

GULF ISLANDS NATIONAL SEASHORE TRAFFIC DATA PACKAGE

**NPS Traffic Monitoring
Program, Coverage Count and
Data Reporting Project
DTFH71-02-R-00013**



January 30, 2004

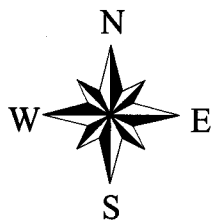
Prepared for

**Department of Transportation
Federal Highway Administration
Eastern Federal Lands Highway Division**



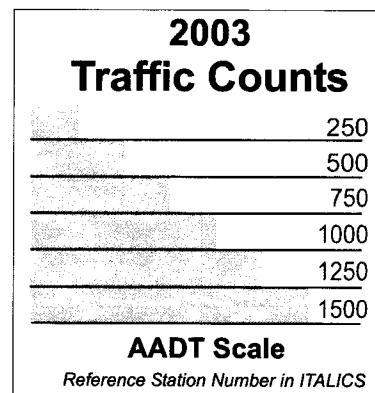
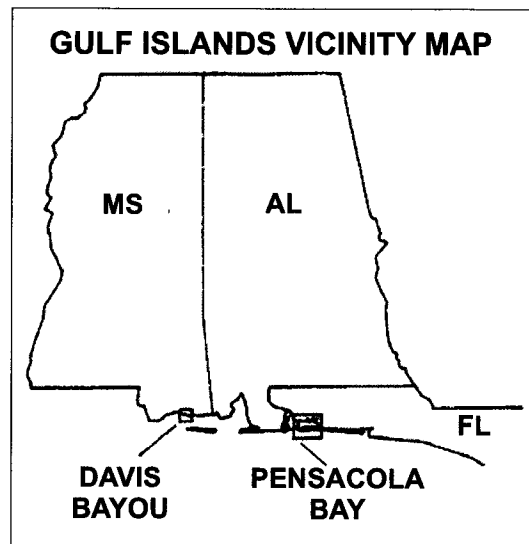
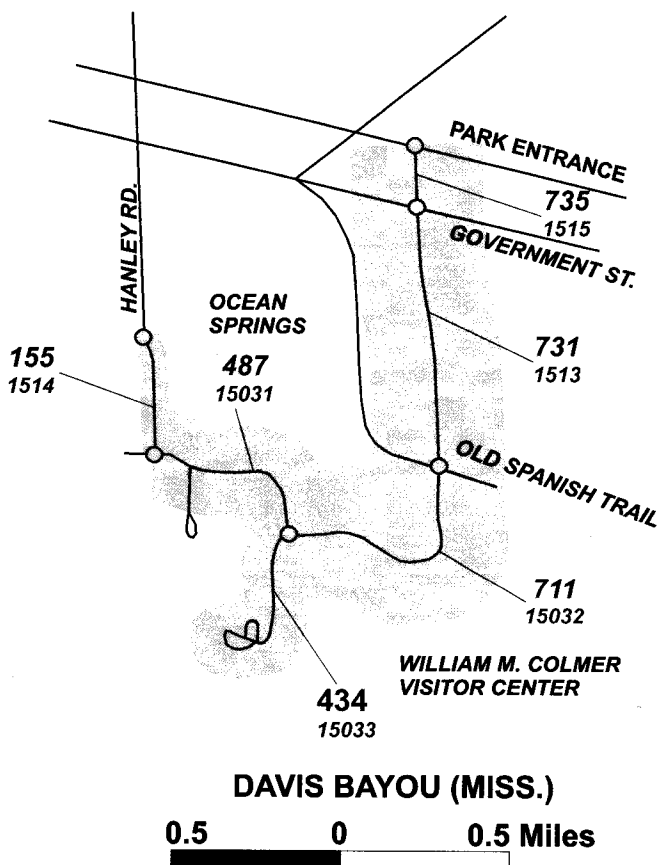
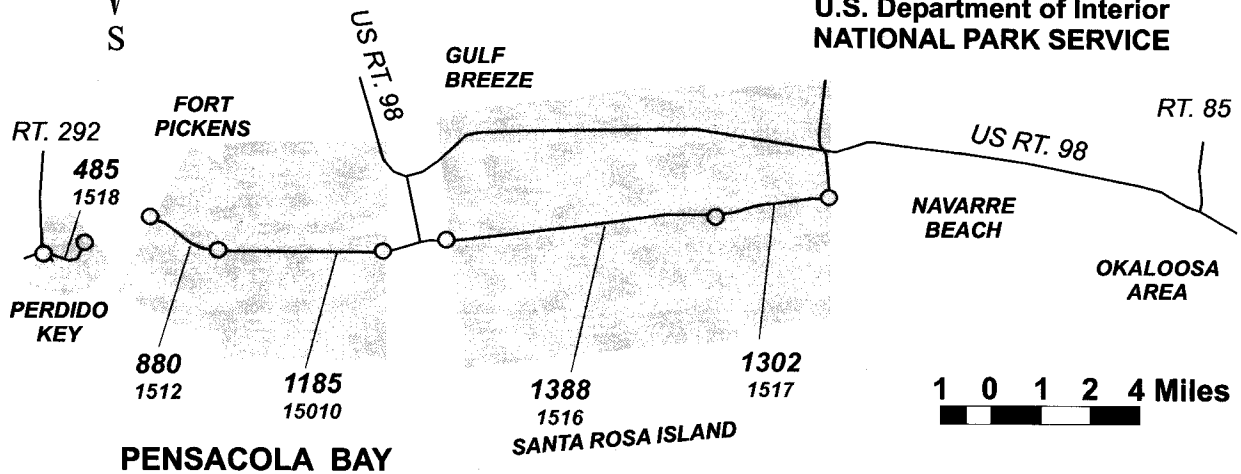
Submitted by





