

PELICAN BAY SERVICES DIVISION
Municipal Services Taxing & Benefit Unit

NOTICE OF PUBLIC MEETING

TUESDAY, FEBRUARY 2, 2021

THE LANDSCAPE & SAFETY COMMITTEE OF THE PELICAN BAY SERVICES DIVISION WILL MEET AT 1:00 PM ON TUESDAY, FEBRUARY 2 AT THE COMMUNITY CENTER AT PELICAN BAY, 8960 HAMMOCK OAK DRIVE, NAPLES, FL 34108.

AGENDA

1. Call to Order - Pledge of Allegiance
2. Roll Call
3. Agenda Approval
4. Approval of 09/02/20 Meeting Minutes
5. Audience Comments
6. Sidewalk Project Updates & Timetable (Staff & Jim Carr)
 - a. Phase I
 - b. Phase II
 - c. Seagate Dr. & Vanderbilt Beach Rd. Maintenance & Replacement Responsibilities
 - d. Financing Explanation and Update
7. Traffic Study Results and Discussion (Darren Duprey)
8. Speeding on Pelican Bay Roads – Discussion & Mitigation Strategies (Cpl. McGilvrey)
9. LPR Discussion and Recommendation to the Full PBSB Board (Chad Coleman)
10. Oakmont Lake (4-1) Restoration Issues
 - a. Landscaping Restoration Discussion
 - b. Oakmont Lake Sidewalk Liability Issues and Replacement Issues
11. Chairman Comments
12. Committee Member Comments
13. Old Business
14. Adjournment

ANY PERSON WISHING TO SPEAK ON AN AGENDA ITEM WILL RECEIVE UP TO THREE (3) MINUTES PER ITEM TO ADDRESS THE BOARD. THE BOARD WILL SOLICIT PUBLIC COMMENTS ON SUBJECTS NOT ON THIS AGENDA AND ANY PERSON WISHING TO SPEAK WILL RECEIVE UP TO THREE (3) MINUTES. THE BOARD ENCOURAGES YOU TO SUBMIT YOUR COMMENTS IN WRITING IN ADVANCE OF THE MEETING. ANY PERSON WHO DECIDES TO APPEAL A DECISION OF THIS BOARD WILL NEED A RECORD OF THE PROCEEDING PERTAINING THERETO, AND THEREFORE MAY NEED TO ENSURE THAT A VERBATIM RECORD IS MADE, WHICH INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED. IF YOU ARE A PERSON WITH A DISABILITY WHO NEEDS AN ACCOMMODATION IN ORDER TO PARTICIPATE IN THIS MEETING YOU ARE ENTITLED TO THE PROVISION OF CERTAIN ASSISTANCE. PLEASE CONTACT THE PELICAN BAY SERVICES DIVISION AT (239) 597-1749.

**PELICAN BAY SERVICES DIVISION
LANDSCAPE & SAFETY COMMITTEE MEETING
SEPTEMBER 2, 2020**

The Landscape & Safety Committee of the Pelican Bay Services Division met on Wednesday, September 2 at 1:00 p.m. at the Board of County Commissioners Chambers, third floor, Collier County Government Center, 3299 Tamiami Trail East, Naples, Florida 34112. The following members attended.

Landscape & Safety Committee

Joe Chicurel, Chairman

Nick Fabregas

Michael Fogg (*ex-officio*)

Pete Griffith

Rick Swider

Michael Weir

Pelican Bay Services Division Staff

Neil Dorrill, Administrator

Chad Coleman, Operations Manager

Darren Duprey, Associate Project Manager

Karin Herrmann, Operations Analyst

Lisa Jacob, Project Manager

Alex Mumm, Senior Field Supervisor (*absent*)

Barbara Shea, Administrative Assistant

Also Present

Jim Carr, Agnoli, Barber & Brundage

Denise McLaughlin, PBSB Board

Susan O'Brien, PBSB Board (*by telephone*)

Trent Waterhouse, Pelican Bay Foundation

APPROVED AGENDA (AS PRESENTED)

