

TECHNICAL MEMORANDUM

Hurricane Evacuation Analysis For the Proposed Gulf Coast Parkway Gulf and Bay Counties

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Opportunity Florida

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August 2006

090987.03 5316

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TECHNICAL MEMORANDUM

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INTRODUCTION

Opportunity Florida in cooperation with Florida DOT is currently analyzing alternatives for a proposed Gulf Coast Parkway which would start in the northwest coastal area of Gulf County and continue through Gulf County tying into US 231. The proposed route would appear to offer direct benefits to hurricane evacuees coming out of Gulf County and southeastern portions of Bay County, Florida. Given the incredible impact and awareness of recent evacuations for Hurricanes Katrina, Ivan and Dennis and the difficult evacuation in 1995 for Hurricane Opal, the region is exploring every avenue for improving evacuation travel flow.

In that regard, Opportunity Florida retained PBSJ to perform the necessary environmental and hurricane evacuation impact analysis for an existing base year and a future year horizon with and without the Gulf Coast Parkway. The study would recognize the incredible growth expected in the Gulf and Bay County areas. PBS&J has performed multiple hurricane evacuation studies for the area over the last 20 years including the Apalachee Bay hurricane evacuation study work for the US Army Corps of Engineers, Mobile District and the recent hurricane model update for Bay County. Since the State of Florida and the local emergency management officials recognize the PBSJ hurricane study work as the definitive tool for clearance time calculation, it was logical to use the same tool for building scenarios with and without the proposed Gulf Coast Parkway. In addition, PBSJ developed the evacuation travel demand data for the other northwest Florida counties and Alabama and this data is important in understanding regional bottlenecks for evacuation.

Figure 1 depicts the study area and proposed Gulf Coast Parkway.

Using the Transportation Analysis Update of the Apalachee and Northwest Florida Hurricane Evacuation Restudies prepared for the US Army Corps of Engineers (USACE), Mobile District and the subsequent updated model work performed for Bay County, PBS&J performed an analysis of the base year, future year no build, and future year build scenario incorporating professionally accepted evacuation behavioral and roadway parameters. PBSJ has a wealth of evacuation route choice and evacuee behavioral knowledge from analyzing actual evacuation data for major events such as Hugo, Andrew, Opal, Bertha, Fran, Floyd, and most recently Ivan, Katrina, and Rita.

The analysis process performed for the existing year (2006) and future year (2032) included the following steps:

- ~ Development of existing and future year socioeconomic data by evacuation area for each analysis year;
- ~ Refinement of behavioral assumptions by evacuation area;
- ~ Generation of evacuating people and vehicles by evacuation area;
- ~ Refinement of route utilization assumptions by evacuation area; and
- ~ Assignment of evacuating vehicles to the critical roadway segments and calculation of clearance times with and without the proposed corridor.

Figure 1

Study Area and Route Alternatives Graphic

SOCIOECONOMIC DATA

PBS&J used the hurricane model socioeconomic data by evacuation zone developed in the recent hurricane studies. This was a good starting point for population and dwelling unit data for each evacuation zone. People and vehicles per unit were developed for each evacuation area depending on the unique characteristics of each evacuation zone and census unit. A countywide population assumption of just over 153,000 people was used for Bay County and just over 15,000 people for Gulf County in the existing year 2006. A control total of 200,000 people was used for the 2032 future year condition for Bay County and just under 18,000 for Gulf County’s future 2032 population. Since the evacuation bottlenecks for the study are tend to be segments out of the north end of each county, it is more important to have the dwelling unit be as accurate as possible on a large scale (countywide) scale rather than on a zone by zone basis. However, as each county refines their future dwelling unit database, the hurricane evacuation model can accept more accurate figures zone by zone figures in an easy manner.

Table 1 summarizes the countywide totals for each analysis year and each socioeconomic data variable. Appendices A and B, provide this information for all of the evacuation zones in each county and shows which zones are subject to evacuation for each category of storm. Levels of tourist occupancy are those used in the USACE/FEMA restudy for the area. The model tool developed for this effort, allows for changes in dwelling units to test more future year scenarios if desired.

Table 1
Socioeconomic Data Summary
Gulf Coast Parkway Hurricane Evacuation Analysis

<u>Year</u>	<u>Permanent Population</u>	<u>Permanent Occupied Units</u>	<u>Permanent Resident Mobile Homes</u>	<u>Seasonal Units</u>
2006	Bay - 153,200	Bay - 61,000	Bay - 14,100	Bay - 21,300
	Gulf - 15,160	Gulf - 5,600	Gulf - 2,150	Gulf - 1,400
2032	Bay - 200,300	Bay - 80,850	Bay - 18,400	Bay - 27,700
	Gulf - 17,850	Gulf - 6,650	Gulf - 2,500	Gulf - 1,850

BEHAVIORAL ASSUMPTIONS

To calculate reliable estimates of evacuation clearance times, PBS&J had to make good assumptions about what the evacuating population will do. Assumptions regarding participation rates, destination percentages, and vehicle usage were made for permanent residents and tourists. Through pre and post storm behavioral analyses accomplished by behavioral scientists at Florida State University over the last 30 years, PBS&J refined the necessary parameters for each zone.

Of particular importance for this study are those related to participation rates and percent of evacuees going out of county. Generally the analysis assumes participation of all permanent and seasonal residents in surge vulnerable zones, all mobile home residents inland, and an increasing percentage of “shadow evacuees” for each jump in storm category. The analysis also includes a larger percentage of evacuees going out of county for each increase in storm category. Some of the inland participation rates have been increased over the prior hurricane evacuation study assumptions due to the effects of Hurricane Katrina/Rita on evacuation awareness. Appendices A and B provide the behavioral assumptions by evacuation zone by storm category for each model scenario.

EVACUATING PEOPLE AND VEHICLES

Using the socioeconomic data and behavioral assumptions by evacuation zone, evacuating people, public shelter demand, and evacuating vehicles were generated for each hurricane scenario under two levels of tourist occupancy. This was accomplished for 2006 and 2032. Appendices A and B provide all of the generated evacuating people and vehicle statistics by evacuation area and by analysis year. It is important to point out that evacuating people and vehicles refer to those leaving their homes to go to some place perceived as safer. The number of evacuees who will leave in a category 4-5 hurricane is the focal point of this analysis and therefore it is important to accurately project how many vehicles might leave each county and traverse SR71 through Wewahitchka, CR 386 into Wewahitchka, and US 231 northbound in Bay County.

ROUTE UTILIZATION BY EVACUATION AREA

One of the most important steps in this analysis process was the determination of which evacuation areas would use the existing routes and specifically the Gulf Coast Parkway if it is built. Specifically, the portion of each evacuation zone's total evacuating vehicles going out of the county was reviewed and the percent exiting by major route was noted. Next, each zone's proximity and access to each exiting route was gauged and an estimate of its propensity to use the route was designated based on trip distribution and zonal characteristics. Gulf and Bay County are situated such that all evacuees have to go northbound before they can go east or west or continue northward. The approach direction of any given hurricane has a lot to do with the directional choice of east west traffic that goes to I-10. For the future year scenario with a widened SR 77 and SR 79, some of the evacuee traffic that might use US 231 was shifted over to the improved SR 77/79 evacuation corridors. Appendix D provides these critical assumptions regarding route utilization by evacuation area with and without the Gulf Coast Parkway.

EVACUATING VEHICLES BY ROADWAY SEGMENT/EVACUATION CLEARANCE TIMES

Using the evacuating vehicles by evacuation area and route utilization assumptions for each area, evacuating vehicles were quantified for each storm scenario and tourist occupancy assumption for the following bottleneck roadway segments:

-  SR 71 through Wewahitchka
-  CR 386 to Wewahitchka
-  US 231 northbound at SR 20
-  Gulf Coast Parkway Segment A
-  Gulf Coast Parkway Segment B
-  Gulf Coast Parkway Segment C/D
-  Gulf Coast Parkway Segment E/F

Appendices A and B provide the evacuating vehicle volumes by road segment for each storm category, tourist occupancy, and analysis year. The appendix also shows the hourly-generalized evacuation directional service volumes for each roadway segment for each quarter of the

evacuation. This is an estimate of the number of vehicles per hour that is assumed to be able to get through each segment. The expected service volume will decrease as the evacuation progresses and then recover near the end of the process. PBSJ has examined directional traffic counts during actual evacuations for different facility types to understand the levels of traffic that can be carried throughout the process. FDOT has provided these figures for previous post storm evacuation assessments which PBSJ has been involved.

Table 2 provides a summary of hurricane evacuation clearance times associated with the existing 2006 base year, the 2032 no build, and 2032 scenario with the proposed Gulf Coast Parkway in place. The data is presented by key bottleneck location. **For Bay County, existing category 4-5 hurricane worst-case clearance times for out of county evacuation movements are 20 to 25 hours depending on the level of tourist occupancy at the start of an evacuation. For Gulf County, existing worst case clearance times are 10 to 12 hours. The controlling bottleneck for clearance times is SR 71 through Wewahitchka for Gulf County evacuations and US 231 northbound at SR 20 for Bay County evacuations.**

For the year 2032, even with planned roadway improvements *but no Gulf Coast Parkway*, Gulf County clearance times will increase to the 12 to 14 hour range and Bay County clearance times will increase to the 26 to 32 hour range depending upon tourist occupancy. This condition puts the area in a situation where evacuation decision making would have to be made in the hurricane watch period when the National Hurricane Center has very little confidence in the storm track or intensity forecast, much less forward speed of the storm. The appendices also provided the associated evacuation clearance times for the existing road network, future no build, and future widened route option.

For the Year 2032, with the proposed Gulf Coast Parkway in place, clearance times would drop 8 to 10 hours for Gulf County as traffic would be lessened on SR 71 through Wewahitchka and attracted to US 231. For Bay County, clearance times (associated with US 231 northbound at SR 20) would actually increase 29 to 36 hours with the Gulf Coast Parkway in place assuming both Gulf and Bay County are evacuating. This is because US 231 northbound would now be carrying a portion of SR 71 traffic that previously was using SR

71 for evacuation. However, US 231 northbound at SR 20 could be contraflowed so that 3 of the 4 (or all 4) lanes are used for northbound evacuation traffic. **With the Gulf Coast Parkway in place and US 231 northbound contraflowed, times for Bay County would drop to the 22 to 28 hour range.**

The hurricane evacuation benefits of the proposed Gulf Cost Parkway must be weighed in respect to the environmental impacts and the benefits or disadvantages to other community goals that have been established within the region. This analysis in no way attempts to analyze the route options for impacts other than hurricane evacuation.

Table 2

Hurricane Evacuation Clearance Times (in hours)
 Worst Case - Category 4 - 5 Hurricane - High Tourist Occupancy
 Gulf Coast Parkway Hurricane Evacuation Analysis

<u>Evacuation Bottlenecks</u>	Existing Road Network Year 2006 Base Year	Year 2032 <i>No-Build Option</i>	Year 2032 <i>With Planned Improvements and GCP</i>	Year 2032 <i>With GCP and US 231 Contraflow</i>
<u>Bay County</u>				
US 231 nb at SR 20	25	32	36	28
<u>Gulf County</u>				
SR 71 through Wewahitchka	12	14	10	10

Appendix A

Year 2006 Base Year Hurricane Evacuation Model Materials

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis

BEHAVIORAL DATA

Evac Zone	Participation Rates									Permanent Resident Vehicle Usage and Destination									
	Cat 1	Cat 1	Cat 1	Cat 2-3	Cat 2-3	Cat 2-3	Cat 4-5	Cat 4-5	Cat 4-5	Cat 1	Cat 2-3	Cat 4-5	Cat 1	Cat 2-3	Cat 4-5	Cat 1	Cat 2-3	Cat 4-5	Vehicle
	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Percent to	Percent to	Percent to	Percent	Percent	Percent	Percent to	Percent to	Percent to	Usage %
	Perm. Units	MH Units	Tour. Units	Perm. Units	MH Units	Tour. Units	Perm. Units	MH Units	Tour. Units	Pub. Shelt.	Pub. Shelt.	Pub. Shelt.	Out of County	Out of County	Out of County	Local Res.	Local Res.	Local Res.	Perm. & MH
Bay 1a PCB Beachfront	90%	90%	100%	100%	100%	100%	100%	100%	100%	3%	3%	3%	50%	60%	85%	47%	37%	12%	80%
Bay 1b Gulf Lagoon/Biltmore Bch/State	90%	90%	100%	100%	100%	100%	100%	100%	100%	3%	3%	3%	50%	60%	85%	47%	37%	12%	80%
Bay 2 Sunnyside/Luguna Bch	90%	90%	100%	100%	100%	100%	100%	100%	100%	3%	3%	3%	50%	60%	85%	47%	37%	12%	80%
Bay 3 St And Snd/Mex Bch front	90%	90%	100%	100%	100%	100%	100%	100%	100%	3%	3%	3%	50%	60%	85%	47%	37%	12%	80%
Bay 4 East Bay south shore	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 5 East Bay north shore	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 6 West Bay south shore/bayou	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 7a West Bay north shore/bayou	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 7b North Bay north shore/bayou	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 8 North Bay southeast shore/bayou	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 9 area e of Thomas Dr/PCB rem	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 10 Powell Lake Area	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 11 West Bay s and w cat 2 area	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 12 North Bay n shore cat 2 area	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 13 Lynn Haven and s cat 2 area	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 14 St Andrew Bay n shore area	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 15 Pitts Bayou/Callaway	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 16 Mexico Bch rem	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 17 Tyndall AFB	2%	90%	5%	10%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 18 PCB inland US98 areas	2%	90%	5%	10%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 19 Cat 4-5 area w of SR 79	2%	90%	5%	10%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 20 North Bay cat 4-5 area	2%	90%	5%	10%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 21 Panama City cat 4-5 area	2%	90%	5%	10%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 22 Deer Pt Lake/upper bayous	2%	90%	5%	10%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 23 Cedar Gt/Springfield/Parker inl	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Bay 24 Hiland Pk/P City nw inland	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Bay 25 SR 22 se inland areas	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Bay 26 Youngstown/Fountain/nw area	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Bay 27 Vicksburg/SR 77 n centr inl	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Bay 28 SR 79 nw inland area	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Gulf 1 St. Joseph Peninsula	100%	100%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	75%	80%	85%	20%	15%	10%	75%
Gulf 2 Indian Pass Coastal	100%	100%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	75%	80%	85%	20%	15%	10%	75%
Gulf 3 Port St Joe Waterfront	100%	100%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	75%	80%	85%	20%	15%	10%	75%
Gulf 4 Highland View Coastal	100%	100%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	75%	80%	85%	20%	15%	10%	75%
Gulf 5 Lake Wimico	100%	100%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	75%	80%	85%	20%	15%	10%	75%
Gulf 6 Indian Pass Inland	5%	100%	100%	100%	100%	100%	100%	100%	100%	10%	10%	5%	70%	70%	80%	20%	20%	15%	75%
Gulf 7 Port St Joe Inland	5%	100%	100%	100%	100%	100%	100%	100%	100%	10%	10%	5%	70%	70%	80%	20%	20%	15%	75%
Gulf 8 St. Joe Beach	5%	100%	100%	100%	100%	100%	100%	100%	100%	10%	10%	5%	70%	70%	80%	20%	20%	15%	75%
Gulf 9 Overstreet	5%	100%	100%	100%	100%	100%	100%	100%	100%	10%	10%	5%	70%	70%	80%	20%	20%	15%	75%
Gulf 10 Howard Creek	5%	100%	100%	100%	100%	100%	100%	100%	100%	10%	10%	5%	70%	70%	80%	20%	20%	15%	75%
Gulf 11 Highland View Inland	5%	100%	100%	20%	100%	100%	100%	100%	100%	15%	15%	10%	20%	30%	80%	65%	55%	10%	75%
Gulf 12 Chipola River/White City	5%	100%	100%	20%	100%	100%	100%	100%	100%	15%	15%	10%	20%	30%	80%	65%	55%	10%	75%
Gulf 13 Honeyville	1%	100%	100%	2%	100%	100%	50%	100%	100%	15%	15%	10%	20%	30%	50%	65%	55%	40%	75%
Gulf 14 Northern Gulf County	1%	100%	100%	2%	100%	100%	50%	100%	100%	15%	15%	10%	20%	30%	50%	65%	55%	40%	75%
Gulf 15 Wewahitchka	1%	100%	100%	2%	100%	100%	50%	100%	100%	15%	15%	10%	20%	30%	50%	65%	55%	40%	75%

