Isle of Palms Managed Parking Program

Public Meeting

October 2, 2014

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No Parking Any Time

Agenda

1 **History of Parking Discussions**

2 **Traffic/Parking Data Collection & Study**

3 **Proposed On-Street Parking Permit Program**

4 **Public Comments**

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1 History of Parking Discussions

History of Parking Discussions

2008			2009			2010	
February	**April**	**September**	**May**	**September**	**December**	**July**	**October**
13th – Planning Commission discusses parking issues for the Front Beach area 26th – City Council approves Local Comprehensive Beach Management Plan for submission to SCDHEC OCRM	9th – Planning Commission discusses regulation of parking on state-owned roads	10th – Planning Commission adds parking issue and strategy to address it to the Transportation Element of the Comprehensive Plan	5th – Parking study of IOP Marina completed by Citadel engineering class	22nd – City Council holds public hearing for input to Amend Comprehensive Plan, which included transportation elements	9th – Planning Commission discusses parking issues with Police Chief	20th – Joint City Council/ Planning Commission meeting to discuss parking plan developed by the Planning Commission	19th – Joint City Council/ Planning Commission meeting to finish discussing the parking plan

2011						
February	**Spring**	**May**	**June**	**July**	**August**	**September**
13th – Planning Commission holds public forum regarding parking issues previously discussed	White chalk line four feet from edge of pavement along Palm Blvd. installed "No Parking Here To Corner" signs installed on Carolina Blvd. and parts of Palm Blvd.	11th – City Council/ Planning Commission hold 3rd joint meeting to discuss the parking plan	6th – Ways and Means Committee holds meeting to review FY 12 Operating and Capital Budgets. City staff tasked with budgeting implementation of potential parking solutions from May 11th meeting	26th – Public hearing to collect input on amending an ordinance related to parking at existing beach accesses	City Council directs staff to develop RFQ to seek consultant to make recommendations for beach parking	20th – Instead of RFQ, Ways and Means Committee asks Planning Commission to revisit issue of beach access parking

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History of Parking Discussions (cont.)

2012						2013	
January	February	March	April	June	August	June	September
11th – Planning Commission organizes list of potential parking solutions into long and short-term goals	20th – Joint City Council/ Planning Commission meeting to discuss parking management	More "No Parking Here To Corner" signs installed on Palm Blvd.	24th – Stantec awarded contract for consultation related to Front Beach wayfinding signs	27th – City receives $40k grant in Accomodation Tax funds, allowing City to increase seasonal "Beach Services Officer" staff	28th – Stantec awarded contract for Phase Two of wayfinding signs project and Managed Parking Program	Wayfinding signs installed throughout the island	24th – Stantec awarded contract for three tasks for the Managed Parking Program

2014				
January	February	May	August	October
13th – Stantec reported statuses to Public Safety Committee of Wayfinding Signs and Managed Parking Program	10th – Staff gives brief update of Stantec's work to Public Safety Committee	1st – Joint City Council/ Planning Commission meeting with Stantec to discuss plans for data collection and next steps for Managed Parking Program	21st – Joint City Council/ Planning Commission meeting where Stantec presented results of Summer 2014 data collection and potential strategies for the Managed Parking Program	2nd – Public hearing to collect public comment on the proposed Managed Parking Program

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Parking Concerns Discussed

- Public Safety
  - Emergency Vehicle Access
  - Pedestrian Safety
  - Intersection Sight Distance
  - Fire Hydrant Access
- Mitigate Traffic Congestion
- Trash and Debris from Beach Visitor Parking
- Unpermitted Uses of Public Right of Way (Landscaping, Berms, Fencing to Eliminate On-Street Parking)

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Parking Plan Requirements

- Comply with Beach Management Plan
- Balance the needs of Residents and Visitors

Parking Strategies Considered

- Shuttles/Trolleys
- Parking Garages
- Parking Nodes
- Parking Pass System
- Parking Meters
- Honor Boxes
- Electronic Signage off Island
- Acquire Additional Lots
- Incentives for High Occupancy Vehicles

- Make All Streets City Streets and Limit Parking
- Develop No Parking Districts
- Increase Parking Distances from Edge of Pavement
- Allow Parking on All Streets
- Parking Permit System

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2 **Traffic/Parking Data Collection & Analysis**

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Traffic/Parking Data Collection Sources

- IOP Permanent Count Stations
- SCDOT Permanent Count Station
- Stantec Traffic and Parking Counts

Stantec Traffic & Parking Data Collection Efforts

- Bi-Directional Traffic Counts at 7 Locations between May 23rd through May 29th

- Intersection Turning Counts – Saturday, May 24th (Memorial Day Weekend)

- Parking Accumulation Counts – Saturday, May 24th (Memorial Day Weekend)

