

Figure 6-1

Conceptual Representation of Alternative #1
(No Action).

ALTERNATIVE #1 (No Action)

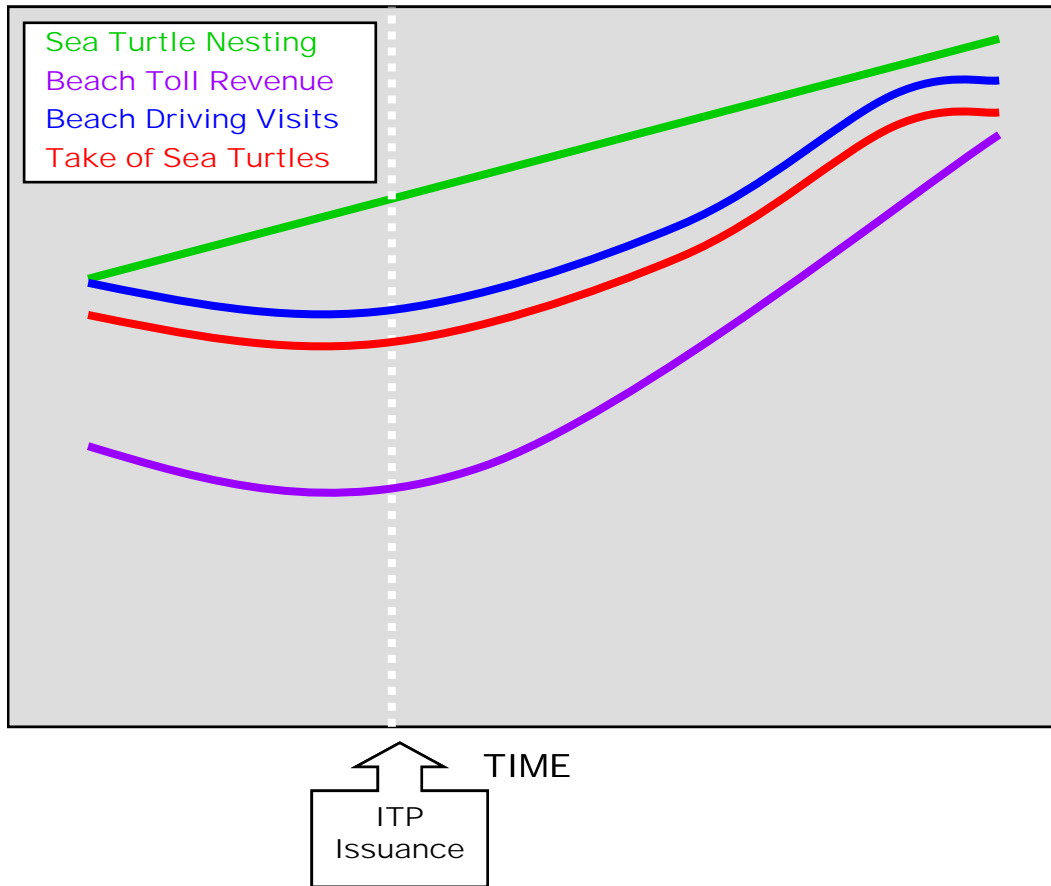


Figure 6-2

Graphs Necessary for the Evaluation of Alternatives #2 and #3.