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis							
BEHAVIORAL DATA (Continued)							
Tourist Vehicle Usage and Destination Data							
Evac Zone	Vehicle Usage %	Cat 1	Cat 2-3	Cat 4-5	Cat 1	Cat 2-3	Cat 4-5
	Tourist	Percent to PS Tourist	Percent to PS Tourist	Percent to PS Tourist	Percent Out County Tour.	Percent Out County Tour.	Percent Out County Tour.
Bay 1a PCB Beachfront	100%	5%	5%	5%	95%	95%	95%
Bay 1b Gulf Lagoon/Biltmore Bch/State	100%	5%	5%	5%	95%	95%	95%
Bay 2 Sunnyside/Luguna Bch	100%	5%	5%	5%	95%	95%	95%
Bay 3 St And Snd/Mex Bch front	100%	5%	5%	5%	95%	95%	95%
Bay 4 East Bay south shore	100%	5%	5%	5%	95%	95%	95%
Bay 5 East Bay north shore	100%	5%	5%	5%	95%	95%	95%
Bay 6 West Bay south shore/bayou	100%	5%	5%	5%	95%	95%	95%
Bay 7a West Bay north shore/bayou	100%	5%	5%	5%	95%	95%	95%
Bay 7b North Bay north shore/bayou	100%	5%	5%	5%	95%	95%	95%
Bay 8 North Bay southeast shore/bayou	100%	5%	5%	5%	95%	95%	95%
Bay 9 area e of Thomas Dr/ PCB rem	100%	5%	5%	5%	95%	95%	95%
Bay10 Powell Lake Area	100%	5%	5%	5%	95%	95%	95%
Bay 11 West Bay s and w cat 2 area	100%	5%	5%	5%	95%	95%	95%
Bay 12 North Bay n shore cat 2 area	100%	5%	5%	5%	95%	95%	95%
Bay 13 Lynn Haven and s cat 2 area	100%	5%	5%	5%	95%	95%	95%
Bay 14 St Andrew Bay n shore area	100%	5%	5%	5%	95%	95%	95%
Bay 15 Pitts Bayou/Callaway	100%	5%	5%	5%	95%	95%	95%
Bay 16 Mexico Bch rem	100%	5%	5%	5%	95%	95%	95%
Bay 17 Tyndall AFB	100%	5%	5%	5%	95%	95%	95%
Bay 18 PCB inland US98 areas	100%	5%	5%	5%	95%	95%	95%
Bay 19 Cat 4-5 area w of SR 79	100%	5%	5%	5%	95%	95%	95%
Bay 20 North Bay cat 4-5 area	100%	5%	5%	5%	95%	95%	95%
Bay 21 Panama City cat 4-5 area	100%	5%	5%	5%	95%	95%	95%
Bay 22 Deer Pt Lake/upper bayous	100%	5%	5%	5%	95%	95%	95%
Bay 23 Cedar Gr/Springfield/Parker inl	100%	5%	5%	5%	95%	95%	95%
Bay 24 Hiland Pk/P City nw inland	100%	5%	5%	5%	95%	95%	95%
Bay 25 SR 22 se inland areas	100%	5%	5%	5%	95%	95%	95%
Bay 26 Youngstown/Fountain/nw area	100%	5%	5%	5%	95%	95%	95%
Bay 27 Vicksburg/SR 77 n centr inl	100%	5%	5%	5%	95%	95%	95%
Bay 28 SR 79 nw inland area	100%	5%	5%	5%	95%	95%	95%
Gulf 1 St. Joseph Peninsula	100%	0%	0%	0%	100%	100%	100%
Gulf 2 Indian Pass Coastal	100%	0%	0%	0%	100%	100%	100%
Gulf 3 Port St Joe Waterfront	100%	0%	0%	0%	100%	100%	100%
Gulf 4 Highland View Coastal	100%	0%	0%	0%	100%	100%	100%
Gulf 5 Lake Wimico	100%	0%	0%	0%	100%	100%	100%
Gulf 6 Indian Pass Inland	100%	0%	0%	0%	100%	100%	100%
Gulf 7 Port St Joe Inland	100%	0%	0%	0%	100%	100%	100%
Gulf 8 St. Joe Beach	100%	0%	0%	0%	100%	100%	100%
Gulf 9 Overstreet	100%	0%	0%	0%	100%	100%	100%
Gulf 10 Howard Creek	100%	0%	0%	0%	100%	100%	100%
Gulf 11 Highland View Inland	100%	0%	0%	0%	100%	100%	100%
Gulf 12 Chipola River/White City	100%	0%	0%	0%	100%	100%	100%
Gulf 13 Honeyville	100%	0%	0%	0%	100%	100%	100%
Gulf 14 Northern Gulf County	100%	0%	0%	0%	100%	100%	100%
Gulf 15 Wewahitchka	100%	0%	0%	0%	100%	100%	100%

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis
EVACUATION PEOPLE AND VEHICLE STATISTICS- BASE YEAR

Evac Zone	Evacuating people						Public Shelter Demand					
	Cat 1		Cat 2-3		Cat 4-5		Cat 1		Cat 2-3		Cat 4-5	
	Evac Pop Low Occ	Evac Pop High Occ	Evac Pop Low Occ	Evac Pop High Occ	Evac Pop Low Occ	Evac Pop High Occ	PS Demand Low Occ	PS Demand High Occ	PS Demand Low Occ	PS Demand High Occ	PS Demand Low Occ	PS Demand High Occ
Bay 1a PCB Beachfront	5527	9100	5925	9497	5925	9497	205	383	217	395	217	395
Bay 1b Gulf Lagoon/Biltmore Bch/State	14028	23343	15022	24337	15022	24337	522	988	552	1018	552	1018
Bay 2 Sunnyside/Luguna Bch	3999	5779	4335	6115	4335	6115	139	228	149	239	149	239
Bay 3 St And Snd/Mex Bch front	585	874	633	922	633	922	21	35	22	37	22	37
Bay 4 East Bay south shore	296	315	328	347	328	347	15	16	16	17	16	17
Bay 5 East Bay north shore	1186	1238	1314	1366	1314	1366	59	62	66	68	66	68
Bay 6 West Bay south shore/bayou	728	785	805	863	805	863	36	39	40	43	40	43
Bay 7a West Bay north shore/bayou	241	241	268	268	268	268	12	12	13	13	13	13
Bay 7b North Bay north shore/bayou	241	241	268	268	268	268	12	12	13	13	13	13
Bay 8 North Bay southeast shore/bayou	3357	3357	3731	3731	3731	3731	168	168	187	187	187	187
Bay 9 area e of Thomas Dr/ PCB rem	2933	3342	10347	18519	10347	18519	282	303	812	1220	812	1220
Bay 10 Powell Lake Area	250	255	760	856	760	856	25	25	73	78	73	78
Bay 11 West Bay s and w cat 2 area	443	453	1100	1292	1100	1292	44	45	105	114	105	114
Bay 12 North Bay n shore cat 2 area	220	220	268	268	268	268	22	22	27	27	27	27
Bay 13 Lynn Haven and s cat 2 area	313	313	1741	1741	1741	1741	31	31	174	174	174	174
Bay 14 St Andrew Bay n shore area	1731	1827	12863	14788	12863	14788	170	175	1234	1330	1234	1330
Bay 15 Pitts Bayou/Callaway	2020	2029	8312	8505	8312	8505	202	202	826	836	826	836
Bay 16 Mexico Bch rem	372	401	1345	1923	1345	1923	36	38	119	148	119	148
Bay 17 Tyndall AFB	326	343	494	528	2086	2423	32	33	48	50	199	216
Bay 18 PCB inland US98 areas	4176	4635	5430	6348	16505	25691	405	428	518	564	1400	1859
Bay 19 Cat 4-5 area w of SR 79	2015	2103	2427	2603	4977	6730	199	203	238	247	450	538
Bay 20 North Bay cat 4-5 area	676	676	756	756	804	804	68	68	76	76	80	80
Bay 21 Panama City cat 4-5 area	920	930	1975	1994	13037	13230	92	92	197	198	1298	1308
Bay 22 Deer Pt Lake/upper bayous	675	677	761	764	891	930	67	68	76	76	88	90
Bay 23 Cedar Gr/Springfield/Parker inl	4983	5040	5265	5380	18385	19540	744	747	783	789	2695	2752
Bay 24 Hilland Pk/P City nw inland	4588	4684	4810	5003	14418	16343	683	688	711	721	2058	2154
Bay 25 SR 22 se inland areas	1139	1140	1165	1168	2519	2548	171	171	175	175	376	378
Bay 26 Youngstown/Fountain/nw area	4629	4637	4653	4668	6179	6333	694	694	697	698	918	926
Bay 27 Vicksburg/SR 77 n centr inl	975	975	985	985	1,575	1,575	146	146	148	148	236	236
Bay 28 SR 79 nw inland area	488	488	493	493	804	804	73	73	74	74	121	121
Gulf 1 St. Joseph Peninsula	624	687	624	687	624	687	30	30	30	30	30	30
Gulf 2 Indian Pass Coastal	908	1622	908	1622	908	1622	36	36	36	36	36	36
Gulf 3 Port St Joe Waterfront	1773	1780	1773	1780	1773	1780	89	89	89	89	89	89
Gulf 4 Highland View Coastal	185	250	185	250	185	250	8	8	8	8	8	8
Gulf 5 Lake Wimico	268	331	268	331	268	331	13	13	13	13	13	13
Gulf 6 Indian Pass Inland	15	21	206	213	206	213	1	1	20	20	20	20
Gulf 7 Port St Joe Inland	147	153	2066	2073	2066	2073	14	14	206	206	206	206
Gulf 8 St. Joe Beach	445	728	963	1246	963	1246	37	37	89	89	89	89
Gulf 9 Overstreet	600	915	1191	1506	1191	1506	52	52	111	111	111	111
Gulf 10 Howard Creek	837	1186	867	1215	867	1215	74	74	77	77	77	77
Gulf 11 Highland View Inland	242	404	292	454	558	720	30	30	37	37	77	77
Gulf 12 Chipola River/White City	660	888	686	913	821	1048	90	90	94	94	114	114
Gulf 13 Honeyville	807	1104	809	1106	894	1191	109	109	109	109	122	122
Gulf 14 Northern Gulf County	2077	2488	2086	2497	2518	2930	295	295	296	296	361	361
Gulf 15 Wewahitchka	688	895	698	905	1153	1360	95	95	96	96	165	165

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis
EVACUATION PEOPLE AND VEHICLE STATISTICS- BASE YEAR (Continued)