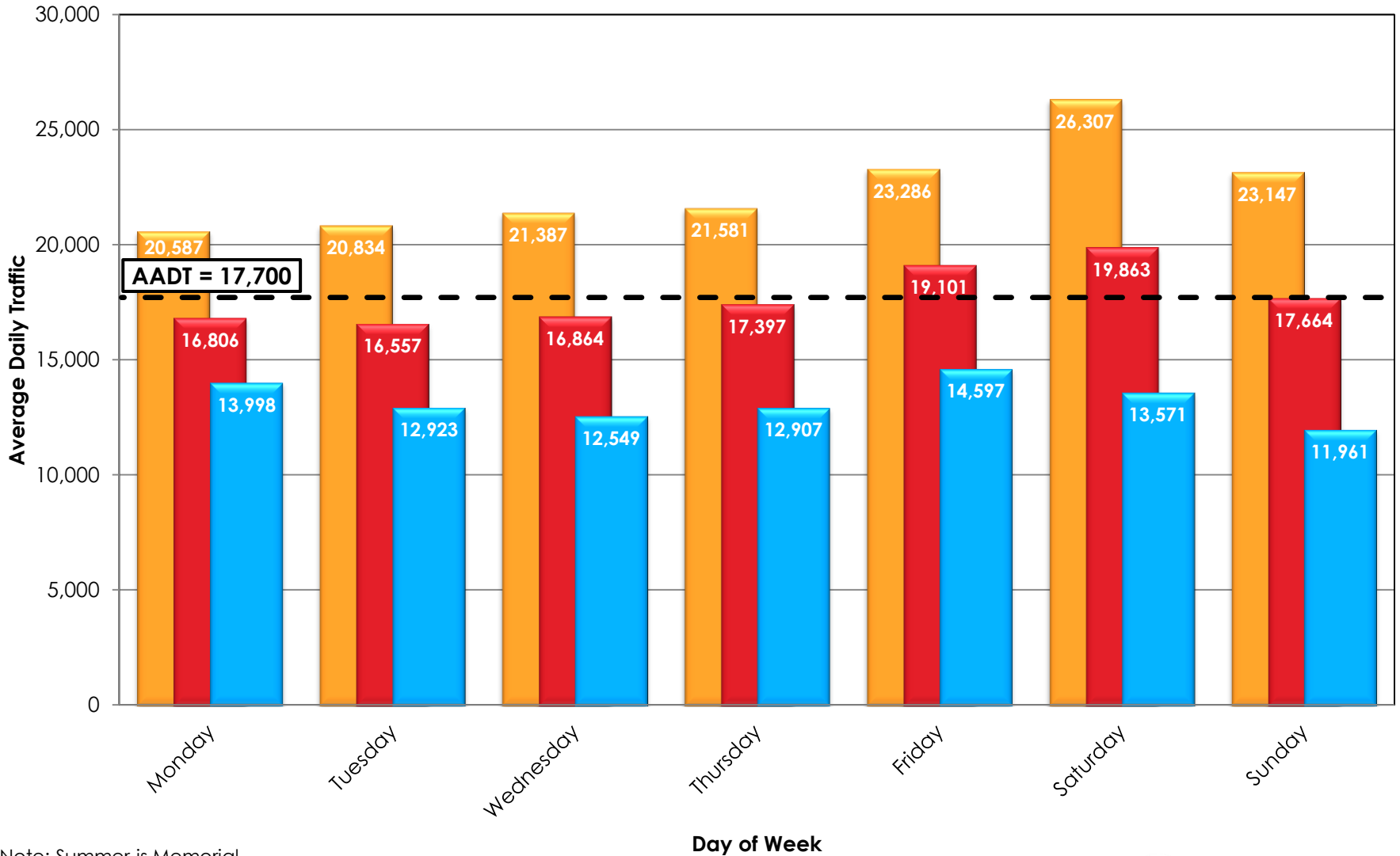Average Weekly Traffic (IOP Conn. & Palm Bl.)