Gulf Islands National Seashore

Florida & Mississippi
U.S. Department of Interior
NATIONAL PARK SERVICE



National Park Service Traffic Count Program

GULF ISLANDS NATIONAL SEASHORE

TRAFFIC TRENDS SUMMARY

Rt. No.	Roadway Segment	Sta. ID.	Length	AADT				VMT(1000's)			
				1988	1991	1994	2003	1988	1991	1994	2003
11	Santa Rosa Rd. - E. Park Bdry. To Recreation Facility	1517	2.75	100	1066	1810	1302	100	1070	1817	1307
11	Santa Rosa Rd. - Recreation Facility to Beaches	15020*	2.55	100	1708	1742	1388	93	1590	1621	1292
11	Santa Rosa Rd. - Recreation Facility to West Park Boundary	1516	2.59	100	1136	1732	1388	95	1074	1637	1312
12	Ft. Pickens Rd. - East Park Bdry. To Ranger Station	15010	4.63	100	1454	1593	1185	169	2457	2692	2003
12	Ft. Pickens Rd. - Ranger Station to Ft. Pickens Loop Rd.	1512	2.41	100	668	1510	880	88	588	1328	774
13	Perdido Key Area Access Rd. - Park Bdry. To End of Loop	1518	2.45	100	689	789	485	89	616	706	434
14	Magnolia Park Rd. - Hanley Road to Starks Blvd.	15031	0.58	100	608	619	487	21	129	131	103
15	Starks Blvd. - Government Street to Old Spanish Trail	1513	0.87	100	1695	893	731	32	538	284	232
15	Starks Blvd. - Old Spanish Trail to Hanley Road	15032	0.73	100	684	716	711	27	182	191	189
15	Starks Blvd. - Hanley Road to End of Loop	15033	0.33	100	469	434	434	12	56	52	52
16	Hanley Rd. - North Park Boundary to Magnolia Park Road	1514	0.33	100	596	752	155	12	72	91	19
VMT SUMMARY								738	8372	10550	7717

Note: AADT -- Annual Average Daily Traffic

VMT-- Vehicle Miles of Travel

* Station 15020 is not longer in use. Counts for this location were obtained from station 1516.

National Park Service Traffic Count Program

GULF ISLANDS NATIONAL SEASHORE

2003 TRAFFIC VOLUME SUMMARY

Sta. ID.	STATION LOCATION	BEGIN DATE	24 HR. VOL.	SEAS. FACT.	ANN. FACT.	SADT	AADT	REF. STA.
15010	Ft. Pickens Rd. - East Park Bdry. To Ranger Station					1318	1185	Self
15031	Magnolia Park Rd. - Hanley Road to Starks Blvd.					516	487	Self
15032	Starks Blvd. - Old Spanish Trail to Hanley Road					740	711	Self
15033	Starks Blvd. - Hanley Road to End of Loop					451	434	Self
1512	Ft. Pickens Rd. - Ranger Station to Ft. Pickens Loop Rd.	4/5/03	1686	0.58036	0.52191	978	880	15010
1513	Starks Blvd. - Government Street to Old Spanish Trail	4/5/03	1151	0.6619	0.63551	762	731	15032
1514	Hanley Rd. - North Park Boundary to Magnolia Park Road	4/5/03	246	0.66753	0.62991	164	155	15031
1515	Starks Blvd. - US Hwy. 90 to Government Street	4/5/03	1156	0.6619	0.63551	765	735	15032
1516	Santa Rosa Rd. - Recreation Facility to West Park Boundary	4/5/03	2660	0.58036	0.52191	1544	1388	15010
1517	Santa Rosa Rd. - E. Park Bdry. To Recreation Facility	4/5/03	2495	0.58036	0.52191	1448	1302	15010
1518	Perdido Key Area Access Rd. - Park Bdry. To End of Loop	4/5/03	930	0.58036	0.52191	540	485	15010

Note: AADT -- Annual Average Daily Traffic

SADT -- Seasonal Average Daily Traffic computed using data for the months containing 80% of annual volume.