Evac Zone	Evacuating Vehicles						Out of County Evacuating Vehicles					
	Cat 1		Cat 2-3		Cat 4-5		Cat 1		Cat 2-3		Cat 4-5	
	Evac Veh Low Occ	Evac Veh High Occ	Evac Veh Low Occ	Evac Veh High Occ	Evac Veh Low Occ	Evac Veh High Occ	Evac Veh Low Occ	Evac Veh High Occ	Evac Veh Low Occ	Evac Veh High Occ	Evac Veh Low Occ	Evac Veh High Occ
Bay 1a PCB Beachfront	2763	3886	3002	4124	3002	4124	1657	2724	2015	3082	2613	3679
Bay 1b Gulf Lagoon/Biltmore Bch/State	6718	9646	7287	10215	7287	10215	4078	6859	4931	7713	6354	9135
Bay 2 Sunnyside/Luguna Bch	2124	2684	2326	2886	2326	2886	1200	1731	1503	2034	2008	2540
Bay 3 St And Snd/Mex Bch front	232	323	252	343	252	343	138	224	169	255	219	306
Bay 4 East Bay south shore	125	131	139	145	139	145	58	64	77	83	118	124
Bay 5 East Bay north shore	638	654	708	724	708	724	292	307	393	408	603	618
Bay 6 West Bay south shore/bayou	428	446	475	493	475	493	198	215	265	282	404	422
Bay 7a West Bay north shore/bayou	140	140	155	155	155	155	63	63	85	85	132	132
Bay 7b North Bay north shore/bayou	140	140	155	155	155	155	63	63	85	85	132	132
Bay 8 North Bay southeast shore/bayou	1825	1825	2028	2028	2028	2028	821	821	1115	1115	1724	1724
Bay 9 area e of Thomas Dr/ PCB rem	1495	1624	4498	7066	4498	7066	565	687	2724	5164	3653	6093
Bay 10 Powell Lake Area	131	132	388	419	388	419	46	48	183	212	295	323
Bay 11 West Bay s and w cat 2 area	210	213	506	567	506	567	74	77	244	302	386	444
Bay 12 North Bay n shore cat 2 area	111	111	136	136	136	136	39	39	61	61	102	102
Bay 13 Lynn Haven and s cat 2 area	149	149	828	828	828	828	52	52	373	373	621	621
Bay 14 St Andrew Bay n shore area	815	845	5949	6554	5949	6554	295	324	2842	3417	4528	5103
Bay 15 Pitts Bayou/Callaway	960	963	3937	3997	3937	3997	337	340	1788	1846	2959	3017
Bay 16 Mexico Bch rem	138	147	483	665	483	665	51	60	267	439	382	555
Bay 17 Tyndall AFB	121	126	183	194	183	194	44	49	85	95	516	617
Bay 18 PCB inland US98 areas	2142	2287	2749	3038	2749	3038	797	934	1316	1590	5424	8167
Bay 19 Cat 4-5 area w of SR 79	1012	1039	1212	1267	1212	1267	363	389	560	613	1610	2133
Bay 20 North Bay cat 4-5 area	343	343	383	383	407	407	120	120	172	172	265	265
Bay 21 Panama City cat 4-5 area	437	440	938	944	6185	6245	154	157	424	429	4030	4087
Bay 22 Deer Pt Lake/upper bayous	321	322	361	363	421	433	113	113	163	164	275	287
Bay 23 Cedar Gr/Springfield/Parker inl	2365	2383	2494	2530	8643	9006	363	380	637	672	4411	4756
Bay 24 Hilland Pk/P City nw inland	2174	2204	2271	2332	6689	7294	339	368	591	648	3493	4068
Bay 25 SR 22 se inland areas	516	516	527	528	1139	1148	78	78	132	133	572	580
Bay 26 Youngstown/Fountain/nw area	1841	1843	1850	1854	2450	2499	277	279	464	469	1237	1283
Bay 27 Vicksburg/SR 77 n centr inl	494	494	499	499	798	798	74	74	125	125	399	399
Bay 28 SR 79 nw inland area	247	247	250	250	407	407	37	37	62	62	204	204
Gulf 1 St. Joseph Peninsula	330	352	330	352	330	352	249	271	265	287	281	303
Gulf 2 Indian Pass Coastal	486	735	486	735	486	735	381	631	402	652	423	673
Gulf 3 Port St Joe Waterfront	888	890	888	890	888	890	666	668	710	713	755	757
Gulf 4 Highland View Coastal	98	121	98	121	98	121	75	98	80	103	85	107
Gulf 5 Lake Wimico	113	135	113	135	113	135	86	108	92	114	97	119
Gulf 6 Indian Pass Inland	7	9	97	100	97	100	5	7	68	71	78	80
Gulf 7 Port St Joe Inland	72	75	1021	1023	1021	1023	51	53	715	717	817	819
Gulf 8 St. Joe Beach	226	325	505	604	505	604	166	265	361	461	409	508
Gulf 9 Overstreet	305	415	620	730	620	730	222	332	443	553	502	612
Gulf 10 Howard Creek	344	466	356	478	356	478	250	372	259	381	291	413
Gulf 11 Highland View Inland	122	178	149	205	291	348	36	93	55	112	236	293
Gulf 12 Chipola River/White City	311	390	323	403	388	468	79	159	112	191	315	395
Gulf 13 Honeyville	401	505	402	506	446	550	102	206	140	244	237	341
Gulf 14 Northern Gulf County	659	803	661	805	798	942	162	307	225	369	418	562
Gulf 15 Wewahitchka	326	398	330	403	550	623	81	153	113	185	285	357

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis							
ROUTE UTILIZATION BY ZONE FOR EXITING VEHICLES							
CATEGORY 4/5 HURRICANE							
With No New Corridor	Base Year						
Evac Zone	% Using SR 71 nb thru Wewa	% Using CR 386 at SR 71	% Using US 231 nb at SR20	% Using GCP Segment A	% Using GCP Segment B	% Using GCP Segment C/D	% Using GCP Segment E/F
Bay 1a PCB Beachfront	0%	0%	75%	0%	0%	0%	0%
Bay 1b Gulf Lagoon/Biltmore Bch/State	0%	0%	90%	0%	0%	0%	0%
Bay 2 Sunnyside/Luguna Bch	0%	0%	20%	0%	0%	0%	0%
Bay 3 St And Snd/Mex Bch front	70%	70%	20%	0%	0%	0%	0%
Bay 4 East Bay south shore	30%	30%	65%	0%	0%	0%	0%
Bay 5 East Bay north shore	0%	0%	85%	0%	0%	0%	0%
Bay 6 West Bay south shore/bayou	0%	0%	50%	0%	0%	0%	0%
Bay 7a West Bay north shore/bayou	0%	0%	30%	0%	0%	0%	0%
Bay 7b North Bay north shore/bayou	0%	0%	35%	0%	0%	0%	0%
Bay 8 North Bay southeast shore/bayou	0%	0%	90%	0%	0%	0%	0%
Bay 9 area e of Thomas Dr/ PCB rem	0%	0%	80%	0%	0%	0%	0%
Bay10 Powell Lake Area	0%	0%	20%	0%	0%	0%	0%
Bay 11 West Bay s and w cat 2 area	0%	0%	50%	0%	0%	0%	0%
Bay 12 North Bay n shore cat 2 area	0%	0%	35%	0%	0%	0%	0%
Bay 13 Lynn Haven and s cat 2 area	0%	0%	90%	0%	0%	0%	0%
Bay 14 St Andrew Bay n shore area	0%	0%	80%	0%	0%	0%	0%
Bay 15 Pitts Bayou/Callaway	0%	0%	95%	0%	0%	0%	0%
Bay 16 Mexico Bch rem	70%	70%	20%	0%	0%	0%	0%
Bay 17 Tyndall AFB	30%	30%	65%	0%	0%	0%	0%
Bay 18 PCB inland US98 areas	0%	0%	60%	0%	0%	0%	0%
Bay 19 Cat 4-5 area w of SR 79	0%	0%	10%	0%	0%	0%	0%
Bay 20 North Bay cat 4-5 area	0%	0%	35%	0%	0%	0%	0%
Bay 21 Panama City cat 4-5 area	0%	0%	70%	0%	0%	0%	0%
Bay 22 Deer Pt Lake/upper bayous	0%	0%	80%	0%	0%	0%	0%
Bay 23 Cedar Gr/Springfield/Parker inl	0%	0%	90%	0%	0%	0%	0%
Bay 24 Hiland Pk/P City nw inland	0%	0%	90%	0%	0%	0%	0%
Bay 25 SR 22 se inland areas	0%	0%	95%	0%	0%	0%	0%
Bay 26 Youngstown/Fountain/nw area	0%	0%	100%	0%	0%	0%	0%
Bay 27 Vicksburg/SR 77 n centr inl	0%	0%	15%	0%	0%	0%	0%
Bay 28 SR 79 nw inland area	0%	0%	10%	0%	0%	0%	0%
Gulf 1 St. Joseph Peninsula	85%	0%	0%	0%	0%	0%	0%
Gulf 2 Indian Pass Coastal	85%	0%	0%	0%	0%	0%	0%
Gulf 3 Port St Joe Waterfront	100%	0%	0%	0%	0%	0%	0%
Gulf 4 Highland View Coastal	100%	15%	0%	0%	0%	0%	0%
Gulf 5 Lake Wimico	100%	0%	0%	0%	0%	0%	0%
Gulf 6 Indian Pass Inland	85%	0%	0%	0%	0%	0%	0%
Gulf 7 Port St Joe Inland	100%	0%	0%	0%	0%	0%	0%
Gulf 8 St. Joe Beach	100%	30%	0%	0%	0%	0%	0%
Gulf 9 Overstreet	100%	95%	0%	0%	0%	0%	0%
Gulf 10 Howard Creek	100%	0%	0%	0%	0%	0%	0%
Gulf 11 Highland View Inland	100%	20%	0%	0%	0%	0%	0%
Gulf 12 Chipola River/White City	100%	5%	0%	0%	0%	0%	0%
Gulf 13 Honeyville	100%	20%	0%	0%	0%	0%	0%
Gulf 14 Northern Gulf County	100%	0%	0%	0%	0%	0%	0%
Gulf 15 Wewahitchka	100%	0%	0%	0%	0%	0%	0%

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis							
ROUTE UTILIZATION BY ZONE FOR EXITING VEHICLES							
CATEGORY 4/5 HURRICANE (Continued)							
With New Gulf Coast Parkway	Base Year						
Evac Zone	% Using SR 71 nb thru Wewa	% Using CR 386 at SR 71	% Using US 231 nb at SR20	% Using GCP Segment A	% Using GCP Segment B	% Using GCP Segment C/D	% Using GCP Segment E/F
Bay 1a PCB Beachfront	0%	0%	75%	0%	0%	0%	0%
Bay 1b Gulf Lagoon/Biltmore Bch/State	0%	0%	90%	0%	0%	0%	0%
Bay 2 Sunnyside/Luguna Bch	0%	0%	30%	0%	0%	0%	0%
Bay 3 St And Snd/Mex Bch front	5%	5%	80%	60%	60%	60%	60%
Bay 4 East Bay south shore	5%	5%	75%	25%	25%	25%	25%
Bay 5 East Bay north shore	0%	0%	95%	0%	0%	0%	0%
Bay 6 West Bay south shore/bayou	0%	0%	60%	0%	0%	0%	0%
Bay 7a West Bay north shore/bayou	0%	0%	40%	0%	0%	0%	0%
Bay 7b North Bay north shore/bayou	0%	0%	45%	0%	0%	0%	0%
Bay 8 North Bay southeast shore/bayou	0%	0%	90%	0%	0%	0%	0%
Bay 9 area e of Thomas Dr/ PCB rem	0%	0%	90%	0%	0%	0%	0%
Bay10 Powell Lake Area	0%	0%	25%	0%	0%	0%	0%
Bay 11 West Bay s and w cat 2 area	0%	0%	60%	0%	0%	0%	0%
Bay 12 North Bay n shore cat 2 area	0%	0%	45%	0%	0%	0%	0%
Bay 13 Lynn Haven and s cat 2 area	0%	0%	90%	0%	0%	0%	0%
Bay 14 St Andrew Bay n shore area	0%	0%	90%	0%	0%	0%	0%
Bay 15 Pitts Bayou/Callaway	0%	0%	95%	0%	0%	0%	0%
Bay 16 Mexico Bch rem	5%	5%	80%	60%	60%	60%	60%
Bay 17 Tyndall AFB	5%	5%	75%	25%	25%	25%	25%
Bay 18 PCB inland US98 areas	0%	0%	80%	0%	0%	0%	0%
Bay 19 Cat 4-5 area w of SR 79	0%	0%	25%	0%	0%	0%	0%
Bay 20 North Bay cat 4-5 area	0%	0%	45%	0%	0%	0%	0%
Bay 21 Panama City cat 4-5 area	0%	0%	80%	0%	0%	0%	0%
Bay 22 Deer Pt Lake/upper bayous	0%	0%	80%	0%	0%	0%	0%
Bay 23 Cedar Gr/Springfield/Parker inl	0%	0%	90%	0%	0%	0%	0%
Bay 24 Hiland Pk/P City nw inland	0%	0%	90%	0%	0%	0%	0%
Bay 25 SR 22 se inland areas	0%	0%	95%	0%	0%	0%	0%
Bay 26 Youngstown/Fountain/nw area	0%	0%	100%	0%	0%	0%	0%
Bay 27 Vicksburg/SR 77 n centr inl	0%	0%	25%	0%	0%	0%	0%
Bay 28 SR 79 nw inland area	0%	0%	20%	0%	0%	0%	0%
Gulf 1 St. Joseph Peninsula	75%	0%	10%	10%	10%	10%	10%
Gulf 2 Indian Pass Coastal	75%	0%	10%	10%	10%	10%	10%
Gulf 3 Port St Joe Waterfront	75%	0%	25%	25%	25%	25%	25%
Gulf 4 Highland View Coastal	70%	0%	30%	30%	30%	30%	30%
Gulf 5 Lake Wimico	100%	0%	0%	0%	0%	0%	0%
Gulf 6 Indian Pass Inland	75%	0%	10%	10%	10%	10%	10%
Gulf 7 Port St Joe Inland	75%	0%	25%	25%	25%	25%	25%
Gulf 8 St. Joe Beach	15%	5%	85%	85%	85%	85%	85%
Gulf 9 Overstreet	15%	15%	85%	85%	85%	85%	85%
Gulf 10 Howard Creek	100%	0%	0%	0%	0%	0%	0%
Gulf 11 Highland View Inland	50%	5%	50%	50%	50%	50%	50%
Gulf 12 Chipola River/White City	100%	5%	0%	0%	0%	0%	0%
Gulf 13 Honeyville	100%	20%	0%	0%	0%	0%	0%
Gulf 14 Northern Gulf County	100%	0%	0%	0%	0%	0%	0%
Gulf 15 Wewahitchka	100%	0%	0%	0%	0%	0%	0%

