



Meeting 2009 May 11

COUNCIL REPORT

TRAFFIC SAFETY COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

**SUBJECT: MID-BLOCK CROSSINGS AT GAGLARDI WAY NORTH OF
LOUGHEED HWY**

RECOMMENDATIONS:

1. THAT Council approve the installation of a wrought iron fence in the median along Gaglardi Way north of Lougheed Hwy as described in this report to prevent mid-block pedestrian crossings.
2. THAT Council approve the appropriation of Gaming Funds in the amount of \$45,000 (inclusive of 5% GST) for installation of the fence.
3. THAT a copy of this report be provided to Mr. Kevin Brandt, Vice Principal of Burnaby Mountain Secondary School, and the school's Parent Advisory Council c/o Dianne Hui and Cathy Cena.

REPORT

The Traffic Safety Committee, at its meeting held on 2009 May 05, received and adopted the *attached* report recommending measures to discourage mid-block crossings at Gaglardi Way.

Respectfully submitted,

Councillor S. Dhaliwal
Chair

Councillor C. Jordan
Vice Chair

Councillor P. McDonell
Member

Copied to: City Manager Director Engineering Director Finance

TO: CHAIR AND MEMBERS
TRAFFIC SAFETY COMMITTEE **DATE:** 2009 April 27

FROM: DIRECTOR ENGINEERING **FILE:**

**SUBJECT: MID-BLOCK CROSSINGS AT GAGLARDI WAY NORTH OF
LOUGHEED HWY**

PURPOSE: To recommend measures to discourage mid-block crossings of Gaglardi Way.

RECOMMENDATION:

1. **THAT** the Committee recommend that Council approve the installation of a wrought iron fence in the median along Gaglardi Way north of Lougheed Hwy as described in this report to prevent mid-block pedestrian crossings.
2. **THAT** the Committee recommend that Council approve the appropriation of Gaming Funds in the amount of \$45,000 (inclusive of 5% GST) for installation of the fence.
3. **THAT** a copy of this report be provided to Mr. Kevin Brandt, Vice Principal of Burnaby Mountain Secondary School, and the school's Parent Advisory Council c/o Dianne Hui and Cathy Cena.

REPORT**1.0 BACKGROUND**

On 2009 February 03, the Traffic Safety Committee requested a staff report regarding mid-block crossings of Gaglardi Way by students of Burnaby Mountain Secondary. The request was in response to correspondence received from the Parent Advisory Council (PAC) of Burnaby Mountain Secondary School. The PAC expressed concerns about student's safety and requested the installation of a fence along the median of Gaglardi Way between Lougheed Hwy and the overpass over Eastlake Dr.

Burnaby Mountain Secondary at 8800 Eastlake Dr is located on the east side of Gaglardi Way between Lougheed Hwy and Eastlake Dr. The main entrance to the school is off of Eastlake Dr on the east side of the school. On the west side of the school, there is an asphalt pathway that connects the school to the east sidewalk of Gaglardi (about 80 metres north of Lougheed Hwy) as shown in Figure 1. The pathway and sidewalk provide pedestrian access to destinations frequented by Burnaby Mountain students, including the Production Way SkyTrain Station and nearby convenience stores.

To: Traffic Safety Committee
From: Director Engineering
Re: Midblock Crossings at Gaglardi north of Lougheed
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2.0 DISCUSSION

Many Burnaby Mountain students have been observed crossing Gaglardi midblock in the vicinity of where the asphalt pathway from the school joins with the east sidewalk of Gaglardi. As many as 100 students have been observed crossing at this location during the lunch hour, most destined to convenience stores located at Lougheed Hwy and Production Way. After school, a similar number of students have been observed doing the same thing but to a wider variety of destinations. This behaviour has raised some concerns regarding the safety of students because Gaglardi is a major arterial street carrying between 20,000 to 25,000 vehicles per day. Students crossing Gaglardi midblock just north of Lougheed Hwy have to traverse six lanes of traffic including the southbound right and left turn lanes. While there have been no reported pedestrian related collisions in the last five years, there is a risk to students because motorists would not expect pedestrians to cross midblock.


To prevent midblock crossings, the installation of about 100 metres of 5 feet high, wrought iron fence is recommended along the median of Gaglardi just north of Lougheed as shown in Figures 2 and 3. This length should be sufficient to deter midblock crossings as it extends about 30 meters north of the asphalt pathway making it more inconvenient to cross midblock in comparison to crossing at the intersection of Gaglardi and Lougheed. Similar fencing has previously been installed on the median along Canada Way east of Norland/Deer Lake Pkwy.