1. Call to Order - Pledge of Allegiance
2. Roll Call
3. Agenda Approval
4. Approval of 1/16/20 Meeting Minutes
5. Audience Comments
6. Sidewalk Project
 - a. Timeline and Cost Update for Phase I and Phase II
 - b. Arborist Update
 - c. Answers & Discussion to Specific Items and Concerns
7. 2020 Landscape Projects
8. Line of Sight Issues
9. Crosswalks
 - a. Gulf Park & Green Tree Intersection Signage
 - b. San Marino Request for Flashing Lights
 - c. Pelican Bay Blvd. & Hammock Oak 4-Way Conversion
10. Street Signs
 - a. New Poles & Sleeves
 - b. Conflicts
11. Committee Member Comments
12. Old Business (not covered in today's Agenda)

Pelican Bay Services Division Landscape & Safety Committee Meeting
September 2, 2020

- 13. New Business (not covered in today's Agenda)
- 14. Adjournment

ROLL CALL

All members were present and a quorum was established

AGENDA APPROVAL

Mr. Griffith motioned, Mr. Swider seconded to approve the agenda as presented. The motion carried unanimously.

APPROVAL OF 1/16/20 MEETING MINUTES

Mr. Swider motioned, Mr. Griffith seconded to approve the 1/16/20 meeting minutes as presented. The motion carried unanimously.

AUDIENCE COMMENTS

Ms. McLaughlin encouraged board members and residents to review the materials on the Army Corps of Engineers Coastal Storm Management Risk Study. She noted that there are three or four elements currently being proposed to handle storm surge now, including increasing beach widths to 150 feet north and south of Pelican Bay. She commented that we need to ask/address the impact of their actions on PB's beaches (Area 2). Mr. Fogg commented that our consultant, Dr. Dabees, is preparing a brief summary on this issue, which may be included on the 09/10/2020 PBSB Board agenda. He noted that the Pelican Bay Foundation has also hired Dr. Dabees as their consultant on this issue.

GENERAL COMMENTS BY THE CHAIRMAN

Dr Chicurel welcomed Darren Duprey as our newly hired Assistant Project Manager. He also thanked staff for their hard work over the last eight months, since the last time the Landscape & Safety Committee convened.

SIDEWALK PROJECT

TIMELINE AND COST UPDATE FOR PHASE I AND II

Dr. Chicurel commented that estimated timelines for Phase I and Phase II (provided by Agnoli, Barber & Brundage) of the sidewalk project were included in the agenda packet. He also commented on the updated ABB cost estimates for Phase I and II; Phase I is estimated at \$627,166 and the entire project is estimated at \$5,514,092, which includes a 20% contingency.

Our ABB consultant, Mr. Jim Carr, gave a brief overview of the plans for Phase I, which included information such as an overall map, a list of trees to be removed, and grade elevation. The plan includes "low-profile" curbs. He noted that sidewalks will not traverse private driveways, and that ADA mats are not required where sidewalks intersect driveways. Mr. Fabregas expressed concerns on residents walking on private driveways (where the sidewalks stop) with varying elevations and surface conditions. Dr. Chicurel suggested that staff review the condition of private driveways abutting our new sidewalks in Phase I.

Dr. Chicurel commented that our sidewalk project excludes Seagate Dr. and Vanderbilt Beach Rd. (Pelican Bay southern and northern borders). Dr. Chicurel noted that Seagate sidewalks are in relatively good shape and Vanderbilt Beach Rd. sidewalks will be looked at in the future.

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Mr. Trent Waterhouse commented that the PBF and the County are currently in the process of re-designing the PB County Park (on Vanderbilt Beach Rd.).

Mr. Carr commented that he expects Phase I to be bid out in Nov. 2020, followed by Phase II in the first quarter of 2021. Dr. Chicurel commented that he hopes Phase I construction can begin in April 2021. Board members had discussion on whether construction could continue through season and possible traffic control issues. Mr. Waterhouse expressed safety concerns over PB Blvd. sidewalk construction during season, reducing lanes from four to two, and sidewalk construction equipment/materials competing for space with car carriers.