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis							
EVACUATING VEHICLES BY CRITICAL ROADWAY SEGMENT							
CATEGORY 4-5 HURRICANE – BASE YEAR							
With No New GCP–Low Tourist Occupancy							
Evac Zone	Evac Veh SR 71 nb thru Wewa	Evac Veh CR 386 at SR 71	Evac Veh US 231 nb at SR20	Evac Veh GCP Segment A	Evac Veh GCP Segment B	Evac Veh GCP Segment C/D	Evac Veh GCP Segment E/F
Bay 1a PCB Beachfront	0	0	1960	0	0	0	0
Bay 1b Gulf Lagoon/Biltmore Bch/State	0	0	5719	0	0	0	0
Bay 2 Sunnyside/Luguna Bch	0	0	402	0	0	0	0
Bay 3 St And Snd/Mex Bch front	153	153	44	0	0	0	0
Bay 4 East Bay south shore	35	35	77	0	0	0	0
Bay 5 East Bay north shore	0	0	513	0	0	0	0
Bay 6 West Bay south shore/bayou	0	0	202	0	0	0	0
Bay 7a West Bay north shore/bayou	0	0	40	0	0	0	0
Bay 7b North Bay north shore/bayou	0	0	46	0	0	0	0
Bay 8 North Bay southeast shore/bayou	0	0	1552	0	0	0	0
Bay 9 area e of Thomas Dr/ PCB rem	0	0	2922	0	0	0	0
Bay 10 Powell Lake Area	0	0	59	0	0	0	0
Bay 11 West Bay s and w cat 2 area	0	0	193	0	0	0	0
Bay 12 North Bay n shore cat 2 area	0	0	36	0	0	0	0
Bay 13 Lynn Haven and s cat 2 area	0	0	559	0	0	0	0
Bay 14 St Andrew Bay n shore area	0	0	3622	0	0	0	0
Bay 15 Pitts Bayou/Callaway	0	0	2811	0	0	0	0
Bay 16 Mexico Bch rem	267	267	76	0	0	0	0
Bay 17 Tyndall AFB	155	155	335	0	0	0	0
Bay 18 PCB inland US98 areas	0	0	3254	0	0	0	0
Bay 19 Cat 4-5 area w of SR 79	0	0	161	0	0	0	0
Bay 20 North Bay cat 4-5 area	0	0	93	0	0	0	0
Bay 21 Panama City cat 4-5 area	0	0	2821	0	0	0	0
Bay 22 Deer Pt Lake/upper bayous	0	0	220	0	0	0	0
Bay 23 Cedar Gr/Springfield/Parker inl	0	0	3970	0	0	0	0
Bay 24 Hilland Pk/P City nw inland	0	0	3144	0	0	0	0
Bay 25 SR 22 se inland areas	0	0	543	0	0	0	0
Bay 26 Youngstown/Fountain/nw area	0	0	1237	0	0	0	0
Bay 27 Vicksburg/SR 77 n centr inl	0	0	60	0	0	0	0
Bay 28 SR 79 nw inland area	0	0	20	0	0	0	0
Gulf 1 St. Joseph Peninsula	239	0	0	0	0	0	0
Gulf 2 Indian Pass Coastal	360	0	0	0	0	0	0
Gulf 3 Port St Joe Waterfront	755	0	0	0	0	0	0
Gulf 4 Highland View Coastal	85	13	0	0	0	0	0
Gulf 5 Lake Wimico	97	0	0	0	0	0	0
Gulf 6 Indian Pass Inland	66	0	0	0	0	0	0
Gulf 7 Port St Joe Inland	817	0	0	0	0	0	0
Gulf 8 St. Joe Beach	409	123	0	0	0	0	0
Gulf 9 Overstreet	502	477	0	0	0	0	0
Gulf 10 Howard Creek	291	0	0	0	0	0	0
Gulf 11 Highland View Inland	236	47	0	0	0	0	0
Gulf 12 Chipola River/White City	315	16	0	0	0	0	0
Gulf 13 Honeyville	237	47	0	0	0	0	0
Gulf 14 Northern Gulf County	418	0	0	0	0	0	0
Gulf 15 Wewahitchka	285	0	0	0	0	0	0
Totals	5723	1334	36690	0	0	0	0

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis							
EVACUATING VEHICLES BY CRITICAL ROADWAY SEGMENT							
CATEGORY 4-5 HURRICANE 2000 BASE YEAR							
With New GCP-Low Tourist Occupancy							
Evac Zone	Evac Veh SR 71 nb thru Wewa	Evac Veh CR 386 at SR 71	Evac Veh US 231 nb at SP20	Evac Veh GCP Segment A	Evac Veh GCP Segment B	Evac Veh GCP Segment C/D	Evac Veh GCP Segment E/F
Bay 1a PCB Beachfront	0	0	1960	0	0	0	0
Bay 1b Gulf Lagoon/Biltmore Bch/State	0	0	5719	0	0	0	0
Bay 2 Sunnyside/Luguna Bch	0	0	602	0	0	0	0
Bay 3 St And Snd/Mex Bch front	11	11	175	131	131	131	131
Bay 4 East Bay south shore	6	6	89	30	30	30	30
Bay 5 East Bay north shore	0	0	573	0	0	0	0
Bay 6 West Bay south shore/bayou	0	0	242	0	0	0	0
Bay 7a West Bay north shore/bayou	0	0	53	0	0	0	0
Bay 7b North Bay north shore/bayou	0	0	59	0	0	0	0
Bay 8 North Bay southeast shore/bayou	0	0	1552	0	0	0	0
Bay 9 area e of Thomas Dr/PCB rem	0	0	3288	0	0	0	0
Bay 10 Powell Lake Area	0	0	74	0	0	0	0
Bay 11 West Bay s and w cat 2 area	0	0	232	0	0	0	0
Bay 12 North Bay n shore cat 2 area	0	0	46	0	0	0	0
Bay 13 Lynn Haven and s cat 2 area	0	0	559	0	0	0	0
Bay 14 St Andrew Bay n shore area	0	0	4075	0	0	0	0
Bay 15 Pitts Bayou/Callaway	0	0	2811	0	0	0	0
Bay 16 Mexico Bch rem	19	19	306	229	229	229	229
Bay 17 Tyndall AFB	26	26	387	129	129	129	129
Bay 18 PCB inland US98 areas	0	0	4339	0	0	0	0
Bay 19 Cat 4-5 area w of SR 79	0	0	403	0	0	0	0
Bay 20 North Bay cat 4-5 area	0	0	119	0	0	0	0
Bay 21 Panama City cat 4-5 area	0	0	3224	0	0	0	0
Bay 22 Deer Pt Lake/upper bayous	0	0	220	0	0	0	0
Bay 23 Cedar Gr/Springfield/Parker inl	0	0	3970	0	0	0	0
Bay 24 Hilland Pk/P City nw inland	0	0	3144	0	0	0	0
Bay 25 SR 22 se inland areas	0	0	543	0	0	0	0
Bay 26 Youngstown/Fountain/nw area	0	0	1237	0	0	0	0
Bay 27 Vicksburg/SR 77 n centr inl	0	0	100	0	0	0	0
Bay 28 SR 79 nw inland area	0	0	41	0	0	0	0
Gulf 1 St. Joseph Peninsula	211	0	28	28	28	28	28
Gulf 2 Indian Pass Coastal	317	0	42	42	42	42	42
Gulf 3 Port St Joe Waterfront	566	0	189	189	189	189	189
Gulf 4 Highland View Coastal	60	0	26	26	26	26	26
Gulf 5 Lake Wimico	97	0	0	0	0	0	0
Gulf 6 Indian Pass Inland	59	0	8	8	8	8	8
Gulf 7 Port St Joe Inland	613	0	204	204	204	204	204
Gulf 8 St. Joe Beach	61	20	348	348	348	348	348
Gulf 9 Overstreet	75	75	427	427	427	427	427
Gulf 10 Howard Creek	291	0	0	0	0	0	0
Gulf 11 Highland View Inland	118	12	118	118	118	118	118
Gulf 12 Chipola River/White City	315	16	0	0	0	0	0
Gulf 13 Honeyville	237	47	0	0	0	0	0
Gulf 14 Northern Gulf County	418	0	0	0	0	0	0
Gulf 15 Wawahitchka	285	0	0	0	0	0	0
Totals by Segment	3784	232	41529	1908	1908	1908	1908

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis							
EVACUATING VEHICLES BY CRITICAL ROADWAY SEGMENT							
CATEGORY 4-5 HURRICANE – BASE YEAR							
With No New GCP-High Tourist Occupancy							
Evac Zone	Evac Veh SR 71 nb thru Wewa	Evac Veh CR 386 at SR 71	Evac Veh US 231 nb at SR20	Evac Veh GCP Segment A	Evac Veh GCP Segment B	Evac Veh GCP Segment C/D	Evac Veh GCP Segment E/F
Bay 1a PCB Beachfront	0	0	2759	0	0	0	0
Bay 1b Gulf Lagoon/Biltmore Bch/State	0	0	8222	0	0	0	0
Bay 2 Sunnyside/Luguna Bch	0	0	508	0	0	0	0
Bay 3 St And Snd/Mex Bch front	214	214	61	0	0	0	0
Bay 4 East Bay south shore	37	37	81	0	0	0	0
Bay 5 East Bay north shore	0	0	525	0	0	0	0
Bay 6 West Bay south shore/bayou	0	0	211	0	0	0	0
Bay 7a West Bay north shore/bayou	0	0	40	0	0	0	0
Bay 7b North Bay north shore/bayou	0	0	46	0	0	0	0
Bay 8 North Bay southeast shore/bayou	0	0	1552	0	0	0	0
Bay 9 area e of Thomas Dr/ PCB rem	0	0	4874	0	0	0	0
Bay 10 Powell Lake Area	0	0	65	0	0	0	0
Bay 11 West Bay s and w cat 2 area	0	0	222	0	0	0	0
Bay 12 North Bay n shore cat 2 area	0	0	36	0	0	0	0
Bay 13 Lynn Haven and s cat 2 area	0	0	559	0	0	0	0
Bay 14 St Andrew Bay n shore area	0	0	4082	0	0	0	0
Bay 15 Pitts Bayou/Callaway	0	0	2866	0	0	0	0
Bay 16 Mexico Bch rem	389	389	111	0	0	0	0
Bay 17 Tyndall AFB	185	185	401	0	0	0	0
Bay 18 PCB inland US98 areas	0	0	4900	0	0	0	0
Bay 19 Cat 4-5 area w of SR 79	0	0	213	0	0	0	0
Bay 20 North Bay cat 4-5 area	0	0	93	0	0	0	0
Bay 21 Panama City cat 4-5 area	0	0	2861	0	0	0	0
Bay 22 Deer Pt Lake/upper bayous	0	0	230	0	0	0	0
Bay 23 Cedar Gr/Springfield/Parker inl	0	0	4280	0	0	0	0
Bay 24 Hilland Pk/P City nw inland	0	0	3661	0	0	0	0
Bay 25 SR 22 se inland areas	0	0	551	0	0	0	0
Bay 26 Youngstown/Fountain/nw area	0	0	1283	0	0	0	0
Bay 27 Vicksburg/SR 77 n centr inl	0	0	60	0	0	0	0
Bay 28 SR 79 nw inland area	0	0	20	0	0	0	0
Gulf 1 St. Joseph Peninsula	258	0	0	0	0	0	0
Gulf 2 Indian Pass Coastal	572	0	0	0	0	0	0
Gulf 3 Port St Joe Waterfront	757	0	0	0	0	0	0
Gulf 4 Highland View Coastal	107	16	0	0	0	0	0
Gulf 5 Lake Wimico	119	0	0	0	0	0	0
Gulf 6 Indian Pass Inland	68	0	0	0	0	0	0
Gulf 7 Port St Joe Inland	819	0	0	0	0	0	0
Gulf 8 St. Joe Beach	508	152	0	0	0	0	0
Gulf 9 Overstreet	612	581	0	0	0	0	0
Gulf 10 Howard Creek	413	0	0	0	0	0	0
Gulf 11 Highland View Inland	293	59	0	0	0	0	0
Gulf 12 Chipola River/White City	395	20	0	0	0	0	0
Gulf 13 Honeyville	341	68	0	0	0	0	0
Gulf 14 Northern Gulf County	562	0	0	0	0	0	0
Gulf 15 Wewahitchka	357	0	0	0	0	0	0
Totals by Segment	7006	1721	45373	0	0	0	0

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis							
EVACUATING VEHICLES BY CRITICAL ROADWAY SEGMENT							
CATEGORY 45 HURRICANE – BASE YEAR							
With New GCP-High Tourist Occupancy							
Evac Zone	Evac Veh SR 71 nb thru Wewa	Evac Veh CR 386 at SR 71	Evac Veh US 231 nb at SP20	Evac Veh GCP Segment A	Evac Veh GCP Segment B	Evac Veh GCP Segment C/D	Evac Veh GCP Segment E/F
Bay 1a PCB Beachfront	0	0	2759	0	0	0	0
Bay 1b Gulf Lagoon/Biltmore Bch/State	0	0	8222	0	0	0	0
Bay 2 Sunnyside/Luguna Bch	0	0	762	0	0	0	0
Bay 3 St And Snd/Mex Bch front	15	15	245	184	184	184	184
Bay 4 East Bay south shore	6	6	93	31	31	31	31
Bay 5 East Bay north shore	0	0	587	0	0	0	0
Bay 6 West Bay south shore/bayou	0	0	253	0	0	0	0
Bay 7a West Bay north shore/bayou	0	0	53	0	0	0	0
Bay 7b North Bay north shore/bayou	0	0	59	0	0	0	0
Bay 8 North Bay southeast shore/bayou	0	0	1552	0	0	0	0
Bay 9 area e of Thomas Dr/PCB rem	0	0	5484	0	0	0	0
Bay 10 Powell Lake Area	0	0	81	0	0	0	0
Bay 11 West Bay s and w cat 2 area	0	0	266	0	0	0	0
Bay 12 North Bay n shore cat 2 area	0	0	46	0	0	0	0
Bay 13 Lynn Haven and s cat 2 area	0	0	559	0	0	0	0
Bay 14 St Andrew Bay n shore area	0	0	4593	0	0	0	0
Bay 15 Pitts Bayou/Callaway	0	0	2866	0	0	0	0
Bay 16 Mexico Bch rem	28	28	444	333	333	333	333
Bay 17 Tyndall AFB	31	31	463	154	154	154	154
Bay 18 PCB inland US98 areas	0	0	6534	0	0	0	0
Bay 19 Cat 4-5 area w of SR 79	0	0	533	0	0	0	0
Bay 20 North Bay cat 4-5 area	0	0	119	0	0	0	0
Bay 21 Panama City cat 4-5 area	0	0	3270	0	0	0	0
Bay 22 Deer Pt Lake/upper bayous	0	0	230	0	0	0	0
Bay 23 Cedar Gr/Springfield/Parker inl	0	0	4280	0	0	0	0
Bay 24 Hilland Pk/P City nw inland	0	0	3661	0	0	0	0
Bay 25 SR 22 se inland areas	0	0	551	0	0	0	0
Bay 26 Youngstown/Fountain/nw area	0	0	1283	0	0	0	0
Bay 27 Vicksburg/SR 77 n centr inl	0	0	100	0	0	0	0
Bay 28 SR 79 nw inland area	0	0	41	0	0	0	0
Gulf 1 St. Joseph Peninsula	227	0	30	30	30	30	30
Gulf 2 Indian Pass Coastal	505	0	67	67	67	67	67
Gulf 3 Port St Joe Waterfront	568	0	189	189	189	189	189
Gulf 4 Highland View Coastal	75	0	32	32	32	32	32
Gulf 5 Lake Wimico	119	0	0	0	0	0	0
Gulf 6 Indian Pass Inland	60	0	8	8	8	8	8
Gulf 7 Port St Joe Inland	614	0	205	205	205	205	205
Gulf 8 St. Joe Beach	76	25	432	432	432	432	432
Gulf 9 Overstreet	92	92	520	520	520	520	520
Gulf 10 Howard Creek	413	0	0	0	0	0	0
Gulf 11 Highland View Inland	147	15	147	147	147	147	147
Gulf 12 Chipola River/White City	395	20	0	0	0	0	0
Gulf 13 Honeyville	341	68	0	0	0	0	0
Gulf 14 Northern Gulf County	562	0	0	0	0	0	0
Gulf 15 Wawahitchka	357	0	0	0	0	0	0
Totals by Segment	4631	300	51618	2332	2332	2332	2332

