

Memo

To: Mary Gibbs, Community Development Director

From: David Loveland, Manager, Transportation Planning *DL*

Date: September 14, 2004

Subject: REVISED PINE ISLAND ROAD TRAFFIC CONDITION

Back in July, I provided you a memo with Lee County DOT's conversion of annual average daily traffic (AADT) on Pine Island Road between Stringfellow Road and Burnt Store Road to an annual average, peak hour, two-way volume, for purposes of comparison to the 810/910 threshold referenced in the comprehensive plan. The AADT figure I used was based on the calendar year 2003 traffic counts (January 1 to December 31) at Permanent Count Station (PCS) #3 on Pine Island Road at Matlacha Pass. Based on an AADT of 11,543, and applying a peak-to-daily ratio of 7.8%, I had calculated an annual average, peak hour, two-way volume of 900. A correction is in order since the AADT was actually 11,573, which results in a revised annual average, peak hour, two-way volume of 903.

As noted in the Board discussion today, we do have 8 months worth of 2004 traffic count data available from PCS #3. When combined with the last four months of 2003, the updated AADT for the period from September 1, 2003 to August 30, 2004 is 12,014. After applying the 7.8% peak-to-daily ratio, this results in an annual average, peak hour, two-way volume of 937, well over the 910 threshold. A table showing the AADT calculation and conversion is attached. The Board directed that these results be reflected in the 2004 Concurrency Management Report.

Please let me know if you need any additional information.

cc: Tim Jones, Chief Assistant County Attorney
Donna Marie Collins, Assistant County Attorney
Pete Eckenrode, Development Services Director
Paul O'Connor, Planning Director
Mike Carroll, Concurrency Manager
Scott Gilbertson, DOT Director
Steve Jansen, DOT Traffic Section

**PINE ISLAND ROAD AT MATLACHA - PCS 3
ANNUAL AVERAGE DAILY TRAFFIC (AADT) CALCULATION**

	<u>Average Daily Traffic</u>
Sep. 2003	9972
Oct.	11045
Nov.	11360
Dec.	11767
Jan. 2004	13282
Feb.	14827
Mar.	14697
Apr.	13314
May	11447
June	10719
July	10456
Aug.	11286
TOTAL	<u>144172</u>

AADT (Divided by 12) = 12014

**CONVERSION TO ANNUAL AVERAGE,
PEAK HOUR, TWO-WAY TRIPS**

12014 x 7.8% = 937