ARBORIST UPDATE

Ms. Jacob reported on a preliminary consultation with Mr. Ian Orlikoff, arborist with Signature Tree, who provided a sample tree evaluation. A field visit will be scheduled with Mr. Orlikoff, Dr. Chicurel, and staff to complete a more thorough evaluation of existing trees which may be affected by Phase I of our sidewalk project. Dr. Chicurel emphasized that every effort will be made to preserve our tree canopy.

ANSWERS & DISCUSSION TO SPECIFIC ITEMS AND CONCERNS

Dr. Chicurel emphasized the importance of communication with residents on our sidewalk project, utilizing all communication tools available. Mr. Fogg suggested that we go ahead and post the Phase 1 plans on the PBF website.

Dr. Chicurel provided photos of plant/vegetation conflicts with our existing sidewalk. He emphasized that it is very critical that restoration work (sod replacement, irrigation head replacement, etc.) is included in the contract. Mr. Dorrill commented that potential problems to be encountered in the project will be discussed and worked out at the pre-bid conference.

Mr. Griffith commented that over the recent five months, fifty percent of Green Tree Drive has been blocked by construction vehicles. These vehicles will be competing with our construction vehicles and equipment during the project.

Ms. McLaughlin commented that she has received inquiries from residents and the PBPOA on how this project will be financed. Mr. Fogg responded that he intends to schedule a Budget Committee meeting in October to discuss the financing of this project. He noted that funds must be available by the second quarter of 2021 in order to begin Phase II.

Mr. Swider suggested that we clarify our position on Vanderbilt Beach Rd. sidewalk replacement and obtain an estimate on the cost to replace this sidewalk.

2020 LANDSCAPE PROJECTS

Mr. Coleman commented that tree trimming on Pelican Bay Blvd. has been completed, and that staff is currently working with Dr. Chicurel on flower selection for the Fall. Mr. Coleman noted that he plans to work on a long-term large tree replacement plan. Mr. Griffith suggested that we work on replacement of trees lost over the last 15 years in our cul-de-sacs. Dr. Chicurel suggested that Mr. Griffith work with Mr. Coleman and Mr. Mumm to develop a tree planting plan to include locations and types of trees, for future review by this committee. Mr. Griffith noted that resident feedback on our recent tree planting project has been excellent.

LINE OF SIGHT ISSUES

Dr. Chicurel commented on photos (included in the agenda packet) and resident e-mails regarding "line-of-sight" issues at intersections throughout the community. He suggested that

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traffic mirrors may remediate some of these issues and asked staff to look into what the County's philosophy is on traffic mirrors.

CROSSWALKS

GULF PARK & GREEN TREE INTERSECTION SIGNAGE

Dr. Chicurel commented on recent signage which was changed at the intersection of Gulf Park Dr. and Green Tree Dr. from "yield to pedestrians" to "stop for pedestrians." Ms. Jacob explained that the sign change is a result of the County's adoption of the current state statute as County code. E-mails have been received from residents stating that the new signage is confusing. Mr. Waterhouse noted that new vehicles with modern navigation identify these signs as stop signs.

SAN MARINO REQUEST FOR FLASHING LIGHTS

Dr. Chicurel commented on a request from the San Marino Association for flashing warning lights to be installed at the Pelican Bay Blvd. crossing in front of San Marino, which leads directly to tram station 6. Dr. Chicurel commented that this request is appropriate. He asked staff to look into what the County process is and if a traffic study is required, it should be performed during season.

PELICAN BAY BLVD. & HAMMOCK OAK 4-WAY CONVERSION

Dr. Chicurel commented on the possible conversion of a 3-way stop at the intersection of Pelican Bay Blvd. and Hammock Oak Dr. to a 4-way stop as this is a busy intersection. The Crescent Association is in favor of this conversion. Dr. Chicurel suggested that staff follow up on whether a traffic study is required, and if it is, it should be performed during season.

STREET SIGNS

NEW POLES & SLEEVES

Dr. Chicurel provided photos (included in the agenda packet) of improperly sized street sign poles and sleeves. Mr. Dorrill commented that staff will review the sizing of the newly installed poles and sleeves.

CONFLICTS

Dr. Chicurel commented on a photo of a street sign installed right next to a street light pole, and suggested that staff prevents or corrects such occurrences like this in the future.