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis
HURRICANE EVACUATION CLEARANCE TIMES- BASE YEAR

Category 4-5 Hurricane

Low Tourist Occupancy

		1st Quarter	1st Quarter	2nd Quarter	2nd Quarter	3rd Quarter	3rd Quarter	4th Quarter	4th Quarter		Background
With No GCP	Total Evac	Evac	Service	Evac	Service	Evac	Service	Evac	Service	Clearance	Traffic/Response
<i>Analysis Roadway Segments</i>	Vehicles	Vehicles	Volume	Vehicles	Volume	Vehicles	Volume	Vehicles	Volume	Time(hours)	Factor (hours)
State Rd 71 thru Wewahitchka	5723	1145	800	2289	720	1717	648	572	800	10.0	2
County Rd 386 at SR 71	1334	267	500	533	450	400	405	133	500	5.0	2
US 231 nb at SR20	36690	7338	2200	14676	1980	11007	1782	3669	2200	20.6	2
With New GCP											
<i>Analysis Roadway Segments</i>											
State Rd 71 thru Wewahitchka	3784	757	800	1514	720	1135	648	378	800	7.3	2
County Rd 386 at SR 71	232	46	500	93	450	70	405	23	500	2.5	2
US 231 nb at SR20	41529	8306	2200	16612	1980	12459	1782	4153	2200	23.0	2
GCP segment A	1908	382	3000	763	2700	572	2430	191	3000	2.7	2
GCP segment B	1908	382	3000	763	2700	572	2430	191	3000	2.7	2
GCP segment C/D	1908	382	3000	763	2700	572	2430	191	3000	2.7	2
GCP segment E/F	1908	382	2200	763	1980	572	1782	191	2200	3.0	2

Category 4-5 Hurricane

High Tourist Occupancy

		1st Quarter	1st Quarter	2nd Quarter	2nd Quarter	3rd Quarter	3rd Quarter	4th Quarter	4th Quarter		Background
With No GCP	Total Evac	Evac	Service	Evac	Service	Evac	Service	Evac	Service	Clearance	Traffic/Response
<i>Analysis Roadway Segments</i>	Vehicles	Vehicles	Volume	Vehicles	Volume	Vehicles	Volume	Vehicles	Volume	Time(hours)	Factor
State Rd 71 thru Wewahitchka	7006	1401	800	2802	720	2102	648	701	800	11.8	2
County Rd 386 at SR 71	1721	344	500	689	450	516	405	172	500	5.8	2
US 231 nb at SR20	45373	9075	2200	18149	1980	13612	1782	4537	2200	25.0	2
With New GCP											
<i>Analysis Roadway Segments</i>											
State Rd 71 thru Wewahitchka	4631	926	800	1852	720	1389	648	463	800	8.5	2
County Rd 386 at SR 71	300	60	500	120	450	90	405	30	500	2.7	2
US 231 nb at SR20	51618	10324	2200	20647	1980	15485	1782	5162	2200	28.2	2
GCP segment A	2332	466	3000	933	2700	700	2430	233	3000	2.9	2
GCP segment B	2332	466	3000	933	2700	700	2430	233	3000	2.9	2
GCP segment C/D	2332	466	3000	933	2700	700	2430	233	3000	2.9	2
GCP segment E/F	2332	466	2200	933	1980	700	1782	233	2200	3.2	2

Appendix B

Future Year 2032 Hurricane Evacuation Model Materials

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis

BEHAVIORAL DATA

Evac Zone	Participation Rates									Permanent Resident Vehicle Usage and Destination									
	Cat 1	Cat 1	Cat 1	Cat 2-3	Cat 2-3	Cat 2-3	Cat 4-5	Cat 4-5	Cat 4-5	Cat 1	Cat 2-3	Cat 4-5	Cat 1	Cat 2-3	Cat 4-5	Cat 1	Cat 2-3	Cat 4-5	Vehicle
	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Part. Rate	Percent to Pub. Shelt.	Percent to Pub. Shelt.	Percent to Pub. Shelt.	Percent Out of County	Percent Out of County	Percent Out of County	Percent Local Res.	Percent Local Res.	Percent Local Res.	Usage %
Zone	Perm. Units	MH Units	Tour. Units	Perm. Units	MH Units	Tour. Units	Perm. Units	MH Units	Tour. Units	Percent to Pub. Shelt.	Percent to Pub. Shelt.	Percent to Pub. Shelt.	Percent Out of County	Percent Out of County	Percent Out of County	Percent Local Res.	Percent Local Res.	Percent Local Res.	Perm. & MH
Bay 1a PCB Beachfront	90%	90%	100%	100%	100%	100%	100%	100%	100%	3%	3%	3%	50%	60%	85%	47%	37%	12%	80%
Bay 1b Gulf Lagoon/Biltmore Bch/State	90%	90%	100%	100%	100%	100%	100%	100%	100%	3%	3%	3%	50%	60%	85%	47%	37%	12%	80%
Bay 2 Sunnyside/Luguna Bch	90%	90%	100%	100%	100%	100%	100%	100%	100%	3%	3%	3%	50%	60%	85%	47%	37%	12%	80%
Bay 3 St And Snd/Mex Bch front	90%	90%	100%	100%	100%	100%	100%	100%	100%	3%	3%	3%	50%	60%	85%	47%	37%	12%	80%
Bay 4 East Bay south shore	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 5 East Bay north shore	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 6 West Bay south shore/bayou	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 7a West Bay north shore/bayou	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 7b North Bay north shore/bayou	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 8 North Bay southeast shore/bayou	90%	90%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	45%	55%	85%	50%	40%	10%	80%
Bay 9 area e of Thomas Dr/ PCB rem	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 10 Powell Lake Area	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 11 West Bay s and w cat 2 area	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 12 North Bay n shore cat 2 area	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 13 Lynn Haven and s cat 2 area	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 14 St Andrew Bay n shore area	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 15 Pitts Bayou/Calloway	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 16 Mexico Bch rem	10%	90%	5%	100%	100%	100%	100%	100%	100%	10%	10%	10%	35%	45%	75%	55%	45%	15%	70%
Bay 17 Tyndall AFB	2%	90%	5%	5%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 18 PCB inland US98 areas	2%	90%	5%	5%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 19 Cat 4-5 area w of SR 79	2%	90%	5%	5%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 20 North Bay cat 4-5 area	2%	90%	5%	5%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 21 Panama City cat 4-5 area	2%	90%	5%	5%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 22 Deer Pt Lake/upper bayous	2%	90%	5%	5%	100%	10%	100%	100%	100%	10%	10%	10%	35%	45%	65%	55%	45%	25%	70%
Bay 23 Cedar Gr/Springfield/Parker inl	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Bay 24 Hiland PK/P City nw inland	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Bay 25 SR 22 se inland areas	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Bay 26 Youngstown/Fountain/nw area	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Bay 27 Vicksburg/SR 77 n centr inl	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Bay 28 SR 79 nw inland area	1%	90%	5%	2%	90%	10%	50%	100%	100%	15%	15%	15%	15%	25%	50%	70%	60%	35%	70%
Gulf 1 St. Joseph Peninsula	100%	100%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	75%	80%	85%	20%	15%	10%	75%
Gulf 2 Indian Pass Coastal	100%	100%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	75%	80%	85%	20%	15%	10%	75%
Gulf 3 Port St Joe Waterfront	100%	100%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	75%	80%	85%	20%	15%	10%	75%
Gulf 4 Highland View Coastal	100%	100%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	75%	80%	85%	20%	15%	10%	75%
Gulf 5 Lake Wimico	100%	100%	100%	100%	100%	100%	100%	100%	100%	5%	5%	5%	75%	80%	85%	20%	15%	10%	75%
Gulf 6 Indian Pass Inland	5%	100%	100%	100%	100%	100%	100%	100%	100%	10%	10%	5%	70%	70%	80%	20%	20%	15%	75%
Gulf 7 Port St Joe Inland	5%	100%	100%	100%	100%	100%	100%	100%	100%	10%	10%	5%	70%	70%	80%	20%	20%	15%	75%
Gulf 8 St. Joe Beach	5%	100%	100%	100%	100%	100%	100%	100%	100%	10%	10%	5%	70%	70%	80%	20%	20%	15%	75%
Gulf 9 Overstreet	5%	100%	100%	100%	100%	100%	100%	100%	100%	10%	10%	5%	70%	70%	80%	20%	20%	15%	75%
Gulf 10 Howard Creek	5%	100%	100%	100%	100%	100%	100%	100%	100%	10%	10%	5%	70%	70%	80%	20%	20%	15%	75%
Gulf 11 Highland View Inland	5%	100%	100%	20%	100%	100%	100%	100%	100%	15%	15%	10%	20%	30%	80%	65%	55%	10%	75%
Gulf 12 Chipola River/White City	5%	100%	100%	20%	100%	100%	100%	100%	100%	15%	15%	10%	20%	30%	80%	65%	55%	10%	75%
Gulf 13 Honeyville	1%	100%	100%	2%	100%	100%	50%	100%	100%	15%	15%	10%	20%	30%	50%	65%	55%	40%	75%
Gulf 14 Northern Gulf County	1%	100%	100%	2%	100%	100%	50%	100%	100%	15%	15%	10%	20%	30%	50%	65%	55%	40%	75%
Gulf 15 Wewahitchka	1%	100%	100%	2%	100%	100%	50%	100%	100%	15%	15%	10%	20%	30%	50%	65%	55%	40%	75%

**Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis
BEHAVIORAL DATA (Continued)**

Tourist Vehicle Usage and Destination Data							
Evac Zone	Vehicle Usage %	Cat 1 Percent to PS Tourist	Cat 2-3 Percent to PS Tourist	Cat 4-5 Percent to PS Tourist	Cat 1 Percent Out County Tour.	Cat 2-3 Percent Out County Tour.	Cat 4-5 Percent Out County Tour.
Bay 1a PCB Beachfront	100%	5%	5%	5%	95%	95%	95%
Bay 1b Gulf Lagoon/Biltmore Bch/State	100%	5%	5%	5%	95%	95%	95%
Bay 2 Sunnyside/Luguna Bch	100%	5%	5%	5%	95%	95%	95%
Bay 3 St And Snd/Mex Bch front	100%	5%	5%	5%	95%	95%	95%
Bay 4 East Bay south shore	100%	5%	5%	5%	95%	95%	95%
Bay 5 East Bay north shore	100%	5%	5%	5%	95%	95%	95%
Bay 6 West Bay south shore/bayou	100%	5%	5%	5%	95%	95%	95%
Bay 7a West Bay north shore/bayou	100%	5%	5%	5%	95%	95%	95%
Bay 7b North Bay north shore/bayou	100%	5%	5%	5%	95%	95%	95%
Bay 8 North Bay southeast shore/bayou	100%	5%	5%	5%	95%	95%	95%
Bay 9 area e of Thomas Dr/ PCB rem	100%	5%	5%	5%	95%	95%	95%
Bay 10 Powell Lake Area	100%	5%	5%	5%	95%	95%	95%
Bay 11 West Bay s and w cat 2 area	100%	5%	5%	5%	95%	95%	95%
Bay 12 North Bay n shore cat 2 area	100%	5%	5%	5%	95%	95%	95%
Bay 13 Lynn Haven and s cat 2 area	100%	5%	5%	5%	95%	95%	95%
Bay 14 St Andrew Bay n shore area	100%	5%	5%	5%	95%	95%	95%
Bay 15 Pitts Bayou/Callaway	100%	5%	5%	5%	95%	95%	95%
Bay 16 Mexico Bch rem	100%	5%	5%	5%	95%	95%	95%
Bay 17 Tyndall AFB	100%	5%	5%	5%	95%	95%	95%
Bay 18 PCB inland US98 areas	100%	5%	5%	5%	95%	95%	95%
Bay 19 Cat 4-5 area w of SR 79	100%	5%	5%	5%	95%	95%	95%
Bay 20 North Bay cat 4-5 area	100%	5%	5%	5%	95%	95%	95%
Bay 21 Panama City cat 4-5 area	100%	5%	5%	5%	95%	95%	95%
Bay 22 Deer Pt Lake/upper bayous	100%	5%	5%	5%	95%	95%	95%
Bay 23 Cedar Gr/Springfield/Parker inl	100%	5%	5%	5%	95%	95%	95%
Bay 24 Hiland Pk/P City nw inland	100%	5%	5%	5%	95%	95%	95%
Bay 25 SR 22 se inland areas	100%	5%	5%	5%	95%	95%	95%
Bay 26 Youngstown/Fountain/nw area	100%	5%	5%	5%	95%	95%	95%
Bay 27 Vicksburg/SR 77 n centr inl	100%	5%	5%	5%	95%	95%	95%
Bay 28 SR 79 nw inland area	100%	5%	5%	5%	95%	95%	95%
Gulf 1 St. Joseph Peninsula	100%	0%	0%	0%	100%	100%	100%
Gulf 2 Indian Pass Coastal	100%	0%	0%	0%	100%	100%	100%
Gulf 3 Port St Joe Waterfront	100%	0%	0%	0%	100%	100%	100%
Gulf 4 Highland View Coastal	100%	0%	0%	0%	100%	100%	100%
Gulf 5 Lake Wimico	100%	0%	0%	0%	100%	100%	100%
Gulf 6 Indian Pass Inland	100%	0%	0%	0%	100%	100%	100%
Gulf 7 Port St Joe Inland	100%	0%	0%	0%	100%	100%	100%
Gulf 8 St. Joe Beach	100%	0%	0%	0%	100%	100%	100%
Gulf 9 Overstreet	100%	0%	0%	0%	100%	100%	100%
Gulf 10 Howard Creek	100%	0%	0%	0%	100%	100%	100%
Gulf 11 Highland View Inland	100%	0%	0%	0%	100%	100%	100%
Gulf 12 Chipola River/White City	100%	0%	0%	0%	100%	100%	100%
Gulf 13 Honeyville	100%	0%	0%	0%	100%	100%	100%
Gulf 14 Northern Gulf County	100%	0%	0%	0%	100%	100%	100%
Gulf 15 Wewahitchka	100%	0%	0%	0%	100%	100%	100%