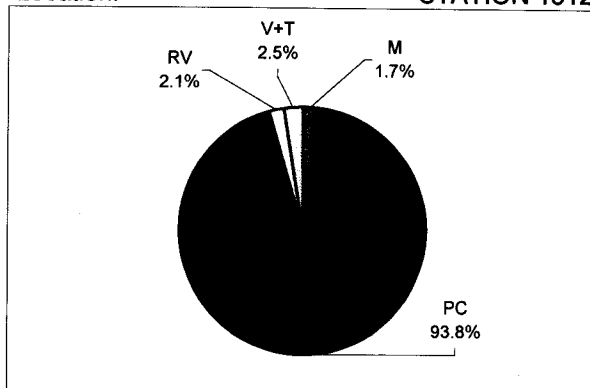
REF. STA. -- a permanent Automated Traffic Recorder (ATR) reference station used to obtain seasonal and annual adjustment factors for coverage counts.

National Park Service Traffic Count Program

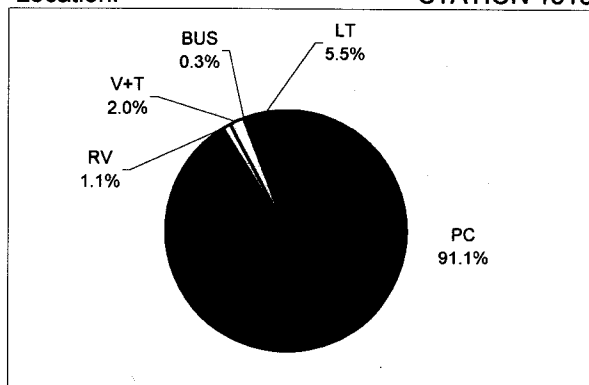
GULF ISLANDS NATIONAL SEASHORE

Vehicle Classification

Location: STATION 1512



Location: STATION 1513



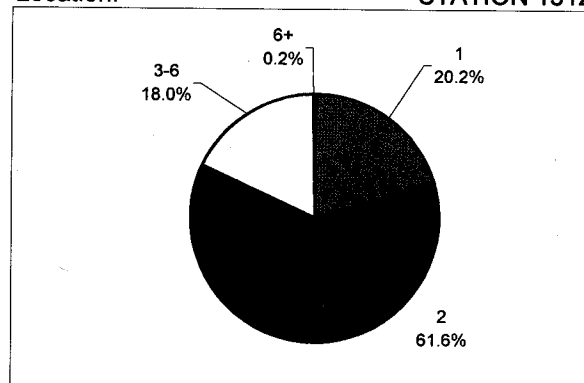
CLASSIFICATION LEGEND:

No.	Vehicle Type	FHWA Class
M	Motorcycles	Class 1
PC	Passenger Cars	Class 2
RV	Recreational Vehicles	N/A
V+T	Vehicles/RV pulling Trailer	N/A
BUS	Transit/Shuttle Buses	Class 4
TOUR	Tour Buses	Class 4
LT	Light-duty Trucks	Classes 3, 5
HT	Heavy-duty Trucks	Classes 6 - 13

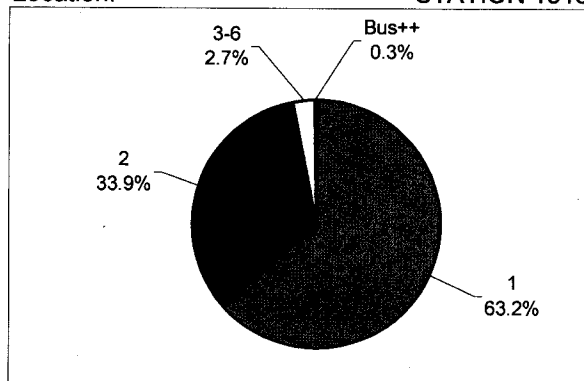
2003 TRAFFIC COMPOSITION SUMMARY

Vehicle Occupancy

Location: STATION 1512



Location: STATION 1513



OCCUPANCY LEGEND:

No.	Vehicle Occupancy
1	1 Occupant
2	2 Occupants
3-6	3-6 Occupants (car load)
6+	More than 6 Occupants, (non-Bus)
Bus 0	Bus, No Passengers
Bus +	Bus, Few Passengers
Bus++	Bus, Semi-Loaded
Bus Full	Bus, Fully Loaded

