

Item: 10A

Date: 2/21/24

Traffic Impacts of the Fishing Wars Memorial Bridge Closure

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Port of Tacoma Commission Meeting

Date: February 21, 2024

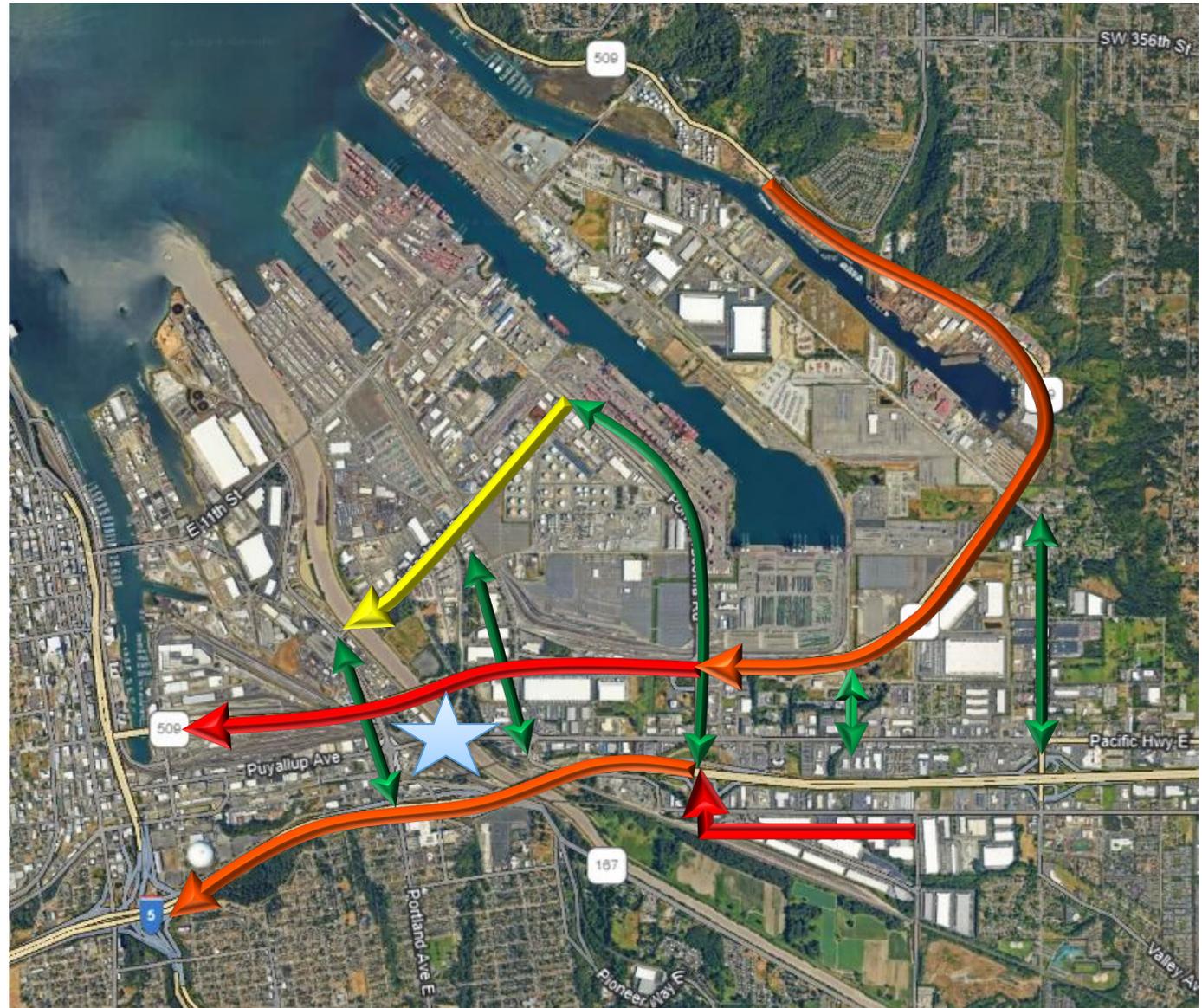


- The Federal Highways Administration ordered Fishing Wars Memorial Bridge to close on October 20, 2023.
- Staff procured data to assess the traffic impacts in the Tideflats using vehicle speed as a proxy for congestion for one month before and after the bridge closure.
- Monitoring the bridge replacement and advocating for projects to alleviate congestion affecting the Tideflats area support implementation of the Port's Strategic Plan.

TA-1	TA-2