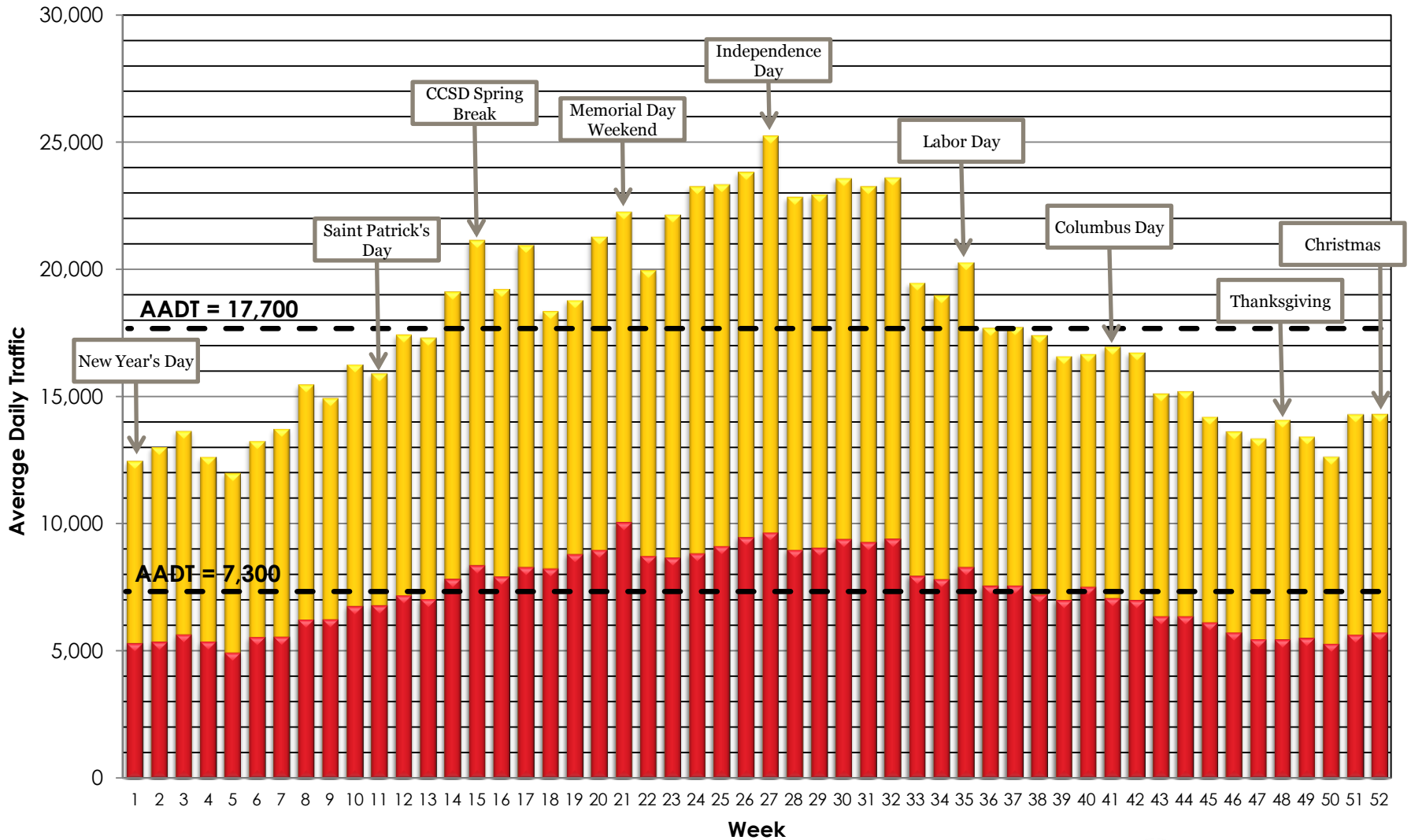
Source: Isle of Palms

