

Green Streets to Inelson, Green
show details 11/11/08 Reply

Larry:

I was wondering if you could tell me if WisDOT plans to indeed field check the bike lane widths to assure that the striping was done according to plan at the intersection of Seminole Hwy and the beltline frontage road. This was mentioned as "worth someone's time" in a recent email exchange that you posted to the bikies listserv. Who should be contacted at WisDOT to assure that this step is taken? Thanks for any information that you have.

-Dar Ward

on behalf of Green Streets

<http://www.greenstreetsmadison.org/>

Nelson, Larry to Anthony, me
show details 11/11/08 Reply

Tony Fernandez checked the plans and they are ok. We shall measure the width in the field but my site visit indicates that we have in excess of 4 feet between the edge of gutter on the right side of the striping. Tony will check out.

Fernandez, Anthony to Larry, me

show details 11/14/08 Reply

Larry,

I measured some of the bike lanes on Seminole Hwy and the south frontage road this morning, and there are some small problems. Note that for bike lanes adjacent to curb I made all measurements from the edge of gutter to the outside curb side) of the bike lane marking. I believe it is standard practice with WisDOT to locate white lane line markings to the left of the theoretical lane location. Also WisDOT's Wisconsin Bicycle Facility Design Handbook (2004)Section 3.4 clearly states that the 4' dimension is a clear dimension between the gutter joint and the outside edge of the marking line. I checked with Mark Winter on City policy, and we normally locate lane lines centered on their theoretical location EXCEPT bike lane markings, which we normally locate to the left of the theoretical line to give the full bike lane clear width to the bikes.

Based on that standard, nearly all the bike lanes are sub-standard, but some by only a couple inches. Here's a summary

South leg, SB lane: 47"

West leg, EB Lane: 45"

West Leg, WB lane: 45"

North leg, SB lane: 46"

North leg, NB lane: 45"

East leg, WB lane: 45"

East leg, EB lane: 46"

South leg,NB south of the RT turn Lane: 48:

South leg,NB adjacent to RT turn Lane: 46" center to center of lines

The biggest problem here by far is the last line. Where the bike lane is between the thru lane and the RTL it should be 5' wide, and this is what is shown on the plans. In this case it is less than 4' even if you

measure center to center of lines.

On the south leg, NB south of the RTL we have the full 48" but it looks like less because there is still a trace of the old lines, which were about 8" further from the curb.

I did not measure things north of the Beltline of for any distance down the frontage roads, but we probably have the same problems. I think we should request that the State's Construction Engineer for this project do a more systematic job than I did of measuring these and get back to us.

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