

Overview of the CVISN Program:

Florida Virtual Weigh Station and JAXPORT

presented to

2008 Smart Roadside Workshop

presented by

Mike Akridge

Florida Dept of Transportation

April 29, 2008

Agenda

- **Virtual Weigh Station – Punta Gorda, Florida**
 - I-75 & US-41

- **ROCS (Remote Operated Compliance System) – Sneads, Florida**
 - I-10

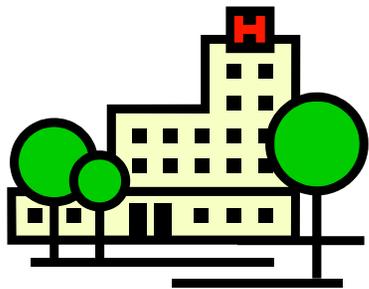
- **Jacksonville Port WIM – Jacksonville, Florida**
 - Blount Island, Jacksonville, Florida

Virtual Weigh Station

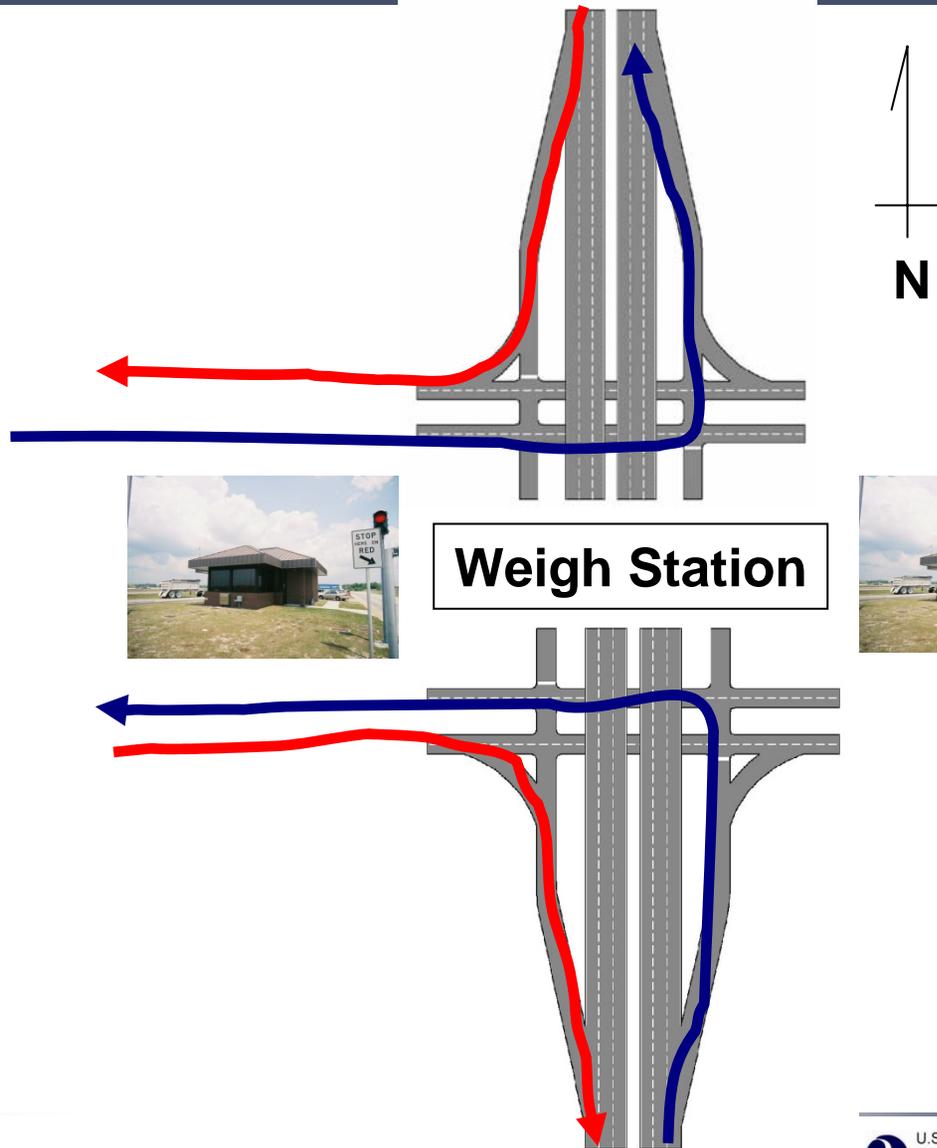
- **How can governments ensure the safe and secure movement of a growing commercial vehicle industry with limited resources considering the following.**
 - **Freight volume is expected to double by 2035**
 - **Truck vehicle miles traveled are forecasted to increase 60% by 2020**
 - **State infrastructure and resources to conduct enforcement/regulatory activities already are “overwhelmed” in many states**