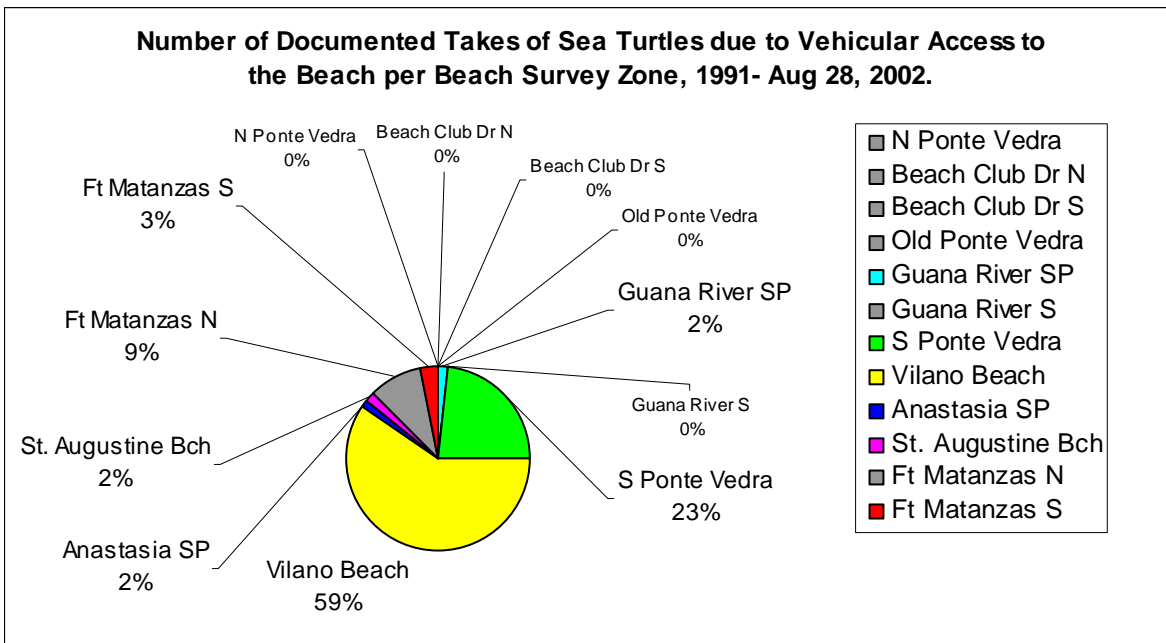
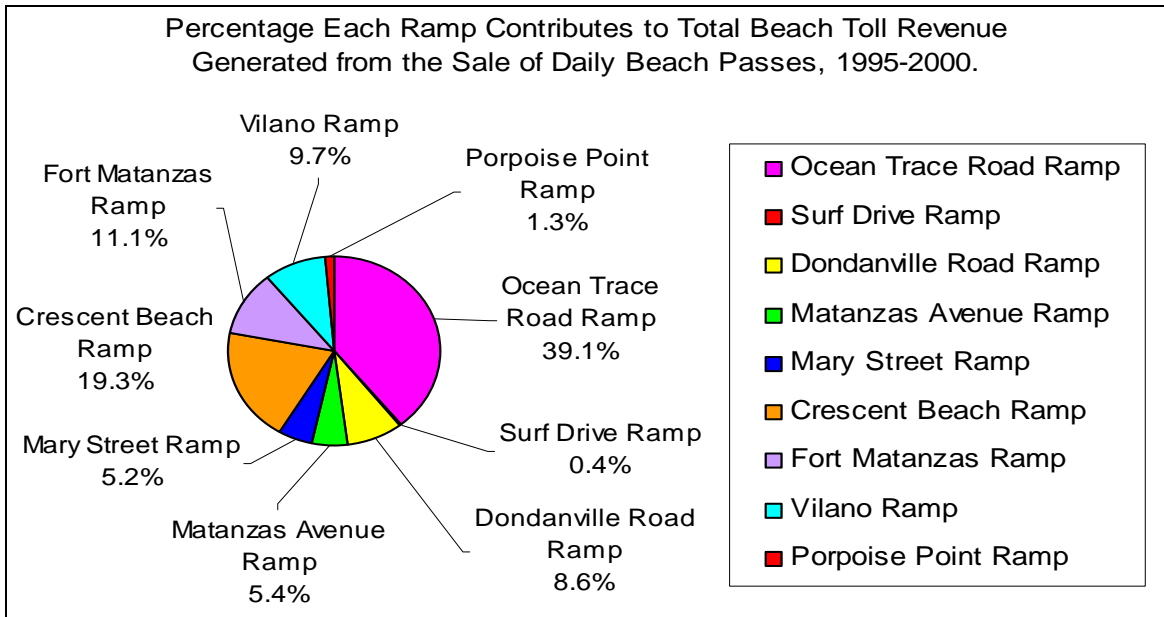


Figure 6-3

Relative Sea Turtle Nesting and Anastasia Island Beach Mouse Densities per Beach Survey Zone with Emphasis on Locations of Public Vehicular Access to the Beaches of St. Johns County, 1998-2001.