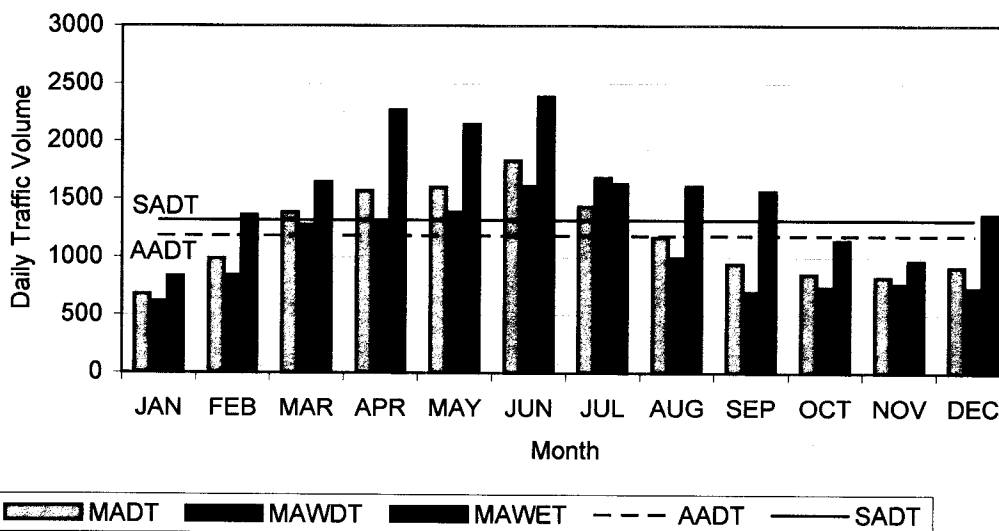
Note: Vehicle Classifications and Vehicle Occupancy values represented by 0% (No Occurrence) are not shown on the charts.

National Park Service Traffic Count Program

GULF ISLANDS NATIONAL SEASHORE

Station: 15010 Ft. Pickens Rd. - East Park Bdry. To Ranger Station

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2002	681	620	834	1.4212	1.5803
2	2002	991	843	1361	0.8709	0.9684
3	2002	1383	1278	1647	0.7196	0.8002
4	2002	1573	1294	2271	0.5219	0.5804
5	2002	1603	1386	2146	0.5523	0.6142
6	2002	1835	1613	2389	0.4961	0.5517
7	2002	1437	1685	1632	0.7263	0.8076
8	2001	1173	998	1612	0.7353	0.8176
9	2002	947	699	1568	0.7559	0.8406
10	2002	857	742	1146	1.0342	1.1501
11	2002	826	769	970	1.2219	1.3588
12	2002	917	736	1367	0.8670	0.9642
Annual Average Daily Traffic (AADT)				1185		
Annual Average Weekday Traffic (AAWDT)				1055		
Annual Average Weekend Traffic (AAWET)				1579		
Seasonal Average Daily Traffic (SADT)				1318		



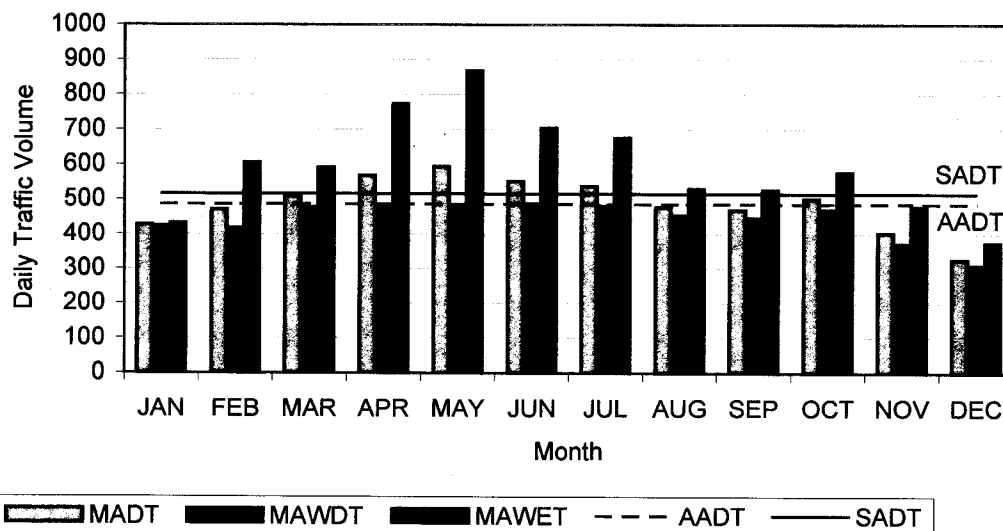
Note: AADTF is used to adjust coverage traffic volumes to AADT volume.
 SADTF is used to adjust coverage traffic volumes to SADT volume.
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

National Park Service Traffic Count Program

GULF ISLANDS NATIONAL SEASHORE

Station: 15031 Magnolia Park Rd. - Hanley Road to Starks Blvd.

