

Overview of the SHRP 2 Project S07: In-Vehicle Driving Behavior Field Study Tampa Bay, FL

Presented at the Fifth SHRP 2 Safety Research Symposium
July 13, 2010

Dr. Pei-Sung Lin (CUTR/USF)
Mr. Alan Blatt (CUBRC)
Mr. John Pierowicz (CUBRC)

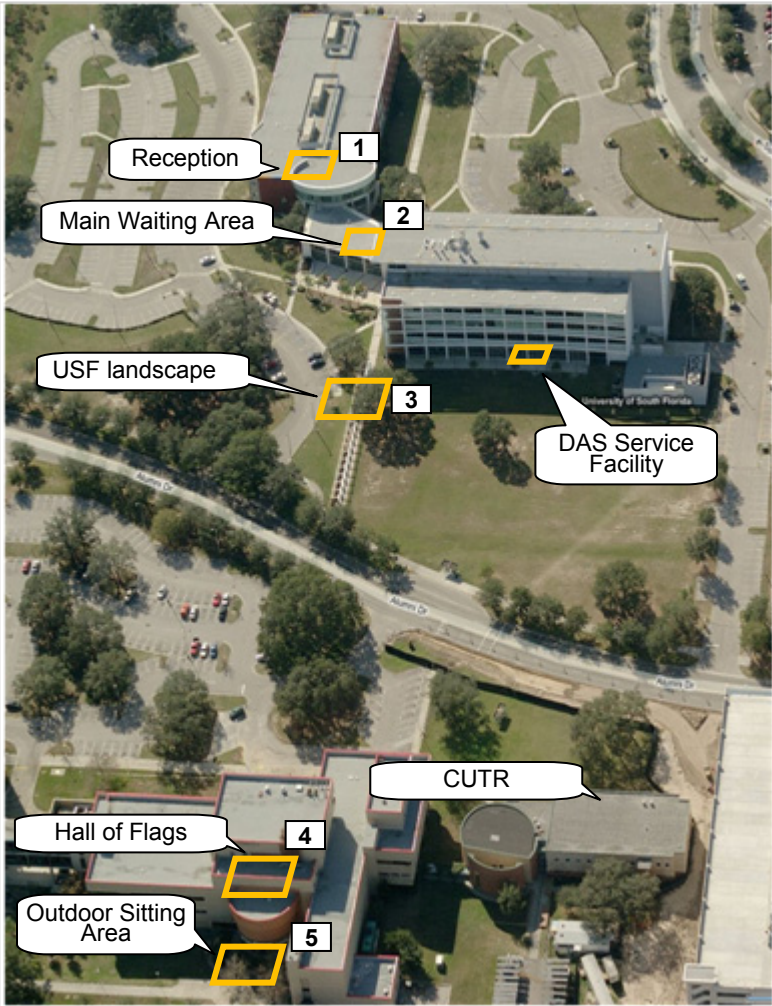