Support infrastructure projects that increase Port freight mobility, prioritizing the SR 167 Gateway Project, and the Port of Tacoma Road/I-5 interchange.	Advocate for the transportation infrastructure and system management needs of Port-related businesses in the Tideflats and Pierce County.

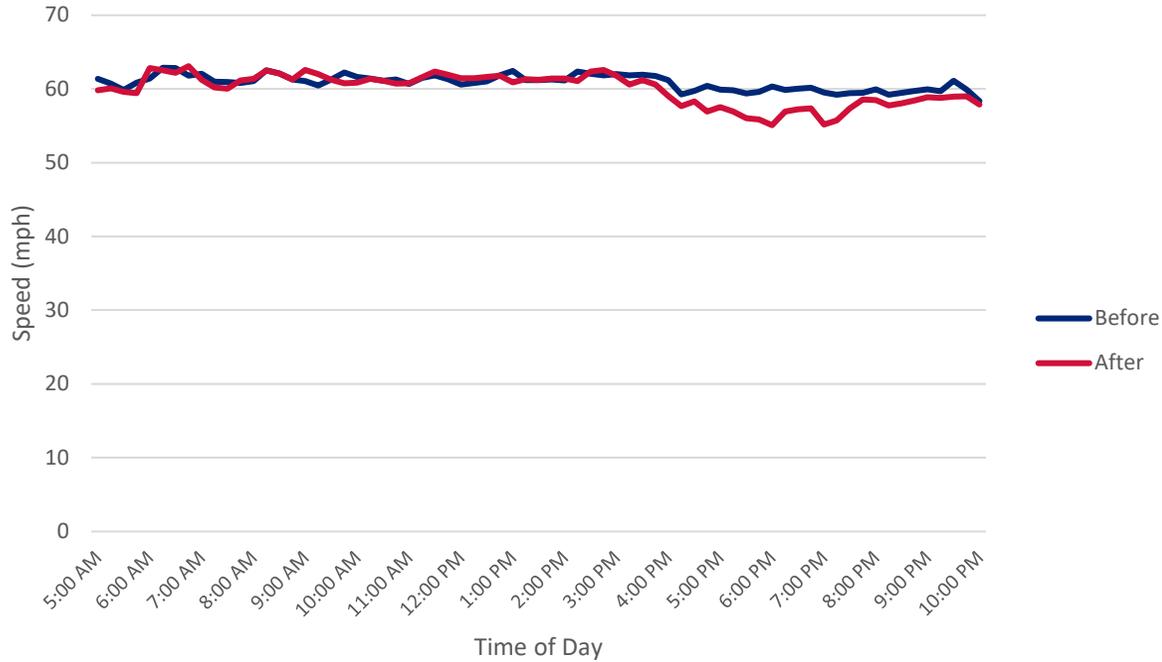
Bridge Closure – Before and After Study

- Greatest average reduction in vehicle speed (red and orange) is during the PM Peak on:
 - SR 509 (Southbound)
 - Port of Tacoma Rd
 - I-5 (Southbound)
- Moderate reduction (yellow) in average vehicle speed on Lincoln Ave (Westbound) during the PM Peak.
- Other studied corridors showed no change in average vehicle speeds (green).
- Data is from the company Inrix and is based on cell phone, truck fleet and similar information. The data was collected Tuesday through Thursday.