Average Daily Traffic (IOP Connector)

Average Daily Traffic

Day	Summer* Average	Annual Average	Winter* Average
Monday	20,587	16,806	13,998
Tuesday	20,834	16,557	12,923
Wednesday	21,387	16,864	12,549
Thursday	21,581	17,397	12,907
Friday	23,286	19,101	14,597
Saturday	26,307	19,863	13,571
Sunday	23,147	17,664	11,961

AADT = 17,700

Day of Week

■ Summer* Average ■ Annual Average ■ Winter* Average

*Note: Summer is Memorial Day to Labor Day, Winter is December 1 to February 28. Source: Isle of Palms

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Average Hourly Traffic (IOP Connector)
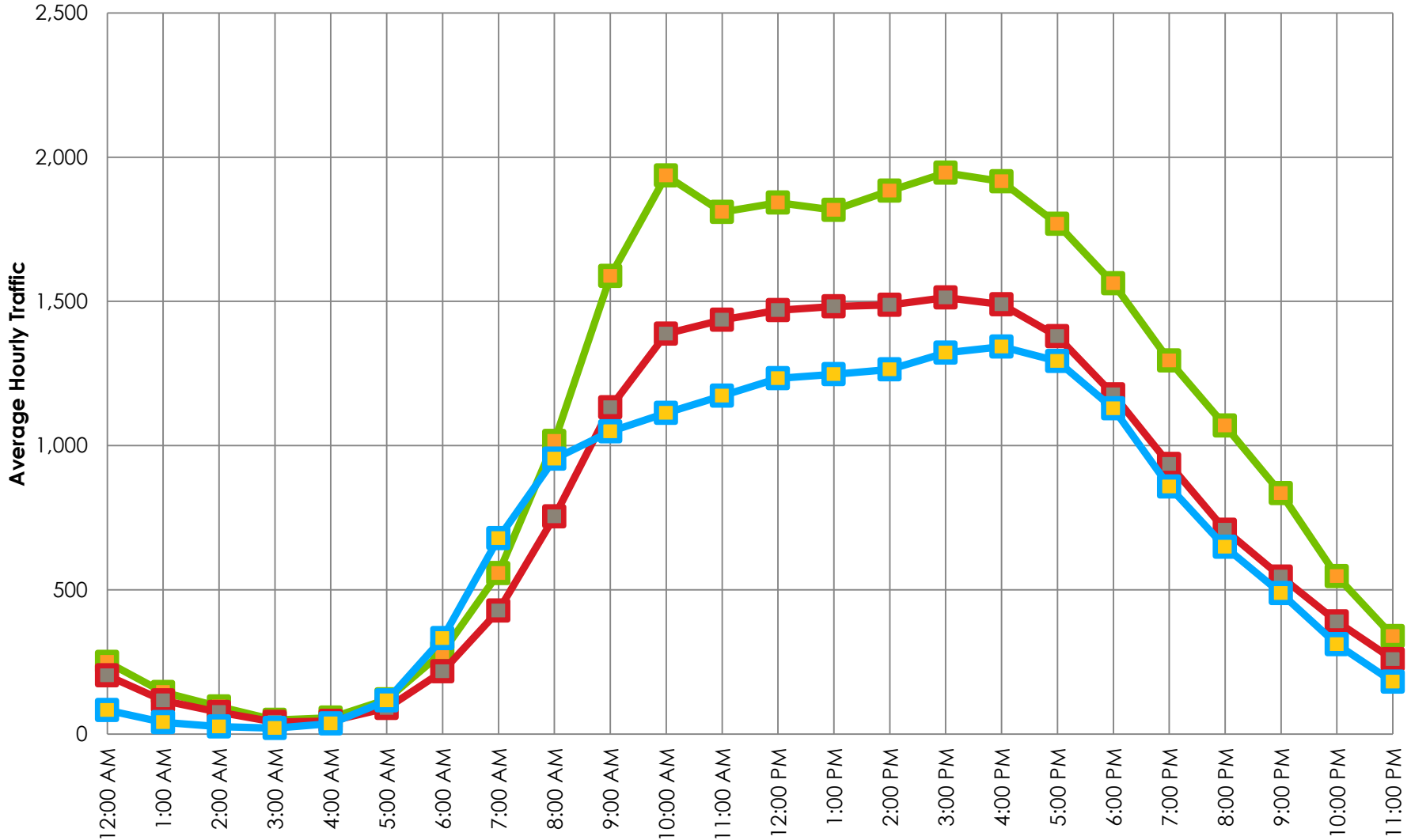
*Note: Memorial Day
to Labor Day
Source: Isle of Palms

Legend:
- Summer* Sat & Sun Hourly Average (green)
- Sat & Sun Hourly Average (red)
- Tue, Wed, & Thu Hourly Average (blue)