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis
EVACUATION PEOPLE AND VEHICLE STATISTICS- FUTURE 2032 YEAR

Evac Zone	Evacuating people						Public Shelter Demand					
	Cat 1	Cat 1	Cat 2-3	Cat 2-3	Cat 4-5	Cat 4-5	Cat 1	Cat 1	Cat 2-3	Cat 2-3	Cat 4-5	Cat 4-5
	Evac Pop Low Occ	Evac Pop High Occ	Evac Pop Low Occ	Evac Pop High Occ	Evac Pop Low Occ	Evac Pop High Occ	PS Demand Low Occ	PS Demand High Occ	PS Demand Low Occ	PS Demand High Occ	PS Demand Low Occ	PS Demand High Occ
Bay 1a PCB Beachfront	7211	11856	7731	12375	7731	12375	267	499	283	515	283	515
Bay 1b Gulf Lagoon/Biltmore Bch/State	18301	30410	19600	31710	19600	31710	681	1287	720	1326	720	1326
Bay 2 Sunnyside/Luguna Bch	5220	7535	5660	7974	5660	7974	182	298	195	311	195	311
Bay 3 St And Snd/Mex Bch front	764	1140	826	1202	826	1202	27	46	29	48	29	48
Bay 4 East Bay south shore	387	412	428	453	428	453	19	21	21	23	21	23
Bay 5 East Bay north shore	1550	1617	1718	1785	1718	1785	77	81	86	89	86	89
Bay 6 West Bay south shore/bayou	951	1026	1052	1127	1052	1127	48	51	53	56	53	56
Bay 7a West Bay north shore/bayou	315	315	350	350	350	350	16	16	18	18	18	18
Bay 7b North Bay north shore/bayou	315	315	350	350	350	350	16	16	18	18	18	18
Bay 8 North Bay southeast shore/bayou	4389	4389	4877	4877	4877	4877	219	219	244	244	244	244
Bay 9 area e of Thomas Dr/ PCB rem	3833	4364	13493	24116	13493	24116	369	395	1060	1591	1060	1591
Bay 10 Powell Lake Area	327	333	993	1118	993	1118	33	33	96	102	96	102
Bay 11 West Bay s and w cat 2 area	579	592	1437	1687	1437	1687	58	58	137	149	137	149
Bay 12 North Bay n shore cat 2 area	287	287	350	350	350	350	29	29	35	35	35	35
Bay 13 Lynn Haven and s cat 2 area	410	410	2276	2276	2276	2276	41	41	228	228	228	228
Bay 14 St Andrew Bay n shore area	2263	2388	16807	19310	16807	19310	223	229	1612	1738	1612	1738
Bay 15 Pitts Bayou/Callaway	2640	2653	10865	11115	10865	11115	264	264	1080	1092	1080	1092
Bay 16 Mexico Bch rem	487	524	1756	2507	1756	2507	48	50	155	193	155	193
Bay 17 Tyndall AFB	426	448	542	586	2725	3163	42	43	53	55	261	282
Bay 18 PCB inland US98 areas	5456	6054	6617	7811	21539	33481	529	559	629	689	1828	2425
Bay 19 Cat 4-5 area w of SR 79	2634	2748	3050	3278	6498	8778	260	266	299	310	588	702
Bay 20 North Bay cat 4-5 area	884	884	984	984	1051	1051	88	88	98	98	105	105
Bay 21 Panama City cat 4-5 area	1203	1216	1785	1810	17042	17292	120	121	178	179	1697	1710
Bay 22 Deer Pt Lake/upper bayous	882	885	986	991	1165	1215	88	88	98	99	115	118
Bay 23 Cedar Gr/Springfield/Parker inl	6513	6588	6882	7032	24028	25529	973	977	1024	1032	3522	3597
Bay 24 Hiland Pk/P City nw inland	5996	6122	6287	6538	18839	21342	893	899	929	942	2689	2814
Bay 25 SR 22 se inland areas	1488	1490	1522	1526	3292	3330	223	223	228	228	492	494
Bay 26 Youngstown/Fountain/nw area	6051	6061	6082	6102	8077	8277	907	908	911	912	1201	1211
Bay 27 Vicksburg/SR 77 n centr inl	1,274	1,274	1,287	1,287	2,058	2,058	191	191	193	193	309	309
Bay 28 SR 79 nw inland area	638	638	645	645	1051	1051	96	96	97	97	158	158
Gulf 1 St. Joseph Peninsula	751	833	751	833	751	833	36	36	36	36	36	36
Gulf 2 Indian Pass Coastal	1109	2036	1109	2036	1109	2036	43	43	43	43	43	43
Gulf 3 Port St Joe Waterfront	2128	2136	2128	2136	2128	2136	106	106	106	106	106	106
Gulf 4 Highland View Coastal	218	303	218	303	218	303	10	10	10	10	10	10
Gulf 5 Lake Wimico	316	398	316	398	316	398	15	15	15	15	15	15
Gulf 6 Indian Pass Inland	18	26	247	256	247	256	2	2	24	24	24	24
Gulf 7 Port St Joe Inland	183	192	2582	2591	2582	2591	18	18	258	258	258	258
Gulf 8 St. Joe Beach	560	928	1207	1575	1207	1575	46	46	111	111	111	111
Gulf 9 Overstreet	728	1138	1437	1847	1437	1847	62	62	133	133	133	133
Gulf 10 Howerd Creek	992	1445	1027	1480	1027	1480	87	87	91	91	91	91
Gulf 11 Highland View Inland	289	500	348	558	659	870	35	35	44	44	90	90
Gulf 12 Chipola River/White City	781	1076	810	1106	969	1265	105	105	110	110	134	134
Gulf 13 Honeyville	904	1290	906	1292	1000	1386	120	120	120	120	134	134
Gulf 14 Northern Gulf County	2306	2841	2316	2851	2792	3327	325	325	326	326	397	397
Gulf 15 Wewahitchka	812	1082	824	1093	1357	1626	111	111	113	113	193	193

**Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis
EVACUATION PEOPLE AND VEHICLE STATISTICS- FUTURE 2032 YEAR (Continued)**

Zone	Evacuating Vehicles						Out of County Evacuating Vehicles					
	Cat 1	Cat 1	Cat 2-3	Cat 2-3	Cat 4-5	Cat 4-5	Cat 1	Cat 1	Cat 2-3	Cat 2-3	Cat 4-5	Cat 4-5
	Evac Veh Low Occ	Evac Veh High Occ	Evac Veh Low Occ	Evac Veh High Occ	Evac Veh Low Occ	Evac Veh High Occ	Evac Veh Low Occ	Evac Veh High Occ	Evac Veh Low Occ	Evac Veh High Occ	Evac Veh Low Occ	Evac Veh High Occ
Bay 1a PCB Beachfront	3607	5067	3919	5379	3919	5379	2162	3549	2630	4017	3411	4798
Bay 1b Gulf Lagoon/Biltmore Bch/State	8771	12577	9515	13320	9515	13320	5320	8935	6435	10051	8295	11911
Bay 2 Sunnyside/Luguna Bch	2775	3502	3039	3766	3039	3766	1566	2257	1962	2653	2623	3314
Bay 3 St And Snd/Mex Bch front	303	421	329	447	329	447	180	293	220	332	286	399
Bay 4 East Bay south shore	163	171	181	189	181	189	76	83	101	109	154	162
Bay 5 East Bay north shore	834	855	925	947	925	947	381	401	514	534	788	808
Bay 6 West Bay south shore/bayou	560	583	620	644	620	644	258	281	346	369	529	551
Bay 7a West Bay north shore/bayou	183	183	203	203	203	203	82	82	112	112	172	172
Bay 7b North Bay north shore/bayou	183	183	203	203	203	203	82	82	112	112	172	172
Bay 8 North Bay southeast shore/bayou	2386	2386	2651	2651	2651	2651	1074	1074	1458	1458	2253	2253
Bay 9 area e of Thomas Dr/ PCB rem	1954	2121	5869	9208	5869	9208	739	897	3552	6723	4766	7938
Bay 10 Powell Lake Area	171	173	508	547	508	547	61	62	239	276	385	422
Bay 11 West Bay s and w cat 2 area	274	278	661	740	661	740	97	101	319	394	505	579
Bay 12 North Bay n shore cat 2 area	146	146	178	178	178	178	51	51	80	80	133	133
Bay 13 Lynn Haven and s cat 2 area	195	195	1082	1082	1082	1082	68	68	487	487	812	812
Bay 14 St Andrew Bay n shore area	1065	1105	7774	8561	7774	8561	386	423	3713	4460	5917	6664
Bay 15 Pitts Bayou/Callaway	1255	1259	5146	5225	5146	5225	440	444	2337	2412	3868	3943
Bay 16 Mexico Bch rem	180	192	631	867	631	867	67	78	348	573	499	723
Bay 17 Tyndall AFB	158	165	201	215	1003	1141	58	64	94	107	674	805
Bay 18 PCB inland US98 areas	2800	2988	3341	3717	9947	13701	1041	1220	1606	1963	7080	10645
Bay 19 Cat 4-5 area w of SR 79	1323	1358	1521	1593	3054	3770	475	509	704	772	2102	2783
Bay 20 North Bay cat 4-5 area	448	448	499	499	533	533	157	157	224	224	346	346
Bay 21 Panama City cat 4-5 area	571	575	847	855	8084	8163	201	205	383	391	5268	5342
Bay 22 Deer Pt Lake/upper bayous	420	420	469	470	550	566	147	148	211	213	360	375
Bay 23 Cedar Gr/Springfield/Parker inl	3091	3115	3260	3307	11297	11769	474	496	833	878	5764	6213
Bay 24 Hiland Pk/P City nw inland	2841	2881	2969	3047	8741	9527	443	481	772	847	4564	5311
Bay 25 SR 22 se inland areas	674	675	689	691	1489	1501	101	102	173	174	747	759
Bay 26 Youngstown/Fountain/nw area	2406	2409	2418	2424	3203	3266	362	365	607	613	1617	1677
Bay 27 Vicksburg/SR 77 n centr inl	646	646	652	652	1,043	1,043	97	97	163	163	521	521
Bay 28 SR 79 nw inland area	323	323	327	327	533	533	48	48	82	82	266	266
Gulf 1 St. Joseph Peninsula	396	425	396	425	396	425	299	328	318	347	338	367
Gulf 2 Indian Pass Coastal	590	914	590	914	590	914	464	788	489	814	514	839
Gulf 3 Port St Joe Waterfront	1066	1069	1066	1069	1066	1069	799	802	853	856	906	909
Gulf 4 Highland View Coastal	116	146	116	146	116	146	89	119	94	124	100	129
Gulf 5 Lake Wimico	133	162	133	162	133	162	102	130	108	137	114	143
Gulf 6 Indian Pass Inland	8	11	117	120	117	120	6	9	82	85	94	97
Gulf 7 Port St Joe Inland	90	93	1276	1279	1276	1279	63	67	893	896	1021	1024
Gulf 8 St. Joe Beach	283	412	632	761	632	761	209	338	453	582	513	642
Gulf 9 Overstreet	368	512	747	890	747	890	269	413	534	677	605	748
Gulf 10 Howard Creek	406	565	421	579	421	579	297	456	307	466	345	504
Gulf 11 Highland View Inland	144	218	176	250	343	417	45	118	66	140	278	352
Gulf 12 Chipola River/White City	367	470	381	484	458	561	95	199	134	237	372	475
Gulf 13 Honeyville	447	582	448	583	496	631	118	253	160	295	266	401
Gulf 14 Northern Gulf County	732	919	735	923	885	1072	186	374	256	443	468	655
Gulf 15 Wewehitchka	383	478	389	483	647	741	97	191	134	228	336	430