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2002	428	425	433	1.1245	1.1917
2	2002	472	419	606	0.8035	0.8515
3	2002	510	478	592	0.8225	0.8716
4	2002	568	486	773	0.6299	0.6675
5	2002	594	485	868	0.5610	0.5945
6	2002	551	489	706	0.6897	0.7309
7	2002	538	482	677	0.7192	0.7622
8	2002	478	456	532	0.9153	0.9699
9	2002	471	448	527	0.9239	0.9791
10	2002	502	471	578	0.8424	0.8927
11	2002	403	373	479	1.0165	1.0772
12	2002	328	310	375	1.2984	1.3760
Annual Average Daily Traffic (AADT)				487		
Annual Average Weekday Traffic (AAWDT)				444		
Annual Average Weekend Traffic (AAWET)				596		
Seasonal Average Daily Traffic (SADT)				516		



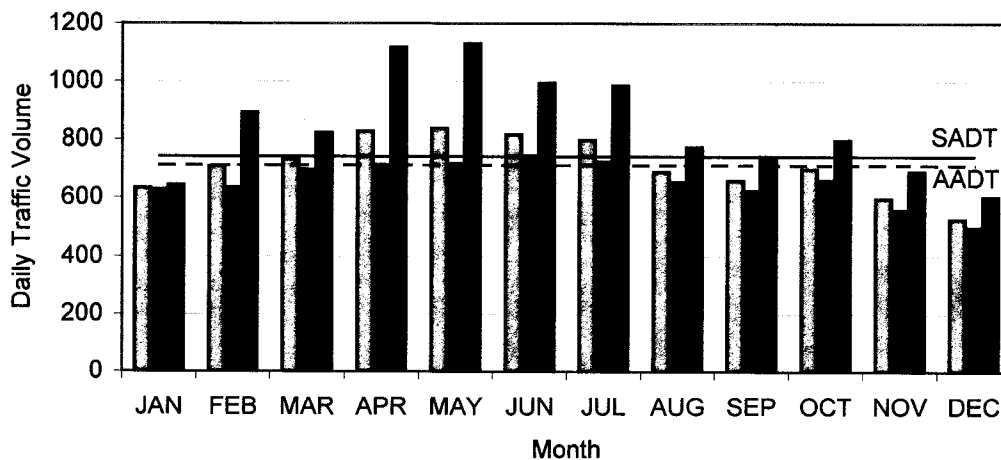
Note: AADTF is used to adjust coverage traffic volumes to AADT volume.
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 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

National Park Service Traffic Count Program

GULF ISLANDS NATIONAL SEASHORE

Station: 15032 Starks Blvd. - Old Spanish Trail to Hanley Road

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2002	633	629	645	1.1016	1.1473
2	2002	709	635	894	0.7947	0.8277
3	2002	733	697	822	0.8644	0.9002
4	2002	828	713	1118	0.6355	0.6619
5	2002	837	718	1132	0.6277	0.6537
6	2002	817	746	996	0.7134	0.7430
7	2002	799	725	986	0.7206	0.7505
8	2002	688	654	774	0.9180	0.9561
9	2002	659	625	741	0.9588	0.9987
10	2002	699	660	797	0.8915	0.9285
11	2002	596	559	689	1.0312	1.0740
12	2002	528	499	602	1.1802	1.2292
Annual Average Daily Traffic (AADT)				711		
Annual Average Weekday Traffic (AAWDT)				655		
Annual Average Weekend Traffic (AAWET)				850		
Seasonal Average Daily Traffic (SADT)				740		



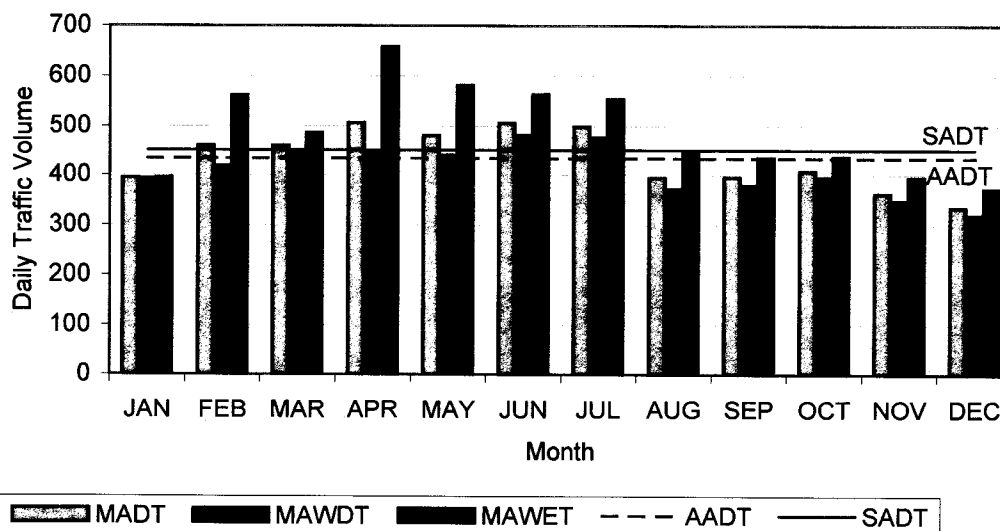
Note: AADTF is used to adjust coverage traffic volumes to AADT volume.
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National Park Service Traffic Count Program