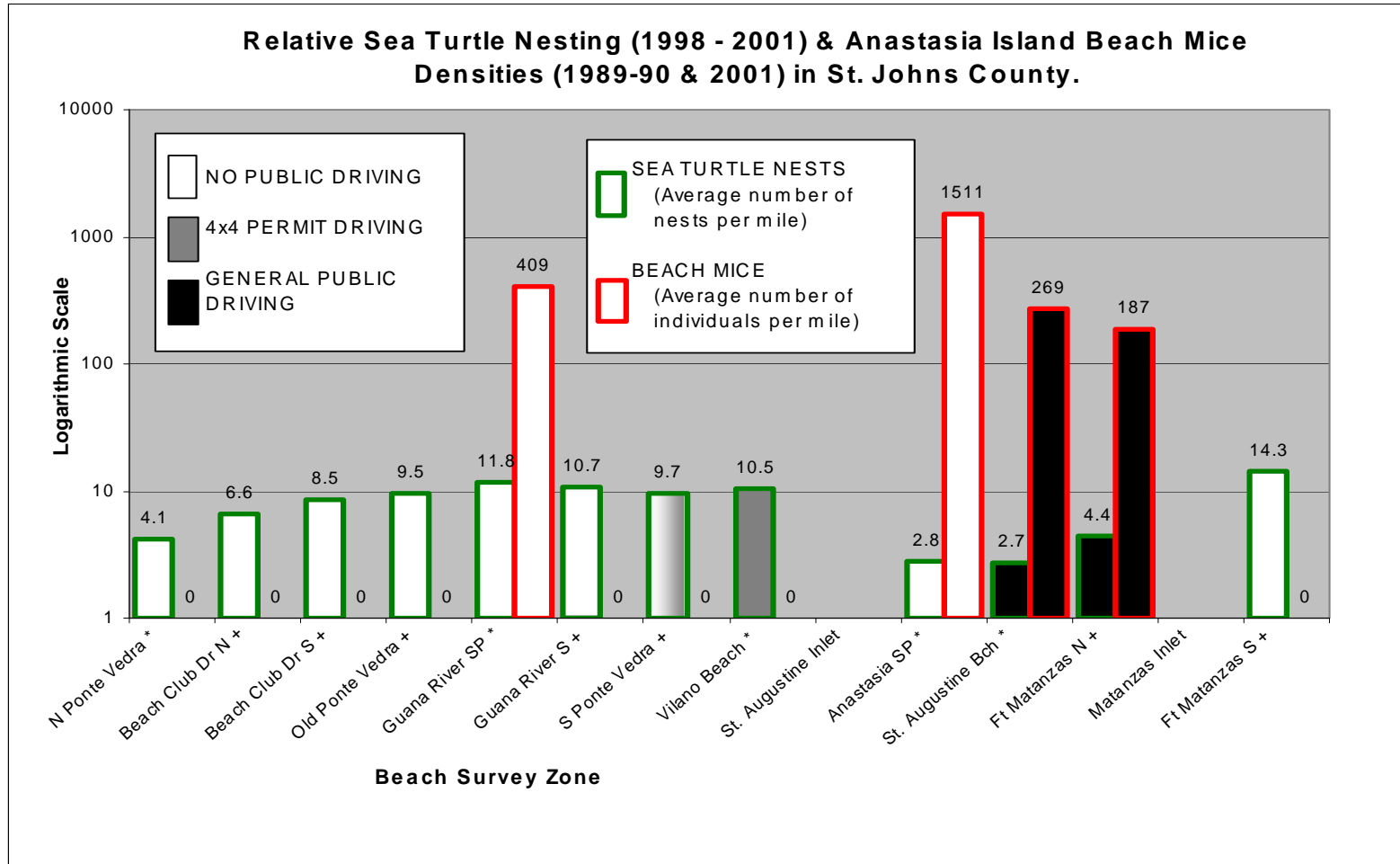


Figure 6-4

**Conceptual Representation of Alternative #3
(Elimination of Public Vehicular Access to the Beaches
North of Vilano Ramp and South of Fort Matanzas Ramp).**

ALTERNATIVE #3

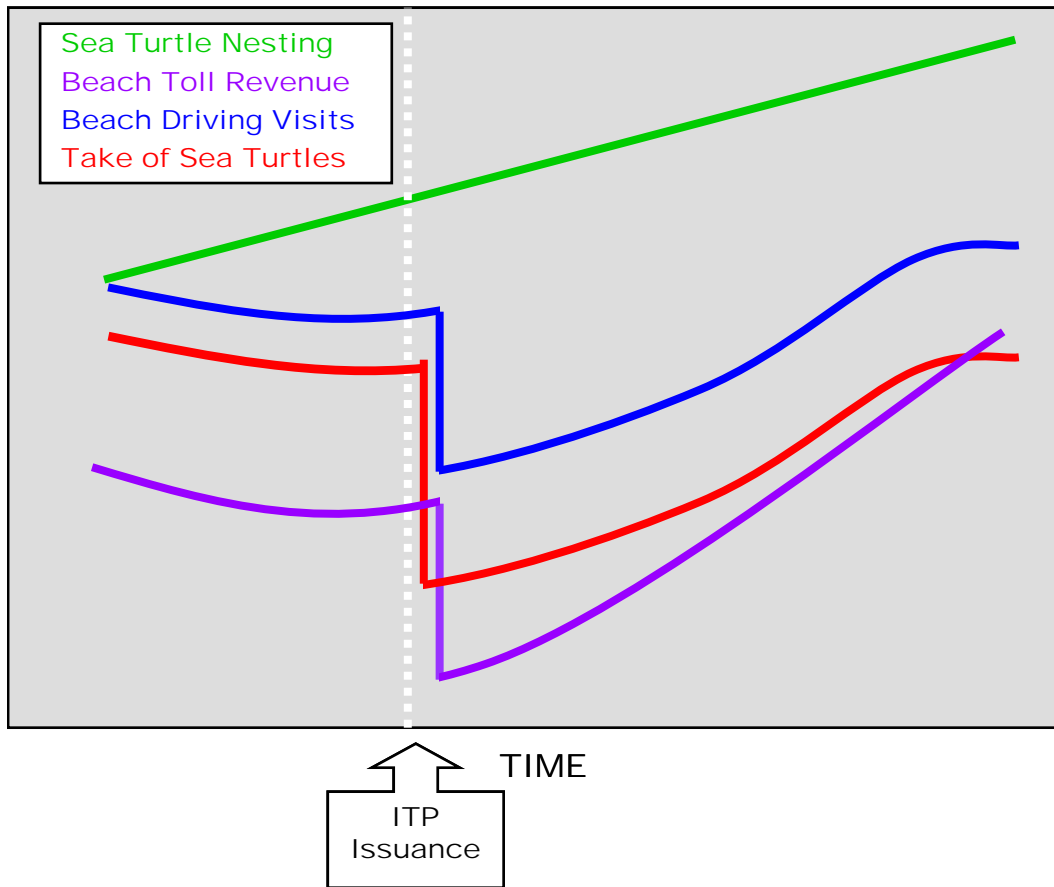


Figure 6-5

**Conceptual Representation of Alternative #4
(Elimination of Public Vehicular Access to All Beaches of St. Johns County).**

