

Road Shoulder Hazards along
Woodlands Parkway – January 2015

Hazards on road shoulders, that could pose a risk to cyclists, were identified in January 2015 by volunteers from Bike The Woodlands Coalition.

The interpretation of what constitutes a serious hazard is subjective, and may vary between volunteers.

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

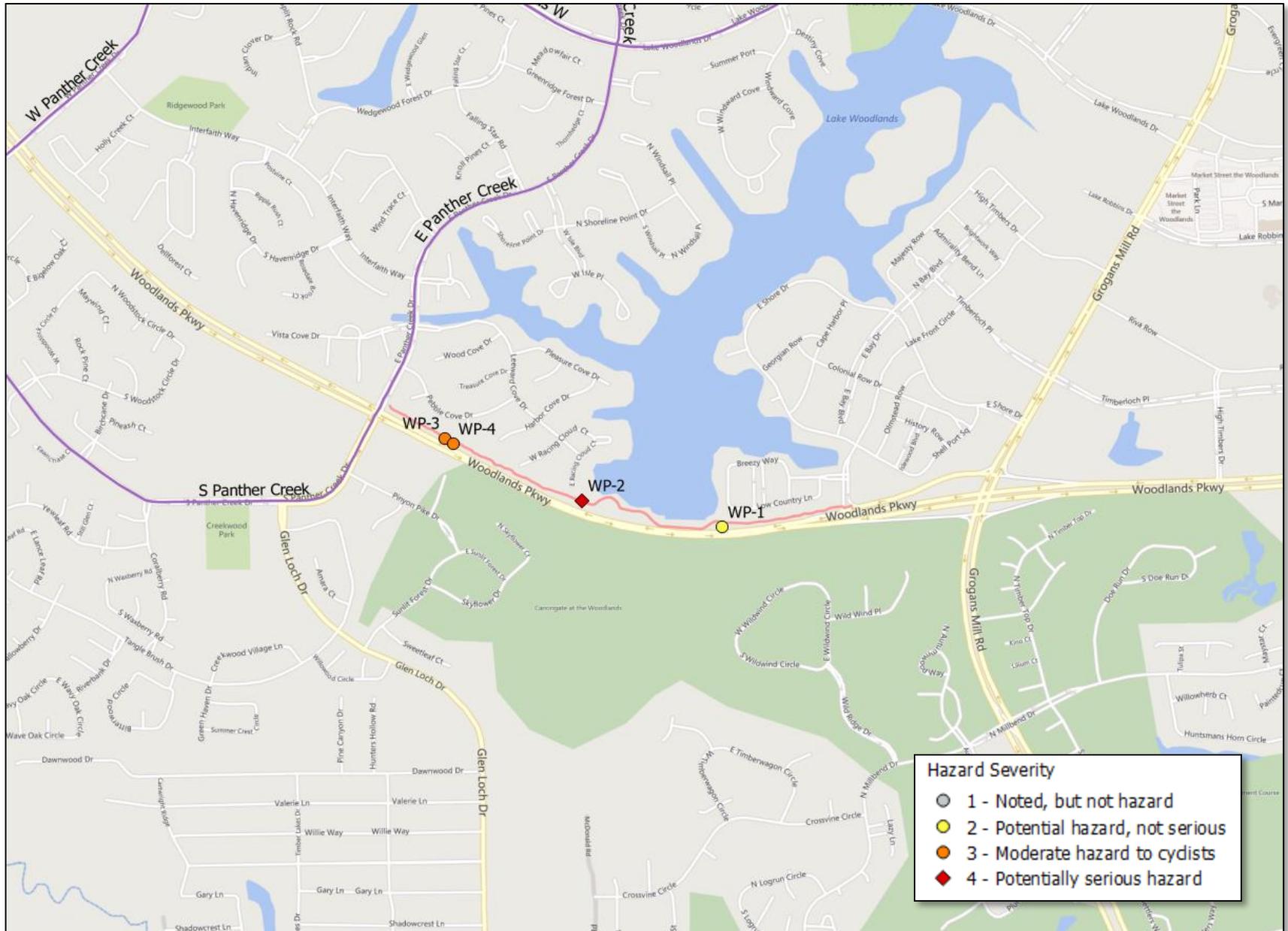
- **Level 4** - A serious and immediate danger to cyclists
- **Level 3** - Should be fixed soon; could be a danger
- **Level 2** - Potential hazard to note, but not very serious
- **Level 1** - Not hazard to cyclists, but something that the county might want to be aware of