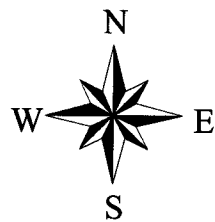
GULF ISLANDS NATIONAL SEASHORE

Station: 15033 Starks Blvd. - Hanley Road to End of Loop

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2002	395	394	396	1.0953	1.1389
2	2002	460	419	562	0.7718	0.8025
3	2002	460	449	487	0.8907	0.9261
4	2002	507	446	659	0.6582	0.6844
5	2002	481	441	582	0.7453	0.7749
6	2002	506	482	564	0.7691	0.7996
7	2002	499	477	554	0.7829	0.8141
8	2002	395	373	450	0.9639	1.0022
9	2002	396	380	436	0.9948	1.0344
10	2002	408	396	438	0.9903	1.0297
11	2002	363	349	396	1.0953	1.1389
12	2002	335	320	373	1.1629	1.2091
Annual Average Daily Traffic (AADT)				434		
Annual Average Weekday Traffic (AAWDT)				411		
Annual Average Weekend Traffic (AAWET)				491		
Seasonal Average Daily Traffic (SADT)				451		

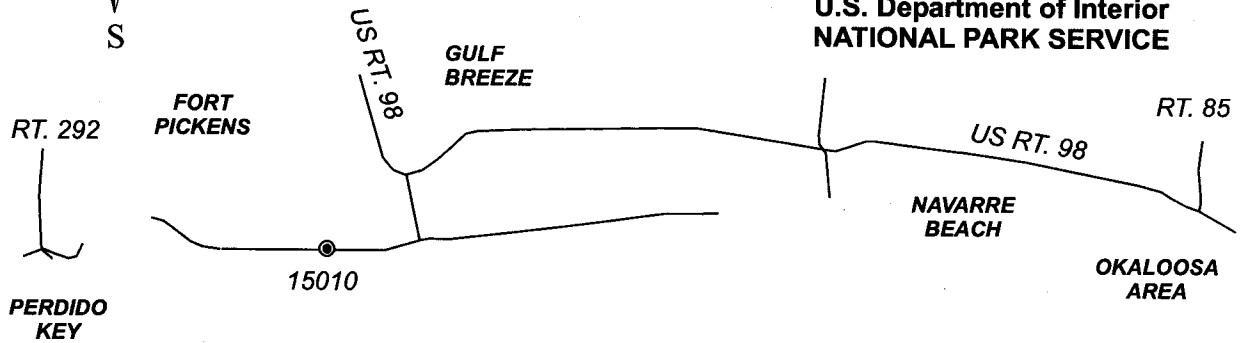


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Gulf Islands National Seashore

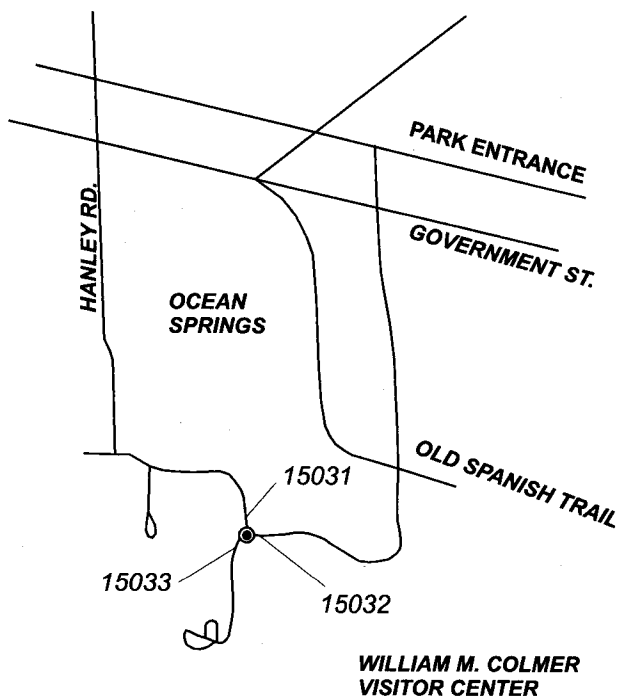
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1 0 1 2 4 Miles