ALTERNATIVE #4

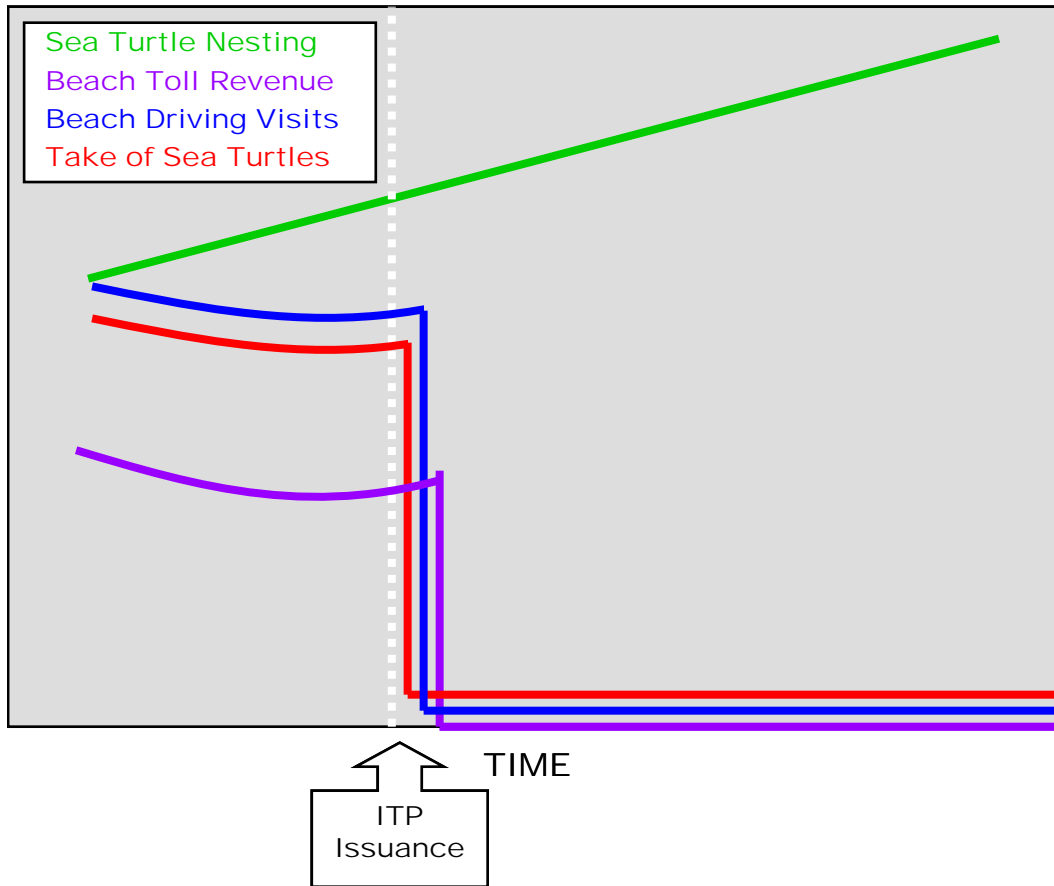


Figure 7-1a

Sunrise, Sunset, and Twilight in St. Augustine Beach, Florida during the 2003 Sea Turtle Nesting Season (May 1 – October 31).

