



# I-405 Express Toll Lanes Improvements

## COMPLETED ADJUSTMENTS

Location	Adjustment	Date Completed
1 SB I-405 at NE 160th St	Added skip stripes to better define the start of second express toll lane and inside general purpose lane.	October 1st, 2015
2 NB I-405 at NE 6th St	Added clarifying pavement markings to eliminate driver confusion and extended existing access point.	December 18th, 2015
3 SB I-405 at SR 527	Lengthened access point to the north to allow drivers more time to merge into and out of the express toll lanes.	December 18th, 2015
4 NB I-405 at I-5	Lengthened access point to allow drivers additional time to merge to I-5.	January 22nd, 2016
5 NB I-405 access at SR 527	Lengthened access point to allow drivers additional time to merge in and out of the express toll lanes.	January 22nd, 2016
6 Entire Corridor	WSDOT made changes to the algorithm which calculates toll rates to respond to the demand for the lanes and to keep the express toll lanes moving.	Ongoing

## PLANNED ADJUSTMENTS

Location	Adjustment	Completion Schedule
7 SB I-405 at NE 6th St	Adding pavement markings to clarify for drivers the exit to NE 6th St and which lane continues onto I-405 southbound.	February
8 NB I-405 at SR 520	Adjust the access type and length to provide more open access to the express toll lane. This will improve general purpose congestion in the SR 520 interchange area during afternoon commutes and weekends.	March - weekend closure and weather dependent
9 NB at NE 160th St	Adding additional signage and lengthening access point to provide driver clarity and more time to merge to SR 522.	Next few months

## MONITORING

Location	Status
Entire Corridor	Continue to monitor corridor traffic patterns and operations at these locations: 10 SB NE 70th PI to SR 520 - Evaluating greater access for Kirkland 11 NB and SB 3 lane section between SR 522 and I-5 - Evaluate options to address limited capacity in section of I-405 with three lanes. 12 SB SR 522 to NE 160th St - Evaluate access improvements to address demand during morning peak

## FUTURE PROJECTS

WSDOT has not done detailed engineering or traffic analysis on the future projects listed below. Some of this work would need to be done to better understand costs and phasing opportunities for all options.

- Additional funding would allow WSDOT to better define the project's scope including the environmental needs and to conduct a practical design review of the larger capacity improvement projects.

Location	Project	Cost
13 NB I-405 between SR 520 and NE 70th PI	Add northbound auxiliary lane between SR 520 and NE 70th PI <b>Timeline:</b> Environmental document needed, 1-3 years open to traffic after funding approved. This timeline depends upon environmental impacts, such as fish passage.	\$5-30 million depending on existing constraints and environmental fish passage issue
14 NB I-405 between SR 527 and I-5	Add a general purpose hard running shoulder on northbound I-405 from SR 527 to I-5 <b>Timeline:</b> Environmental document needed, 2 years open to traffic after funding approved. This timeline depends upon environmental impacts, such as noise walls, fish passage.	\$30-50 million