Alternatives were explored including fencing along the entire length of the block (500m) as requested by the PAC. This was found to be unnecessary because almost all midblock crossings occur in within the first 100 meters north of Lougheed. The installation of signage only along with education and enforcement was also considered. Although the cost of this is much less, it is also less effective and more costly over the long term due to the manpower required for continual education and enforcement. Lastly, the use of chain link fencing instead of wrought iron rail fencing was considered. Given the current beautification project proposed at the northwest and northeast corner of Lougheed and Gaglardi, the wrought iron fencing was found to be more appropriate.

The RCMP are in support of the fence along the median. The fence is estimated to cost \$45,000. It is recommended that this safety initiative be funded from Gaming Funds. This project will be included in the 2009 5 year Capital Plan and appropriate adjustment will be made accordingly.

CONCLUSION

To prevent midblock pedestrian crossings across Gaglardi in the vicinity of Burnaby Mountain Secondary, the installation of 100 metres of 5 feet high, wrought iron fence along the median of Gaglardi north of Lougheed is recommended. The fence will encourage students from Burnaby Mountain to cross at the signalized intersection of Lougheed and Gaglardi. The estimated cost of the fence at \$45,000 is recommended to be funded from Gaming Funds.


L. S. Chu, P.Eng.
DIRECTOR ENGINEERING

Enclosure
Copied to: City Manager
Director Finance
RCMP Officer-in-Charge, Superintendent Rick Taylor