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Directional Hourly Traffic (IOP Connector) - Summer
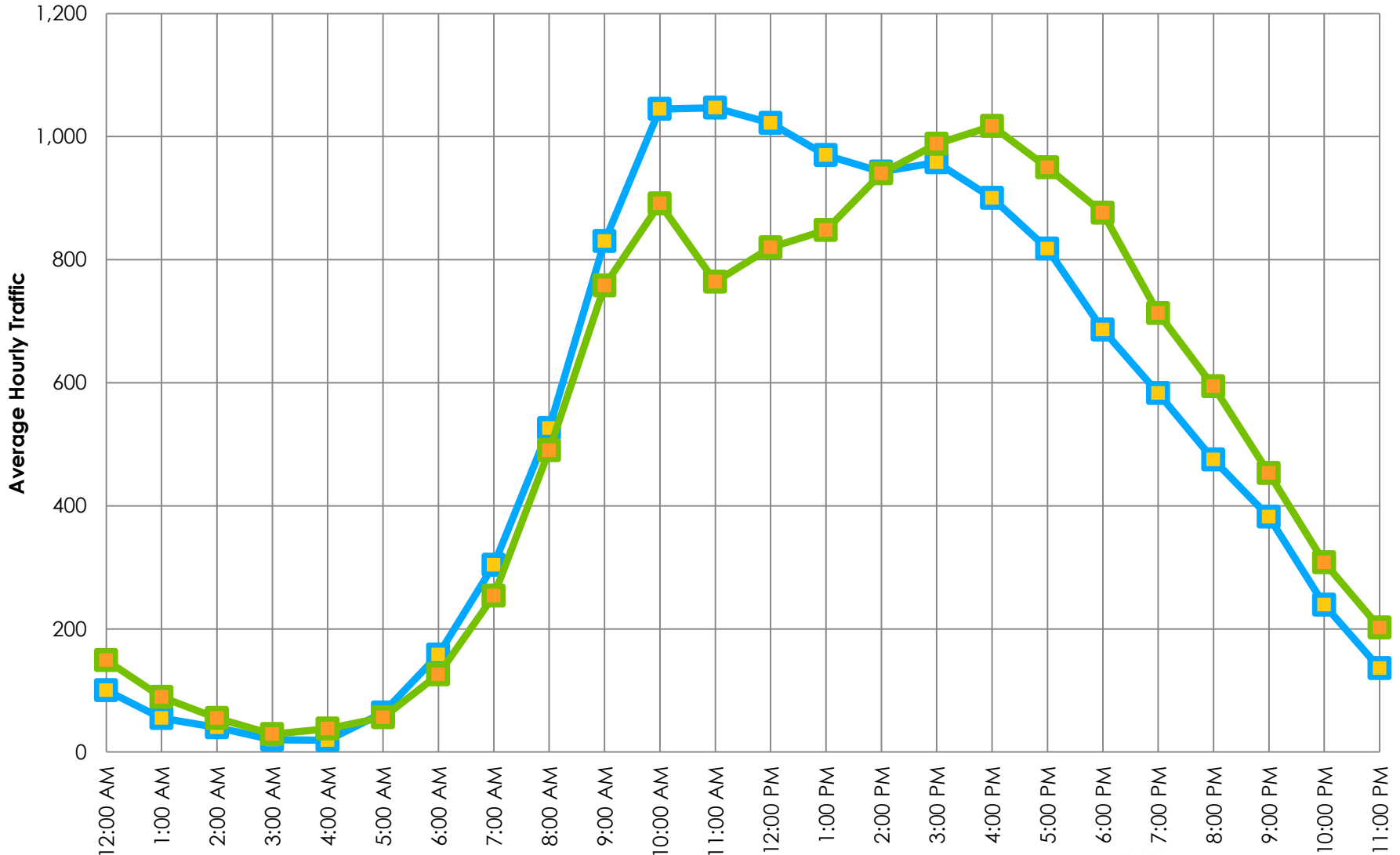
*Note: Memorial Day
to Labor Day
Source: Isle of Palms

Inbound vs. Outbound Cumulative Traffic – Saturday
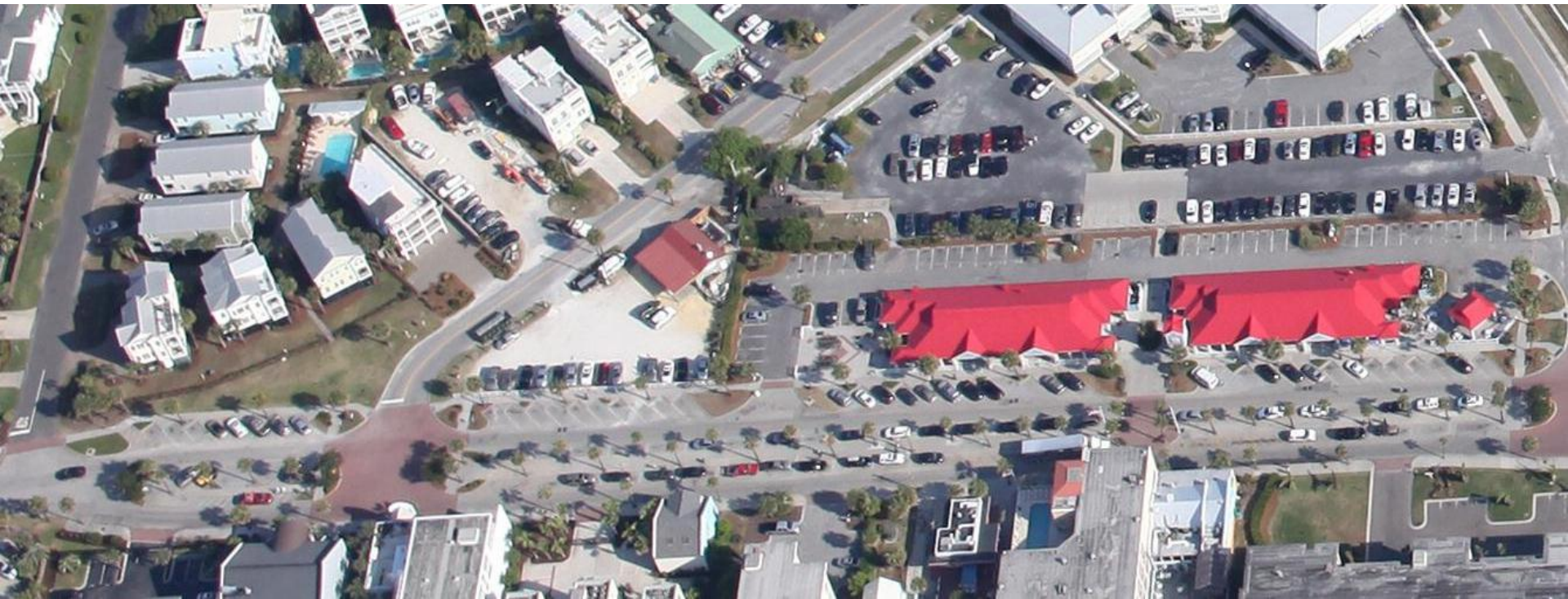