NEW BUSINESS

Dr. Chicurel commented on the increasing number of iguanas in Pelican Bay which may become a potential future problem, as they can burrow into and undermine lake banks, and become a nuisance. He suggested that the PBSB, PBF, and PBPOA collaborate and share an opinion on this issue. Mr. Dorrill commented that iguanas can affect drainage canals. Mr. Fabregas commented that we might consider hiring a trapper. Dr. Chicurel commented that recently the PBF hired a trapper, but no results were achieved.

ADJOURNMENT

The meeting was adjourned at 3:11 p.m.

Pelican Bay Services Division Landscape & Safety Committee Meeting
September 2, 2020



Joe Chicurel, Chairman

Minutes approved [] *as presented* OR [] *as amended* ON [] *date*







		Vetted Security Solutions 4185 35th St N Saint Petersburg, FL 33714 Office: (727) 440-3245			
Purchaser:	Collier County Sheriff's Office (FL)	Date:	10/23/2020 10:49:39 AM		
Project Name:	Collier CSO - Fixed LPR - Pelican Bay Community	Quote Number:	00001431		

PROJECT QUOTATION

We at Vetted Solutions are pleased to quote the following systems for the above referenced project:

Scope of Work:

Hardware				
Mfg. Part #	Item	Qty	Unit Price	Extended Price
VSSM1BOX101	Fixed ALPR Single Camera Enclosure (X10)	2	\$9,485.83	\$18,971.66
VSSM1BOXD1	Fixed ALPR 1 Main / 1 Reaper XD Camera	2	\$13,519.00	\$27,038.00
VSSM1BOXD2	Fixed ALPR 1 Main / 2 Reaper XD Cameras	5	\$22,484.00	\$112,420.00
VSSM1BOXDIX101	Fixed ALPR 1 Main / 1 Reaper XD Camera - 1 Reaper X10 Camera	3	\$19,799.17	\$59,397.51

Services				
Mfg. Part #	Item	Qty	Unit Price	Extended Price
SSU-SYS-COM	Vigilant System Start Up & Commissioning of 'In Field' LPR system	20	\$875.00	\$17,500.00
	Fixed ALPR Installation	12	\$1,950.00	\$23,400.00
	Travel Rates	1	\$950.00	\$950.00
	Marshalling Cost	1	\$1,350.00	\$1,350.00

Software				
Mfg. Part #	Item	Qty	Unit Price	Extended Price
VSBSCSVC -04	Vigilant LPR Basic Service Package for Hosted/Managed LPR Deployments	20	\$275.00	\$5,500.00

Shipping				
Mfg. Part #	Item	Qty	Unit Price	Extended Price
	Shipping Rate for Fixed LPR Camera	20	\$95.00	\$1,900.00

Hardware Cost:		\$217,827.17
Software Cost:		\$5,500.00
Services Cost:		\$43,200.00
Shipping Cost		\$1,900.00
Warranty Cost:		\$0.00
Extended Total Cost:		\$268,427.17

Proposal Notes:

1. All prices are quoted in USD and will remain firm and in effect for 30 days.
2. This Quote does not include anything outside the above stated bill of materials.
3. Complete system includes 1-year parts/labor warranty, extended warranty options are available.
4. The expected lead time for hardware and installation is 30-60 days.
5. Connectivity is assumed Cellular on department supplied cell card to the MDC for real time connectivity to LEARN database.
6. Any use tax, sales tax, excise tax, duty, custom, inspection or testing fee, or any other tax, fee or charge of any nature whatsoever imposed by any governmental authority, on or measured by the transaction between Vetted Security Solutions and Purchaser shall be paid by Purchaser in addition to the price quoted or invoiced. In the event Vetted Security Solutions is required to pay any such tax, fee or charge, Purchaser shall reimburse Vetted Security Solutions therefor or, in lieu of such payment, Purchaser shall provide Vetted Security Solutions at the time the Contract is submitted an exemption certificate or other document acceptable to the authority imposing the tax, fee or charge.

