



Existing conditions looking east at the intersection of Highway 1 and 7th Street.



Observing sight distance looking north along Highway 1.



Observing sight distance looking south along Highway 1.



Proposed enhancements at the intersection of Highway 1 and 7th Street to improve pedestrian safety.

### Highway 1 Crossings | 7th Street

Four intersections along Highway 1 have been identified as preferred pedestrian crossing locations primarily due to unrestricted sight lines. Due to poor visibility at 6th Street North and Webster Street intersections, it was determined that 7th Street North was a preferred crossing location. This intersection contains open views which make pedestrians more visible to motorists and allow pedestrians an improved view of traffic. Pedestrians need to identify an ample gap in traffic to initiate the crossing. It is estimated that 8 seconds is needed by an average pedestrian to cross the highway, while 12 seconds is necessary for elderly or young children. The judgment of a pedestrian to cross at this intersection is not compromised due to poor sight distance.

In addition to great visibility, streetscape enhancements similar to 4th Street South are proposed at this intersection. There are large existing street trees that are in close proximity of this intersection. The raised planter bed would not be included adjacent to the trees as it would be detrimental to their health. However, at-grade planting beds could still be incorporated to carry the common theme from the other quadrants, while leaving the ground elevation unaltered adjacent to the trees. Limbing up of trees is recommended along the entire Highway 1 corridor to improve overhead clearance for vehicles and improve sight distance. These improvements will go a long way in improving pedestrian safety and reducing the effects of this street acting as a barrier within the community.

# Mount Vernon

## Highway 1 Crossings | 7th Street

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