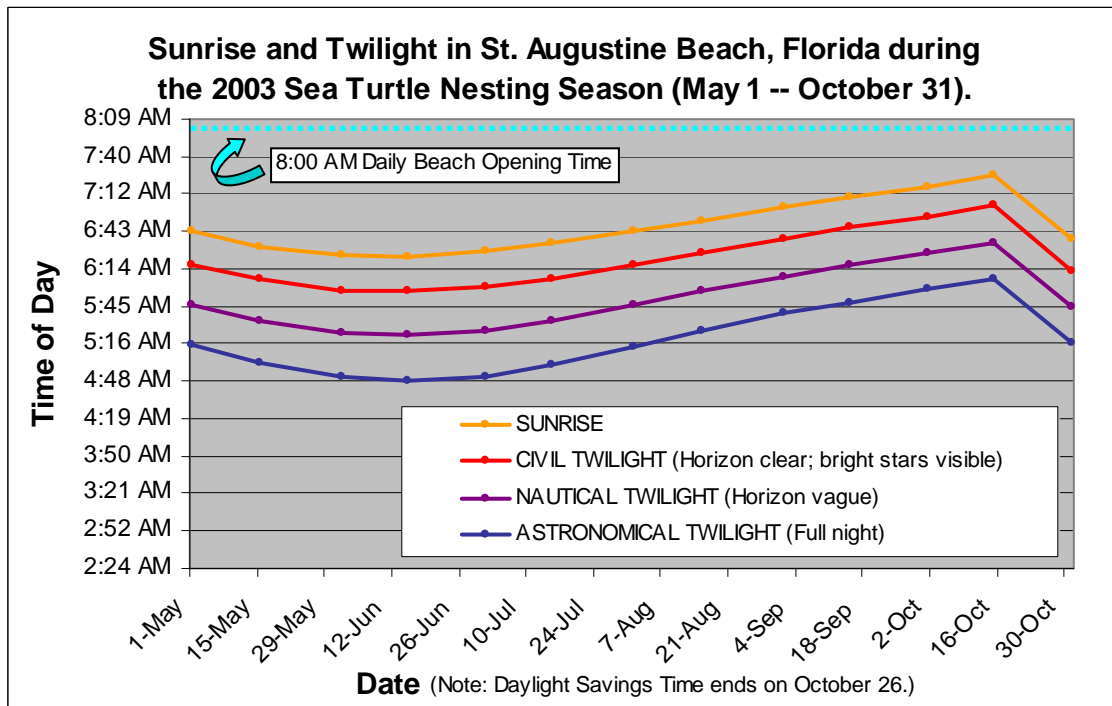
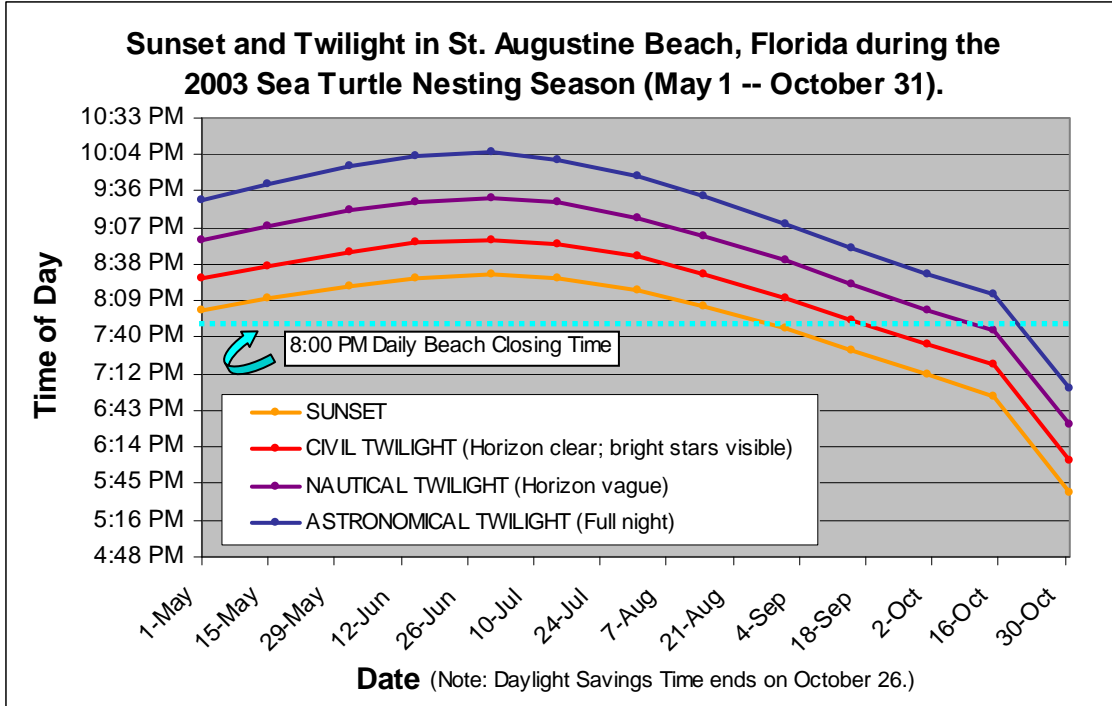