Quoted by Jeff Kinney Phone: email: jkinney@vettedsecuritysolutions.com

	Project Total: \$268,427.17	
Accepted By:	Date:	P.O#

Please email purchase order to:
accounting@vettedsecuritysolutions.com



Collier County Sheriff's Office

Pelican Bay Community

October 23, 2020

www.vettedsolution.com



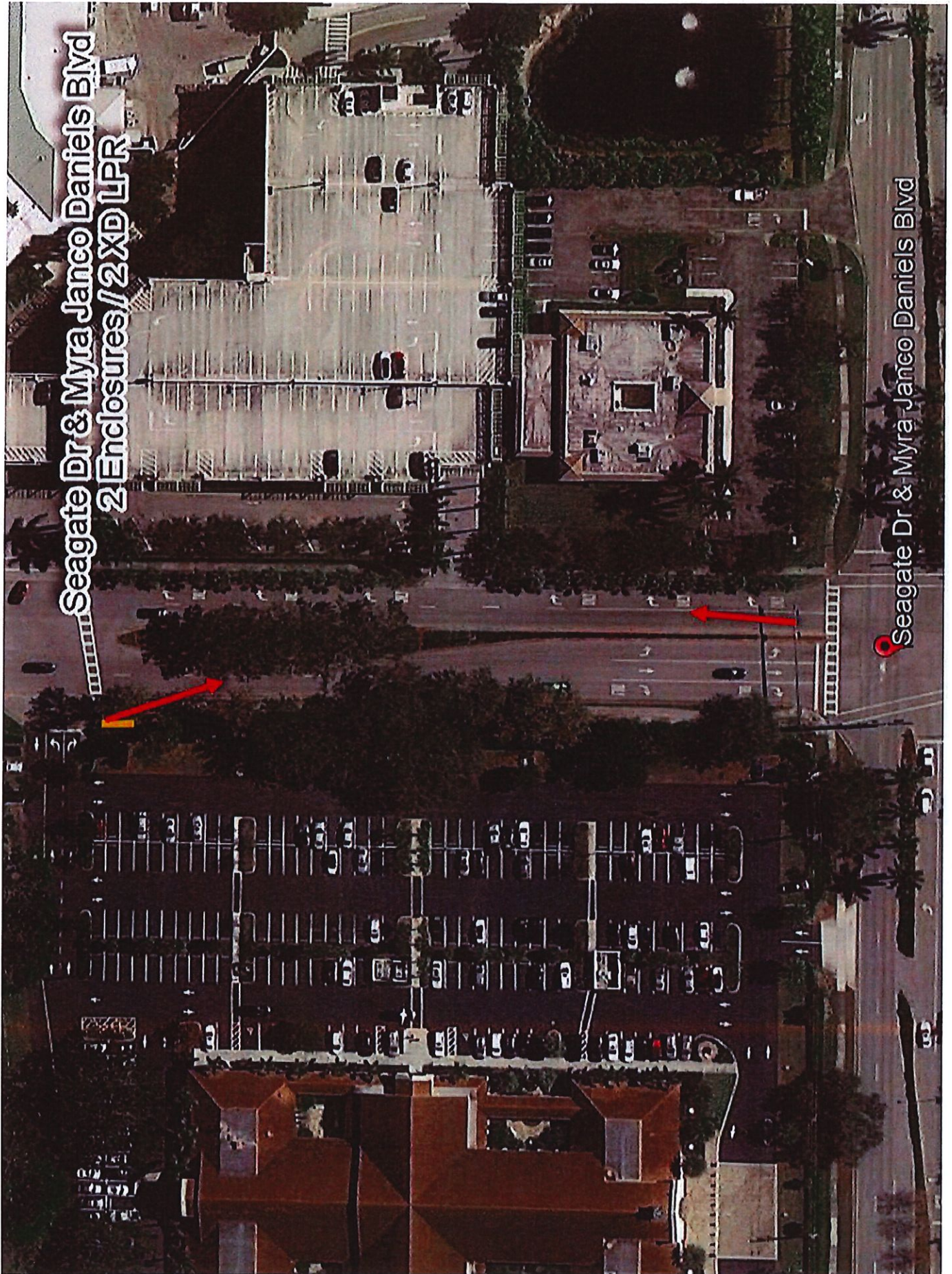
Pelican Bay Blvd & Oakmont Pkwy
1 Enclosure / 2XD LPR