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis							
ROUTE UTILIZATION BY ZONE FOR EXITING VEHICLES							
CATEGORY 4/5 HURRICANE							
With No New Corridor							
Evac Zone	% Using SR 71 nb thru Wewa	% Using CR 386 at SR 71	% Using US 231 nb at SR20	% Using GCP Segment A	% Using GCP Segment B	% Using GCP Segment C/D	% Using GCP Segment E/F
Bay 1a PCB Beachfront	0%	0%	75%	0%	0%	0%	0%
Bay 1b Gulf Lagoon/Biltmore Bch/State	0%	0%	90%	0%	0%	0%	0%
Bay 2 Sunnyside/Luguna Bch	0%	0%	20%	0%	0%	0%	0%
Bay 3 St And Snd/Mex Bch front	70%	70%	20%	0%	0%	0%	0%
Bay 4 East Bay south shore	30%	30%	65%	0%	0%	0%	0%
Bay 5 East Bay north shore	0%	0%	85%	0%	0%	0%	0%
Bay 6 West Bay south shore/bayou	0%	0%	50%	0%	0%	0%	0%
Bay 7a West Bay north shore/bayou	0%	0%	30%	0%	0%	0%	0%
Bay 7b North Bay north shore/bayou	0%	0%	35%	0%	0%	0%	0%
Bay 8 North Bay southeast shore/bayou	0%	0%	90%	0%	0%	0%	0%
Bay 9 area e of Thomas Dr/ PCB rem	0%	0%	80%	0%	0%	0%	0%
Bay10 Powell Lake Area	0%	0%	20%	0%	0%	0%	0%
Bay 11 West Bay s and w cat 2 area	0%	0%	50%	0%	0%	0%	0%
Bay 12 North Bay n shore cat 2 area	0%	0%	35%	0%	0%	0%	0%
Bay 13 Lynn Haven and s cat 2 area	0%	0%	90%	0%	0%	0%	0%
Bay 14 St Andrew Bay n shore area	0%	0%	80%	0%	0%	0%	0%
Bay 15 Pitts Bayou/Callaway	0%	0%	95%	0%	0%	0%	0%
Bay 16 Mexico Bch rem	70%	70%	20%	0%	0%	0%	0%
Bay 17 Tyndall AFB	30%	30%	65%	0%	0%	0%	0%
Bay 18 PCB inland US98 areas	0%	0%	60%	0%	0%	0%	0%
Bay 19 Cat 4-5 area w of SR 79	0%	0%	10%	0%	0%	0%	0%
Bay 20 North Bay cat 4-5 area	0%	0%	35%	0%	0%	0%	0%
Bay 21 Panama City cat 4-5 area	0%	0%	70%	0%	0%	0%	0%
Bay 22 Deer Pt Lake/upper bayous	0%	0%	80%	0%	0%	0%	0%
Bay 23 Cedar Gr/Springfield/Parker inl	0%	0%	90%	0%	0%	0%	0%
Bay 24 Hiland Pk/P City nw inland	0%	0%	90%	0%	0%	0%	0%
Bay 25 SR 22 se inland areas	0%	0%	95%	0%	0%	0%	0%
Bay 26 Youngstown/Fountain/nw area	0%	0%	100%	0%	0%	0%	0%
Bay 27 Vicksburg/SR 77 n centr inl	0%	0%	15%	0%	0%	0%	0%
Bay 28 SR 79 nw inland area	0%	0%	10%	0%	0%	0%	0%
Gulf 1 St. Joseph Peninsula	85%	0%	0%	0%	0%	0%	0%
Gulf 2 Indian Pass Coastal	85%	0%	0%	0%	0%	0%	0%
Gulf 3 Port St Joe Waterfront	100%	0%	0%	0%	0%	0%	0%
Gulf 4 Highland View Coastal	100%	15%	0%	0%	0%	0%	0%
Gulf 5 Lake Wimico	100%	0%	0%	0%	0%	0%	0%
Gulf 6 Indian Pass Inland	85%	0%	0%	0%	0%	0%	0%
Gulf 7 Port St Joe Inland	100%	0%	0%	0%	0%	0%	0%
Gulf 8 St. Joe Beach	100%	30%	0%	0%	0%	0%	0%
Gulf 9 Overstreet	100%	95%	0%	0%	0%	0%	0%
Gulf 10 Howard Creek	100%	0%	0%	0%	0%	0%	0%
Gulf 11 Highland View Inland	100%	20%	0%	0%	0%	0%	0%
Gulf 12 Chipola River/White City	100%	5%	0%	0%	0%	0%	0%
Gulf 13 Honeyville	100%	20%	0%	0%	0%	0%	0%
Gulf 14 Northern Gulf County	100%	0%	0%	0%	0%	0%	0%
Gulf 15 Wewahitchka	100%	0%	0%	0%	0%	0%	0%

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis							
ROUTE UTILIZATION BY ZONE FOR EXITING VEHICLES							
CATEGORY 4/5 HURRICANE (Continued)							
With New Gulf Coast Parkway							
Evac Zone	% Using SR 71 nb thru Wewa	% Using CR 386 at SR 71	% Using US 231 nb at SR20	% Using GCP Segment A	% Using GCP Segment B	% Using GCP Segment C/D	% Using GCP Segment E/F
Bay 1a PCB Beachfront	0%	0%	75%	0%	0%	0%	0%
Bay 1b Gulf Lagoon/Biltmore Bch/State	0%	0%	90%	0%	0%	0%	0%
Bay 2 Sunnyside/Luguna Bch	0%	0%	30%	0%	0%	0%	0%
Bay 3 St And Snd/Mex Bch front	5%	5%	80%	60%	60%	60%	60%
Bay 4 East Bay south shore	5%	5%	75%	25%	25%	25%	25%
Bay 5 East Bay north shore	0%	0%	95%	0%	0%	0%	0%
Bay 6 West Bay south shore/bayou	0%	0%	60%	0%	0%	0%	0%
Bay 7a West Bay north shore/bayou	0%	0%	40%	0%	0%	0%	0%
Bay 7b North Bay north shore/bayou	0%	0%	45%	0%	0%	0%	0%
Bay 8 North Bay southeast shore/bayou	0%	0%	90%	0%	0%	0%	0%
Bay 9 area e of Thomas Dr/ PCB rem	0%	0%	90%	0%	0%	0%	0%
Bay10 Powell Lake Area	0%	0%	25%	0%	0%	0%	0%
Bay 11 West Bay s and w cat 2 area	0%	0%	60%	0%	0%	0%	0%
Bay 12 North Bay n shore cat 2 area	0%	0%	45%	0%	0%	0%	0%
Bay 13 Lynn Haven and s cat 2 area	0%	0%	90%	0%	0%	0%	0%
Bay 14 St Andrew Bay n shore area	0%	0%	90%	0%	0%	0%	0%
Bay 15 Pitts Bayou/Callaway	0%	0%	95%	0%	0%	0%	0%
Bay 16 Mexico Bch rem	5%	5%	80%	60%	60%	60%	60%
Bay 17 Tyndall AFB	5%	5%	75%	25%	25%	25%	25%
Bay 18 PCB inland US98 areas	0%	0%	80%	0%	0%	0%	0%
Bay 19 Cat 4-5 area w of SR 79	0%	0%	25%	0%	0%	0%	0%
Bay 20 North Bay cat 4-5 area	0%	0%	45%	0%	0%	0%	0%
Bay 21 Panama City cat 4-5 area	0%	0%	80%	0%	0%	0%	0%
Bay 22 Deer Pt Lake/upper bayous	0%	0%	80%	0%	0%	0%	0%
Bay 23 Cedar Gr/Springfield/Parker inl	0%	0%	90%	0%	0%	0%	0%
Bay 24 Hiland Pk/P City nw inland	0%	0%	90%	0%	0%	0%	0%
Bay 25 SR 22 se inland areas	0%	0%	95%	0%	0%	0%	0%
Bay 26 Youngstown/Fountain/nw area	0%	0%	100%	0%	0%	0%	0%
Bay 27 Vicksburg/SR 77 n centr inl	0%	0%	25%	0%	0%	0%	0%
Bay 28 SR 79 nw inland area	0%	0%	20%	0%	0%	0%	0%
Gulf 1 St. Joseph Peninsula	75%	0%	10%	10%	10%	10%	10%
Gulf 2 Indian Pass Coastal	75%	0%	10%	10%	10%	10%	10%
Gulf 3 Port St Joe Waterfront	75%	0%	25%	25%	25%	25%	25%
Gulf 4 Highland View Coastal	70%	0%	30%	30%	30%	30%	30%
Gulf 5 Lake Wimico	100%	0%	0%	0%	0%	0%	0%
Gulf 6 Indian Pass Inland	75%	0%	10%	10%	10%	10%	10%
Gulf 7 Port St Joe Inland	75%	0%	25%	25%	25%	25%	25%
Gulf 8 St. Joe Beach	15%	5%	85%	85%	85%	85%	85%
Gulf 9 Overstreet	15%	15%	85%	85%	85%	85%	85%
Gulf 10 Howard Creek	100%	0%	0%	0%	0%	0%	0%
Gulf 11 Highland View Inland	50%	5%	50%	50%	50%	50%	50%
Gulf 12 Chipola River/White City	100%	5%	0%	0%	0%	0%	0%
Gulf 13 Honeyville	100%	20%	0%	0%	0%	0%	0%
Gulf 14 Northern Gulf County	100%	0%	0%	0%	0%	0%	0%
Gulf 15 Wewahitchka	100%	0%	0%	0%	0%	0%	0%

Gulf Coast Parkway Corridor Study-HurricaneEvac Analysis							
EVACUATING VEHICLES BY CRITICAL ROADWAY SEGMENT							
CATEGORY 4-5 HURRICANE – FUTURE 2032 YEAR							
With No New GCP–Low Tourist Occupancy							
Evac Zone	Evac Veh SR 71 nb thru Wewa	Evac Veh CR 386 at SR 71	Evac Veh US 231 nb at SR20	Evac Veh GCP Segment A	Evac Veh GCP Segment B	Evac Veh GCP Segment C/D	Evac Veh GCP Segment E/F
Bay 1a PCB Beachfront	0	0	2558	0	0	0	0
Bay 1b Gulf Lagoon/Biltmore Bch/State	0	0	7466	0	0	0	0
Bay 2 Sunnyside/Luguna Bch	0	0	525	0	0	0	0
Bay 3 St And Snd/Mex Bch front	200	200	57	0	0	0	0
Bay 4 East Bay south shore	46	46	100	0	0	0	0
Bay 5 East Bay north shore	0	0	670	0	0	0	0
Bay 6 West Bay south shore/bayou	0	0	265	0	0	0	0
Bay 7a West Bay north shore/bayou	0	0	52	0	0	0	0
Bay 7b North Bay north shore/bayou	0	0	60	0	0	0	0
Bay 8 North Bay southeast shore/bayou	0	0	2028	0	0	0	0
Bay 9 area e of Thomas Dr/ PCB rem	0	0	3813	0	0	0	0
Bay10 Powell Lake Area	0	0	77	0	0	0	0
Bay 11 West Bay s and w cat 2 area	0	0	253	0	0	0	0
Bay 12 North Bay n shore cat 2 area	0	0	47	0	0	0	0
Bay 13 Lynn Haven and s cat 2 area	0	0	731	0	0	0	0
Bay 14 St Andrew Bay n shore area	0	0	4734	0	0	0	0
Bay 15 Pitts Bayou/Callaway	0	0	3675	0	0	0	0
Bay 16 Mexico Bch rem	349	349	100	0	0	0	0
Bay 17 Tyndall AFB	202	202	438	0	0	0	0
Bay 18 PCB inland US98 areas	0	0	4248	0	0	0	0
Bay 19 Cat 4-5 area w of SR 79	0	0	210	0	0	0	0
Bay 20 North Bay cat 4-5 area	0	0	121	0	0	0	0
Bay 21 Panama City cat 4-5 area	0	0	3688	0	0	0	0
Bay 22 Deer Pt Lake/upper bayous	0	0	288	0	0	0	0
Bay 23 Cedar Gr/Springfield/Parker inl	0	0	5188	0	0	0	0
Bay 24 Hiland Pk/P City nw inland	0	0	4108	0	0	0	0
Bay 25 SR 22 se inland areas	0	0	710	0	0	0	0
Bay 26 Youngstown/Fountain/nw area	0	0	1617	0	0	0	0
Bay 27 Vicksburg/SR 77 n centr inl	0	0	78	0	0	0	0
Bay 28 SR 79 nw inland area	0	0	27	0	0	0	0
Gulf 1 St. Joseph Peninsula	287	0	0	0	0	0	0
Gulf 2 Indian Pass Coastal	437	0	0	0	0	0	0
Gulf 3 Port St Joe Waterfront	906	0	0	0	0	0	0
Gulf 4 Highland View Coastal	100	15	0	0	0	0	0
Gulf 5 Lake Wimico	114	0	0	0	0	0	0
Gulf 6 Indian Pass Inland	80	0	0	0	0	0	0
Gulf 7 Port St Joe Inland	1021	0	0	0	0	0	0
Gulf 8 St. Joe Beach	513	154	0	0	0	0	0
Gulf 9 Overstreet	605	575	0	0	0	0	0
Gulf 10 Howard Creek	345	0	0	0	0	0	0
Gulf 11 Highland View Inland	278	56	0	0	0	0	0
Gulf 12 Chipola River/White City	372	19	0	0	0	0	0
Gulf 13 Honeyville	266	53	0	0	0	0	0
Gulf 14 Northern Gulf County	468	0	0	0	0	0	0
Gulf 15 Wewahitchka	336	0	0	0	0	0	0
Totals by Segment	6926	1669	47927	0	0	0	0