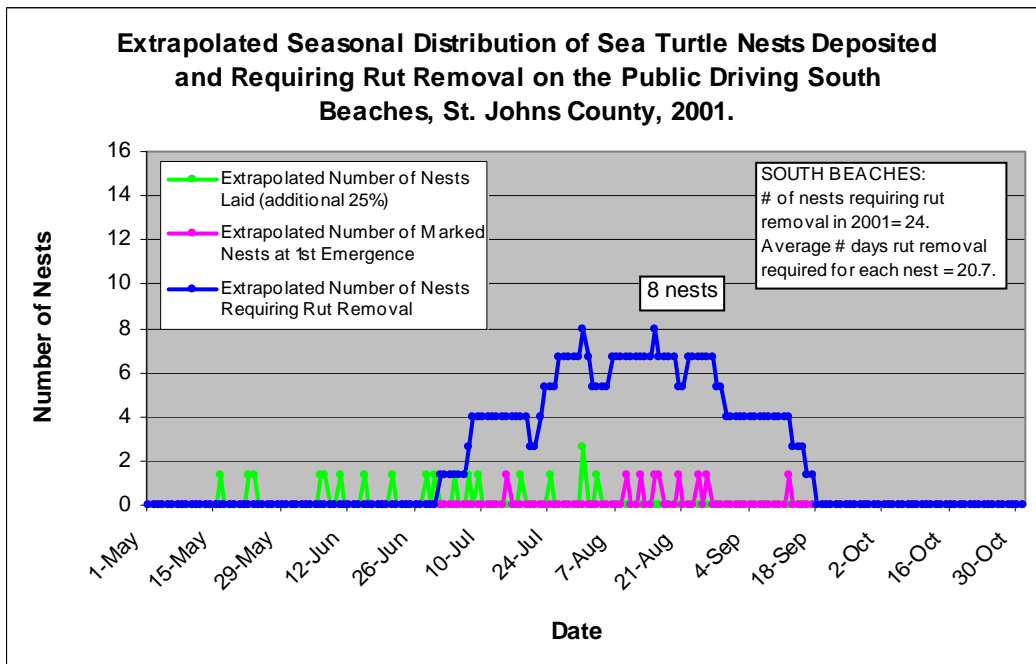
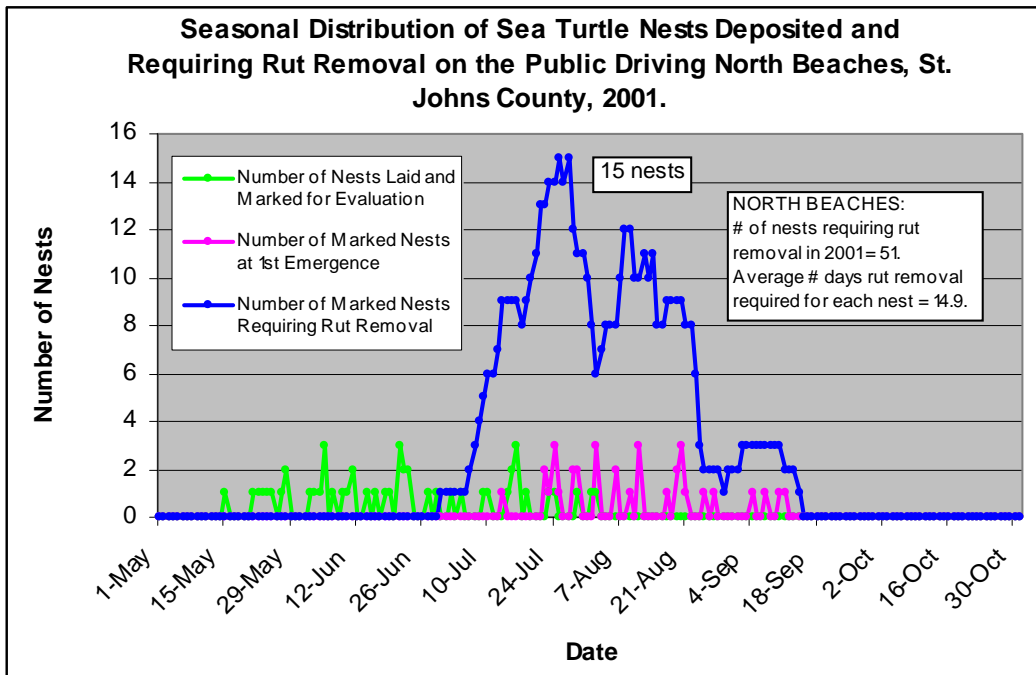