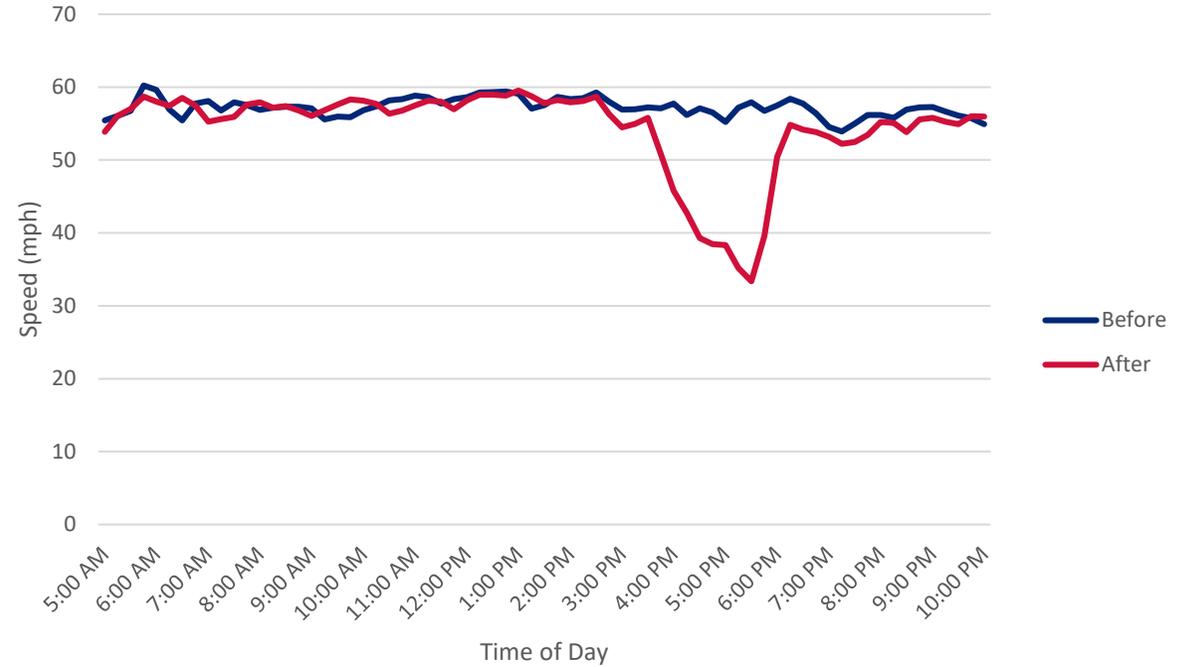


SR 509 (Port of Tacoma Road to I-705)

