

December 2014

Monthly Operations Report



Table of Contents

1.0	Volumes and Lane Usage	3
2.0	Revenues	5
3.0	Operational Incidents, Issues, and Closures	5
4.0	Mean Time Between Failure (MTBF) and Mean Time to repair (MTTR)	5
5.0	Hybrid Utilization	5

TABLES

Table 1 - December 2014 Traffic Summary	3
Table 2 - Hybrid Utilization	5

FIGURES

Figure 1 - Traffic by Type	4
Figure 2 - Daily Traffic Volumes	4

INTRODUCTION

Pursuant to Schedule 6, Section 1.8.2(a) of the Concession Agreement, Plenary Roads Denver (“PRD”) is required to submit a monthly report covering all essential statistics related to the Managed Lanes. The following data covers the month of December 2014.

1.0 VOLUMES AND LANE USAGE

The total monthly traffic volume for December 2014 was 270,044.

The table below provides the monthly summary, along with a detailed breakdown of weekday volumes. For reference, the AM Peak Period is considered to be weekdays from 6:45 am – 8:45 am. The PM Peak Period is considered to be weekdays from 4:30pm – 6:00pm.

The following tables depict the daily traffic counts (Table 1) and distribution of traffic by type (Table 2) for the month.

Traffic Summary						
	AVI	LPT	HOV	Violation	Total	Hybrid
Total Monthly Traffic	67,731	28,616	173,045	652	270,044	3,731
Maximum Weekday Traffic	3,955	1,681	7,908	40	13,035	221
Average Weekday Traffic	2,258	954	5,768	22	9,001	124
Average Hourly AM Peak Traffic	1,129	477	2,884	11	4,501	124
Average Hourly PM Peak Traffic	1,505	636	3,845	14	6,001	124