+8,566 net vehicles on the island

Vehicles (y-axis): -2,000 to 10,000

x-axis: 12:00 AM to 11:00 PM

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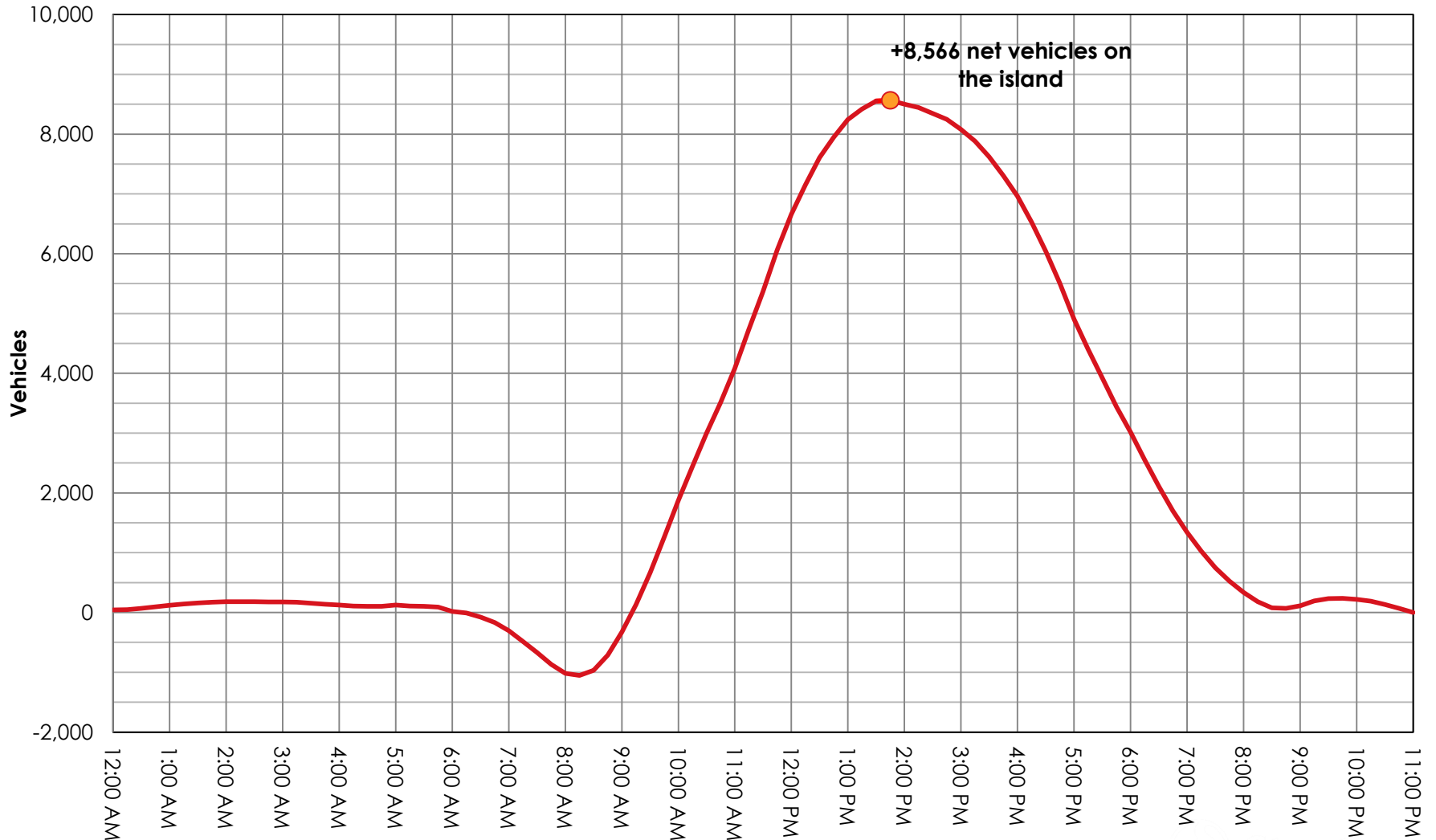
Parking Data Collection