Hazards by road

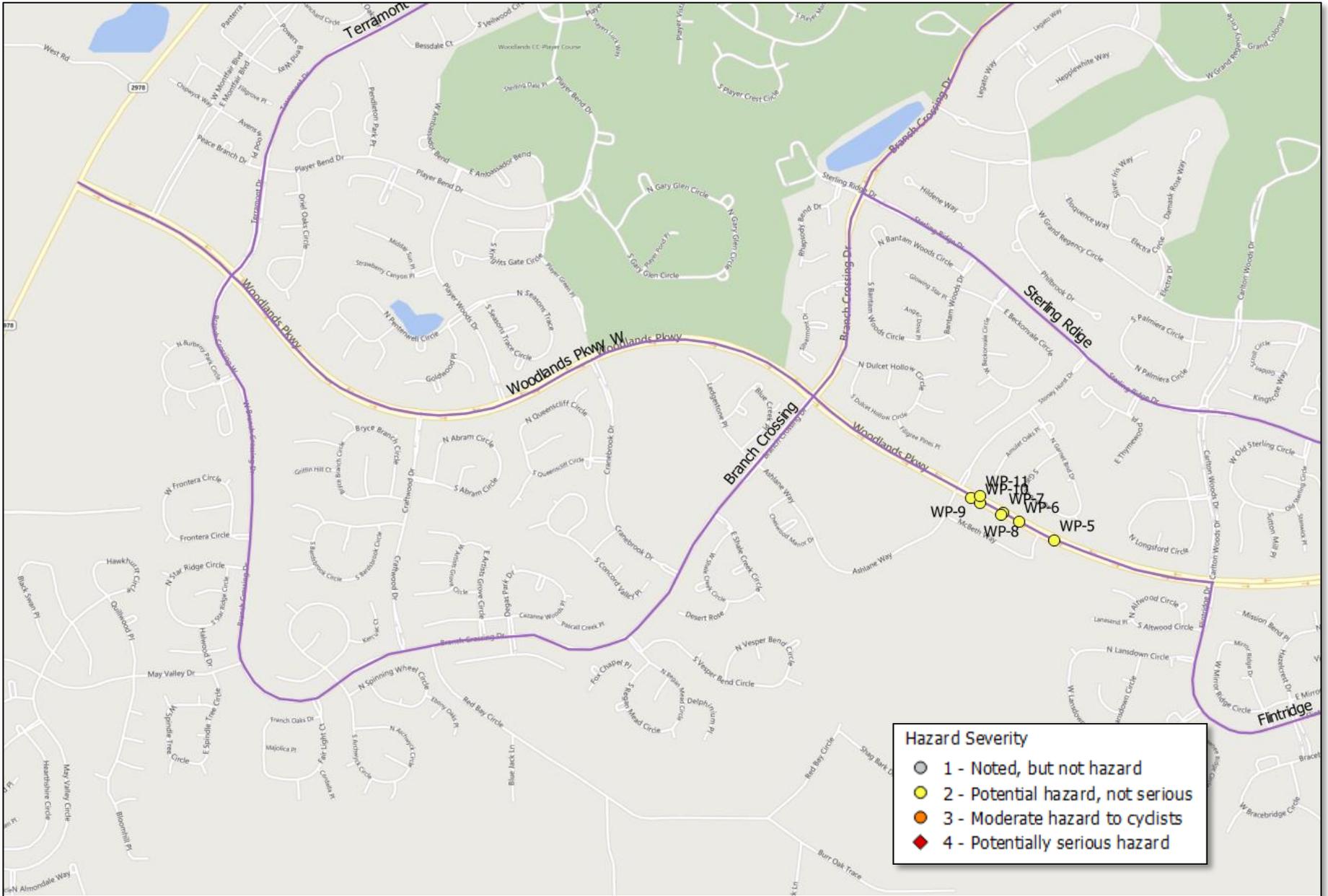
	Distance, mi	Hazard level:				Total
		1	2	3	4	
Branch Crossing	3.51	1	5	4	1	11
Cochrans Crossing	3.26		2	9	8	19
Flintridge	3.46		5	5	7	17
Lake Woodlands	6.08	8	7	18	6	39
North Panther Creek	1.25		1	3	4	8
Shadowbend	1.86	1	24	12	6	43
Shadowbend pathway	2.61		12	1		13
Sterling Ridge	1.86		3			3
Terramount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

