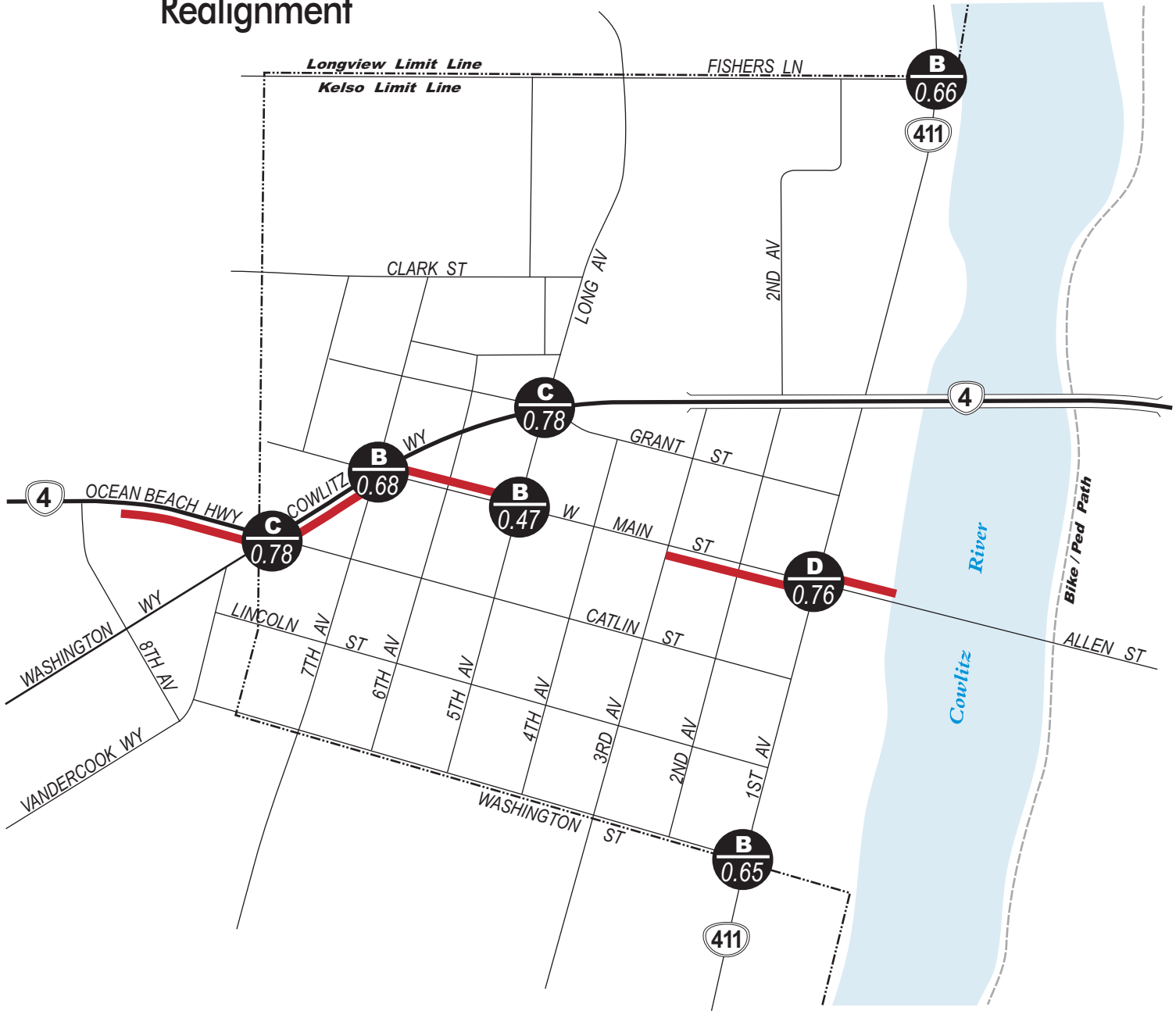


Kelso West Main Street Realignment



QUEUING

At Cowlitz Way (SR 4)/Main Street

- Northbound Cowlitz Way (SR 4) through movement queues extended beyond the adjacent traffic signal at Ocean Beach Highway.
- Westbound Main Street through movement queues extended beyond the adjacent traffic signal at 5th Avenue.

At Main Street/1st Avenue

- Eastbound through movement queue often extended to 3rd Avenue blocking side street access. This occurs approximately every other cycle.
- Westbound through movement queue occasionally blocked the right turn lane. This only occurred approximately three times during the evening peak hour.

SAFETY

Six study intersections had collision rates that are near or higher than the threshold of 1.0 collision per MEV.*

- Cowlitz Way / 5th Avenue / Long Avenue (0.98)
- Cowlitz Way / Ocean Beach Hwy / Washington Way / Catlin Street (1.09)
- 7th Avenue / Catlin Street (2.17)
- 5th Avenue / Catlin Street (1.58)
- 5th Avenue / Main Street (1.75)
- 1st Avenue / Main Street (0.91)

*WSDOT, collision data January 2006 through December 2008

LEGEND

- - Study Intersection Number
- - Queuing Problems
- D** - Level of Service
- 00.0** - Volume to Capacity Ratio

DKS Associates
TRANSPORTATION SOLUTIONS



**EXISTING SIGNALIZED
INTERSECTION OPERATIONS
PM PEAK HOUR**