Northbound



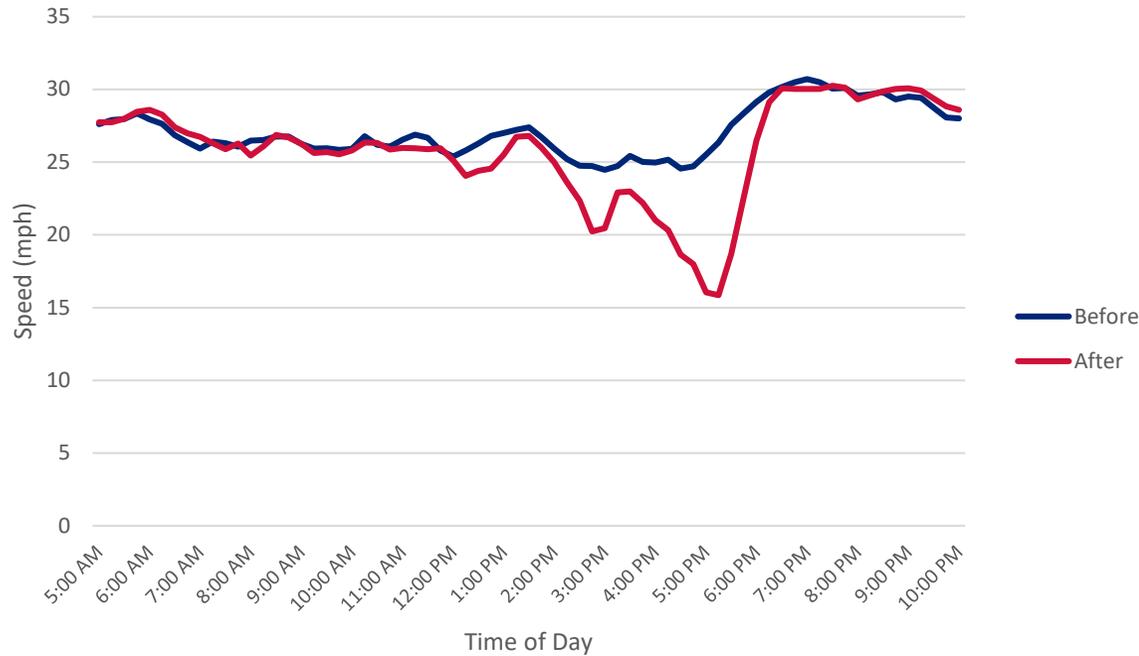
Southbound



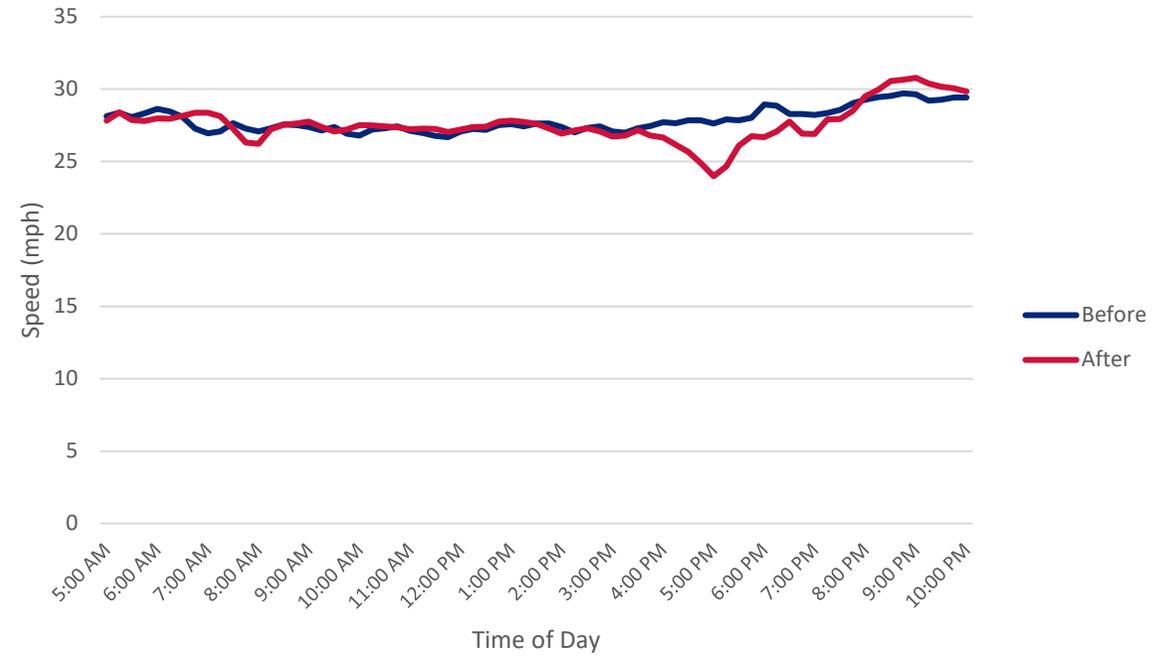
Time Period	Speed Change
AM	No change
Mid-Day	No change
PM	-4.9% decrease