Distance is distance surveyed.

Woodlands Parkway Hazard Locations – Pathway (not shoulder)



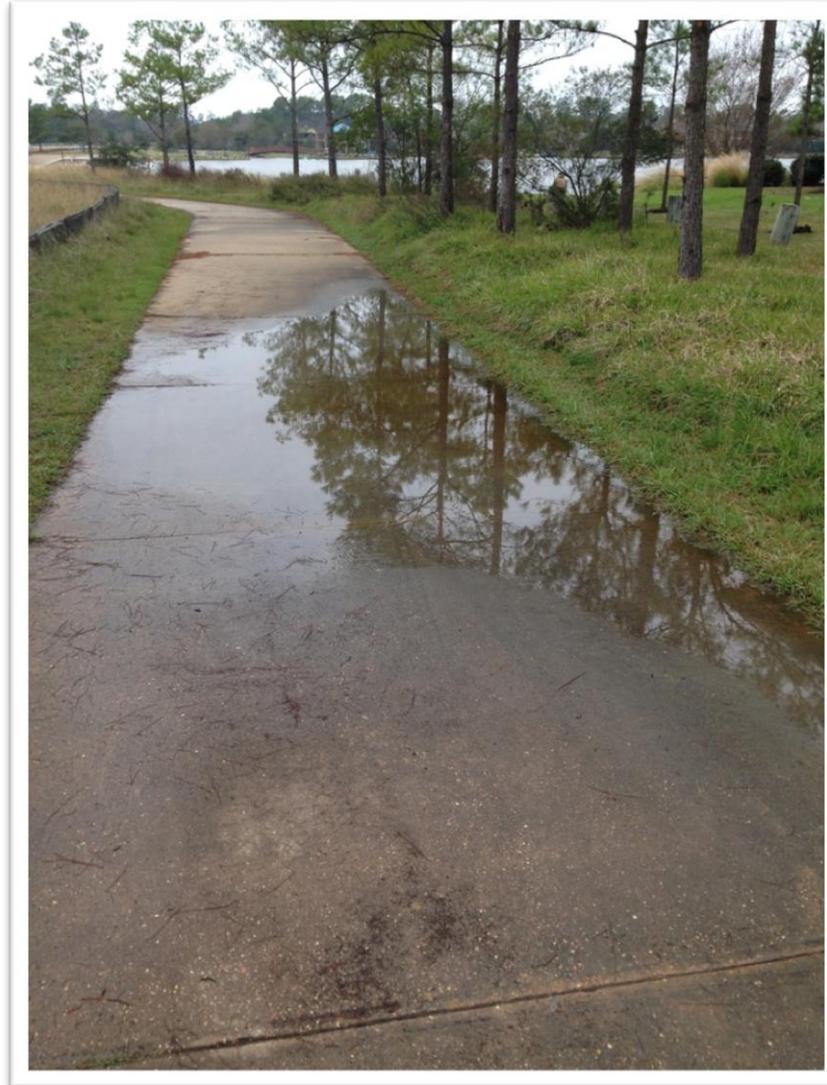
Woodlands Parkway Hazard Locations – Shoulder



Location WP 1
Woodlands Pkwy
Westbound

Hazard Type: Other
Severity: 2

Westbound pathway before bridge....poor
water drainage causes pathway flooding even
two days after rainfall.