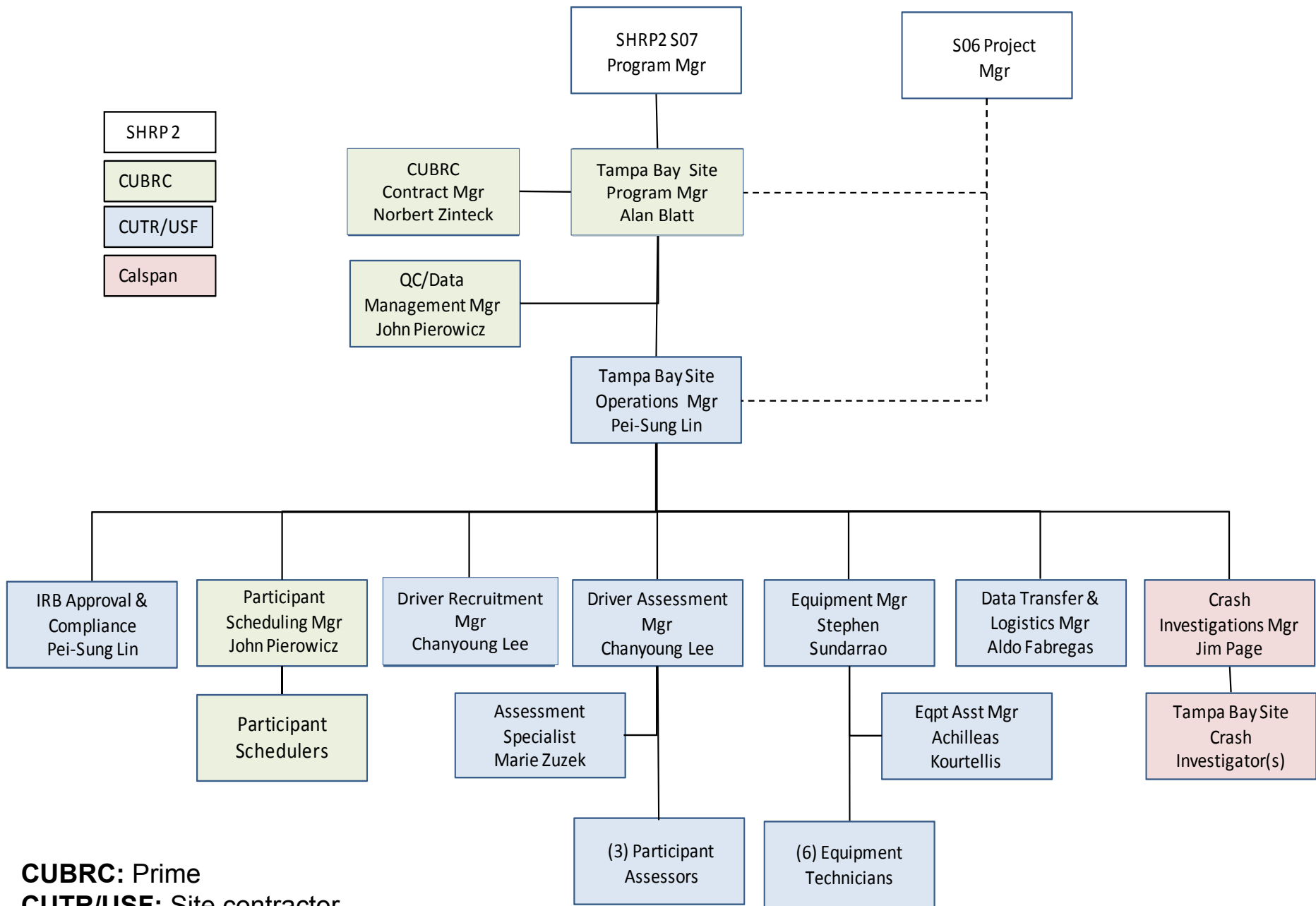
Topics

- **Facilities and Team**
- **Characteristics of the Study Area**
 - Location
 - Roadways
 - Demographics and fatal car crashes
- **Current Status of Site Activity**
 - Schedule
 - IRB
 - Site preparation
- **Questions**

