

CITY TRAFFIC ENGINEER'S REPORT

ISSUE NO. TC 778

Parking Restrictions on SW 114th Avenue near the Light Rail Crossing

June 15th, 2018

Background Information

Beaverton School District Transportation requested an investigation of SW 114th Avenue not being wide enough for a school bus to travel through due to parked vehicles along the roadway near the light rail crossing.

SW 114th Avenue is classified as a collector roadway. It has a pavement width of 23.5 feet north of the light rail crossing with a centerline separating the two 11 feet travel lanes. The area around the study segment of SW 114th Avenue is mixed use with a variety of dealerships, businesses and apartments. There was no reported crashes during the most recent three years of available crash data.

Staff observed the parked vehicles during field visit, causing traffic to weave into the opposing travel lane to avoid the parked vehicles. Staff recommends at this time, to restrict parking on both sides of SW 114th Avenue north of the light rail crossing. The parking restriction will be for a distance of 150 feet on the west side of SW 114th Avenue and a distance of 240 feet on the east side of SW 114th Avenue (see attached drawing). Under current standards of the City's Engineering Design Manual, parking is not allowed on 2 lane collector street unless additional pavement width is available to accommodate the on-street parking. This section of SW 114th Avenue does not have the pavement width to provide two 12 foot lanes and 7 foot parking.

Applicable Criteria

Applicable criteria from Beaverton Code 6.02.060A are:

- 1a (provide for safe vehicle, bicycle and pedestrian movements);
- 1b (help ensure orderly and predictable movement of vehicles, bicycles, and pedestrians).

Conclusions:

1. Restricting parking on both sides of SW 114th Avenue will improve safety by allowing drivers and bicyclists to safely navigate the roadway without encroaching into the path of opposing traffic satisfying Criteria 1a and 1b.

Recommendation:

1. Restrict parking for approximately 150 feet on the west side of SW 114th Avenue and for approximately 240 feet on the east side of SW 114th Avenue north of the light rail crossing.

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1"=30'

SW CENTER STREET

SW 114TH AVENUE

MAX (LIGHT RAIL) TRACKS

SW MCBRIDE PLACE

25'

250'

150'



PROPOSED PARKING RESTRICTIONS

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PARKING RESTRICTIONS ON
SW 114TH AVENUE NORTH OF MAX TRACKS

PUBLIC WORKS DEPARTMENT
TRANSPORTATION SECTION

Drawn By: TC Date: 6-7-18

Reviewed By: _____ Date: _____

Approved By: _____ Date: _____

MEMORANDUM

Beaverton Police Department



DATE: June 20, 2018

TO: Jabra Khasho, City Transportation Engineer

FROM: Sergeant Steve Schaer

SUBJECT: Traffic Commission Issues No. TC 778

On review of the City Traffic Engineer's report, and my visitation of the location, I concur with the Traffic Engineer's recommendation to restrict parking for approximately 150 feet on the west side of 114th Avenue and for approximately 240 feet on the east side of SW 114th Avenue north of the light rail crossing.

Sgt Steve Schaer