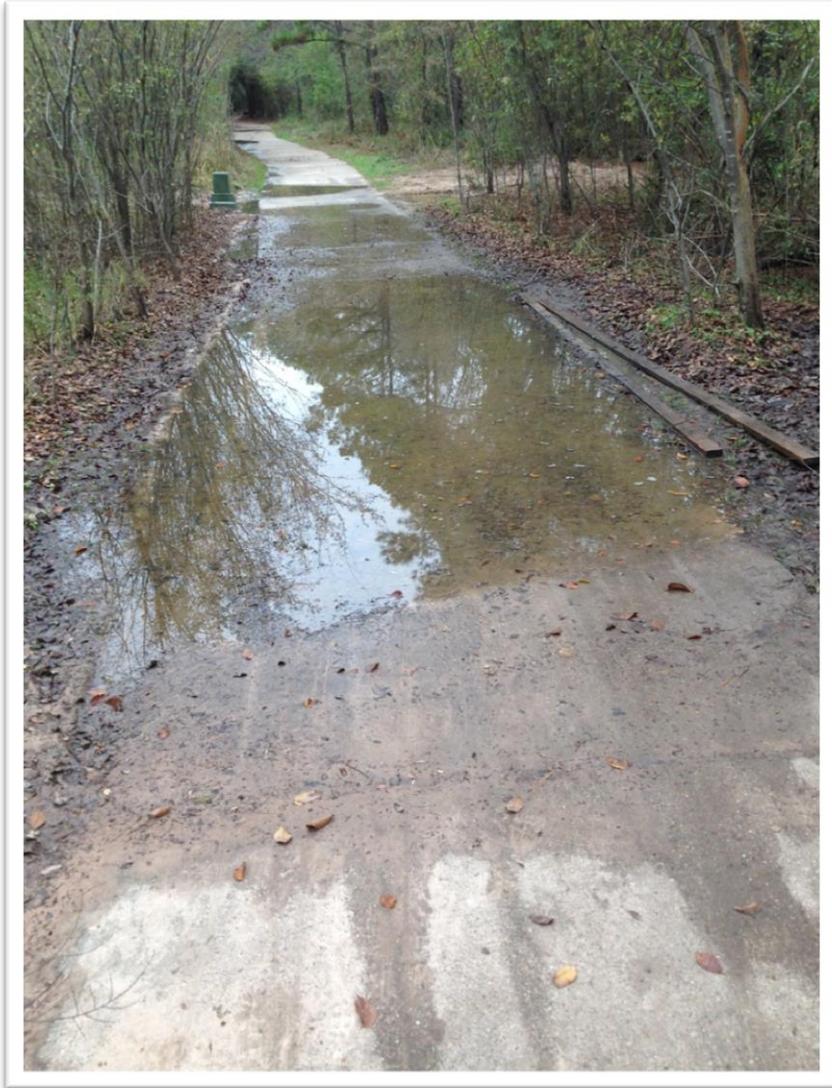


IMG_2015

Location WP 2
Woodlands Pkwy
Westbound

Hazard Type: Other
Severity: 4

Westbound pathway after SouthShore Park...poor water drainage causes pathway flooding (photo taken 2 days after rainfall). The water is 3-4 inches deep with no way around the water. Even a week after the rainfall, the water remains on the pathway. Mud pools on the bottom and this section can be very dangerous for cyclists since it is both deep and slick with mud/water/wet leaves which can cause small bike tires to skid and accidents to occur.



IMG_2017

Location WP 3
Woodlands Pkwy
Westbound

Hazard Type: Other
Severity: 3

Westbound pathway after SouthShore Park...poor water drainage causes pathway flooding (photo taken 2 days after rainfall). The water is not as deep as previous pathway hazard, but this stretch is longer and accumulates mud/wet leaves causing slick conditions for cyclists. There is no way to go around pooled water as it covers the width of the path. This area dries up after about 4-5 days after heavy rainfall.

The next slide is illustrates the same problem in a nearby location.



IMG_2019

Location WP 4
Woodlands Pkwy
Westbound

Hazard Type: Other
Severity: 3



IMG_2020

Location WP 5
Woodlands Pkwy
Eastbound

Hazard Type: Maintenance item
Severity: 2

rough road with pot marks embedded in asphalt which causes indentations on the shoulder and rough pavement.



