



MEMORANDUM

Date: August 13, 2004
 To: Dick Stenstrom
 The Griffin Company
 From: Jason D. Pack

Subject: Amador County Gold County Plaza Volume Data Collection 1042-1983

Fehr & Peers has completed collecting traffic counts on State Route (SR) 49, SR-104, and Ridge Road in Amador County, California. We have also completed estimating future traffic volumes on these roadway segments based on the Amador County travel demand forecasting model. The purpose of this memorandum is to summarize our results.

Existing Counts

Seven days of machine counts were conducted at the following locations from July 26, 2004 to August 3, 2004:

1. SR-104, west of Bowers Drive¹
2. SR-104, west of SR-49^{1,2}
3. SR-49, north of SR-104
4. SR-49, south of SR-104
5. Ridge Road, east of SR-49.

The results of the count data are summarized in Table 1 and shown on Figure 1. The raw count data is attached.

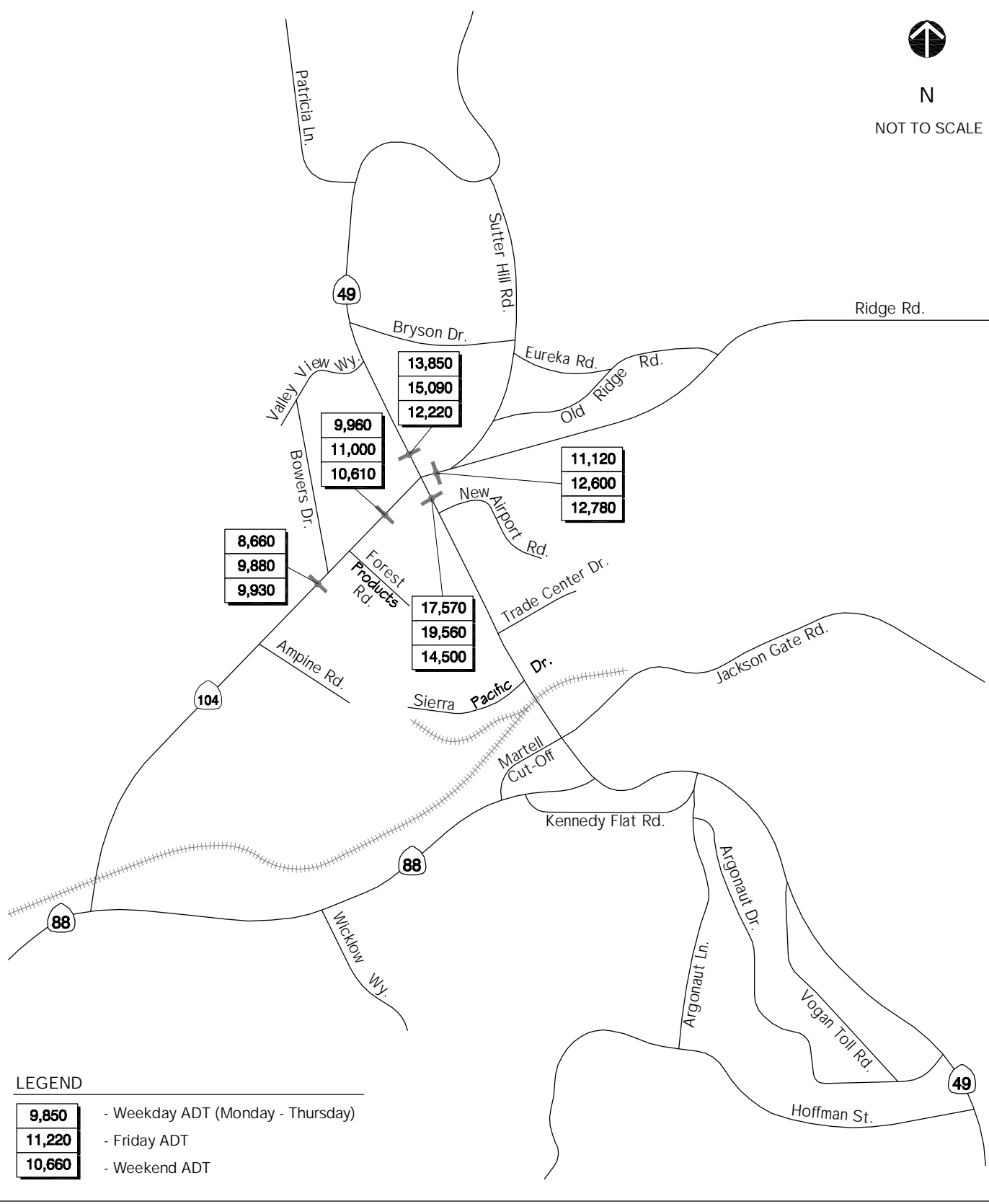
Table 1			
Existing Count Data			
Count Location	Weekday ADT ¹	Friday ADT ²	Weekend ADT ³
SR-104 west of Bowers	8,660	9,880	9,930
SR-104 west of SR-49	9,960	11,000	10,610
SR-49 north of SR-104	13,850	15,090	12,220
SR-49 south of SR-104	17,570	19,560	14,500
Ridge Road east of SR-49	11,120	12,600	12,780
Notes: ¹ Average of weekday ADT counts from Monday through Thursday. ² ADT counts collected on Friday. ³ Average of Saturday and Sunday ADT counts. Count data collected from July 26, 2004 to August 3, 2004. ADT = Average Daily Traffic volume.			

¹ These locations were also counted from August 4th through August 8th.

² The tube used for this machine count was severed on Tuesday July 27th at approximately 6:45 AM. The tube was replaced on Thursday July 29th at approximately 2:30 PM.



