



PRO MOTION

MOVING FLORIDA FASTER

Goods Movement Advisory Group Meeting
February 1, 2017



Freight Planning Updates

- Comprehensive Freight Improvement Database
- District 7 Warehousing and Distribution Center Database
- Interstate Truck Parking Survey

Comprehensive Freight Improvement Database (CFID)

The screenshot displays the CFID web application interface. On the left, there is a sidebar with a 'County' filter set to Hillsborough, and sections for 'Implementation Ease (Estimated)', 'Issue Description', and 'Transport System'. Below these are 'Clear Filters', 'Show Table', and 'Help | Log in' links. At the bottom left, there is a 'Basemap' section with radio buttons for 'Streets', 'Satellite', and 'Gray'. The main area shows a map of Hillsborough County with several green circular markers representing freight issues. A pop-up window for 'Issue #: 1351' is open, displaying the following details:

| | |
|---|---|
| Issue #: | 1351 |
| District | 7 |
| County | Hillsborough |
| Site Location | SR 580/Hillsborough Ave at 22nd St |
| U.S. Road | |
| State Road | |
| Local Road | |
| Issue Location | NE corner ; SW corner ; EB approach ; WB approach |
| Issue Description | Turn Radii |
| Implementation Ease (Estimated) | Easy |
| Constraints (Estimated) | |
| Zoom to More Info | |

Web based tool managed by FDOT to collect issues on the freight network throughout District 7

Principal use is to assist FDOT with assessing freight needs on future projects

Comprehensive Freight Improvement Database (CFID)

● Structural updates to the database

- Remove recommendations - the primary purpose of this database is to identify hotspots and issues, not necessarily to presume solutions
- Remove all corridors and replace with point locations to make this an exclusively point oriented database

● Update and review of records in the database

- All existing records were reviewed and flagged to be removed, archived, or maintained
 - Removed – Record is not relevant to the intent of the database
 - Archived – Issue has been resolved through recent work by the Department
 - Maintained – Continuing issue that will be maintained in the database

Update and review of records in the database

Streamlined Database

- Streamlined Database from 312 records to 89 records

Records Removed

- Remove District 1 issues, forward them to District 1 freight coordinator
- Remove issues that fall on roads that are not truck routes
- Archived issues that have been solved by FDOT project

Records Split

- Point records were added along corridors at appropriate locations and the corridor itself is removed

Records Merged

- Combined individual records at a single location into one record to provide a more clear picture of the issues at the location

Records Changed

- Streamline Field Observations attribute to be more concise



District 7 Warehousing and Distribution Center Database

Purpose

- Create a parcel level database of warehousing and distribution space within District 7
 - Tampa Bay Regional Strategic Freight Plan provides a catalog of Freight Activity Centers, but not disaggregated to the parcel level
 - This database includes these freight producing sites that are not classified as freight activity centers

District 7 Warehousing and Distribution Center Database

- FDOT Central Office constructed a database of industrial sites with significant truck activity
 - >100,000 SF of building square footage
 - Part of the Florida Department of Revenue Industrial Use Classification
 - Not Public Storage or Retail
- This effort expands the database to be more inclusive within District 7's five county area
 - >20,000 SF of building square footage for warehouse and distribution centers
 - >50,000 SF of building square footage for all other industrial uses
 - Any Parcel >10 acres