Pelican Bay Blvd & Oakmont Pkwy



Pelican Bay Blvd & Tamiami Trail N
1 Enclosure / 2XD LPR

Tamiami Trail N & Pelican Bay Blvd

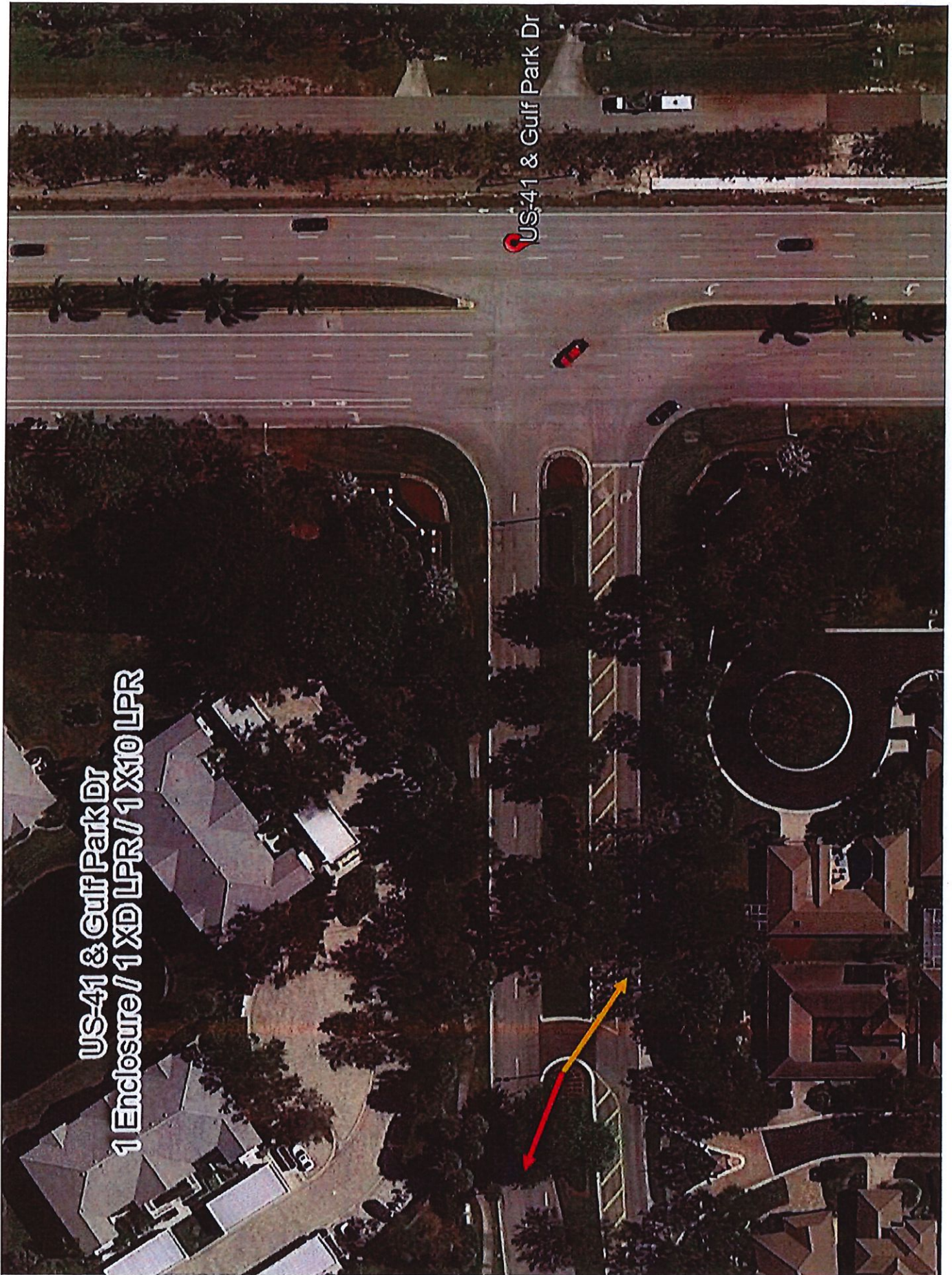


