



INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Committee
FROM: Henry Hash, Public Works Director *H.H.*
BY: Cyndy Knighton, Senior Program Manager
CC: Mayor Ekberg
DATE: July 6, 2018
SUBJECT: South 140th Street Intersection Improvements
Project No. 91610405
Update

ISSUE

Update on the signal crossing on Tukwila International Boulevard (TIB) near the Abu Bakr Islamic Center.

BACKGROUND

During the June 25, 2018 Transportation and Infrastructure Committee meeting, Abdirisak Ahmed, of the Abu Bakr Islamic Center, asked about the safety improvements on TIB at S 141st Street. The Committee directed staff to return with an update.

DISCUSSION

In 2015, the Transpo Group studied the area near the Abu Bakr site. The report concluded that a pedestrian signal across TIB at the S 141st St intersection met the necessary warrants for installation of an active pedestrian signal such as a Rectangular Rapid Flashing Beacon (RRFB). This was based on documentation of more than 230 pedestrians crossing TIB in the immediate area during a peak hour of pedestrian use, high levels of pedestrian delay, and the high vehicular volumes on TIB. However, after further consideration by staff, a final recommendation to pursue a fully signalized intersection, providing control for both pedestrians and vehicles, at the intersection of TIB and S 140th St was preferred. A signal at the north end of the Tukwila Village site would contribute some traffic calming and metering of traffic flows and would support the redevelopment and growth in the area.

In 2016 the S 140th St Intersection Improvement Project was added to the Capital Improvement Program to allow for grant opportunities. Also, the nearby TIB pedestrian crossing between S 144th St and S 142nd St was upgraded to an RRFB. Since that time, no grants have been awarded for this project, but staff continues to monitor for possible sources of funding. At this time, a Transportation Improvement Board grant and a new WSDOT Local Road Safety grant program are being studied to see if either would be a good match for the South 140th Street Intersection Improvements Project.

FINANCIAL IMPACT

Design and construction of a full traffic signal costs approximately \$750,000. City contribution toward the costs will depend on the type and requirements of any grant award.

RECOMMENDATION

Information only.