Facilities and Team

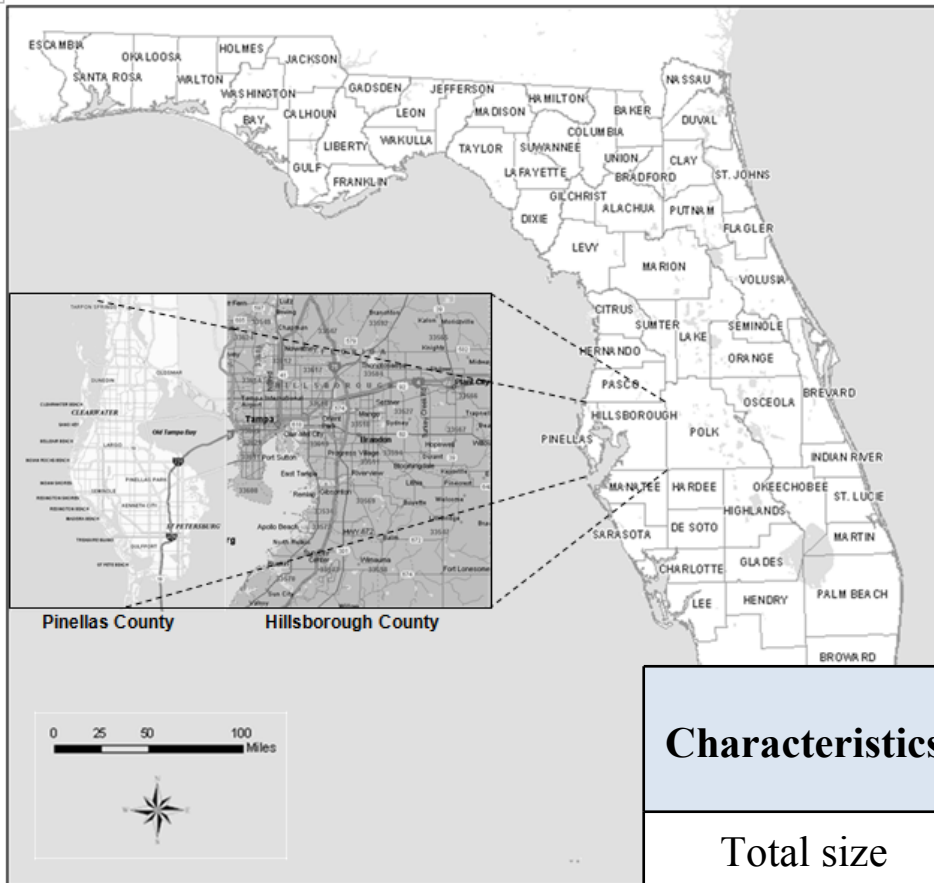






CUBRC: Prime
CUTR/USF: Site contractor
Calspan: Investigations

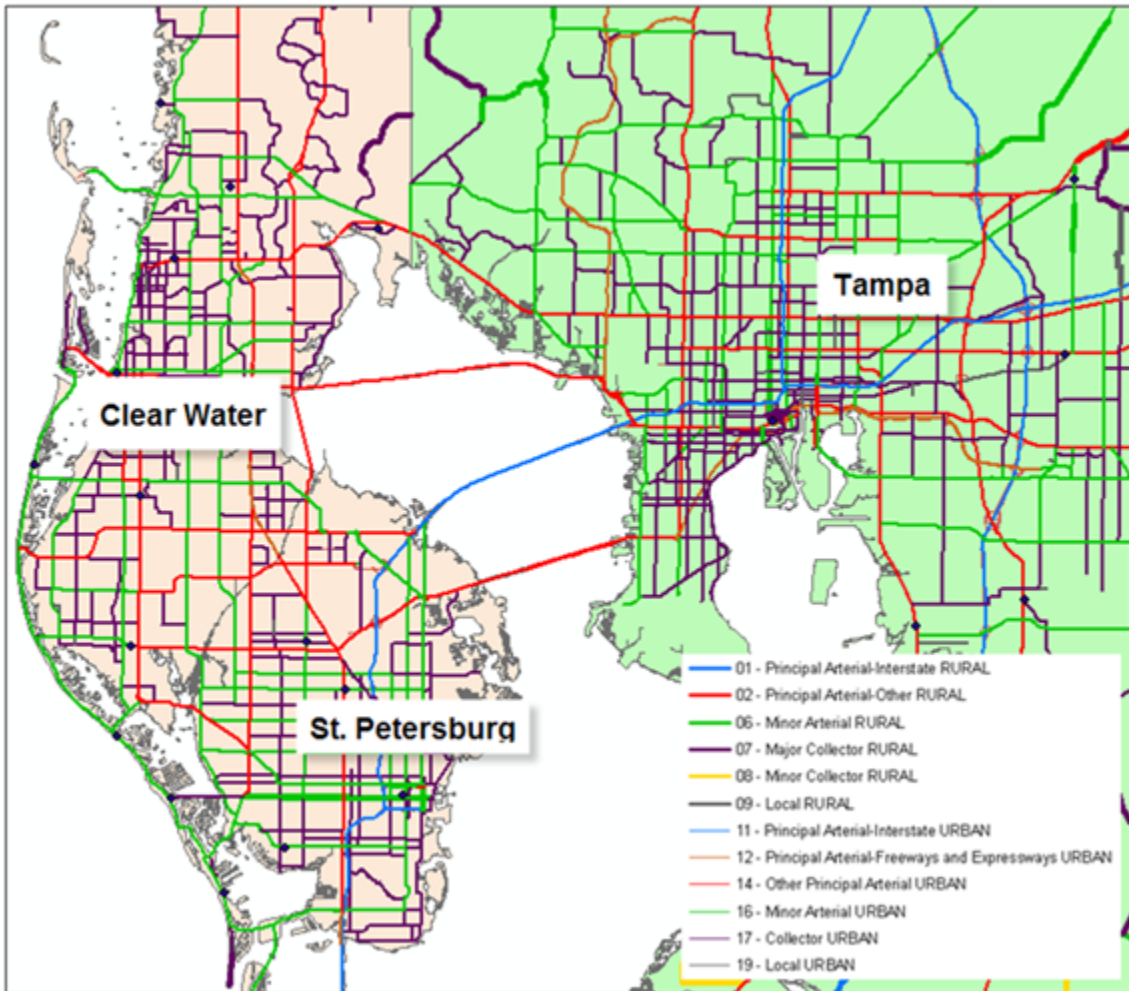
Characteristics of the Tampa Bay Study Site - Location



