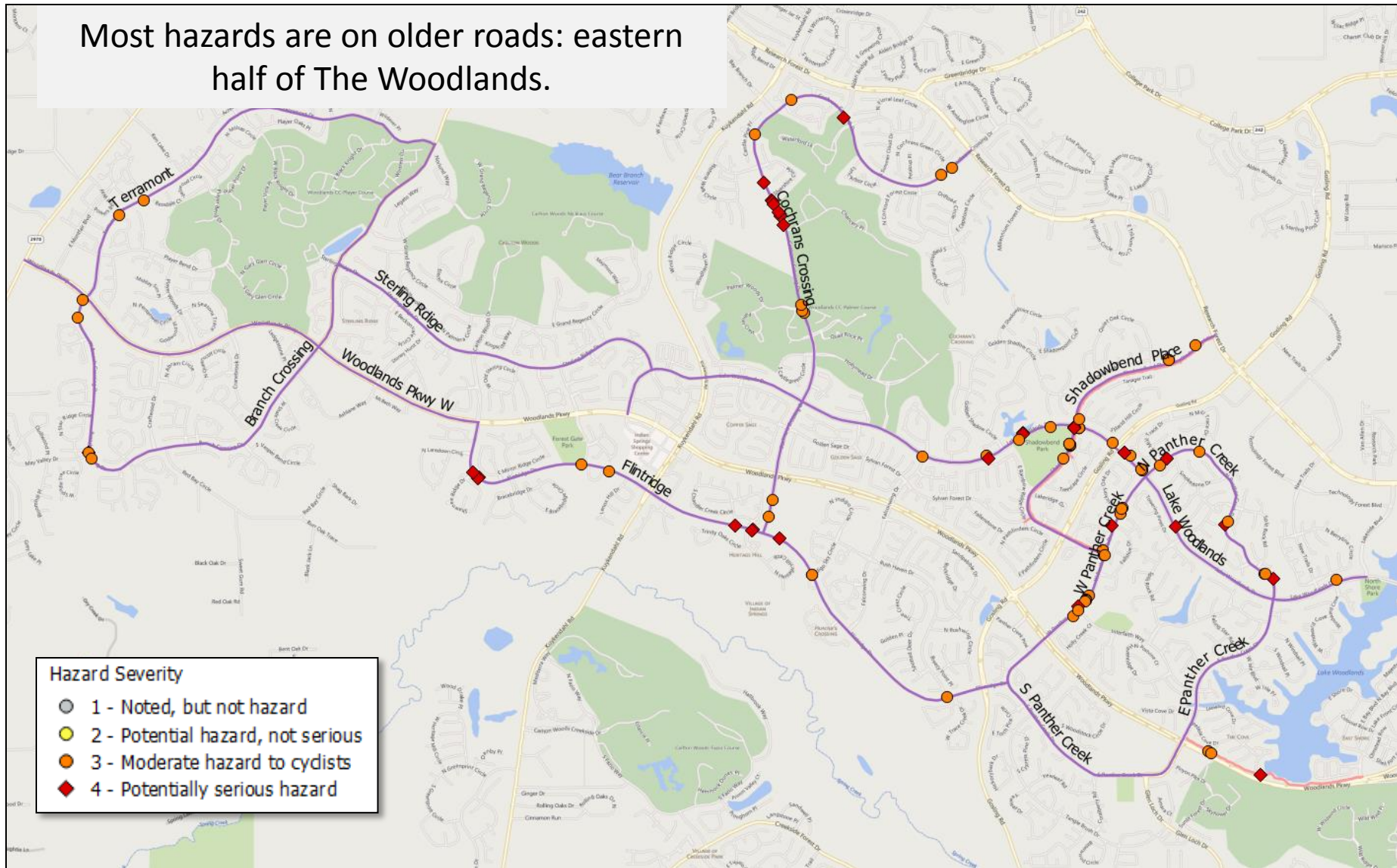
# Road Shoulder Hazards in The Woodlands – January 2015



# Road Shoulder Hazards in The Woodlands – January 2015

## Levels 3 and 4 only

Most hazards are on older roads: eastern half of The Woodlands.



## Hazards by road

	Distance, mi	Hazard level:				Total
		1	2	3	4	
Branch Crossing	3.51	1	5	4	1	11
Cochrans Crossing	3.26		2	9	8	19
Flintridge	3.46		5	5	7	17
Lake Woodlands	6.08	8	7	18	6	39
North Panther Creek	1.25		1	3	4	8
Shadowbend	1.86	1	24	12	6	43
Shadowbend pathway	2.61		12	1		13
Sterling Ridge	1.86		3			3
Terramount	2.31		1	2		3
West Panther Creek	0.98			12	1	13
Woodlands Parkway (West)	2.61		7			7
Woodlands Parkway pathway	0.94		1	2	1	4
	<b>30.73</b>	<b>10</b>	<b>68</b>	<b>68</b>	<b>34</b>	<b>180</b>

Distance is distance surveyed.