Figure 7-1b
Seasonal Distribution of the Number of Nests Deposited, Hatching, and Requiring Rut Removal in Public Driving Beaches, St. Johns County, 2001.

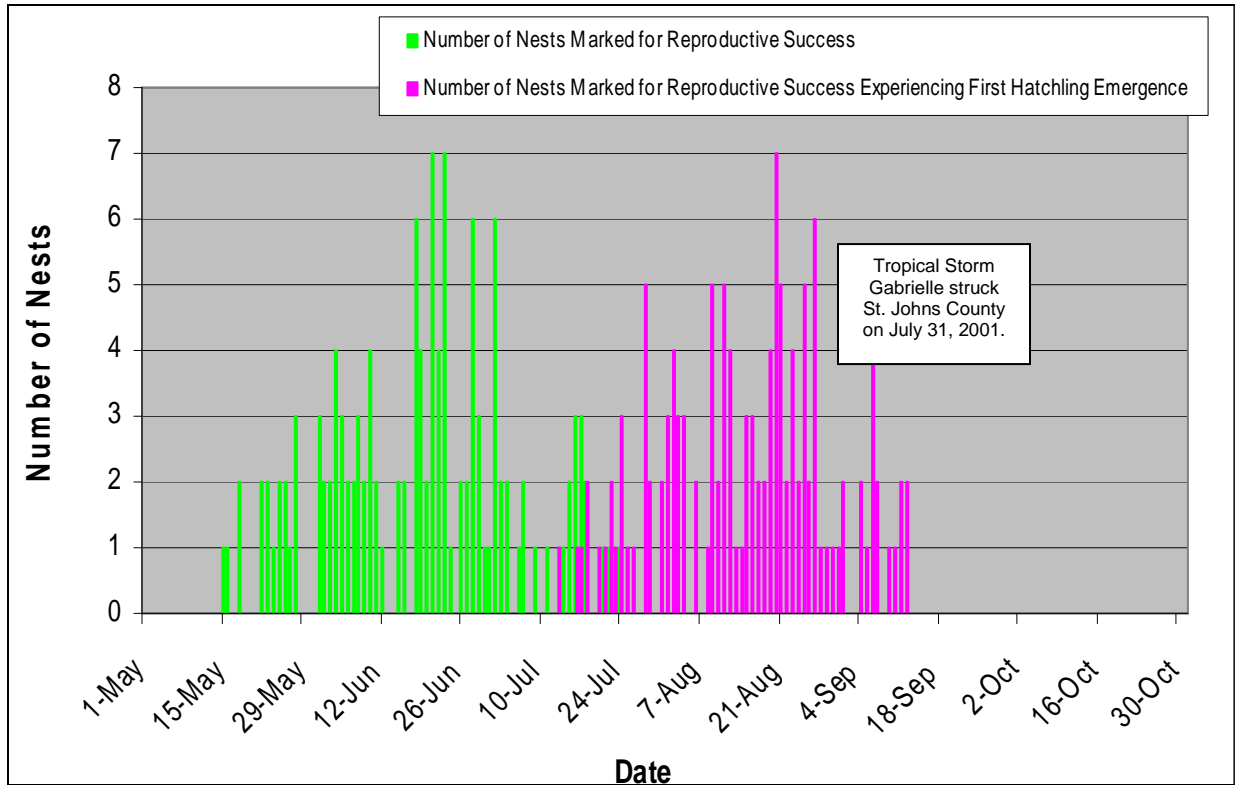


Source: FWC unpublished data 2001a.

Note that 2001 is the first year that a random sampling of Countywide nest-by-nest data has been systematically submitted by the PPHs to FWC. Since the public driving areas of St. Johns County do not correspond to the sea turtle nest monitoring zones, the data were extrapolated in order to better reflect true hatching and nesting within driving areas. One-third of the total nesting (15.7 nests) in the survey zone “Ponte Vedra South” (Gate Station to Usina Beach Ramp) was used, since one-third of the survey zone (south end) is open for driving. The South Beaches include nesting between Fort Matanzas Ramp to Matanzas Inlet, although St. Johns County is not responsible for rut removal within FMNM (all sea turtle data between Crescent Beach Ramp and Matanzas Inlet are lumped together for reporting purposes).

Figure 7-2

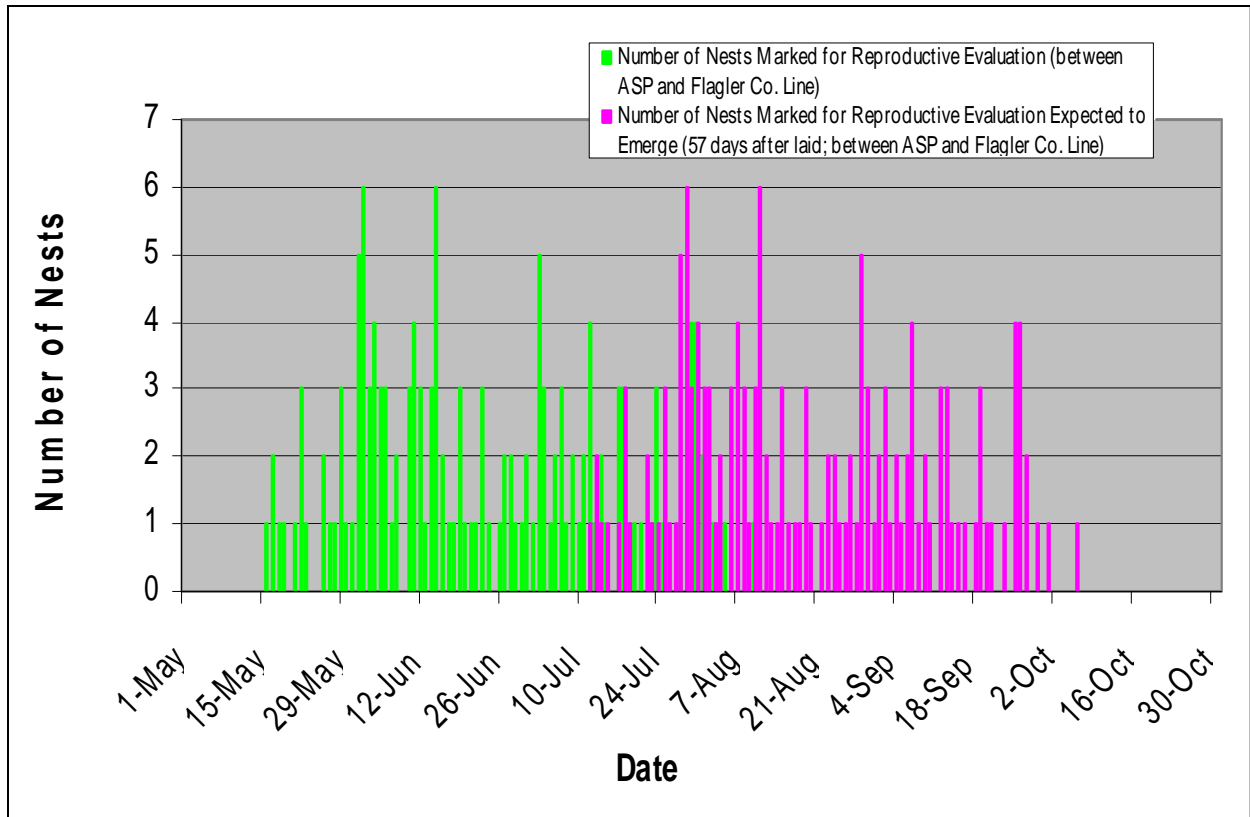
Seasonal Distribution of Select Loggerhead Turtle Nests Deposited and Observed First Hatchling Emergences in St. Johns County, 2001.