District 7 Warehousing and Distribution Center Database

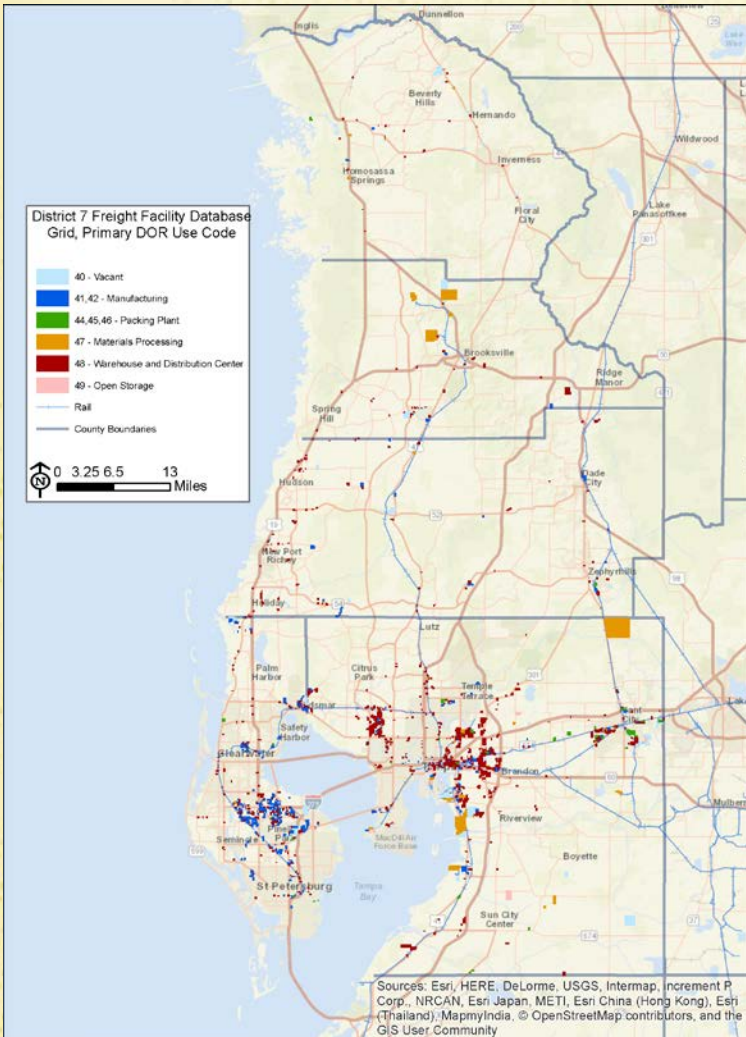
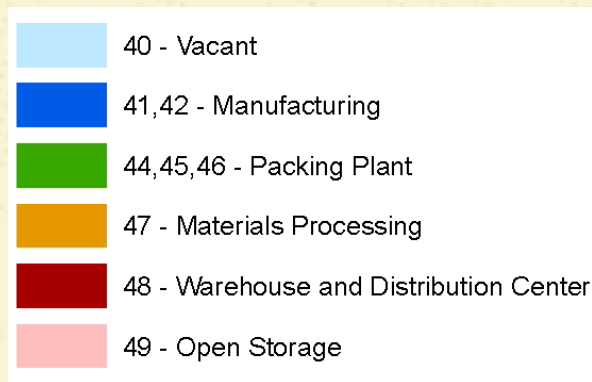
Methodology

- Additional data was collected for a sample of sites
 - 10% of sites within each 10,000 SF category up to 100,000 SF were sampled for this additional data collection
 - Additional data included # of truck bays, business contact information, industrial park names, and presence of nearby freight rail tracks
 - Additional data was collected through both field reviews and Google Earth
- Clustered sites, which did not meet the inclusion criteria, were included if the sites tend to function together
 - Legal description was used to group these sites and then reviewed in Google Earth

District 7 Warehousing and Distribution Center Database

Methodology

- To increase readability of the maps, included parcels were grouped into 10-acre squares on a grid
- This data is also available at the parcel level



District 7 Interstate Truck Parking Survey

Sites

- I-75 rest area in Pasco County (NB & SB)
- I-75 rest area in Hillsborough County – Sun City (NB & SB)

Methodology

- Pre-tube counts completed in truck rest areas
- Tubes laid at rest area entrances/exits
- 4 days of continuous counts for each site
- Counts collected for every minute across four day period
- Manual Overnight Counts Completed for one night at each rest area/direction every 30 minutes from 10:00PM to 6:00 AM to quality control tube counts