Table 1 - December 2014 Traffic Summary

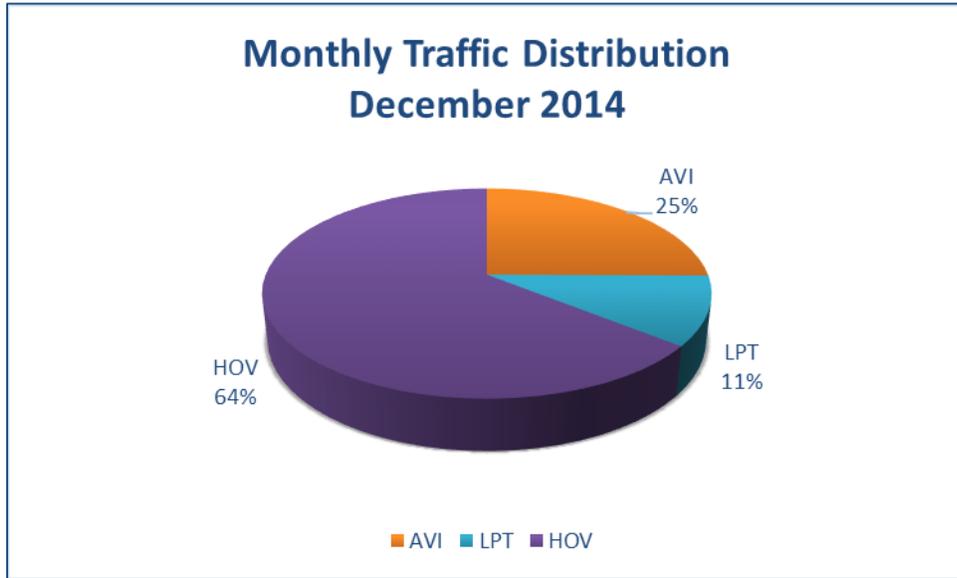


Figure 1 – Daily Traffic Counts

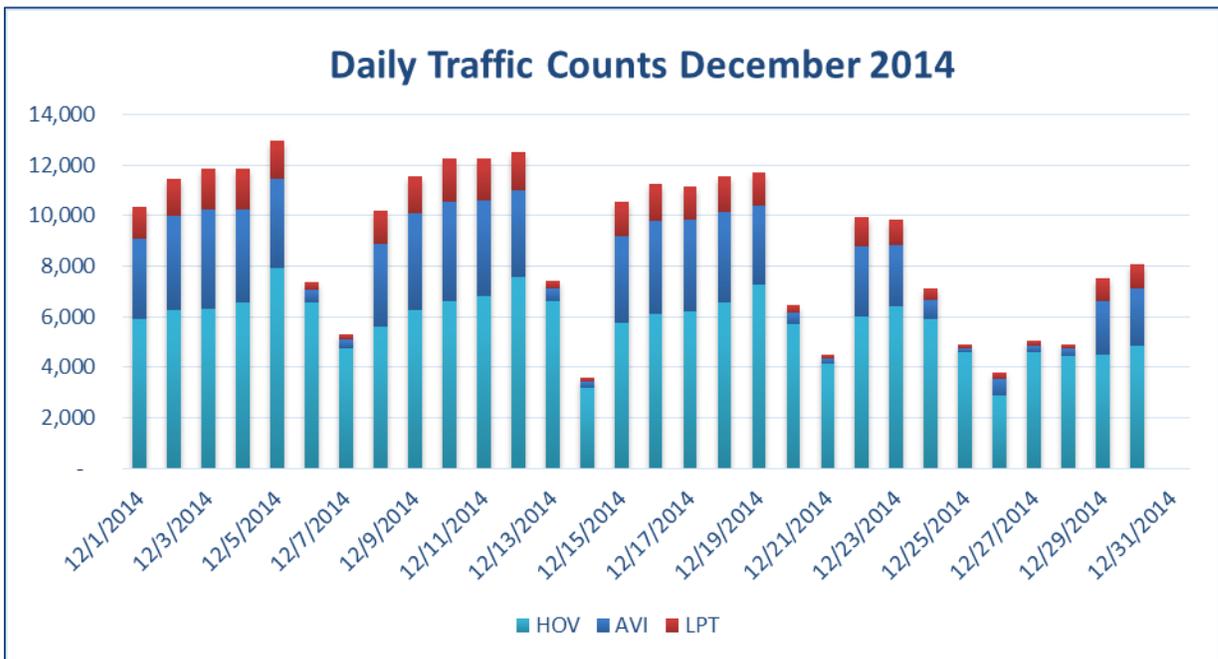


Figure 2 – Monthly Traffic Distribution

2.0 REVENUES

During the month of December 2014, PRD collected \$259,510 from users of the Managed Lanes. For the purposes of this report, revenues are recognized at the time of collection, which is typically sometime after they have been incurred for those customers who are billed based on their license plate. For example, if a single-occupant vehicle uses the lanes in March but pays in December, the associated revenue is attributed to December.

3.0 OPERATIONAL INCIDENTS, ISSUES, AND CLOSURES

In addition to routine lighting repairs, the Project experienced one Category 1 incident during the month. A brief description is provided below:

- **12/22/2014 – A lamp post fell on the 20th Street HOV Bridge. The Concessionaire responded within the allowable cure period, securing the scene until the pole could be removed.**

4.0 MEAN TIME BETWEEN FAILURE (MTBF) AND MEAN TIME TO REPAIR (MTTR)

Mean Time Between Failure (MTBF) and Mean Time To Repair (MTTR) data is provided in the table below. Only Maintained Elements that were repaired during the reporting period and had a failure type breakdown are listed in the table. We consider a breakdown to be a failure when the element cannot be used for its intended purpose until repaired.

Maintained Element	Mean Time Between Failure (MTBF) (Hours)	Mean Time To Repair (MTTR) (Hours)
040-I25-GAT-GS07-GATE07	6,724	2.0
040-I25-GAT-GS07-GATE08	6,868	2.0

5.0 HYBRID UTILIZATION

Total Hybrid Trips	Average AM Peak	Average PM Peak
3,731	124	124

Table 2 - Hybrid Utilization



Fuel efficient “Hybrid” vehicles are permitted to access the Express Lanes free of charge, regardless of occupant numbers, provided that they have obtained a permit from CDOT, obtained a Hybrid transponder from E-470, and display an E-470 Hybrid decal on the vehicle’s windshield.