IMG_2040

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 WP 7
Woodlands Pkwy
Eastbound

Hazard Type: Pothole
Severity: 2

6" wide gouge in the shoulder over 4 feet
long. Same comments as location WP 6.



IMG_2042

Location WP 8
Woodlands Pkwy
Eastbound

Hazard Type: Maintenance item
Severity: 2

rough road with pot marks embedded in asphalt which causes indentations on the shoulder and rough pavement.

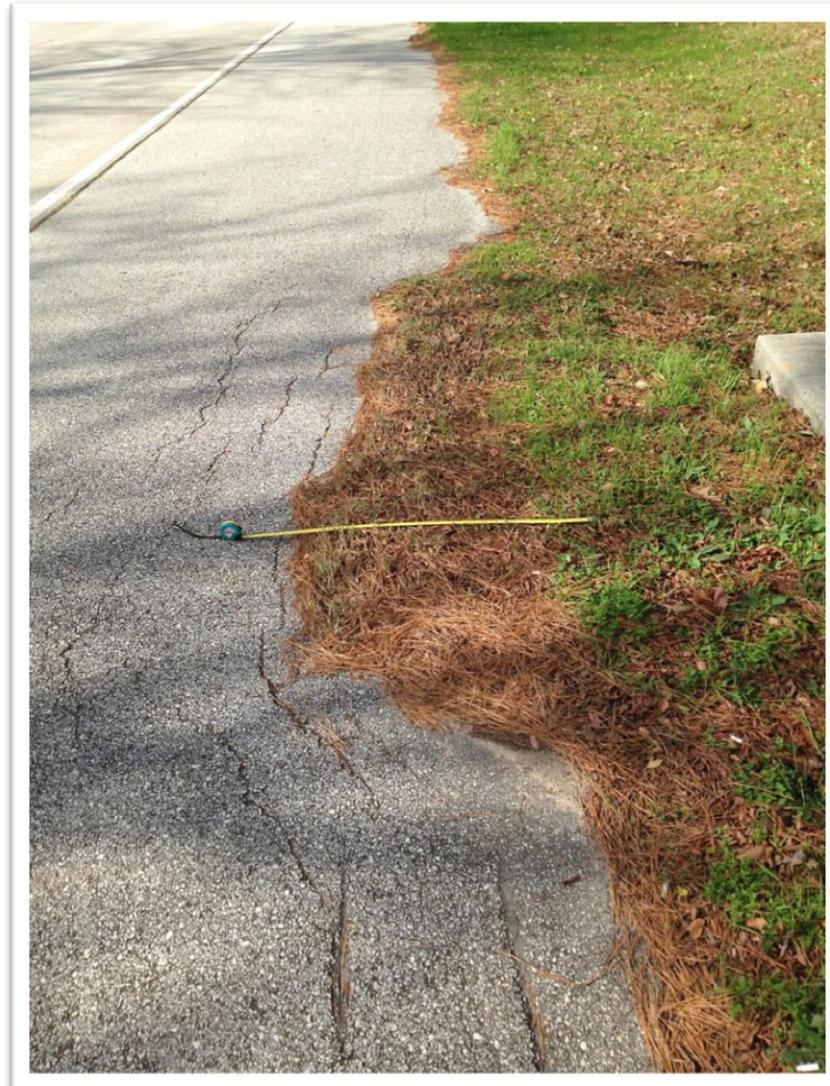


IMG_2044

Location WP 9
Woodlands Pkwy
Eastbound

Hazard Type: Maintenance item
Severity: 2

2 feet of encroaching grass/weeds/sand on
shoulder



IMG_2045

Location WP 10
Woodlands Pkwy
Eastbound

Hazard Type: Pothole
Severity: 2

Gouges in the shoulder over a 3-6 feet area which cyclists tire could get stuck in and cause bike to fall. Unlike Flintridge, Shoulder is wider on this stretch of and the cyclists are able to ride to the left of the damaged shoulder comfortably if they see the gauges in time.



IMG_2047

Location WP 11
Woodlands Pkwy
Eastbound

Hazard Type: Pothole
Severity: 2

Gouges in the shoulder. Same comments as
location WP 10.



IMG_2048