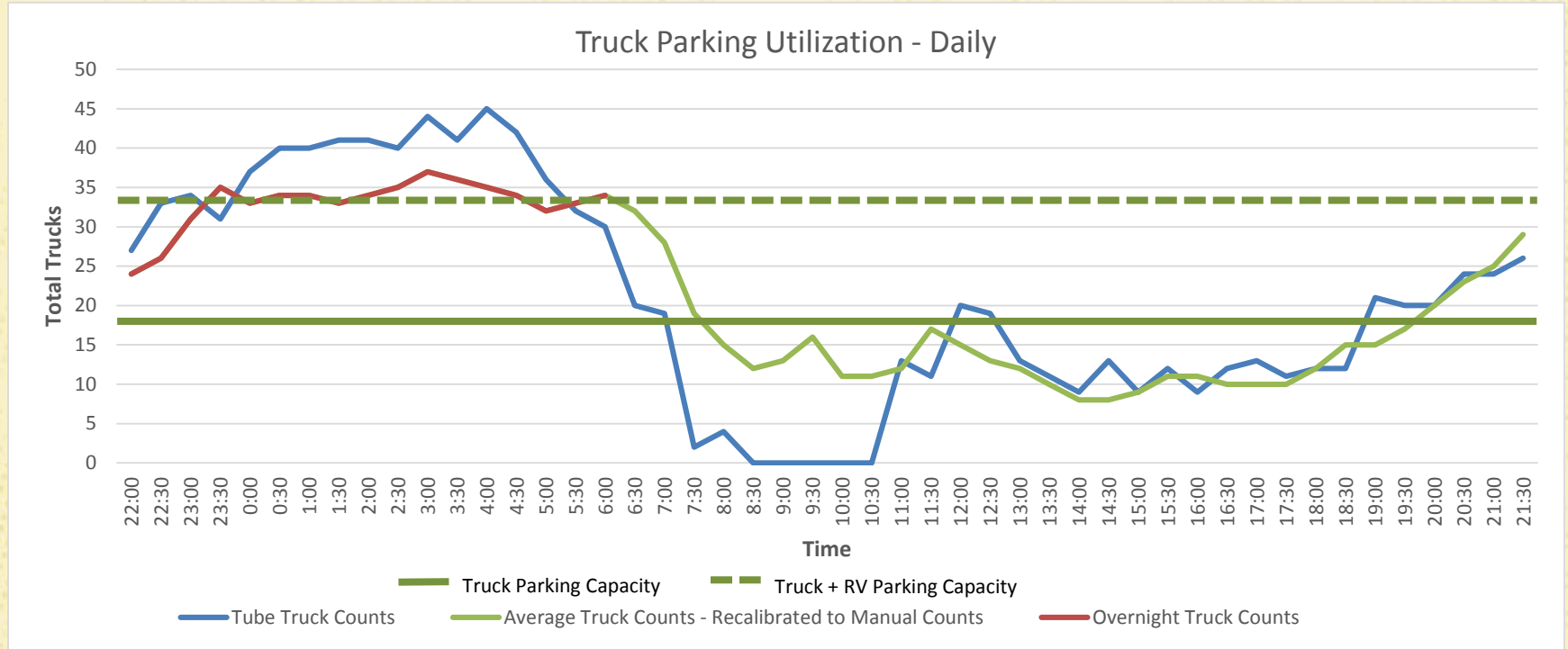
I-75 Hillsborough Sun City NB

Capacity:
19 +15*

*RV/Bus but
trucks park
here when lot
is full

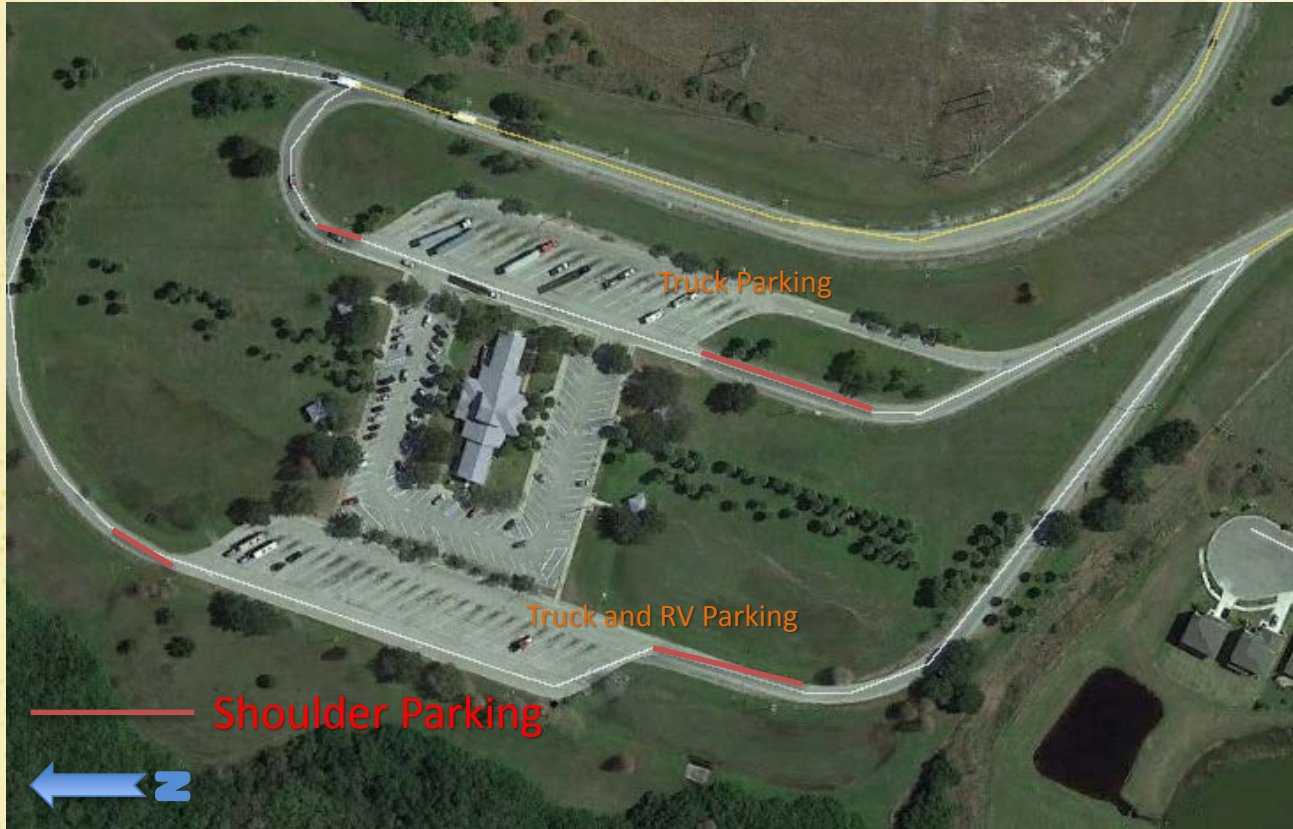


I-75 Hillsborough Northbound



- Truck parking is nearing capacity overnight in the truck lot with some trucks using the shoulders to avoid missing a parking space
- Some trucks are using the RV spaces