PENSACOLA BAY

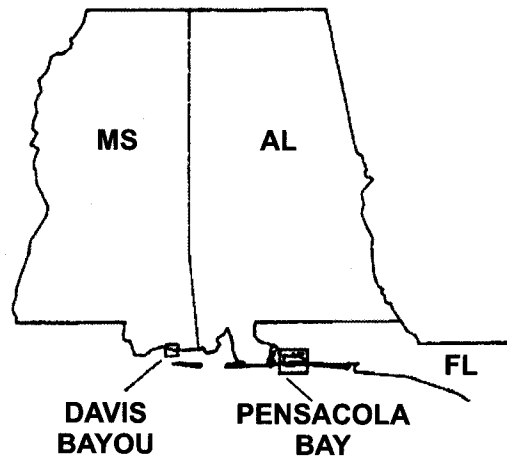
SANTA ROSA ISLAND

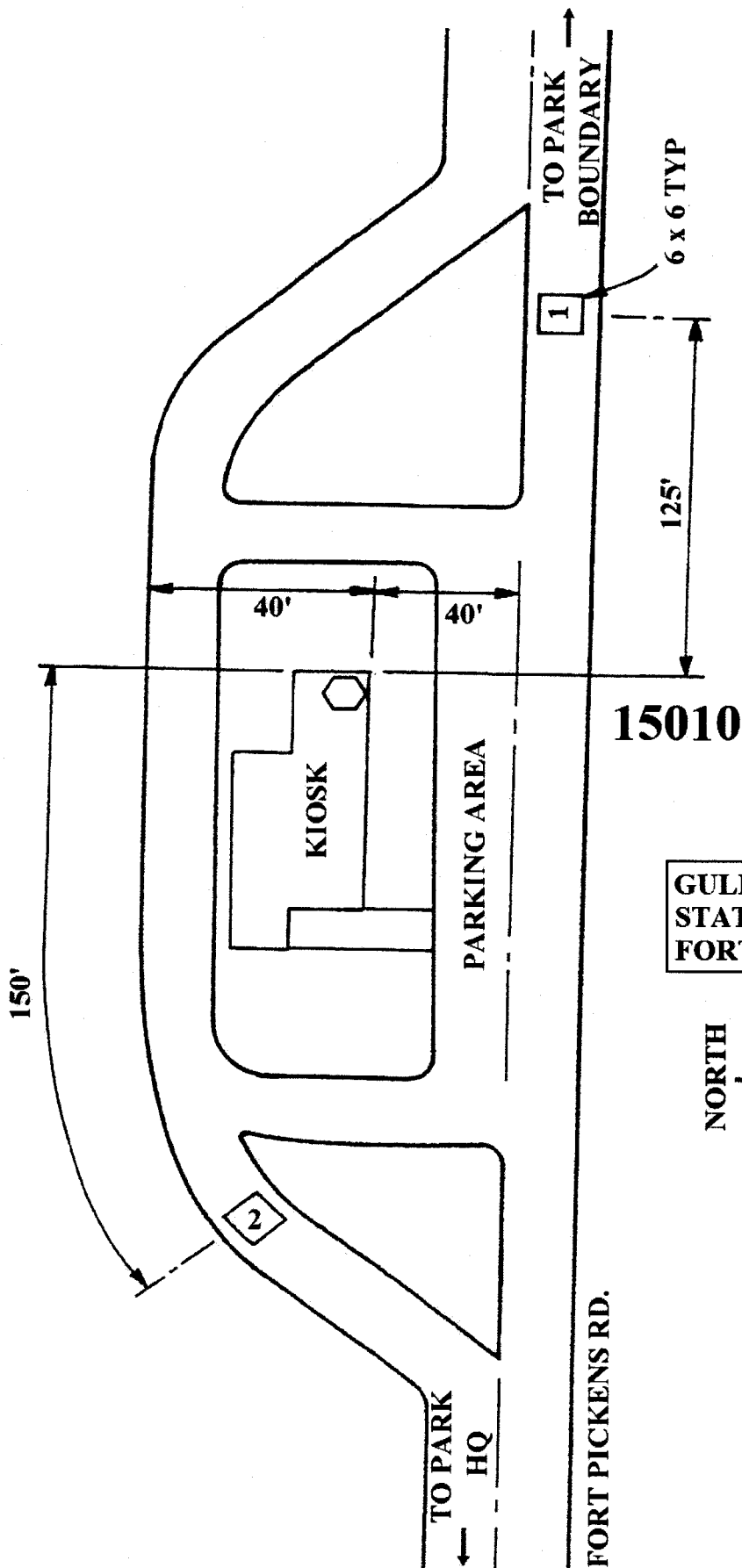


DAVIS BAYOU (MISS.)