Time Period	Speed Change
AM	-1.2% decrease
Mid-Day	-1% decrease
PM	-29.1% decrease

Westbound / Northbound



Eastbound / Southbound

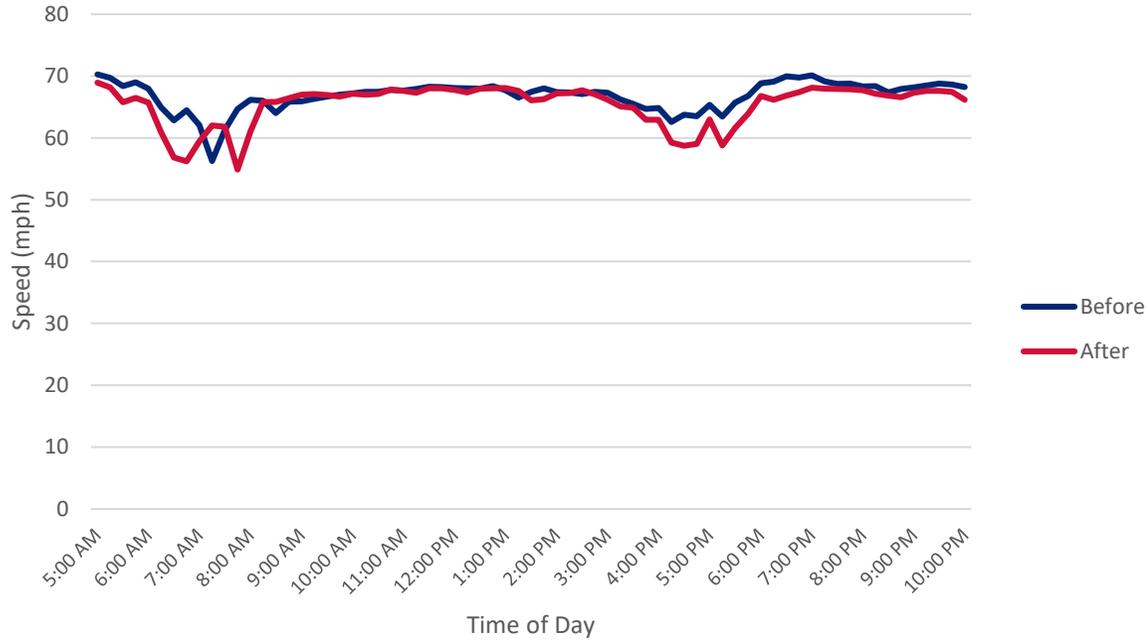


Time Period	Speed Change
AM	No change
Mid-Day	-4.1% decrease
PM	-24.8% decrease

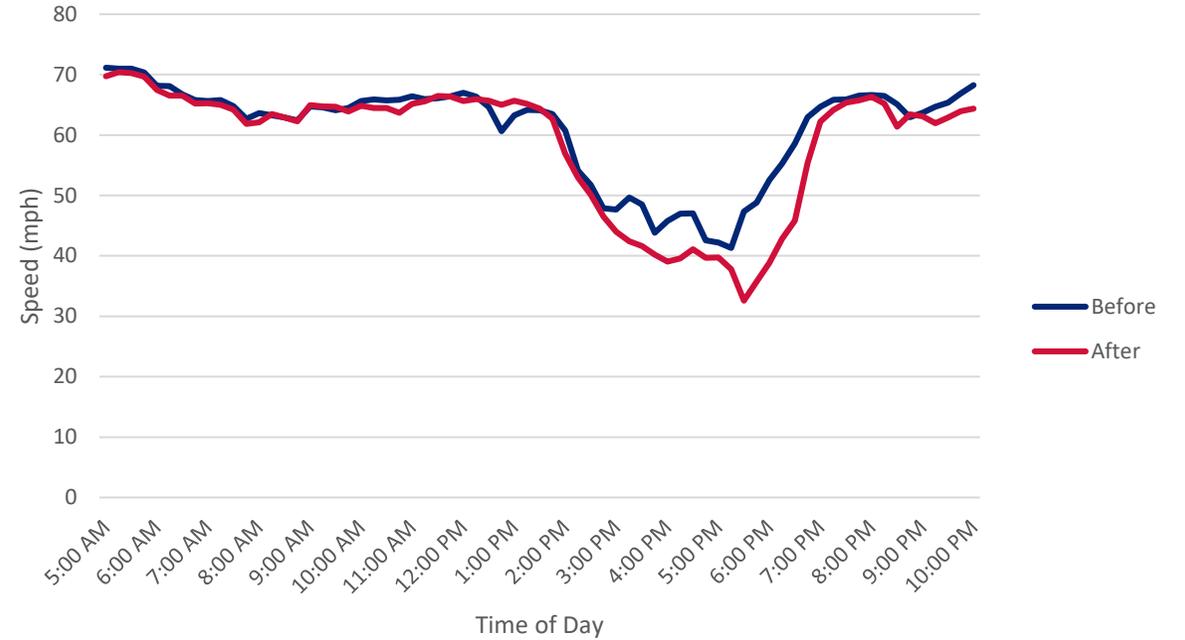
Time Period	Speed Change
AM	No change
Mid-Day	No change
PM	-7.9% decrease

I-5 (Port of Tacoma Road to McKinley Way)