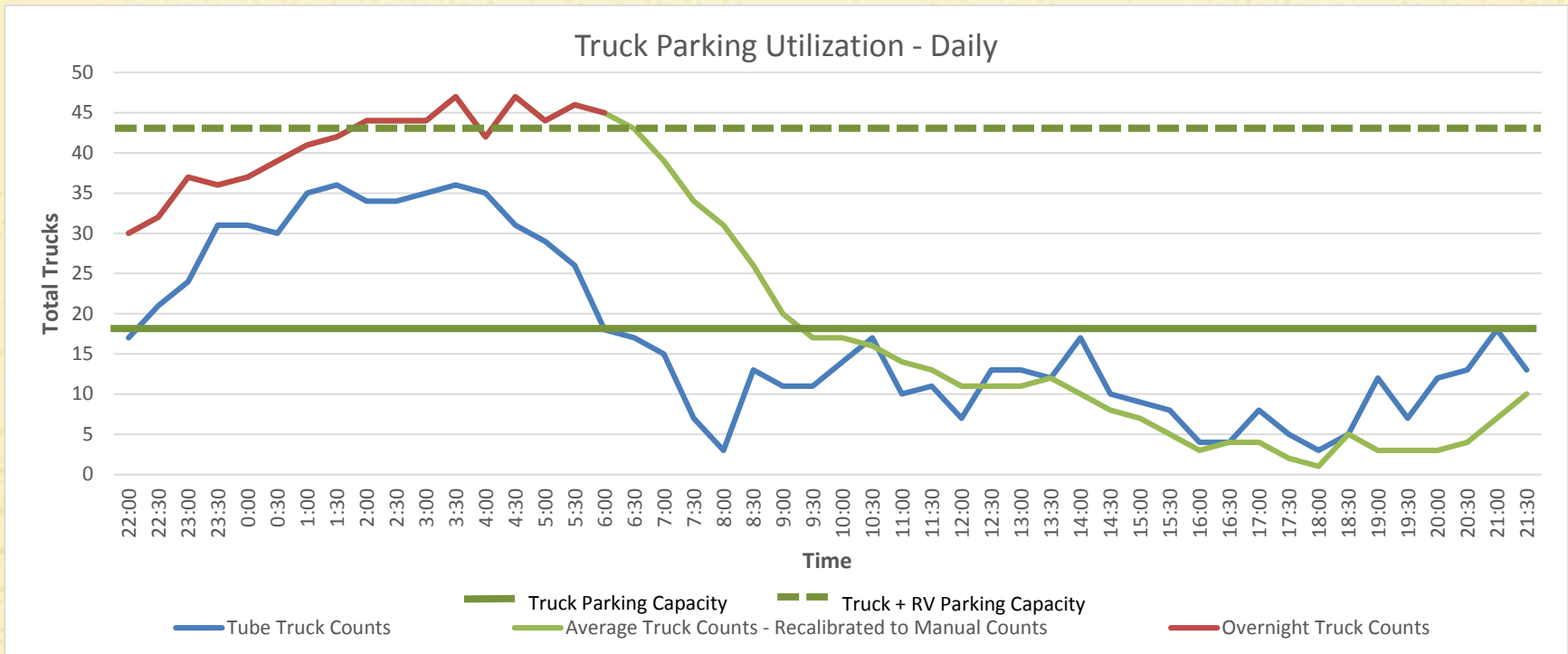
I-75 Hillsborough Sun City SB



Capacity:
20 +24*

*RV/Bus but
trucks park here
when lot is full

I-75 Hillsborough Southbound



- Truck parking is hovering near or at capacity overnight in the truck lot with some trucks using the shoulders to avoid missing a parking space