- The following slides show some examples.



LW-7  
Lake Woodlands  
Westbound

Hazard type: Pothole  
Severity: 4

Serious pothole



IMG\_0772

LW-15  
Lake Woodlands  
Westbound

Hazard type: Rough area and Pothole  
Severity: 3



IMG\_0780

LW-20  
Lake Woodlands  
Eastbound

Hazard type: Rough area  
Severity: 3

Shoulder deterioration  
leading to narrower-than-  
expected shoulder.



IMG\_0787

Location WP 6  
Woodlands Pkwy  
Eastbound

Hazard Type: Pothole  
Severity: 2

6" wide gouge in the shoulder over 4 feet long which cyclists tire could get stuck in and cause bike to fall. Unlike Flintridge, Shoulder is wider on this stretch of and cyclists are able to ride to the right of the damaged shoulder comfortably if they see the pot hole in time.



IMG\_2041

Location Sh-13  
Shadowbend  
Northbound

Hazard Type: Pothole  
Severity: 4

3.5" drop from road surface to shoulder at  
intersection with LW Photo 1



WP\_20141230\_012

WP\_20141230\_012.jpg

Location Sh-20  
Shadowbend  
Northbound

Hazard Type: Lip  
Severity: 3

Eroded Section from Roadway 1.5" deep-  
Photo 1



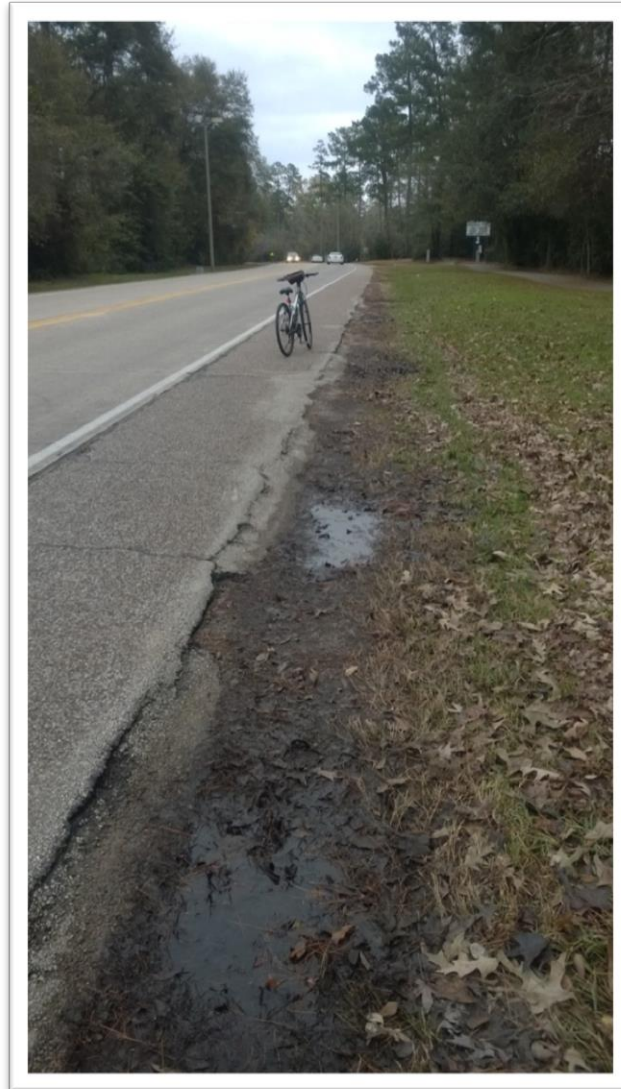
WP\_20141230\_019

WP\_20141230\_019.jpg

Location Sh-22  
Shadowbend  
Northbound

Hazard Type: Maint.  
Severity: 2

Degraded shoulder edge due to car parking  
near Collins Intermediate School



WP\_20141230\_022

Location Sh-27  
Shadowbend  
Southbound

Hazard Type: Other  
Severity: 2

Sewer Structure 1" above shoulder



WP\_20141230\_027

WP\_20141230\_027.jpg



Location Sh-31a  
Shadowbend  
Southbound

Hazard Type: Other  
Severity: 2

Degraded Edge near Intersection with LW



WP\_20141230\_001

WP\_20141230\_001.jpg

Location WPC-3  
West Panther Creek  
Southbound

Hazard Type: Rough area; lip  
Severity: 4

Poorly repaired shoulder over more than 50 feet coupled with gap and 2 inch lip



IMG\_3651

Location WPC-5  
West Panther Creek  
Southbound

Hazard Type: Rough area    Crumbled shoulder with exposed large rocks  
Severity: 3



IMG\_3588

Location WPC-6  
West Panther Creek  
Southbound

Hazard Type: Rough area    Close up of IMG3588 shoulder area  
Severity: 3



IMG\_3589

Location NPC-3  
North Panther Creek  
Northbound

Hazard Type: Gap; Lip  
Severity: 4

Large, deep gap 15 to 20 feet in length



IMG\_3618