

CITY TRAFFIC ENGINEER'S REPORT

ISSUE NO. TC 756

Parking Restrictions on SW 117th Avenue North of Barnes Road

April 17, 2017

Background Information

Mr. Stuart Monson requested the restriction of parking on one side of 117th Avenue between Barnes Road and Corby Drive. Mr. Monson indicated that when cars are parked on both sides of the street, it restricts two-way traffic and he is concerned about the safety of drivers.

The pavement width of 117th Avenue between Barnes Road and Corby Drive ranges from 28 to 38 feet. The pavement is wider near the intersection with Barnes Road to accommodate the left turn lane. The street has a sidewalk on the west side only. It is classified as a local street. A traffic count taken in March 2017 showed that 117th Avenue carries approximately 2,940 vehicles per day. There are no reported crashes during the most recent three years of available crash data.

Under current standards of the City's Engineering Design Manual, to allow parking on both sides of a local street that carries over 500 vehicles per day, the pavement width must be at least 34 feet. The pavement width of 117th Avenue does not meet current standard of the City's Engineering Design Manual to allow parking on both sides.

Restricting parking on one side of the street would ensure adequate width to safely pass through and allow two-way traffic flow without encroaching into the travel lane of opposing traffic.

During several field visits to the site, staff observed on average, one to two vehicles parked on 117th Avenue. It appears there is not a huge demand for parking along 117th Avenue between Barnes Road and Corby Drive.

Staff is proposing to restrict parking on the east side of 117th Avenue between Barnes Road and Corby Drive.

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 on the east side of 117th Avenue between Barnes Road and Corby Drive would ensure two-way traffic flow without encroaching into the travel lane of opposing traffic in a safe and orderly manner, satisfying Criteria 1a and 1b.
2. The demand for on-street parking is very low. The proposed parking restrictions will have a minor impact on on-street parking, satisfying Criterion 1d.

Recommendation:

1. Restrict parking on the east side of SW 117th Avenue between Barnes Road and Corby Drive.

TC 756



1" = 75'

SW BARNES RD

PROPOSED PARKING RESTRICTIONS

SW 117TH AVE

SW CORBY DR

PROPOSED PARKING RESTRICTIONS

Y:\TRANSPORTATION\Drawings\2017\14 - Parking Restrictions On SW 117th Ave S. Of Barnes Rd (TC 756).EASE 17.dwg



PARKING RESTRICTIONS ON
SW 117TH AVE SOUTH OF BARNES RD

PUBLIC WORKS DEPARTMENT
TRANSPORTATION SECTION

Drawn By: AL Date: 4-17-17

Reviewed By: _____ Date: _____

Approved By: _____ Date: _____

MEMORANDUM

Beaverton Police Department



DATE: April 24, 2017

TO: Jabra Khasho, City Transportation Engineer

FROM: Sergeant Steve Schaer

SUBJECT: Traffic Commission Issues No. TC 756

On review of the City Traffic Engineer's report, and my visitation of the location, I concur with the Traffic Engineer's recommendation to approve the request to restrict parking on the east side of SW 117th Avenue between Barnes Road and Corby Drive.

Thank you,

Sgt Steve Schaer