

ITEM 22
MANAGER'S REPORT NO. 50
COUNCIL MEETING 1983 07 25

TO: MUNICIPAL MANAGER 83 07 20

FROM: DIRECTOR ENGINEERING

SUBJECT: WORK ORDERS
NUMBERS 60-70-105 AND 60-14-068
ITEM 2, MUNICIPAL MANAGER'S REPORT NO. 48, 83 07 11

RECOMMENDATION:

1. THAT Council approve the requested increase in Work Order 60-14-068 to \$2,500.

REPORT:

Reference the Clerk's memo of 1983 July 19 requesting an interim report on Work Order 60-14-068, Roundabouts on Pender Street at Alpha, Beta, and Gamma Avenues.

Experimental roundabouts utilizing sandbags and 45 gallon steel barrels were approved by Council and installed at the three intersections on Pender Street noted above on 1983 March 08. These roundabouts were to be monitored for a period of six months (till 1983 September 08) at which time a report was to be submitted to Council on "the subject of policies and warrants regarding traffic islands".

The purpose of the roundabouts was to reduce the speed and volume of traffic on Pender Street between Willingdon Avenue and Delta Avenue.

Prior to the installation of the roundabouts the 85th percentile speed was approximately 57 Km/h. Immediately after the installation of the roundabouts the 85th percentile dropped to just under 50 Km/h but as the motorists became familiar with them their speed began to increase. The last speed check, in early June, recorded an 85th percentile of 52 Km/h. Volumes west of Alpha before were 2,675 vehicles per day (V.P.D.) and in June were 2,400 V.P.D. Just west of Delta Avenue the volumes before were 1,350 V.P.D. and in June were 1,050 V.P.D.

The total accident picture in the four months before was one right angle collision and in the four months after was one right angle collision. Both accidents occurred at Alpha Avenue.

(cont'd)

ITEM 22
MANAGER'S REPORT NO. 50
COUNCIL MEETING 1983 07 25

294

-2-

In summary, we would have to say that we have found very little change in the conditions of traffic as a result of the installation of roundabouts. Any changes that did occur appear to have only been temporary and traffic is now beginning to ignore the roundabouts and is passing them at ever-increasing speeds.

Vandalism has been a major problem and one that we feel cannot be ignored as the damage often creates the potential for a serious accident. For this reason we feel that we must respond to every act of vandalism.

S. E. C. K. S.
DIRECTOR ENGINEERING

HB:sp

cc: () Traffic Supervisor