- **How can the government improve the productivity and mobility of the commercial vehicle industry?**
 - **Support key economic sector**
 - **Improve customer service**

Punta Gorda Virtual Weigh Station

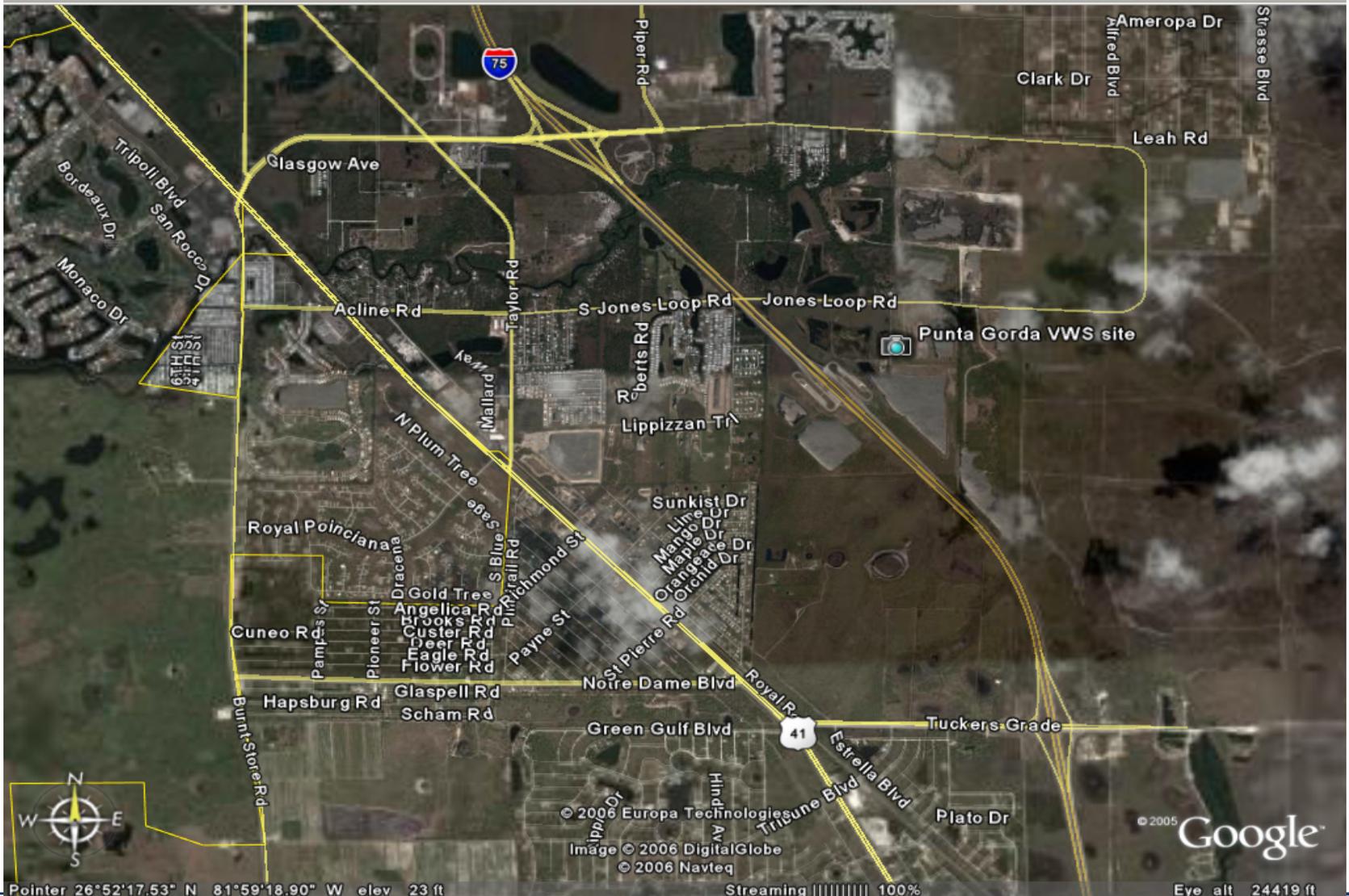


Punta Gorda,
Florida



Punta Gorda Virtual Weigh Station

File Edit View Add Tools Help



Punta Gorda Virtual Weigh Station



Punta Gorda Virtual Weigh Station



Sneads ROCS

Remote Operated Compliance System (ROCS) – Sneads, Florida



Sneads ROCS

■ WIM SITE



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Sneads ROCS

■ Equipment



Sneads ROCS

■ CVROCS Server

UCF ROCS Sever Version 1.18

File Servers Settings About

ID: 477
 Height: 153.5 in
 Length: 69.23 ft
 Speed: 62.1 mph

CAPTURE

FTP Connected 476 102 73 14:49:19 Generated = 504 Uploaded = 596

Sneads ROCS

ROCS Viewer

UCF ROCS View - Version: 2.17 © 2004

File Settings About

Flagler 16:44:33 Nov/12/2004



Thumbnail gallery:

- Thumbnail 1: Blue semi-truck
- Thumbnail 2: Road view
- Thumbnail 3: White semi-truck (highlighted)
- Thumbnail 4: RSK AND semi-truck
- Thumbnail 5: White van

Data

Station	flagr	ID	00607
Date	11/12/04	Time	16:44:26
Speed	62.1 mph	Height	153.5 in
Length	69.23 ft		

Image Control

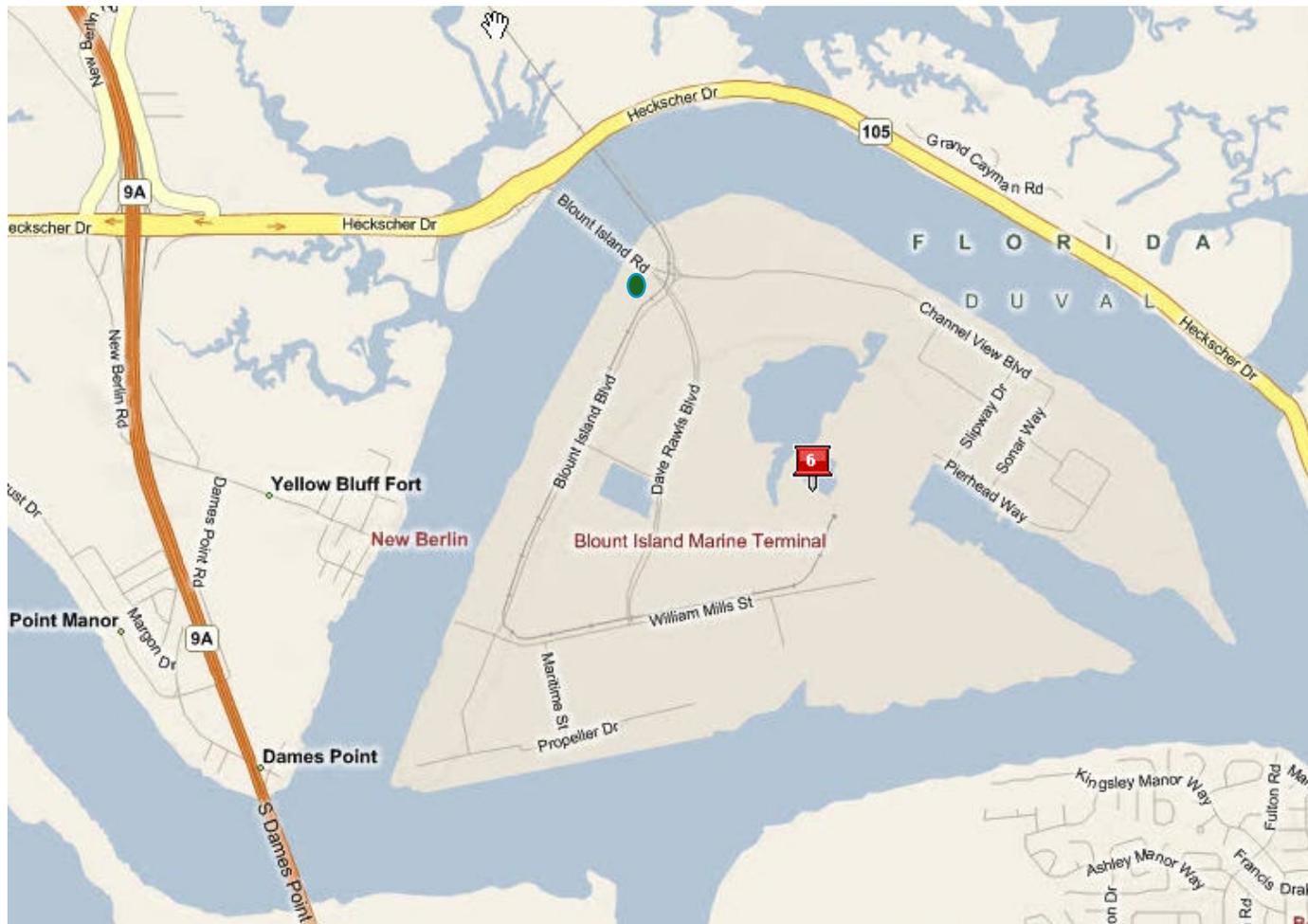
01 of 06

Print Play

Local Files Only | Files = 2582 | 367 of 369 | aflagr006070411121644260601.jpg

JaxPort Project

■ JaxPort Site



JaxPort Project

Compliance and Regulation

Data Acquisition:

- Gross Weight
- Axle Weight
- Vehicle Picture
- DOT #
- Dimensioning
- Container #

Station: jax1r

ID	Gross- Wt	Class	Speed	Length	Time
7984	4856	9	37.7	10/12/2007 12:01:51 PM	

Axle #	Weight - lbs	Speed - mph
1	7120	36.3
2	11750	42.2
3	11200	26.4
4	9000	6
5	10000	0

Station: jax1r

From: 10/12/2007 11:16 AM

To: 10/12/2007 12:16 PM

67



JaxPort Project

- **Weight Indicator via WIM**



JaxPort Project

■ Camera Capture



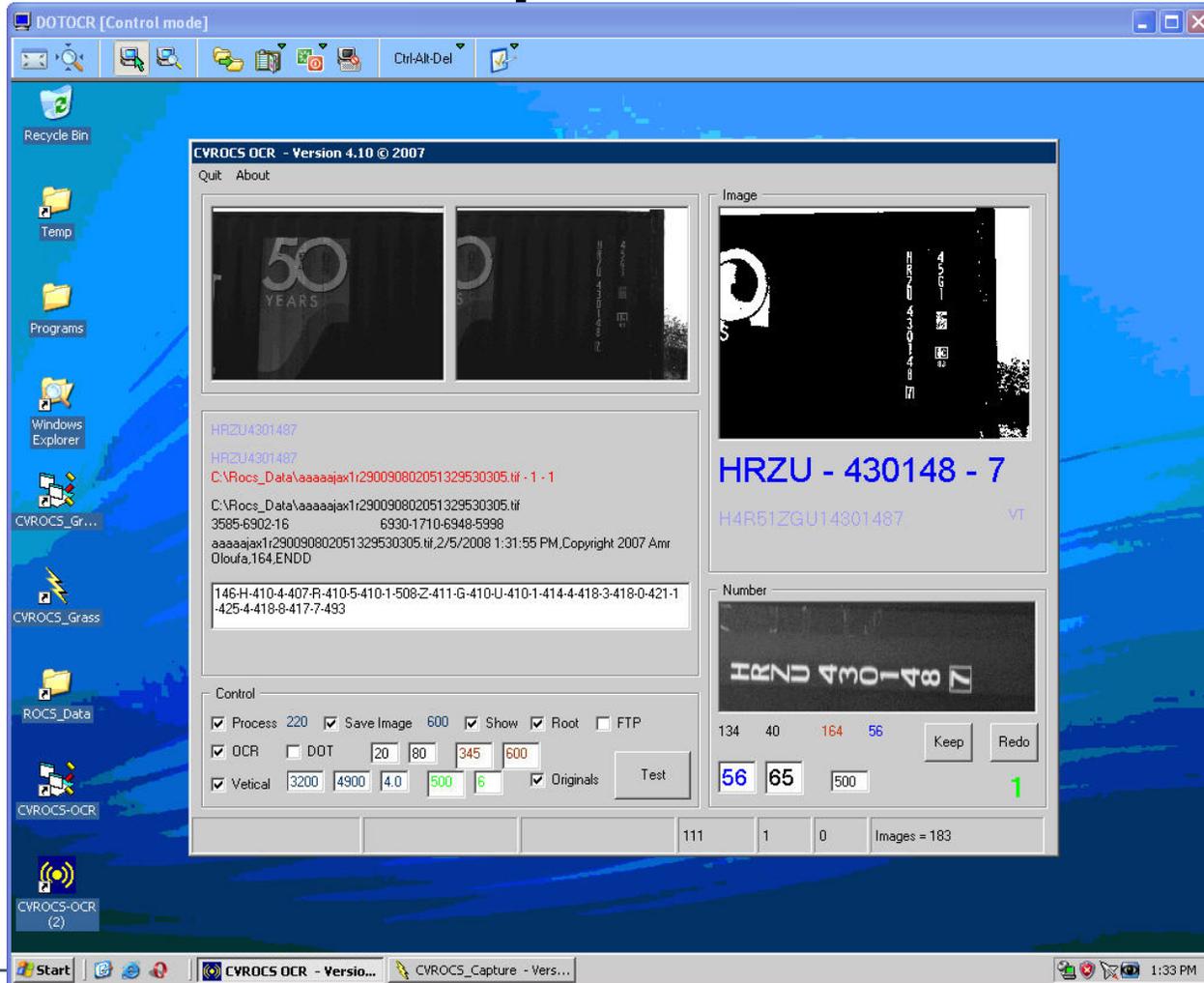
JaxPort Project

■ Container # Capture



JaxPort Project

■ Container # Capture



Questions

**MMike Akridge
DDeputy State Traffic Engineer,
IIncident Management & CVO
FFlorida Department of Transportation**

mmichael.akridge@dot.state.fl.us

((850) 410-5607