0.5 0 0.5 Miles

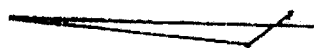
GULF ISLANDS VICINITY MAP

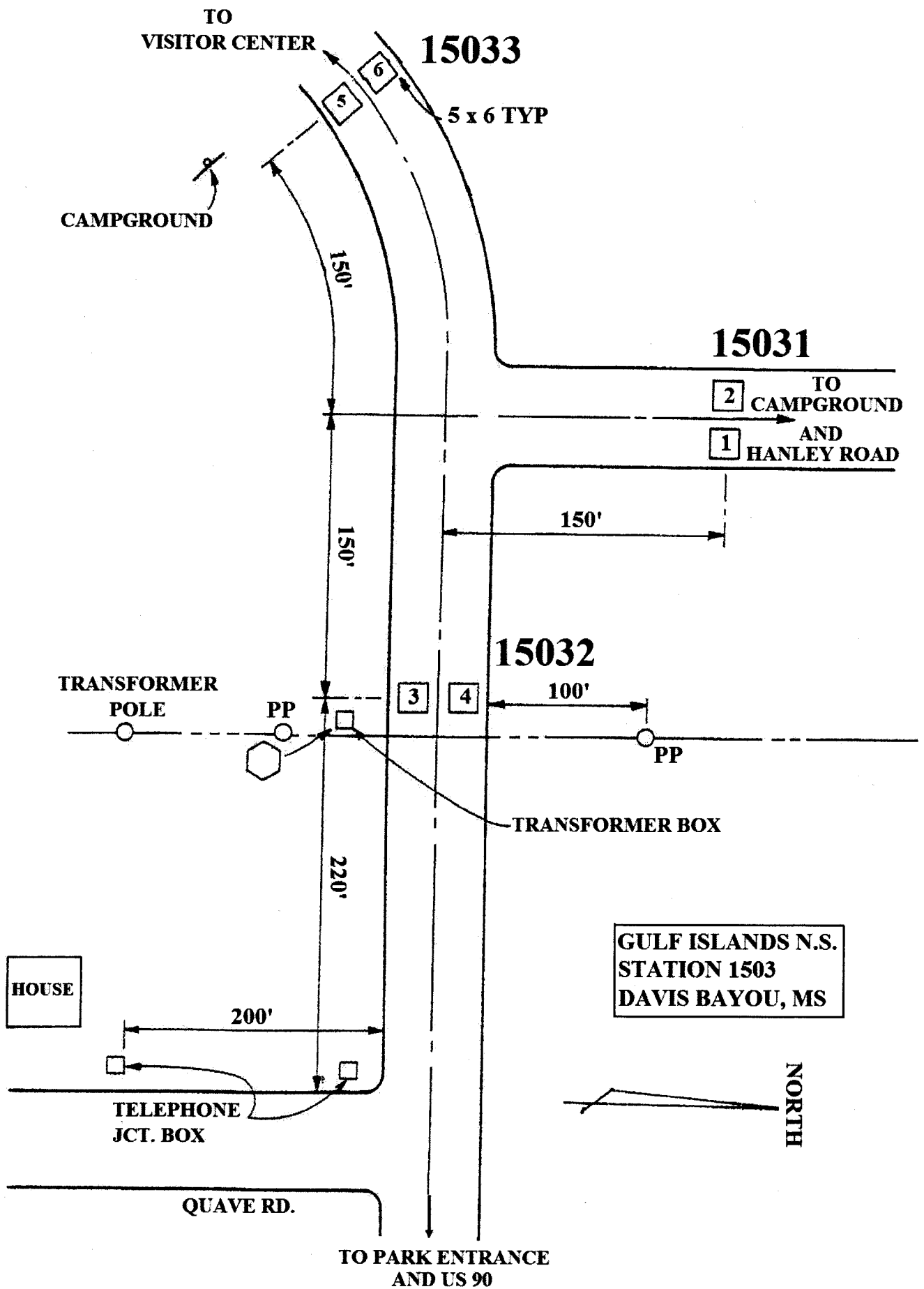




GULF ISLANDS N.S.
STATION 1501
FORT PICKENS RD.

NORTH





Submitted to:

**Mr. Frank Corrado, P.E., PTOE
Federal Highway Administration
Eastern Federal Lands Highway
Division**

21400 Ridgetop Circle

Sterling, VA 20166

Phone: 703-404-6372



www.eresconsultants.com

Submitted by



7184 Troy Hill Drive, Suite N

Elkridge, MD 21075

Phone: (410) 540-9949

Fax: (410) 540-9288

ERES No. 5674