

CITY TRAFFIC ENGINEER'S REPORT

ISSUE NO. TC 758

Parking Restrictions on the south side of W Baseline Road at SW 162nd Avenue

July 18, 2017

Background Information

Mr. Nate Shehorn requested the evaluation of sight distance and pedestrian safety at the intersection of W Baseline Road and SW 162nd Avenue. Mr. Shehorn stated that the intersection is a blind corner with regular foot traffic that has had several near misses. He asked the city staff to check and see if parking is too close to the corner of the intersection.

The pavement width of W Baseline Road on both side of SW 162nd Avenue ranges from 24 to 36 feet. The pavement is wider near its intersection with SW 162nd Avenue to accommodate a future two-way left turn lane and bike lane. The road has sidewalks on both sides and is classified as a 3-lane collector street. A traffic count conducted in July 2016 showed W Baseline Road carries approximately 5,700 vehicles per day. Currently, parking is prohibited for approximately 40 feet east of SW 163rd Avenue. There were no reported crashes during the most recent three years of available crash data.

Under current standards of the City's Engineering Design Manual, parking is not allowed on collector streets unless the pavement width exceeds the required lane widths.

Restricting parking on W Baseline Road would ensure drivers would be able to maintain the required sight distance to maneuver from SW 162nd Avenue onto W Baseline Road. Pedestrians would also be able to safely cross SW 162nd Avenue without being blindsided by a motorist driving onto SW 162nd Avenue from W Baseline Road.

During several field visits to the site, staff observed, on average, four to five vehicles parked on W Baseline Road. It appears there is not a huge demand for parking along W Baseline Road on either side of SW 162nd Avenue.

Staff is proposing to restrict parking on the south side of W Baseline Road for approximately 150 feet east of SW 162nd Avenue and for approximately 230 feet west of SW 162nd Avenue.

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);
- 1d (accommodate the parking needs of residents and businesses in a safe and equitable fashion).

Conclusions:

1. Restricting parking for approximately 150 feet east of SW 162nd Avenue and for approximately 230 feet west of SW 162nd Avenue would ensure drivers maintain the required sight distance to maneuver onto W Baseline Road from SW 162nd Avenue and enhance pedestrian safety, satisfying Criteria 1a and 1b.
2. The demand for on-street parking is low. The proposed parking restrictions will have a minor impact on on-street parking, satisfying Criterion 1d.

Recommendation:

1. Restrict parking on the south side of W Baseline Road for approximately 150 feet east of SW 162nd Avenue and for approximately 230 feet west of SW 162nd Avenue.

TC 758



1"=80'

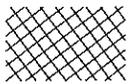
SW 163RD AVE

W BASELINE RD

230'

150'

SW 162ND AVE



PROPOSED PARKING RESTRICTIONS

Y:\TRANSPORTATION\Drawings\2017\2017-40 - Parkg. Restrictions On S. Side Of W. Baseline Rd @ 162nd Ave - BASE 17.dwg



PARKING RESTRICTIONS ON THE SOUTH SIDE OF W. BASELINE ROAD AT 162ND AVE

**PUBLIC WORKS DEPARTMENT
TRANSPORTATION SECTION**

Drawn By: AL Date: 7-14-17

Reviewed By: _____ Date: _____

Approved By: _____ Date: _____

MEMORANDUM

Beaverton Police Department



DATE: July 20, 2017

TO: Jabra Khasho, City Transportation Engineer

FROM: Sergeant Steve Schaer

SUBJECT: Traffic Commission Issues No. TC 758

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 on the south side of W Baseline Road for approximately 150 feet east of 162nd Avenue and for approximately 230 feet west of SW 162nd Avenue.

Thank you,

Sgt Steve Schaer

Jabra Khasho

From: Shehorn, Nathan A <nathan.a.shehorn@intel.com>
Sent: Wednesday, July 19, 2017 8:35 PM
To: Jabra Khasho
Subject: Issue TC 758: Parking Restrictions on the South side of W baseline road

Traffic Commission,

I would like to thank you for taking on the issue of safety around the corner of 162nd Avenue and W Baseline Road. While I am sad to lose any measure of access to that currently unrestricted parking, which I rely upon for guests, there is a more serious issue regarding the ability to safely exit 162nd, especially during the morning commute. I have witnessed a number of near misses at this intersection between vehicles and between a vehicle and pedestrians. From my home on the corner, you can often hear shouting matches and horns.

It is not surprising. Depending on the time of day, one has to pull out nearly into the lane of W Baseline to see around the vehicles and the tribal knowledge of how to handle the intersection safely is not easily intuited. If the cities experts have any recommendations on how to improve the safety of this intersection, it has my full support.

Nathan (Nate) Shehorn
Environmental Health and Safety
Corporate Services
Instructional Systems Designer