Northbound



Southbound

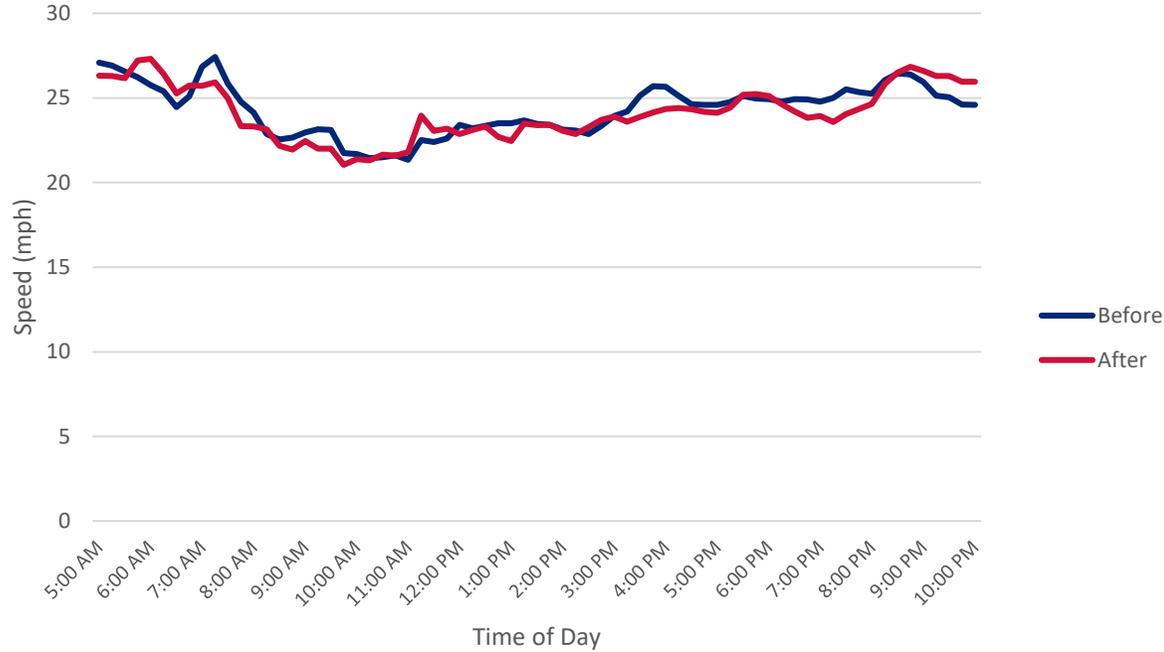


Time Period	Speed Change
AM	-1.4% decrease
Mid-Day	No change
PM	-5.3% decrease