The Tampa Bay Area including Hillsborough and Pinellas counties, is located in the southeast corner of the U.S. and in central, west Florida

Characteristics	Hillsborough	Pinellas
Total size	1,266 mi ² (3,279 km ²)	608 mi ² (1,575 km ²)
Land area	1,051 mi ² (2,722 km ²)	280 mi ² (725 km ²)
Water area	215 mi ² (557 km ²)	328 mi ² (850 km ²)

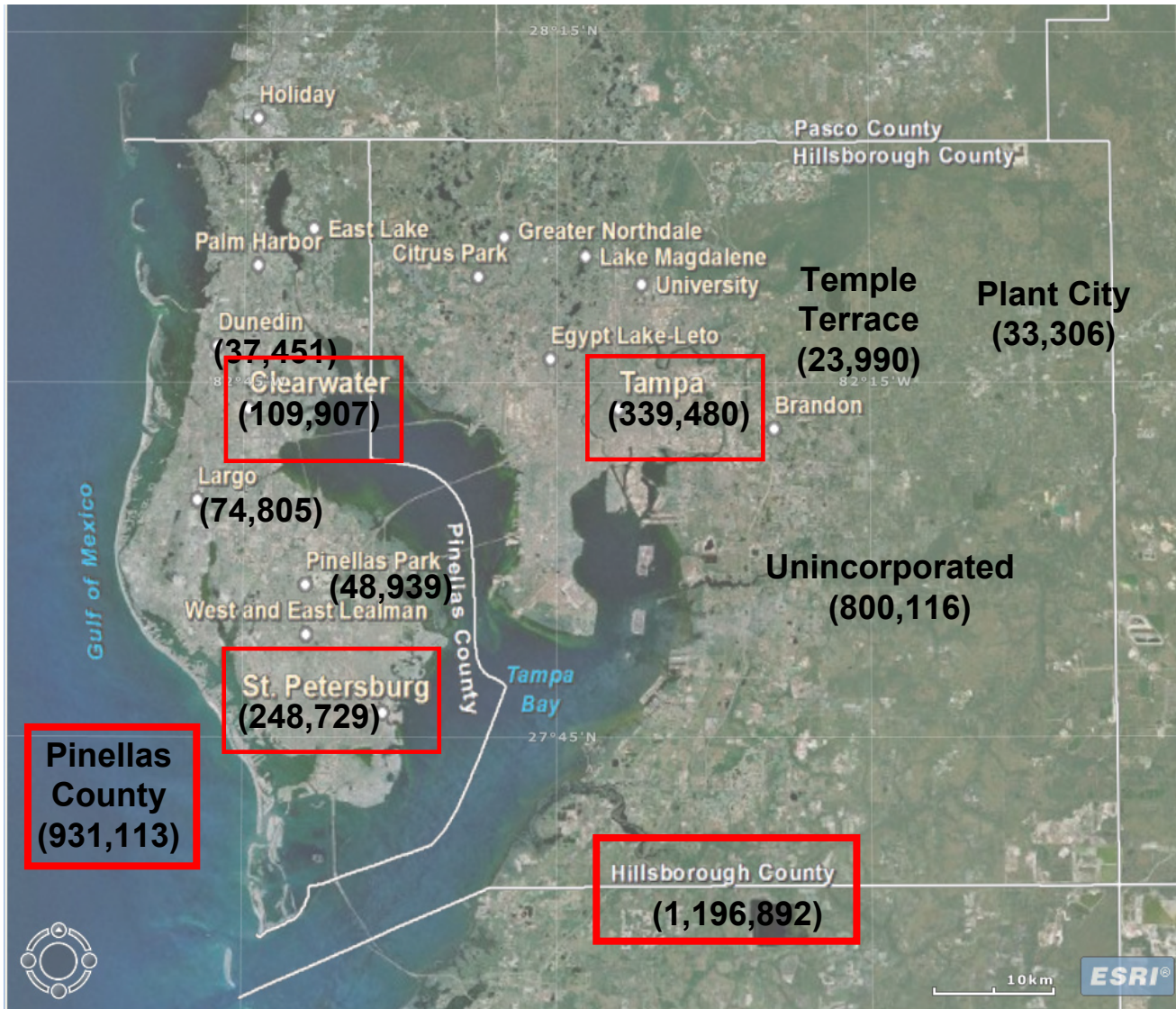