- Some trucks are using the RV spaces

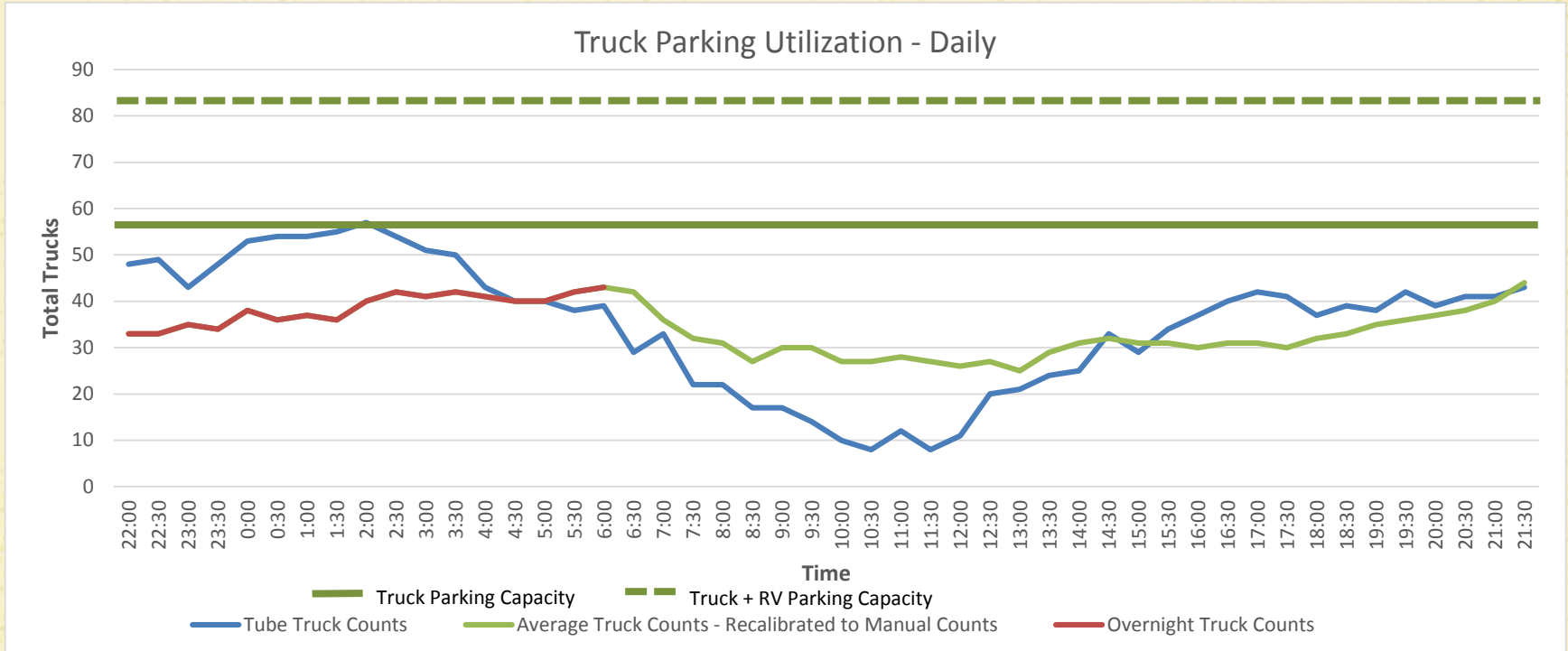
I-75 Pasco NB



Capacity:
57 +26*

*RV/Bus but
trucks park
here when lot
is full

I-75 Pasco Northbound



Truck parking is generally below capacity in the Northbound direction as trucks are just starting the trip out of Tampa.

