

## Patrick Hopper

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**From:** Bryan Roberts <BRoberts@PuyallupWA.gov>  
**Sent:** Wednesday, May 8, 2024 2:04 PM  
**To:** jaketraffic@comcast.net  
**Cc:** 'Ken Rody'; Mike Goularte; Patrick Hopper  
**Subject:** RE: 2023.013 - Bradbury Place Townhomes - Traffic Scoping (20-223)

**Categories:** Filed by Newforma

Hi Mark,

For this location, I'd prefer we use a combination of signage and durable pavement markings (thermoplastic) to prevent SBL movements (no c-curb or raised island). If compliance is low after construction, the City can mitigate further. Thanks,

### Bryan Roberts, P.E.

*Traffic Engineer*  
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**From:** jaketraffic@comcast.net <jaketraffic@comcast.net>  
**Sent:** Monday, April 29, 2024 8:55 AM  
**To:** Bryan Roberts <BRoberts@PuyallupWA.gov>  
**Cc:** 'Ken Rody' <kgrody54@gmail.com>; 'Mike Goularte' <Mike.G@contourengineeringllc.com>; 'Patrick Hopper' <Patrick.Hopper@CONTOURENGINEERINGLLC.COM>  
**Subject:** 2023.013 - Bradbury Place Townhomes - Traffic Scoping (20-223)

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Bryan

I received the correspondence you sent to Patrick at Contour Engineering regarding the 5<sup>th</sup> St. SE at 27<sup>th</sup> Ave. SE I/S. This I/S currently allows all turning movements.

A 43-unit TH multifamily project is being proposed off of 5<sup>th</sup> St. E. to the north that would add traffic to the stem of the existing 'T' I/S. Horizontal curvature at the I/S limits the sight lines and calms traffic speeds.

The City identified to the project team concerns regarding the I/S sight lines. I was asked to look into the situation and developed a plan facilitating full access and meeting the critical AASHTO SSD, see attached, criteria for a 25 MPH speed, the posted limit. The City has signed the horizontal curves with 15 MPH advisory speed signage.

The City commented that the SB to EB LT movement does not have adequate ESD per City of Puyallup criteria.

I prepared the attached ¾ access option that allows for LT and RT onto 5<sup>th</sup> St. SE and restricts the 5<sup>th</sup> St. SE SB motorists to RT only. This plan removes the SB to EB LT movement in response to City feedback and meets the ASSHTO sight lines for a 25 MPH speed. Per the City of Puyallup - City Standards Road Revised 03/09/10, 100-18, Table 100-2 Roadway Geometric Design Criteria the City identifies the Design Speed as the posted limit + 10 MPH; at the subject I/S the City has installed advisory speed signs of 15 MPH; 15 MPH + 10 = 25 MPH!

Contact me with any questions.

Thank you

Mark

Mark J Jacobs, PE, PTOE

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