Study Site Roadway Characteristics



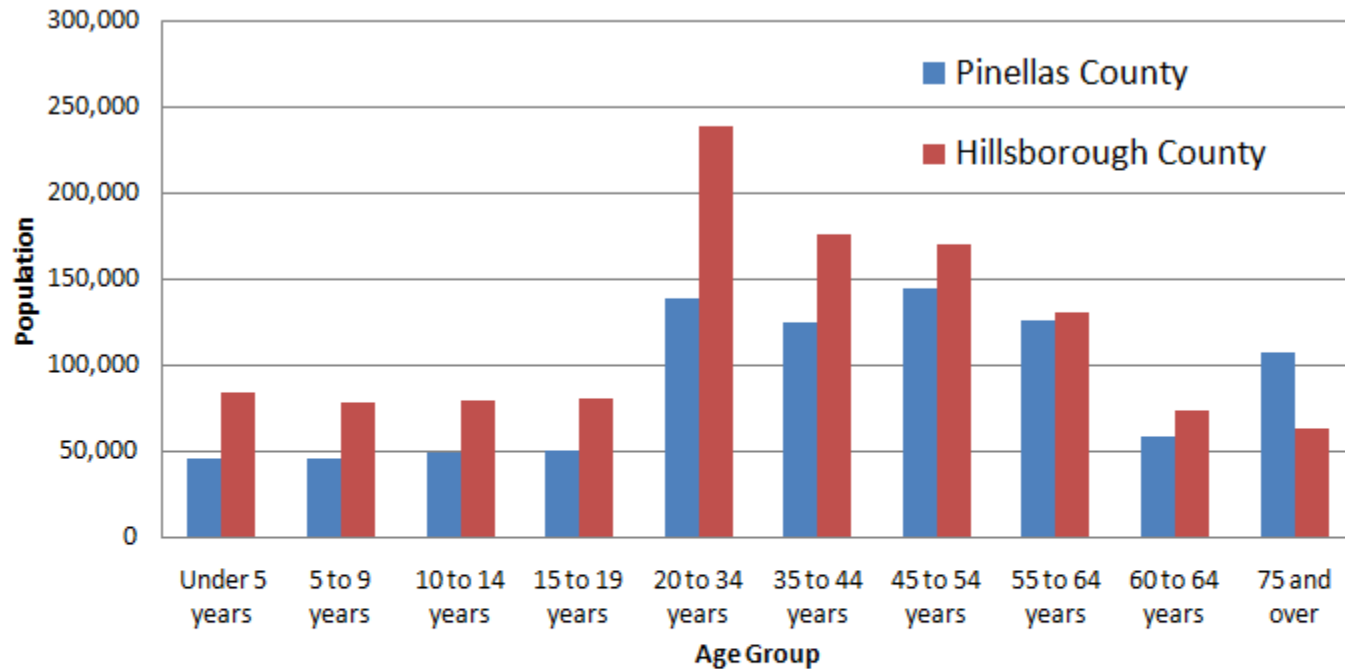
Centerline Miles

Roadway Functional Class	Hillsborough County	Pinellas County
Interstate	88.950	31.287
Turnpike & Freeways	42.312	6.331
Other Principal Arterials	253.208	134.578
Minor Arterials	275.547	265.178
Urban/Major Collector	467.739	303.976
Rural Minor Collector	22.050	-
Locals	4,070.864	2,890.031
Total	5,220.670	3,631.381