- Aerial Photography from 9:00 AM to 6:00 PM (Every 30 minutes)Focused on Beach Parking
- On-street Parking Accumulation by Block
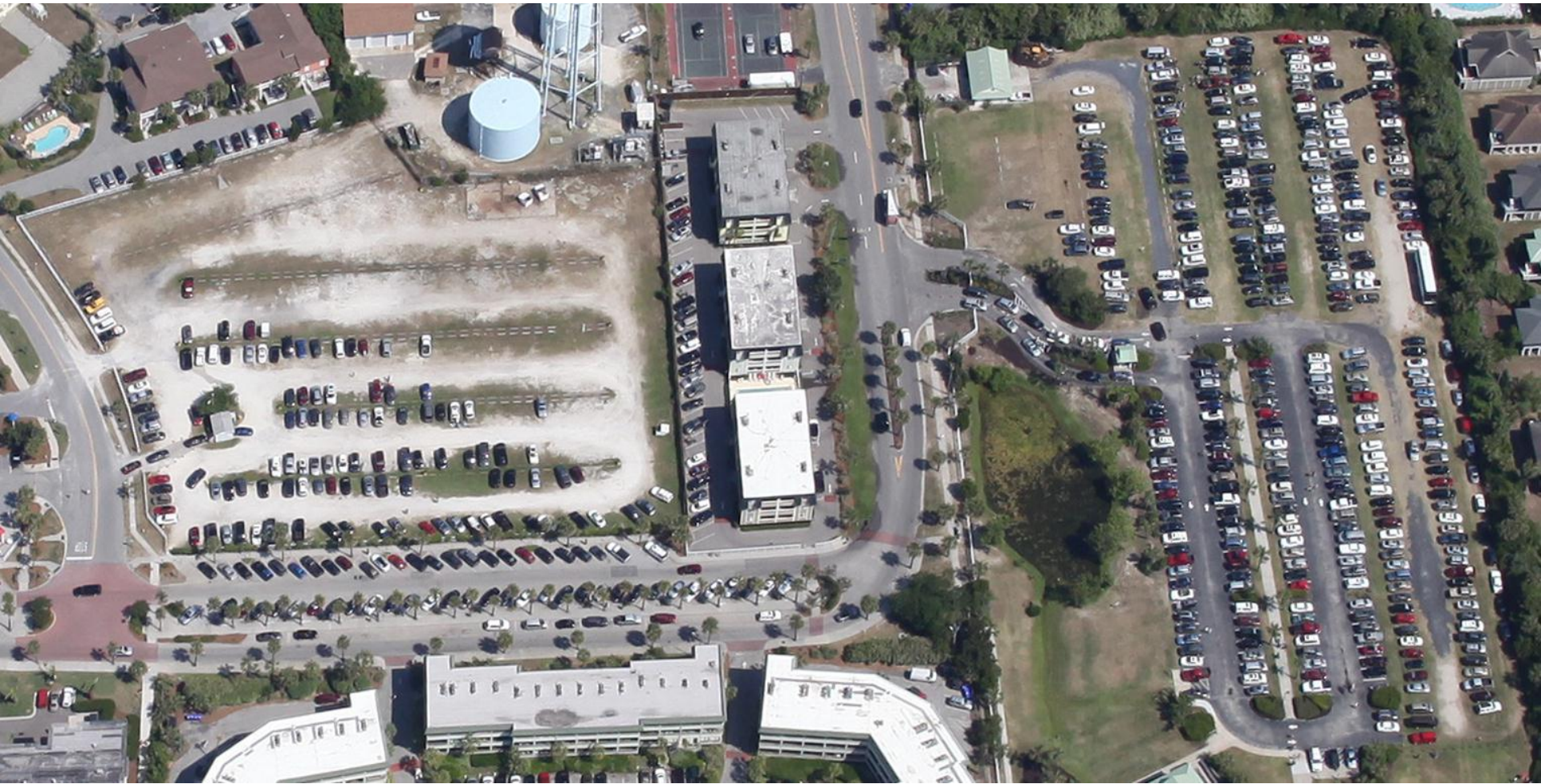- Lot Parking Accumulation: City, County, Private
- Saturday May 24, 2014