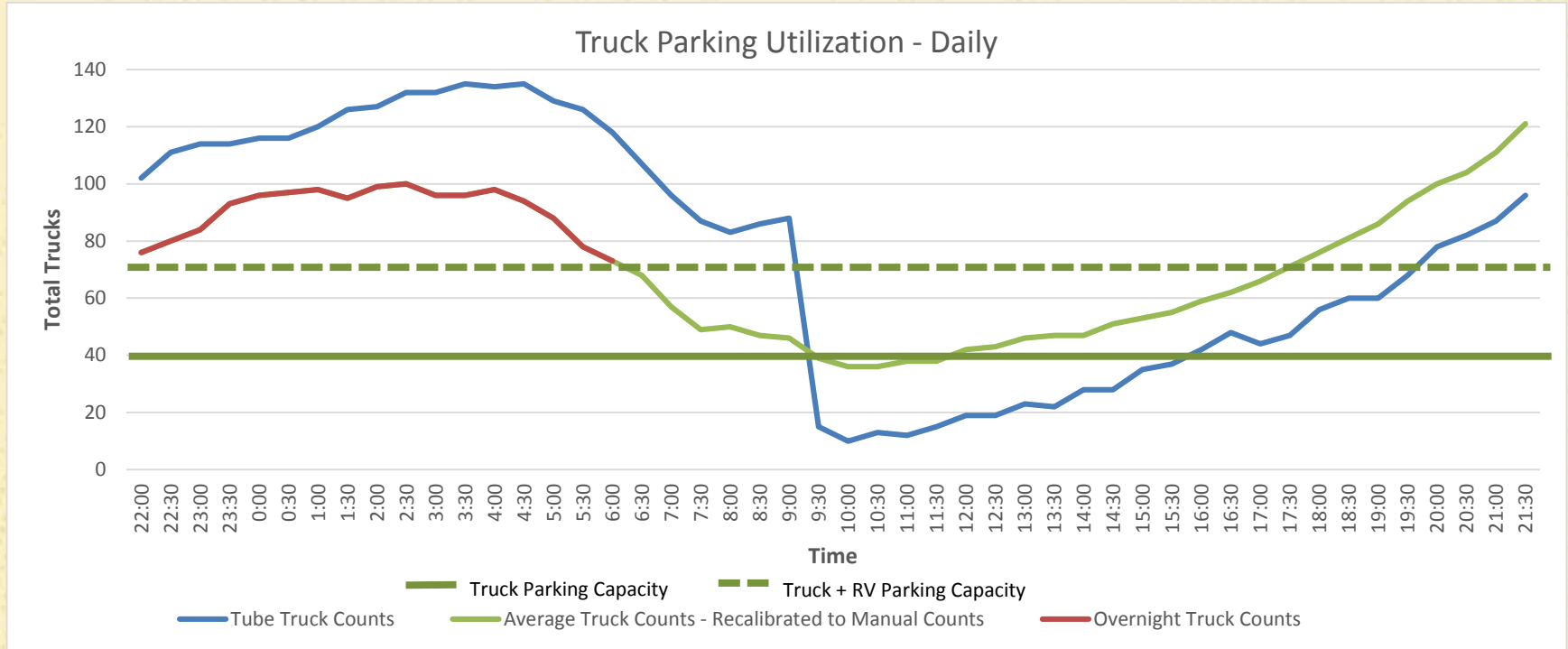
I-75 Pasco SB



Capacity:
52 +27*

*RV/Bus but
trucks park here
when lot is full

I-75 Pasco Southbound



- Truck parking is extremely limited overnight with all parking spaces full and overflowing to both shoulder and RV parking.
- This is the last rest area before reaching Tampa so it is a popular location for trucks making deliveries first thing in the morning.