

To: Operations and Scheduling Committee
From: Anne Muzzini, Director of Planning and Marketing
Reviewed By:

Date: November 22, 2010

SUBJECT: Deadhead Analysis

SUMMARY OF ISSUES:

The Committee asked for more detailed analysis of deadhead hours at the November meeting. The attached tables and graphs show the historic trend and the percentage of deadhead by route category.

The percentage of deadhead at the route level ranges from 2% to 200%. Local routes that operate all day and provide service to the Concord, Pleasant Hill, and Martinez have the lowest percentage of deadhead. School tripper routes that only provide one or two trips a day have the highest percent and Express Bus routes that serve the San Ramon, Dublin, and Antioch also have a relatively high percentage of deadhead.

School tripper routes have a high percentage of deadhead because they only operate one or two trips a day. We pull out buses to provide this service then bring them back to the yard afterwards. If the amount of time it takes to get to the start of the trip is equal to the amount of time spent in revenue service, then we have a 200% deadhead.

Scheduling staff is continually working to reduce deadhead where possible. One method used is to interline routes or otherwise link trips. For instance, once a bus is done with the student 600 route, it continues as a 96X rather than returning to the yard.

Another method used is to keep the bus in revenue service on the return trip. For instance, the 96X which operates from Walnut Creek BART to the San Ramon Transit Center, would not be taken out of service at the southern endpoint, but rather continue on route until it got to the Walnut Creek end. Another example of this would be the 93X (WC BART to Antioch). We keep the buses in service until they return to WC BART as opposed to deadheading them from Antioch in the evening.

RECOMMENDATIONS:

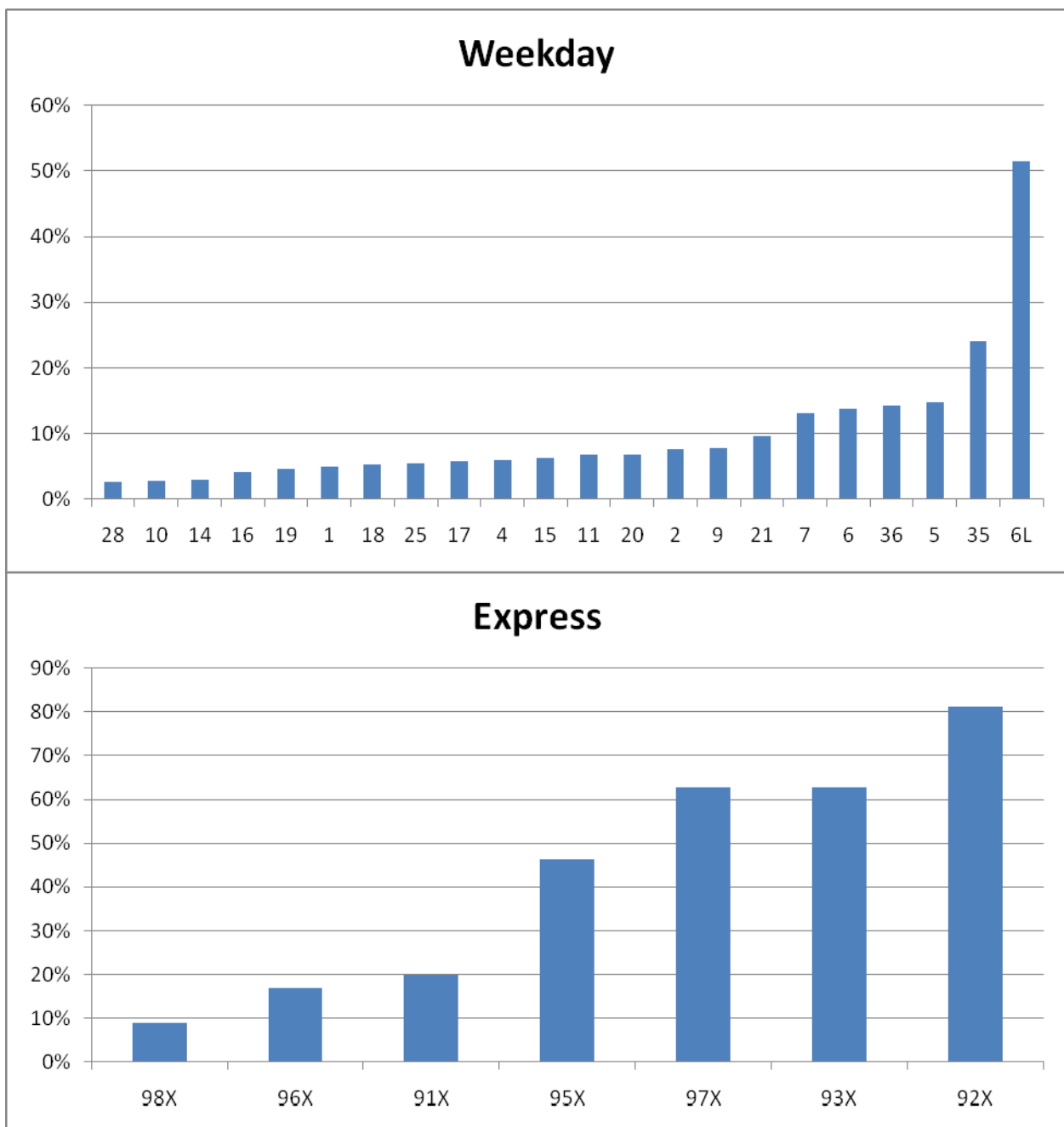
Accept report.