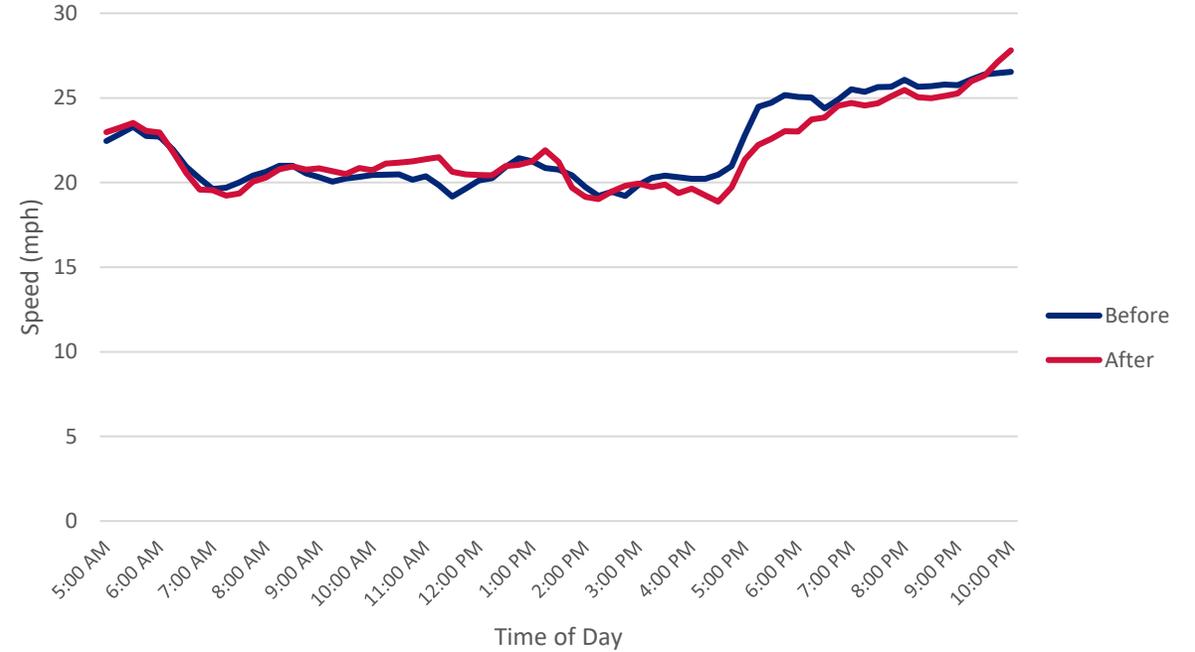
Time Period	Speed Change
AM	No change
Mid-Day	No change
PM	-17% decrease

Lincoln Avenue (Port of Tacoma Road to E Portland Avenue)