Source: FWC unpublished data 2001a.
Note that 2001 is the first year that a random sampling of Countywide nest-by-nest data has been systematically submitted by the PPHs to FWC.

Figure 7-3

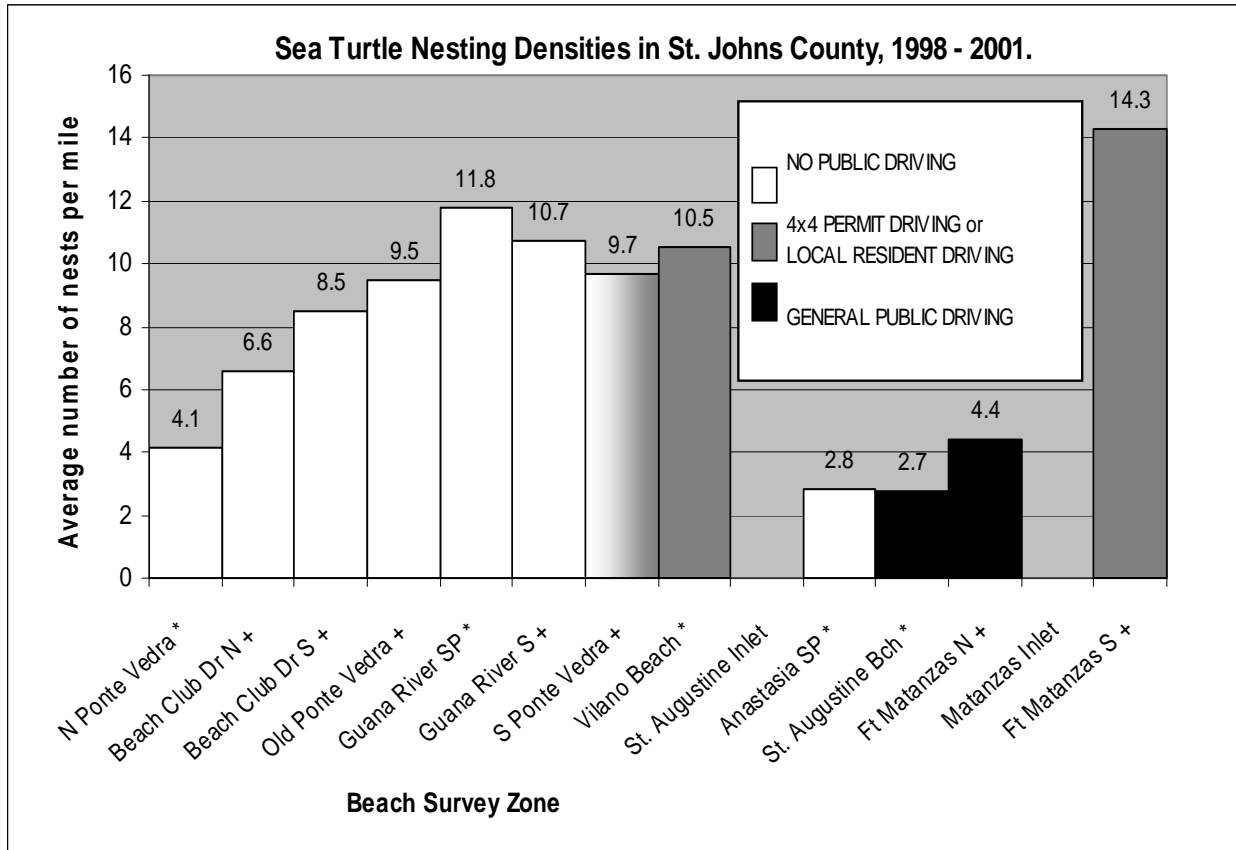
Seasonal Distribution of Select SeaTurtle Nests Deposited and Expected Hatchling Emergences between Anastasia State Park and the Flagler County Line in St. Johns County, 1998-2001.



Source: Stauber unpublished data 1998-2001;
Rich unpublished data 1998-2001.

Figure 7-4

Relative Sea Turtle Nesting Densities per Beach Survey Zone with Emphasis on Locations of Public Vehicular Access to the Beaches of St. Johns County, 1998-2001.



* Data taken from FWC unpublished data 1998-2001.
+ Data taken from Stoll unpublished data 1998-2000 and FWC unpublished data 2001.