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NOT TO SCALE



LEGEND

9,850	- Weekday ADT (Monday - Thursday)
11,220	- Friday ADT
10,660	- Weekend ADT



The results of the count data collection effort indicate that SR-104 and Ridge Road have higher average daily traffic (ADT) on Friday, Saturday, and Sunday than on weekdays. Although segments of SR-49 had their highest ADT on Friday, weekday volumes were higher than on weekends.

Future Growth

The Amador County travel demand forecasting (TDF) model was reviewed under base year (Year 2000) and future year (Year 2025) conditions. The TDF model estimates the increase in traffic volumes on area roadways based on multiple data inputs including land use projections and planned roadway network improvements. The Amador County TDF model develops weekday ADT volumes.

The base year and future year TDF estimates were reviewed to develop growth projections from Year 2004 to Year 2025. Since the Amador County model only projects weekday ADT volumes, it is assumed that the incremental growth projected during the weekday will be the same for Friday and the weekend. The results of the future growth estimates are summarized in Table 2 and shown on Figure 2.

Future Volume Projections			
Count Location	Weekday ADT¹	Friday ADT²	Weekend ADT³
SR-104 west of Bowers	10,600	12,500	12,500
SR-104 west of SR-49	12,900	14,700	14,000
SR-49 north of SR-104	21,700	23,700	19,200
SR-49 south of SR-104	26,500	29,500	21,900
Ridge Road east of SR-49	16,800	19,000	19,300

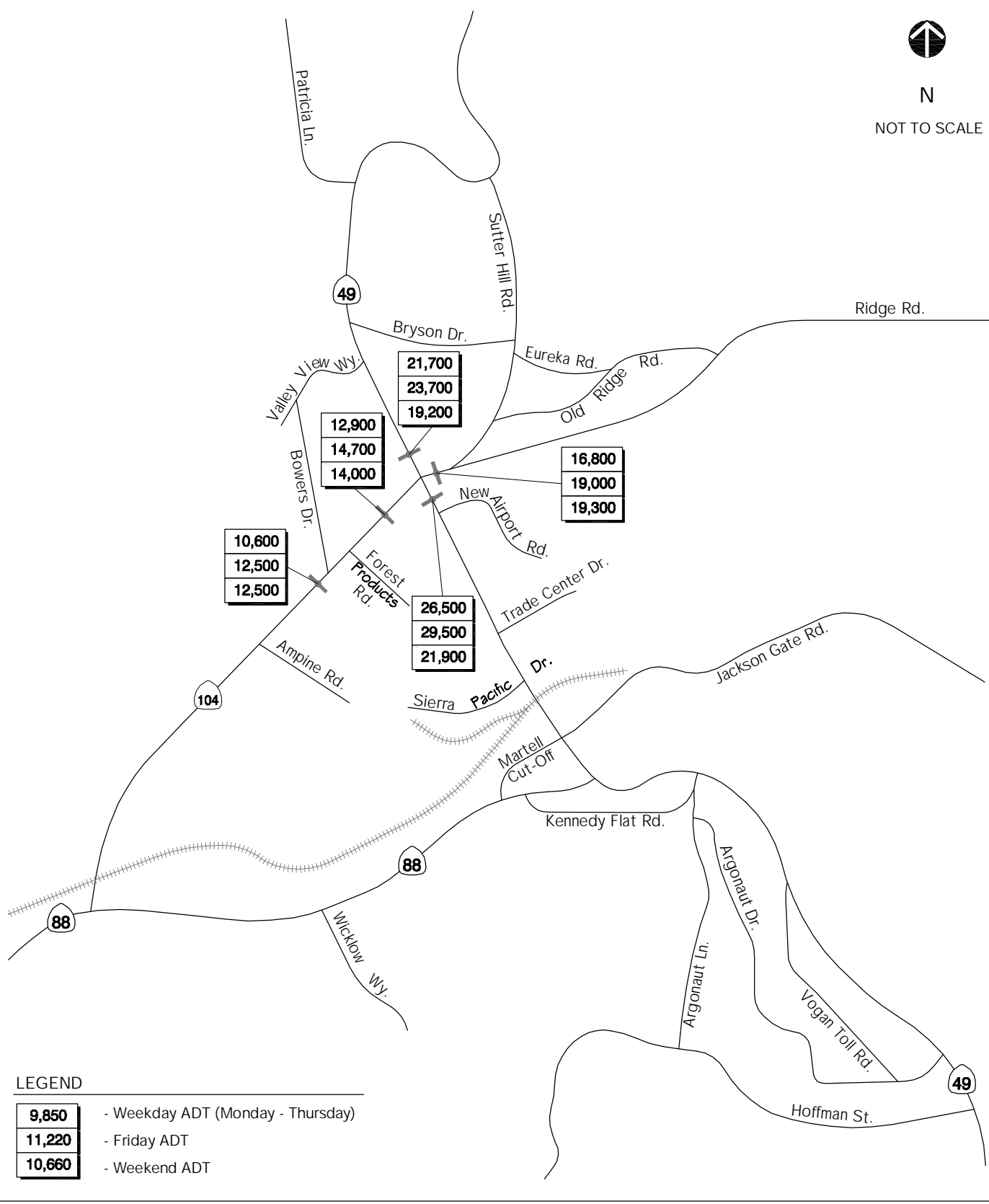
Notes:

- ¹ Average of weekday ADT projections using existing count data and growth estimates from the Amador County travel demand forecasting model.
- ² Based on growth estimates from the Amador County travel demand forecasting model and applied to the existing Friday ADT counts.
- ³ Based on growth estimates from the Amador County travel demand forecasting model and applied to the average of the existing Saturday and Sunday ADT counts.

ADT = Average Daily Traffic volume.



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