Eastbound



Westbound

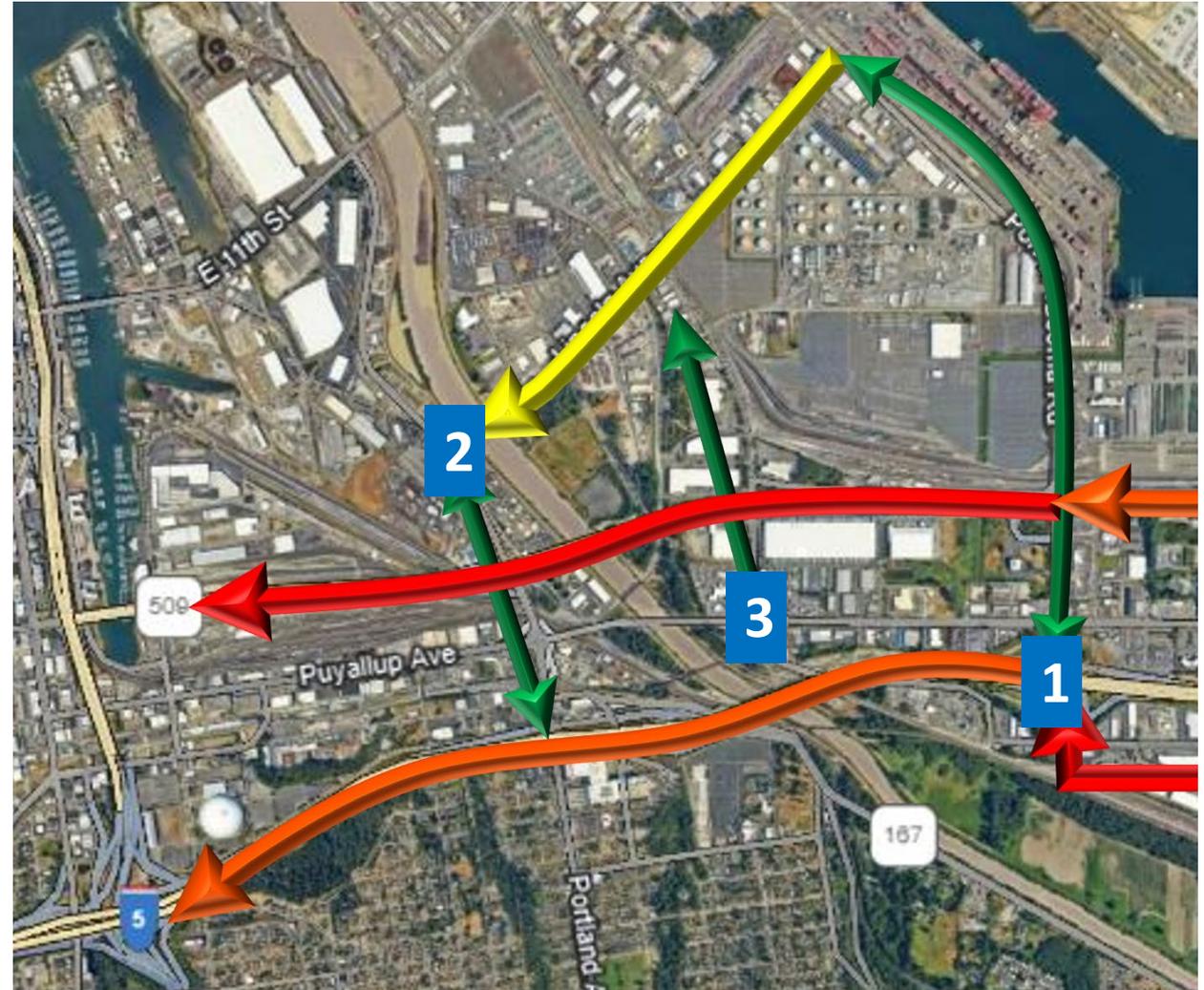


Time Period	Speed Change
AM	-3.2% decrease
Mid-Day	No change
PM	-1.3% decrease

Time Period	Speed Change
AM	No change
Mid-Day	2.8% increase
PM	-7.1% decrease

Next Steps

- Priority transportation projects are identified on the affected corridors.
 1. Port of Tacoma Rd interchange phase 2 is funded.
 2. Improvements at the intersection of Portland Ave and Lincoln Ave.
 3. As the City of Tacoma advances design for the new Fishing Wars Memorial bridge, we will engage with them about Milwaukee Way and SR 99 to explore options.



Update from City of Tacoma

Ramiro Chavez

Public Works Director / City Engineer





Thank You

Questions & Discussion



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