

Arboretum Mitigation Plan | **Appendix E: SDOT’s Recommended Pedestrian Improvements and Traffic Calming Plan**



2011 Traffic Calming Implementation Plan

Lake Washington Boulevard — E Madison Street to Foster Island Road

December 20, 2010

The Seattle Department of Transportation has worked with the Seattle Parks Department and the Arboretum and Botanical Garden Committee (ABGC) to review pedestrian conditions and develop recommendations for pedestrian and traffic calming improvements on Lake Washington Boulevard between E Madison Street and Foster Island Road.

This review has included analyzing available data regarding traffic speeds through the arboretum, field observations (including a walking tour with ABGC representatives), and feedback received from the ABGC regarding current and future pedestrian conditions on the corridor.

After identifying a suite of recommended improvements, SDOT has developed an implementation plan for 2011, supported by funding from the SR 520 Project.

Phase 1 Implementation – April 2011

- Marked crosswalk (with accompanying signage and pedestrian landings) at Arboretum Drive
- Speed cushions (one per lane) in two locations
- Crosswalk maintenance at Boyer Avenue East

Phase 2 Implementation – Summer 2011

- Raised crosswalk (with accompanying signage) north of Interlaken Drive
- Landscaped curb bulb and striping improvements at Foster Island Road
- Radar speed signs, if desired

SDOT will continue to work with Seattle Parks Department and ABGC to advance plans for construction of these improvements, including potential Parks contributions of crushed rock pathways in conjunction with the marked crosswalk.



Recommended Pedestrian Improvements and Traffic Calming Plan

Item	Location	Purpose	Potential Disadvantages
Pedestrian Improvements			
Marked Crosswalk	North of Interlaken Drive	Provide visibility at high usage pedestrian area	
Marked Crosswalk	At Arboretum Drive	Provide visibility at high usage pedestrian area	
Traffic Calming Improvements			
Radar Speed Sign	Southbound, south of Foster Island Road	Educate drivers; reduce southbound speeds through arboretum	Aesthetics; power supply may be difficult
Radar Speed Sign	Northbound, north of E Madison Street	Educate drivers; reduce northbound speeds through arboretum, particularly approaching high pedestrian activity area	Aesthetics; power supply may be difficult
Raised Crosswalk	North of Interlaken Drive at new marked crosswalk	Provide traffic calming; improve pedestrian visibility at new crosswalk to be marked by SDOT	Noise impacts
Speed Cushion	TBD	Reduce vehicular speeds on corridor	Noise impacts; aesthetics
Speed Cushion	TBD	Reduce vehicular speeds on corridor	Noise impacts; aesthetics
Landscaped Curb Bulb	Southeast corner, Lake Wash Blvd at Foster Island Rd	Reduce northbound vehicle speed, particularly for turning traffic approaching intersection, to increase pedestrian safety; provide southbound "gateway" into arboretum	
Other			
Sign Improvements	Minor improvements to existing traffic signs	Improve clarity and message of existing traffic warnings on the corridor	Aesthetics
Additional ABGC Requests			
Pedestrian-Activated Signal	At Arboretum Drive	Enhance crossing conditions	Delay for all modes; aesthetics
Marked Crosswalk	On Interlaken Drive	Provide visibility at high usage pedestrian area	
Improve Intersection	Foster Island Road & Lake Washington Blvd	Improve clarity of intersection	
Crosswalk Maintenance	At Boyer Avenue E	Enhance visibility at high usage pedestrian area	