

# ARTPLAN 2002 Conceptual Planning Analysis

## Description/File Information

<b>Filename</b>	D:\My Files\Escambia County\AP_Perdido_Exist_PM.xml				
<b>Analyst</b>	PBSJ				
<b>Date Prepared</b>	2/19/2004				
<b>Agency</b>	Gulf Breeze				
<b>District</b>					
<b>User Notes</b>					
<b>Study Period</b>	K100	<b>Peak Direction</b>	Northbound		
<b>Arterial Name</b>	Perdido Key Drive	<b>Begin Intersection</b>		<b>End Intersection</b>	

## Facility Data Input

Roadway Variables		Traffic Variables		Control Variables		Multimodal Variables	
Area Type	Urbanized	AADT	6800	Arrival Type	3	Paved shoulder/Bike Lane	No
Class	2	K	0.095	Signals/Mile	2.00	Outside Lane Width	Typical
Posted Speed	45	D	0.6	Cycle Length	105	Pavement Condition	Typical
# Thru Lanes	2	PHF	0.97	Through g/C	0.65	Sidewalk	Yes
Median Type	Non-Restrictive	% Turns Excl. Lanes	7	Control Type	Semiactuated	Sidewalk/Roadway Separation	Typical
Left Turn Lanes	Yes	% Heavy Vehicle	2			Sidewalk/Roadway Protective Barrier	No
		Base Sat Flow Rate	1900			Obstacle to Bus Stop	No
		Local Adjustment Factor	0.98			Bus Freq	1
		Adjusted Sat Flow Rate	1825			Bus Span Of Service	15

### Automobile Segment Data

Cross Street Name	Cycle Length	g/C	Length	AADT	Hourly Volume	% Turns Excl. Lanes	# Of Dir. Lanes	Arrival Type	Free Flow Speed
	105	0.65	0.5	6800	388	7	1	3	50
	105	0.65	0.5	6800	388	7	1	3	50
	105	0.65	0.5	6800	388	7	1	3	50
	105	0.65	0.5	6800	388	7	1	3	50

### Automobile LOS

Cross Street Name	Thru Mvmt Flow Rate	v/c	Control Delay	Intersection Approach LOS	Speed (mph)	Segment LOS
	372	0.31	8.74	A	38.2	A
	372	0.31	8.74	A	38.2	A
	372	0.31	8.74	A	38.2	A
	372	0.31	8.74	A	38.2	A
<b>Arterial Length</b>	<b>2.0</b>		<b>Auto Speed</b>	<b>38.2</b>	<b>Auto LOS</b>	<b>A</b>

### Automobile Service Volume Tables

	A	B	C	D	E
<b>Lanes</b>	<b>Hourly Volume In Peak Direction</b>				
1	660	1120	1280	***	***
2	1400	2360	2550	***	***
3	2120	3600	3830	***	***
4	2850	4840	5100	***	***
<b>Lanes</b>	<b>Hourly Volume In Both Directions</b>				
2	1100	1870	2130	***	***
4	2340	3930	4250	***	***
6	3540	5990	6380	***	***
8	4740	8060	8500	***	***
<b>Lanes</b>	<b>Annual Average Daily Traffic</b>				
2	11600	19600	22400	***	***
4	24600	41400	44800	***	***
6	37200	63100	67100	***	***
8	49900	84900	89500	***	***

### Multimodal Segment Data

Cross Street Name	Pave Shldr /Bike Lane	Outside Lane Width	Pave Cond	Side walk	Sidewalk Roadway Separation	Sidewalk Roadway Protective Barrier	Obstacle To Bus Stop	Bus Freq	Bus Span Service
	No	Typical	Typical	Yes	Typical	No	No	1	15
	No	Typical	Typical	Yes	Typical	No	No	1	15
	No	Typical	Typical	Yes	Typical	No	No	1	15
	No	Typical	Typical	Yes	Typical	No	No	1	15

### Pedestrian SubSegment Data

Cross Street Name	% of Segment			Sidewalk			Separation			Barrier		
	1	2	3	1	2	3	1	2	3	1	2	3
	100	0	0	Yes	Yes	Yes	Typical	Typical	Typical	No	No	No
	100			Yes			Typical			No		
	100			Yes			Typical			No		
	100			Yes			Typical			No		

### Multimodal LOS

Cross Street Name	Pedestrian LOS				Bicycle LOS				Bus LOS	
	1	2	3	Segment	Score	Segment	Score	Segment	Adj.Bus	
	C			C	3.25	D	4.26	E	1.05	
	C			C	3.25	D	4.26	E	1.05	
	C			C	3.25	D	4.26	E	1.05	
	C			C	3.25	D	4.26	E	1.05	
Pedestrian LOS		3.25	C	Bicycle LOS		4.26	D	Bus LOS	1.05	E

## MultiModal Service Volume Tables

### Pedestrian

	A	B	C	D	E
<b>Lanes</b>	<b>Hourly Volume In Peak Direction</b>				
1	**	**	500	> 500	***
2	**	**	1000	> 1000	***
3	**	**	1500	> 1500	***
4	**	**	2010	> 2010	***
<b>Lanes</b>	<b>Hourly Volume In Both Directions</b>				
2	**	**	840	> 840	***
4	**	**	1670	> 1670	***
6	**	**	2510	> 2510	***
8	**	**	3350	> 3350	***
<b>Lanes</b>	<b>Annual Average Daily Traffic</b>				
2	**	**	8800	> 8800	***
4	**	**	17600	> 17600	***
6	**	**	26400	> 26400	***
8	**	**	35200	> 35200	***

### Bicycle

	A	B	C	D	E
<b>Lanes</b>	<b>Hourly Volume In Peak Direction</b>				
1	**	100	180	610	>610
2	**	200	350	1220	>1220
3	**	300	530	1820	>1820
4	**	400	700	2430	>2430
<b>Lanes</b>	<b>Hourly Volume In Both Directions</b>				
2	**	170	290	1010	>1010
4	**	330	590	2030	>2030
6	**	500	880	3040	>3040
8	**	670	1170	4050	>4050
<b>Lanes</b>	<b>Annual Average Daily Traffic</b>				
2	**	1800	3100	10700	>10700
4	**	3500	6200	21300	>21300
6	**	5300	9300	32000	>32000
8	**	7000	12400	42700	>42700

### Bus

	A	B	C	D	E
<b>Lanes</b>	<b>Buses Per Hour In Peak Direction</b>				
2	>6.00	>4.00	3.00	2.00	1.00
<b>Lanes</b>	<b>Buses in Study Hour in Peak Direction (Daily)</b>				
2	>6.00	>4.00	3.00	2.00	1.00