Example of what BOS looks like....

Bus-on-shoulder operations on the left-shoulder in Chicago. (Source: Pace Bus)

SHOULDER

AUTHORIZED

BUSES

ONLY



ST3 "Early Deliverable" Project



"The Bus-on-Shoulder program provides opportunities for buses to use shoulders on freeways and state highways during periods of congestion in general traffic and/or HOV lanes subject to safety and regulatory approval.

This program requires coordination and further study with transit partners, WSDOT and the Federal Highway Administration to determine specific potential locations.

Freeways that could be included in the program are I-5, I-405, SR 167 and SR 518. Improvements include capital infrastructure to enable the overall Bus-on-Shoulder program to operate efficiently."

Goals

- Improve transit speed and reliability
- Focus improvements for maximum benefit
- Use by ST buses and other transit agencies
- Use best practices for safe, efficient operations



Minneapolis, Minnesota



Static Bus-on-shoulder message sign on US 9 arterial in Old Bridge, New Jersey. (Source: TCRP Report 151)

- Buses can use shoulder when traffic slows operating speed below threshold
- 35 mph top speed in shoulder; no more than 15 mph faster than adjacent lane

FEATURES:

Experience with Design and Operation



Sound Transit BOS project

- \$102M overall project budget
- Funded by 3 subareas (Snohomish, South King, Pierce)
- Benefits can be shared across subareas and transit agencies
- Improve sections and facilities used by bus routes along state highways (including I-5, I-405, SR 518, SR 167)
- Early deliverable all improvements open for service by 2024



Project development



First Project: Lynnwood to Mountlake Terrace



SoundTransit



Summary

- ST3 Early Deliverable by 2024
- Goal of improving transit speed and reliability on freeways and other state highways
- \$102M overall project budget
- Budget and benefits across 3 ST subareas
- Feasibility Study in 2018 to identify potential improvements
- Improvements will incorporate best practices for safe, efficient operations
- WSDOT is project partner