9:00 AM

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9:30 AM

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10:00 AM

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10:30 AM

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11:00 AM

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5:00 PM
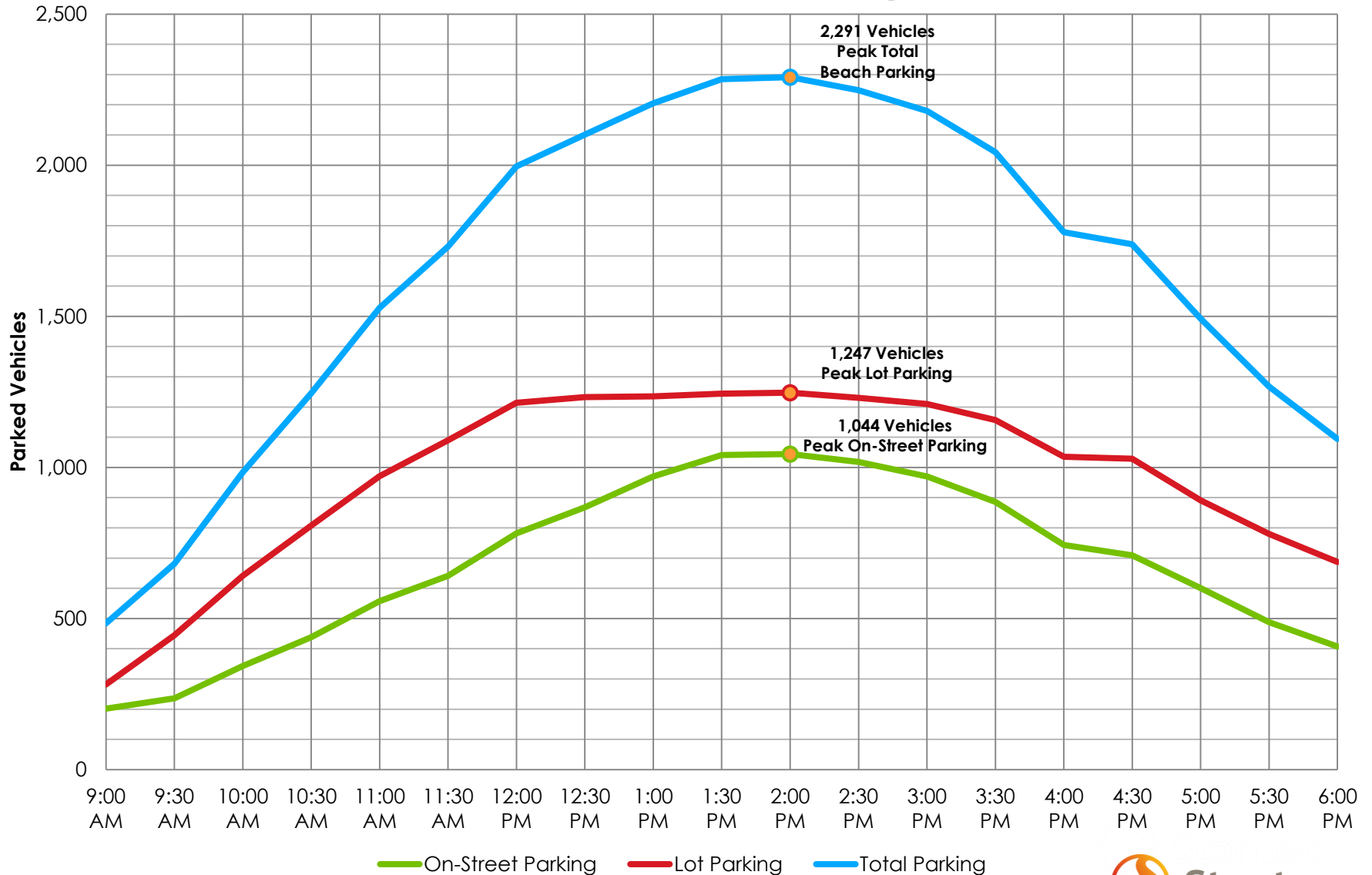
5:30 PM

6:00 PM

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3   Proposed On-Street Parking Permit Program

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On-Street Parking Permit Program Overview

TIMES & DATES CURRENTLY PROPOSED

- Only during Peak Beach Season
- Required from 9AM – 6PM
- Allow permit parking only where on-street parking is allowed today

On-Street Parking Permit Program Overview

- Program would not discriminate between resident or visitor parking on public right-of-way

- Program would not apply to vehicles parked on private property

- Program would not apply to parkers at Municipal Lot, County Lot, or Pay Stations on Ocean Blvd

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On-Street Parking Permit Program Attributes

- Able to manage number of on-street parkers
- Able to vary pricing by day of year
- Highly automated and easy to use
- Complies with Beach Management Plan

On-Street Parking Permit Program Operations

- Parking Permit Sales
  - On-line: Website and "App"
  - Public Safety Building during normal business hours
- Types of Permits
  - Annual
  - Weekly
  - Daily
- License plate is the parking credential
- Enforcement through matching license plates to permit holder database

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Next Steps

- Permit Program Costs & Pricing

- Number of Permits

- Proposed Implementation for 2015 Season

On-Street Parking Permit Program Conclusion

✓ Able to manage number of visitors to ensure a safer number during peak season

✓ Contributes to reducing traffic congestion

✓ Allows visitors to plan their trips and confirm parking is available

✓ Complies with Beach Management Plan

4 Public Comments