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D.C. DEPARTMENT OF PUBLIC WORKS

BUREAU OF TRAFFIC SERVICES

TRAFFIC OPERATIONS AND SAFETY DIVISION

INFORMATIONAL REPORT

NUMBER 95-01-01

TRAFFIC IMPACT OF CLOSING OF
KLINGLE ROAD ON PORTER STREET, N.W.

PREPARED BY

TRAFFIC SAFETY AND DATA ANALYSIS BRANCH

RESULTS-

Figure - 1 shows before and after counts on Klingle Road and Porter Street. The comparison of before and after counts on Porter Street indicate the following:

1. Porter Street, East of Connecticut Avenue

24 hour traffic volumes increased from 13,579 to 15,940 by about 17.3 percent.

AM eastbound peak hour volume increased from 672 v.p.h. to 767 v.p.h., an increase of 14.1 percent.

PM westbound peak hour volume increased from 469 to 547 v.p.h. an increase of 16.6 percent

2. Porter Street, west of Connecticut Avenue

24 hour traffic volumes decreased from 8,392 to 6,864, a decrease of 18.2 percent.

AM eastbound traffic volumes increased from 341 v.p.h. to 398 v.p.h., an increase of 16.7 percent.

PM eastbound traffic volumes decreased from 393 v.p.h. to 293 v.p.h. a decrease of 25.4 percent.

3. Porter Street and Connecticut Avenue Intersection

Closing of Klingle Road has impacted Porter Street and its intersection with Connecticut Avenue.

Before and after turning movement counts at the intersection of Porter Street and Connecticut Avenue show an increase of traffic turning onto Connecticut Avenue. **Traffic turning northbound increased by about 32 percent, whereas traffic oriented southbound on Connecticut Avenue increased more than 100 percent.**