Population (2009) of the Study Site



Study Site Population by Age Group



Demographic Characteristics: July 2007	Pinellas County	Hillsborough County
Total population	917,437	1,174,727
Male	440,922	579,669
Female	476,515	595,058

Locations of Fatal Car Crashes (2007)

Fatal Crash (Fatalities)



aadt

AADT

0 - 15,000

15,001 - 30,000

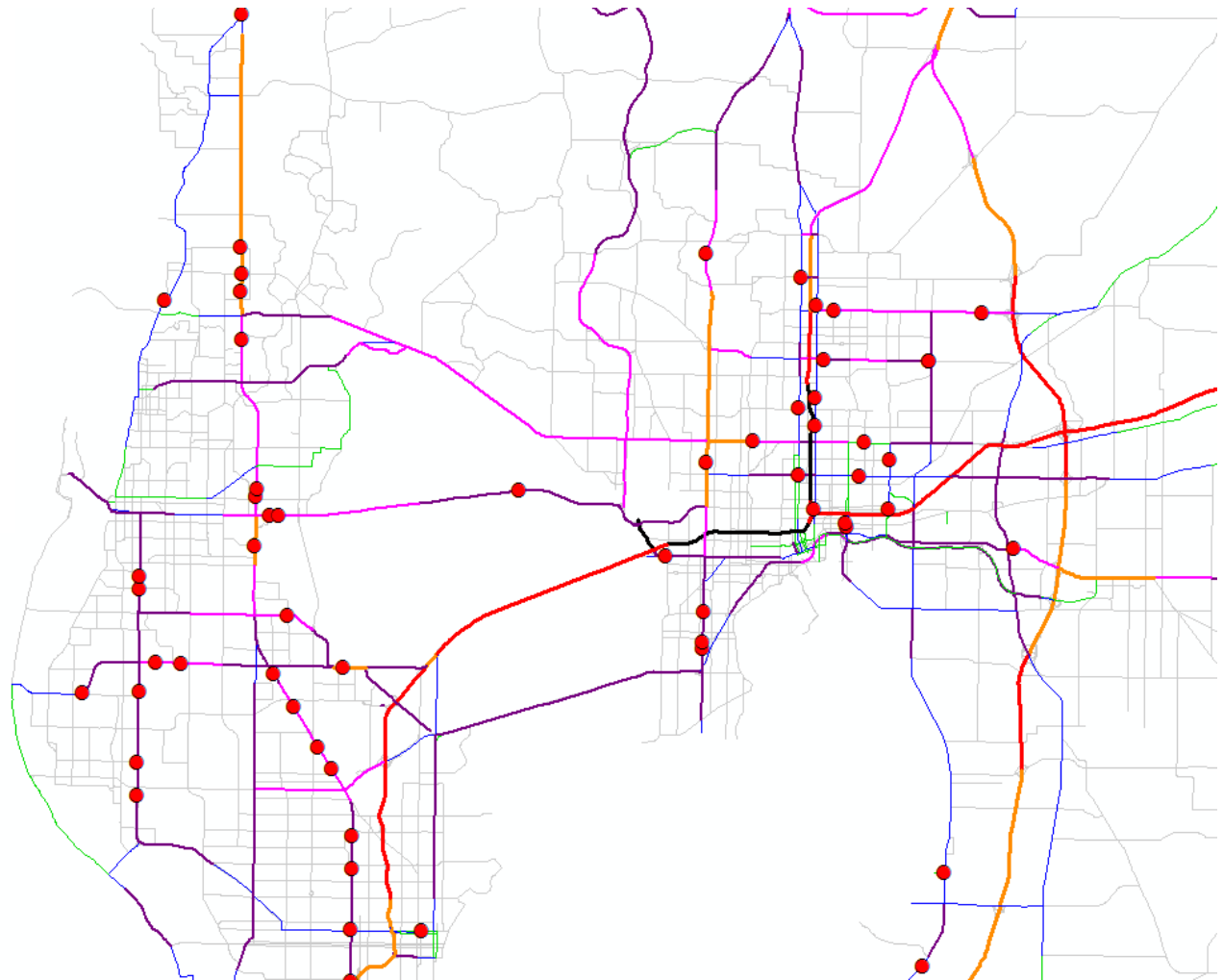
30,001 - 50,000

50,001 - 70,000

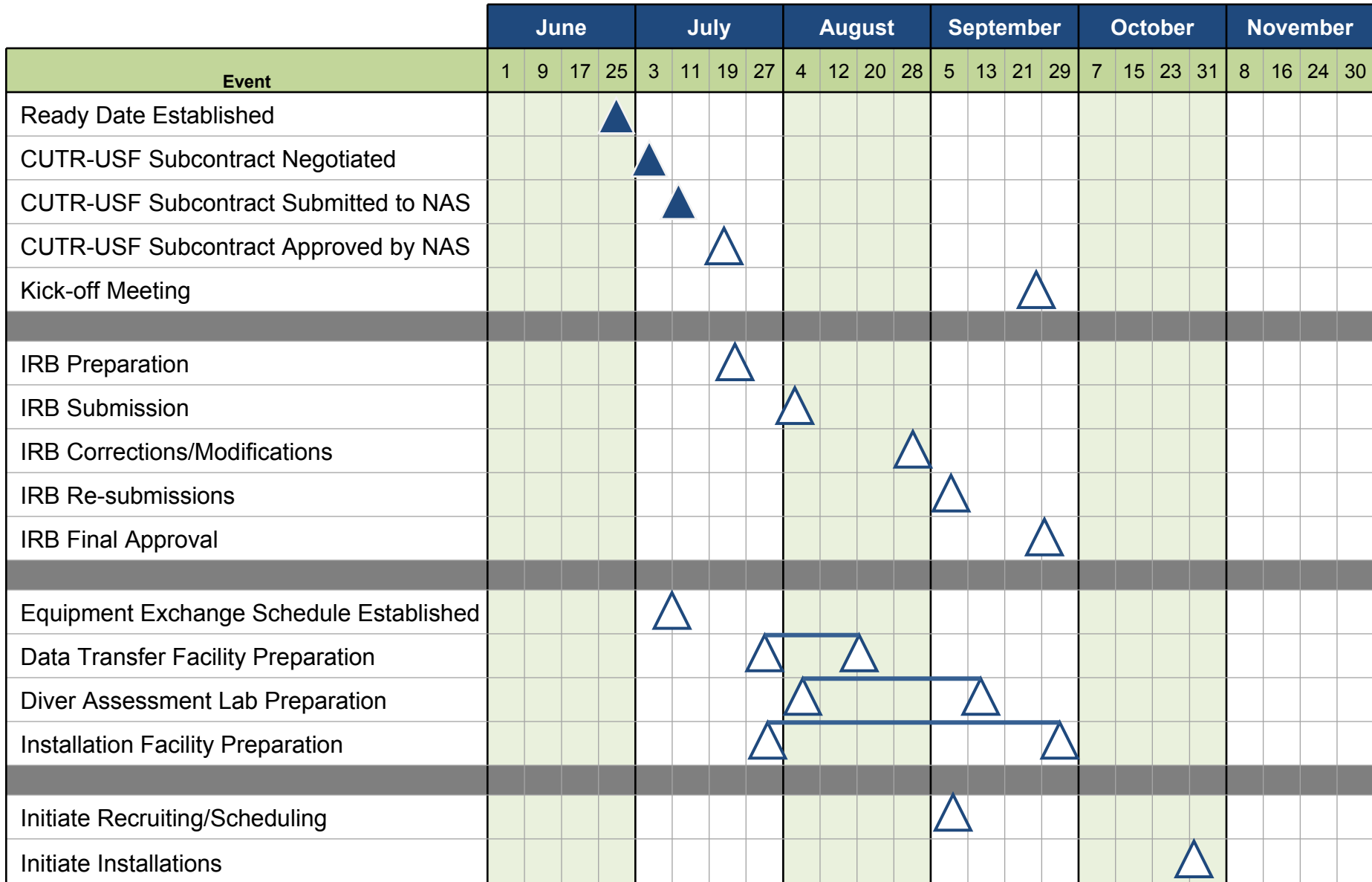
70,001 - 110,000

110,001 - 160,000

> 160,000



Current Status of Site Activity



Questions and Comments?



Ft. DeSoto Park

Courtesy of St. Petersburg/Clearwater Film Commission