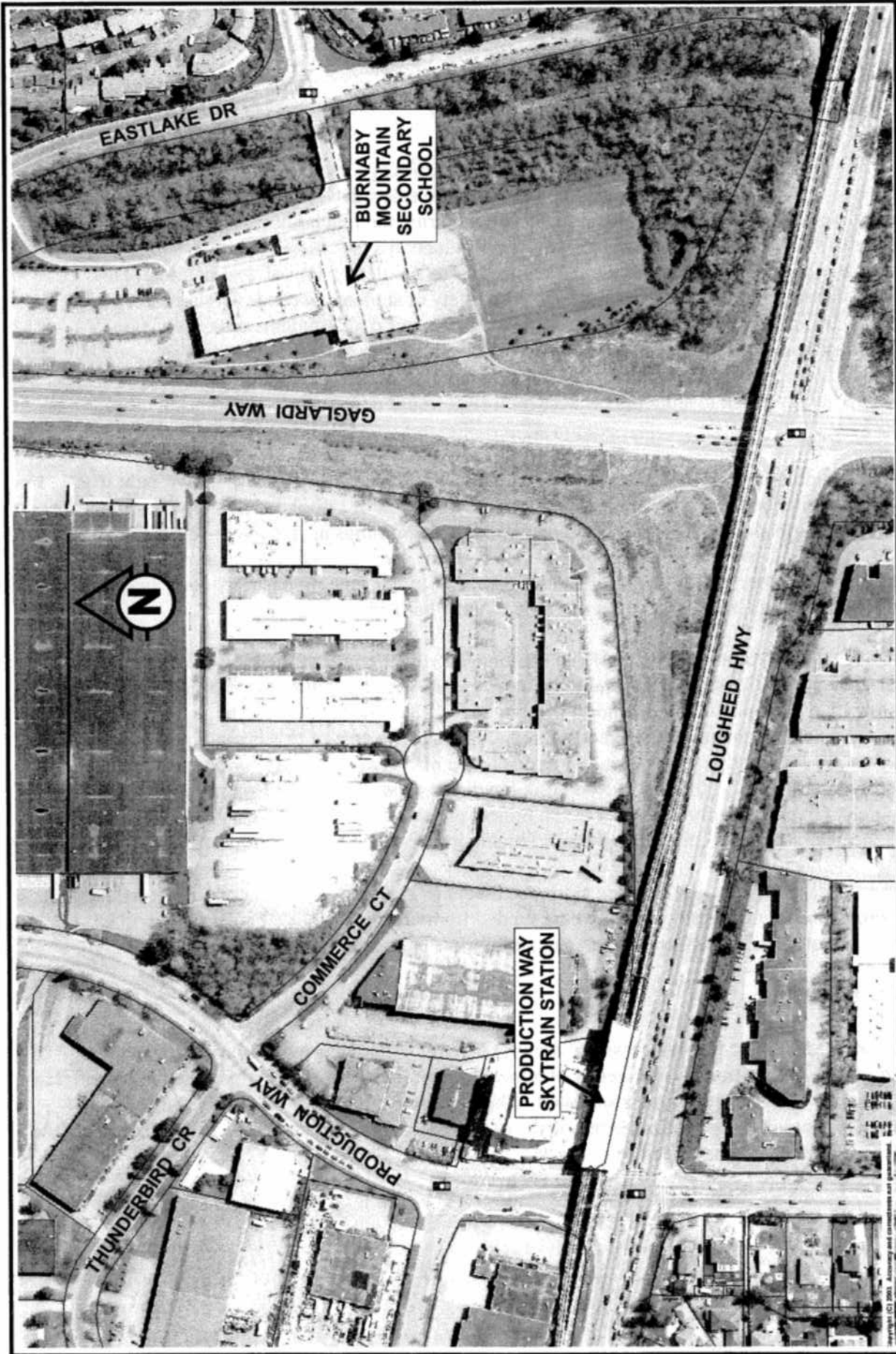


FIGURE #1

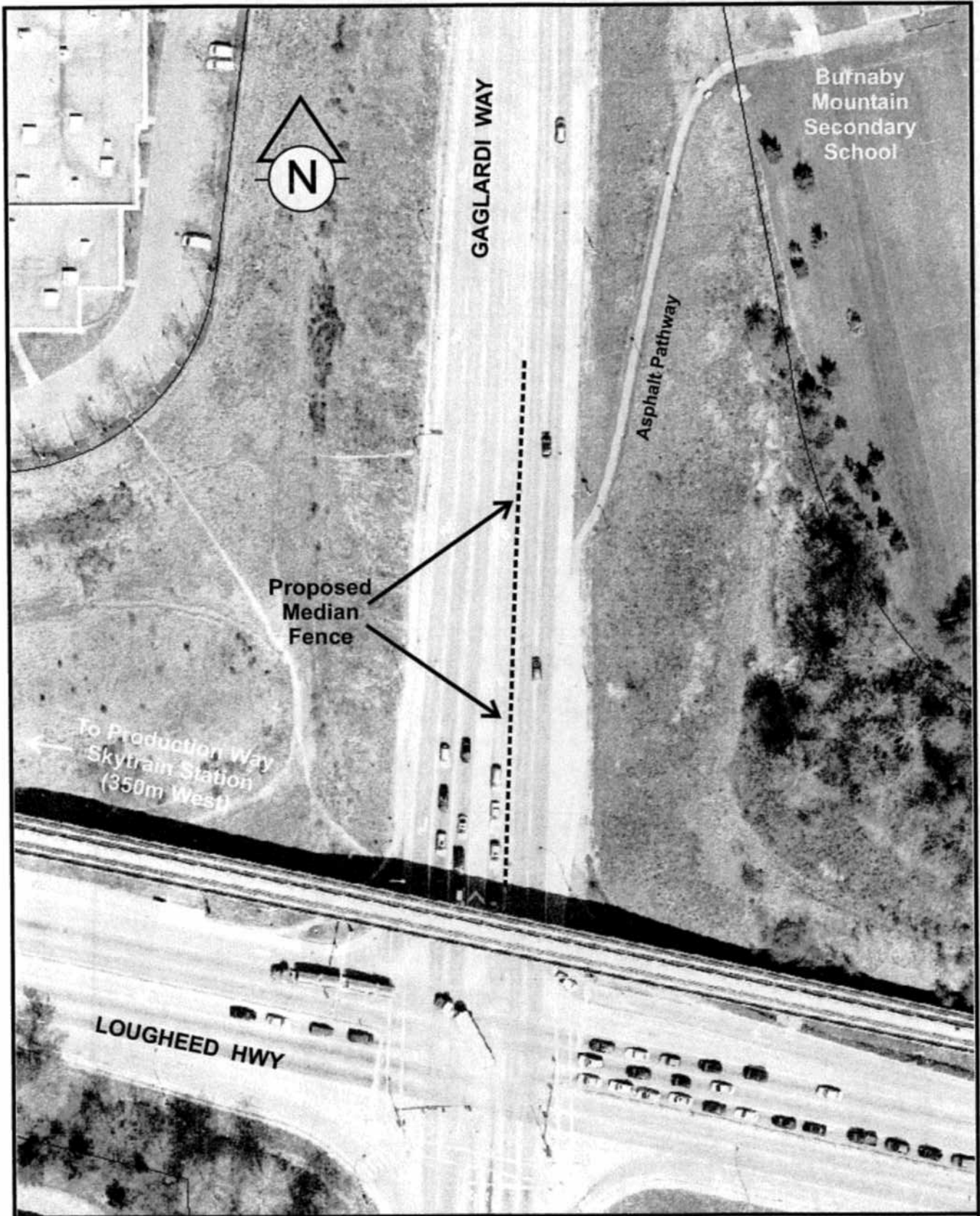


FIGURE #2