ATTACHMENT:

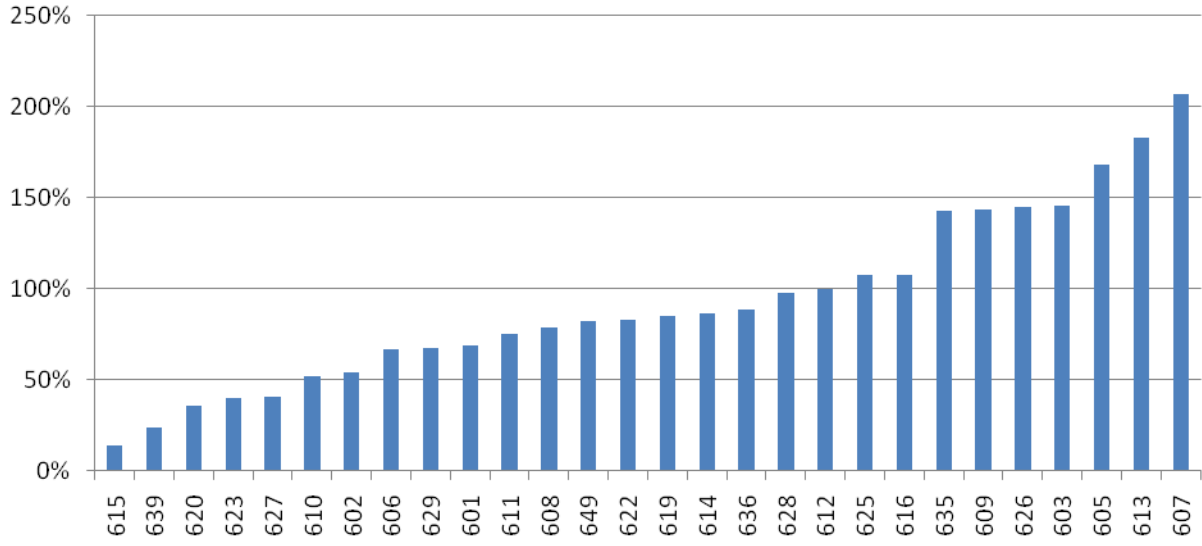
Deadhead Hours Table and Graphs

Deadhead Percentage - History

	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10
Revenue Hours	242,403	261,943	280,923	267,282	215,615
Non Revenue Hours	39,326	34,656	41,648	40,002	30,432
Total Hours	281,729	296,599	322,571	307,284	246,047
Deadhead Percent	16.2%	13.2%	14.8%	15.0%	14.1%



600's



Weekend