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis							
EVACUATING VEHICLES BY CRITICAL ROADWAY SEGMENT							
CATEGORY 4-5 HURRICANE 2000 BASE YEAR							
With New GCP-Low Tourist Occupancy							
Evac Zone	Evac Veh SR 71 nb thru Wewa	Evac Veh CR 386 at SR 71	Evac Veh US 231 nb at SR20	Evac Veh GCP Segment A	Evac Veh GCP Segment B	Evac Veh GCP Segment C/D	Evac Veh GCP Segment E/F
Bay 1a PCB Beachfront	0	0	2558	0	0	0	0
Bay 1b Gulf Lagoon/Biltmore Bch/State	0	0	7466	0	0	0	0
Bay 2 Sunnyside/Luguna Bch	0	0	787	0	0	0	0
Bay 3 St And Snd/Mex Bch front	14	14	229	172	172	172	172
Bay 4 East Bay south shore	8	8	116	39	39	39	39
Bay 5 East Bay north shore	0	0	749	0	0	0	0
Bay 6 West Bay south shore/bayou	0	0	317	0	0	0	0
Bay 7a West Bay north shore/bayou	0	0	69	0	0	0	0
Bay 7b North Bay north shore/bayou	0	0	77	0	0	0	0
Bay 8 North Bay southeast shore/bayou	0	0	2028	0	0	0	0
Bay 9 area e of Thomas Dr/ PCB rem	0	0	4289	0	0	0	0
Bay10 Powell Lake Area	0	0	96	0	0	0	0
Bay 11 West Bay s and w cat 2 area	0	0	303	0	0	0	0
Bay 12 North Bay n shore cat 2 area	0	0	60	0	0	0	0
Bay 13 Lynn Haven and s cat 2 area	0	0	731	0	0	0	0
Bay 14 St Andrew Bay n shore area	0	0	5325	0	0	0	0
Bay 15 Pitts Bayou/Callaway	0	0	3675	0	0	0	0
Bay 16 Mexico Bch rem	25	25	399	299	299	299	299
Bay 17 Tyndall AFB	34	34	506	169	169	169	169
Bay 18 PCB inland US98 areas	0	0	5664	0	0	0	0
Bay 19 Cat 4-5 area w of SR 79	0	0	526	0	0	0	0
Bay 20 North Bay cat 4-5 area	0	0	156	0	0	0	0
Bay 21 Panama City cat 4-5 area	0	0	4214	0	0	0	0
Bay 22 Deer Pt Lake/upper bayous	0	0	288	0	0	0	0
Bay 23 Cedar Gr/Springfield/Parker inl	0	0	5188	0	0	0	0
Bay 24 Hiland Pk/P City nw inland	0	0	4108	0	0	0	0
Bay 25 SR 22 se inland areas	0	0	710	0	0	0	0
Bay 26 Youngstown/Fountain/nw area	0	0	1617	0	0	0	0
Bay 27 Vicksburg/SR 77 n centr inl	0	0	130	0	0	0	0
Bay 28 SR 79 nw inland area	0	0	53	0	0	0	0
Gulf 1 St. Joseph Peninsula	254	0	34	34	34	34	34
Gulf 2 Indian Pass Coastal	386	0	51	51	51	51	51
Gulf 3 Port St Joe Waterfront	680	0	227	227	227	227	227
Gulf 4 Highland View Coastal	70	0	30	30	30	30	30
Gulf 5 Lake Wimico	114	0	0	0	0	0	0
Gulf 6 Indian Pass Inland	71	0	9	9	9	9	9
Gulf 7 Port St Joe Inland	766	0	255	255	255	255	255
Gulf 8 St. Joe Beach	77	26	436	436	436	436	436
Gulf 9 Overstreet	91	91	514	514	514	514	514
Gulf 10 Howard Creek	345	0	0	0	0	0	0
Gulf 11 Highland View Inland	139	14	139	139	139	139	139
Gulf 12 Chipola River/White City	372	19	0	0	0	0	0
Gulf 13 Honeyville	266	53	0	0	0	0	0
Gulf 14 Northern Gulf County	468	0	0	0	0	0	0
Gulf 15 Wewahitchka	336	0	0	0	0	0	0
Totals by Segment	4513	283	54127	2374	2374	2374	2374

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis							
EVACUATING VEHICLES BY CRITICAL ROADWAY SEGMENT							
CATEGORY 4-5 HURRICANE – FUTURE 2032 YEAR							
With No New GCP-High Tourist Occupancy							
Evac Zone	Evac Veh SR 71 nb thru Wewa	Evac Veh CR 386 at SR 71	Evac Veh US 231 nb at SR20	Evac Veh GCP Segment A	Evac Veh GCP Segment B	Evac Veh GCP Segment C/D	Evac Veh GCP Segment E/F
Bay 1a PCB Beachfront	0	0	3599	0	0	0	0
Bay 1b Gulf Lagoon/Biltmore Bch/State	0	0	10720	0	0	0	0
Bay 2 Sunnyside/Luguna Bch	0	0	663	0	0	0	0
Bay 3 St And Snd/Mex Bch front	279	279	80	0	0	0	0
Bay 4 East Bay south shore	49	49	105	0	0	0	0
Bay 5 East Bay north shore	0	0	687	0	0	0	0
Bay 6 West Bay south shore/bayou	0	0	276	0	0	0	0
Bay 7a West Bay north shore/bayou	0	0	52	0	0	0	0
Bay 7b North Bay north shore/bayou	0	0	60	0	0	0	0
Bay 8 North Bay southeast shore/bayou	0	0	2028	0	0	0	0
Bay 9 area e of Thomas Dr/ PCB rem	0	0	6350	0	0	0	0
Bay10 Powell Lake Area	0	0	84	0	0	0	0
Bay 11 West Bay s and w cat 2 area	0	0	290	0	0	0	0
Bay 12 North Bay n shore cat 2 area	0	0	47	0	0	0	0
Bay 13 Lynn Haven and s cat 2 area	0	0	731	0	0	0	0
Bay 14 St Andrew Bay n shore area	0	0	5331	0	0	0	0
Bay 15 Pitts Bayou/Callaway	0	0	3746	0	0	0	0
Bay 16 Mexico Bch rem	506	506	145	0	0	0	0
Bay 17 Tyndall AFB	242	242	523	0	0	0	0
Bay 18 PCB inland US98 areas	0	0	6387	0	0	0	0
Bay 19 Cat 4-5 area w of SR 79	0	0	278	0	0	0	0
Bay 20 North Bay cat 4-5 area	0	0	121	0	0	0	0
Bay 21 Panama City cat 4-5 area	0	0	3739	0	0	0	0
Bay 22 Deer Pt Lake/upper bayous	0	0	300	0	0	0	0
Bay 23 Cedar Gr/Springfield/Parker inl	0	0	5592	0	0	0	0
Bay 24 Hiland Pk/P City nw inland	0	0	4780	0	0	0	0
Bay 25 SR 22 se inland areas	0	0	721	0	0	0	0
Bay 26 Youngstown/Fountain/nw area	0	0	1677	0	0	0	0
Bay 27 Vicksburg/SR 77 n centr inl	0	0	78	0	0	0	0
Bay 28 SR 79 nw inland area	0	0	27	0	0	0	0
Gulf 1 St. Joseph Peninsula	312	0	0	0	0	0	0
Gulf 2 Indian Pass Coastal	713	0	0	0	0	0	0
Gulf 3 Port St Joe Waterfront	909	0	0	0	0	0	0
Gulf 4 Highland View Coastal	129	19	0	0	0	0	0
Gulf 5 Lake Wimico	143	0	0	0	0	0	0
Gulf 6 Indian Pass Inland	82	0	0	0	0	0	0
Gulf 7 Port St Joe Inland	1024	0	0	0	0	0	0
Gulf 8 St. Joe Beach	642	193	0	0	0	0	0
Gulf 9 Overstreet	748	711	0	0	0	0	0
Gulf 10 Howard Creek	504	0	0	0	0	0	0
Gulf 11 Highland View Inland	352	70	0	0	0	0	0
Gulf 12 Chipola River/White City	475	24	0	0	0	0	0
Gulf 13 Honeyville	401	80	0	0	0	0	0
Gulf 14 Northern Gulf County	655	0	0	0	0	0	0
Gulf 15 Wewahitchka	430	0	0	0	0	0	0
Totals by Segment	8595	2172	59215	0	0	0	0

Gulf Coast Parkway Corridor Study-HurricaneEvac Analysis							
EVACUATING VEHICLES BY CRITICAL ROADWAY SEGMENT							
CATEGORY 4-5 HURRICANE – FUTURE 2032 YEAR							
With New GCP-High Tourist Occupancy							
Evac Zone	Evac Veh SR 71 nb thru Wewa	Evac Veh CR 386 at SR 71	Evac Veh US 231 nb at SR20	Evac Veh GCP Segment A	Evac Veh GCP Segment B	Evac Veh GCP Segment C/D	Evac Veh GCP Segment E/F
Bay 1a PCB Beachfront	0	0	3599	0	0	0	0
Bay 1b Gulf Lagoon/Biltmore Bch/State	0	0	10720	0	0	0	0
Bay 2 Sunnyside/Luguna Bch	0	0	994	0	0	0	0
Bay 3 St And Snd/Mex Bch front	20	20	319	239	239	239	239
Bay 4 East Bay south shore	8	8	122	41	41	41	41
Bay 5 East Bay north shore	0	0	768	0	0	0	0
Bay 6 West Bay south shore/bayou	0	0	331	0	0	0	0
Bay 7a West Bay north shore/bayou	0	0	69	0	0	0	0
Bay 7b North Bay north shore/bayou	0	0	77	0	0	0	0
Bay 8 North Bay southeast shore/bayou	0	0	2028	0	0	0	0
Bay 9 area e of Thomas Dr/ PCB rem	0	0	7144	0	0	0	0
Bay10 Powell Lake Area	0	0	106	0	0	0	0
Bay 11 West Bay s and w cat 2 area	0	0	347	0	0	0	0
Bay 12 North Bay n shore cat 2 area	0	0	60	0	0	0	0
Bay 13 Lynn Haven and s cat 2 area	0	0	731	0	0	0	0
Bay 14 St Andrew Bay n shore area	0	0	5998	0	0	0	0
Bay 15 Pitts Bayou/Callaway	0	0	3746	0	0	0	0
Bay 16 Mexico Bch rem	36	36	578	434	434	434	434
Bay 17 Tyndall AFB	40	40	604	201	201	201	201
Bay 18 PCB inland US98 areas	0	0	8516	0	0	0	0
Bay 19 Cat 4-5 area w of SR 79	0	0	696	0	0	0	0
Bay 20 North Bay cat 4-5 area	0	0	156	0	0	0	0
Bay 21 Panama City cat 4-5 area	0	0	4274	0	0	0	0
Bay 22 Deer Pt Lake/upper bayous	0	0	300	0	0	0	0
Bay 23 Cedar Gr/Springfield/Parker inl	0	0	5592	0	0	0	0
Bay 24 Hiland Pk/P City nw inland	0	0	4780	0	0	0	0
Bay 25 SR 22 se inland areas	0	0	721	0	0	0	0
Bay 26 Youngstown/Fountain/nw area	0	0	1677	0	0	0	0
Bay 27 Vicksburg/SR 77 n centr inl	0	0	130	0	0	0	0
Bay 28 SR 79 nw inland area	0	0	53	0	0	0	0
Gulf 1 St. Joseph Peninsula	275	0	37	37	37	37	37
Gulf 2 Indian Pass Coastal	629	0	84	84	84	84	84
Gulf 3 Port St Joe Waterfront	682	0	227	227	227	227	227
Gulf 4 Highland View Coastal	90	0	39	39	39	39	39
Gulf 5 Lake Wimico	143	0	0	0	0	0	0
Gulf 6 Indian Pass Inland	73	0	10	10	10	10	10
Gulf 7 Port St Joe Inland	768	0	256	256	256	256	256
Gulf 8 St. Joe Beach	96	32	546	546	546	546	546
Gulf 9 Overstreet	112	112	636	636	636	636	636
Gulf 10 Howard Creek	504	0	0	0	0	0	0
Gulf 11 Highland View Inland	176	18	176	176	176	176	176
Gulf 12 Chipola River/White City	475	24	0	0	0	0	0
Gulf 13 Honeyville	401	80	0	0	0	0	0
Gulf 14 Northern Gulf County	655	0	0	0	0	0	0
Gulf 15 Wewahitchka	430	0	0	0	0	0	0
Totals by Segment	5614	370	67243	2925	2925	2925	2925

Gulf Coast Parkway Corridor Study-Hurricane Evac Analysis											
HURRICANE EVACUATION CLEARANCE TIMES- FUTURE 2032 YEAR											
Category 4-5 Hurricane											
Low Tourist Occupancy											
With No GCP <i>Analysis Roadway Segments</i>	Total Evac	1st Quarter	1st Quarter	2nd Quarter	2nd Quarter	3rd Quarter	3rd Quarter	4th Quarter	4th Quarter	Clearance	Background
	Vehicles	Evac	Service	Evac	Service	Evac	Service	Evac	Service	Time(hours)	Traffic/Response
	Vehicles	Volume	Volume	Vehicles	Volume	Vehicles	Volume	Vehicles	Volume		Factor(in hours)
State Rd 71 thru Wewahitchka	6926	1385	800	2770	720	2078	648	693	800	11.7	2
County Rd 386 at SR 71	1669	334	500	668	450	501	405	167	500	5.7	2
US 231 nb at SR20	47927	9585	2200	19171	1980	14378	1782	4793	2200	26.3	2
With New GCP											
<i>Analysis Roadway Segments</i>											
State Rd 71 thru Wewahitchka	4513	903	800	1805	720	1354	648	451	800	8.3	2
County Rd 386 at SR 71	283	57	500	113	450	85	405	28	500	2.6	2
US 231 nb at SR20	54127	10825	2200	21651	1980	16238	1782	5413	2200	29.4	2
GCP segment A	2374	475	3000	949	2700	712	2430	237	3000	2.9	2
GCP segment B	2374	475	3000	949	2700	712	2430	237	3000	2.9	2
GCP segment C/D	2374	475	3000	949	2700	712	2430	237	3000	2.9	2
GCP segment E/F	2374	475	2200	949	1980	712	1782	237	2200	3.2	2
Category 4-5 Hurricane											
High Tourist Occupancy											
With No GCP <i>Analysis Roadway Segments</i>	Total Evac	1st Quarter	1st Quarter	2nd Quarter	2nd Quarter	3rd Quarter	3rd Quarter	4th Quarter	4th Quarter	Clearance	Background
	Vehicles	Evac	Service	Evac	Service	Evac	Service	Evac	Service	Time(hours)	Traffic/Response
	Vehicles	Volume	Volume	Vehicles	Volume	Vehicles	Volume	Vehicles	Volume		Factor(in hours)
State Rd 71 thru Wewahitchka	8595	1719	800	3438	720	2579	648	860	800	14.0	2
County Rd 386 at SR 71	2172	434	500	869	450	652	405	217	500	6.8	2
US 231 nb at SR20	59215	11843	2200	23686	1980	17764	1782	5921	2200	32.0	2
With New GCP											
<i>Analysis Roadway Segments</i>											
State Rd 71 thru Wewahitchka	5614	1123	800	2246	720	1684	648	561	800	9.8	2
County Rd 386 at SR 71	370	74	500	148	450	111	405	37	500	2.8	2
US 231 nb at SR20	67243	13449	2200	26897	1980	20173	1782	6724	2200	36.1	2
GCP segment A	2925	585	3000	1170	2700	877	2430	292	3000	3.1	2
GCP segment B	2925	585	3000	1170	2700	877	2430	292	3000	3.1	2
GCP segment C/D	2925	585	3000	1170	2700	877	2430	292	3000	3.1	2
GCP segment E/F	2925	585	2200	1170	1980	877	1782	292	2200	3.5	2