Gaglardi Way North of Lougheed Hwy

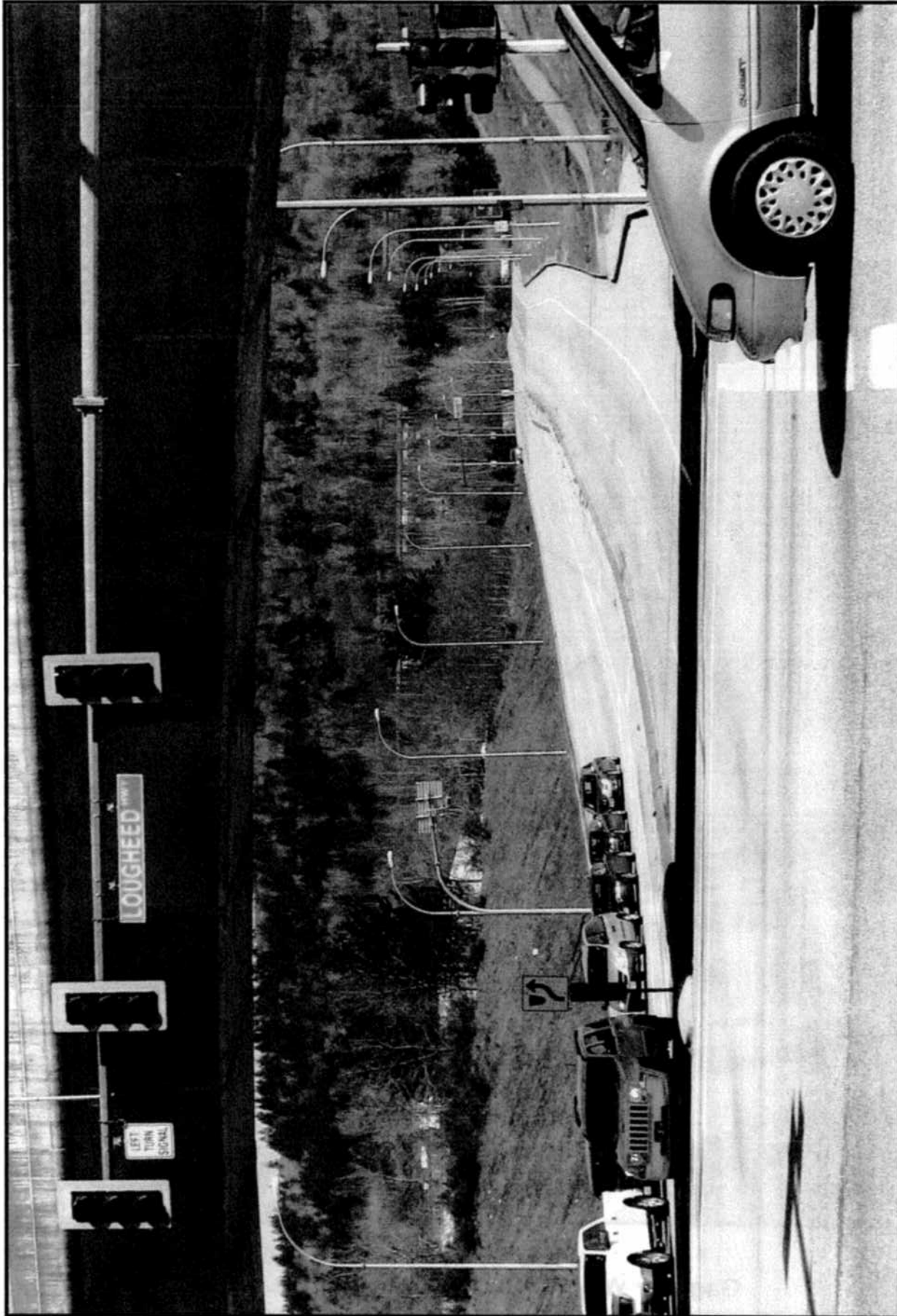


FIGURE #3
Existing Median on Gaglardi Way North of Loughheed Hwy