Seagate Dr & Myra Janco Daniels Blvd
2 Enclosures / 2 XD LPR

Seagate Dr & Myra Janco Daniels Blvd

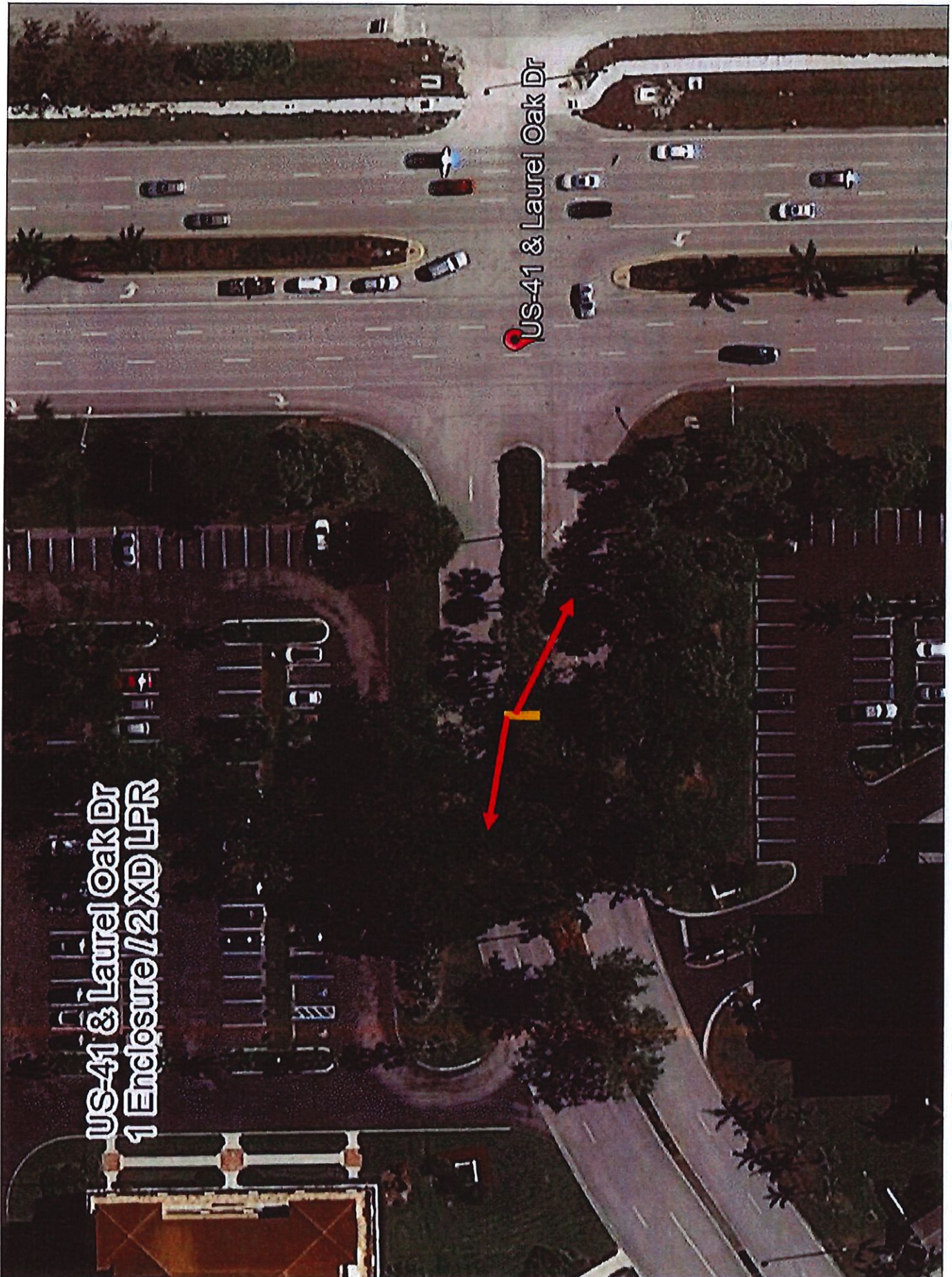


Seagate Dr @ Tennis Courts
2 Enclosures / 2 X10 LPR



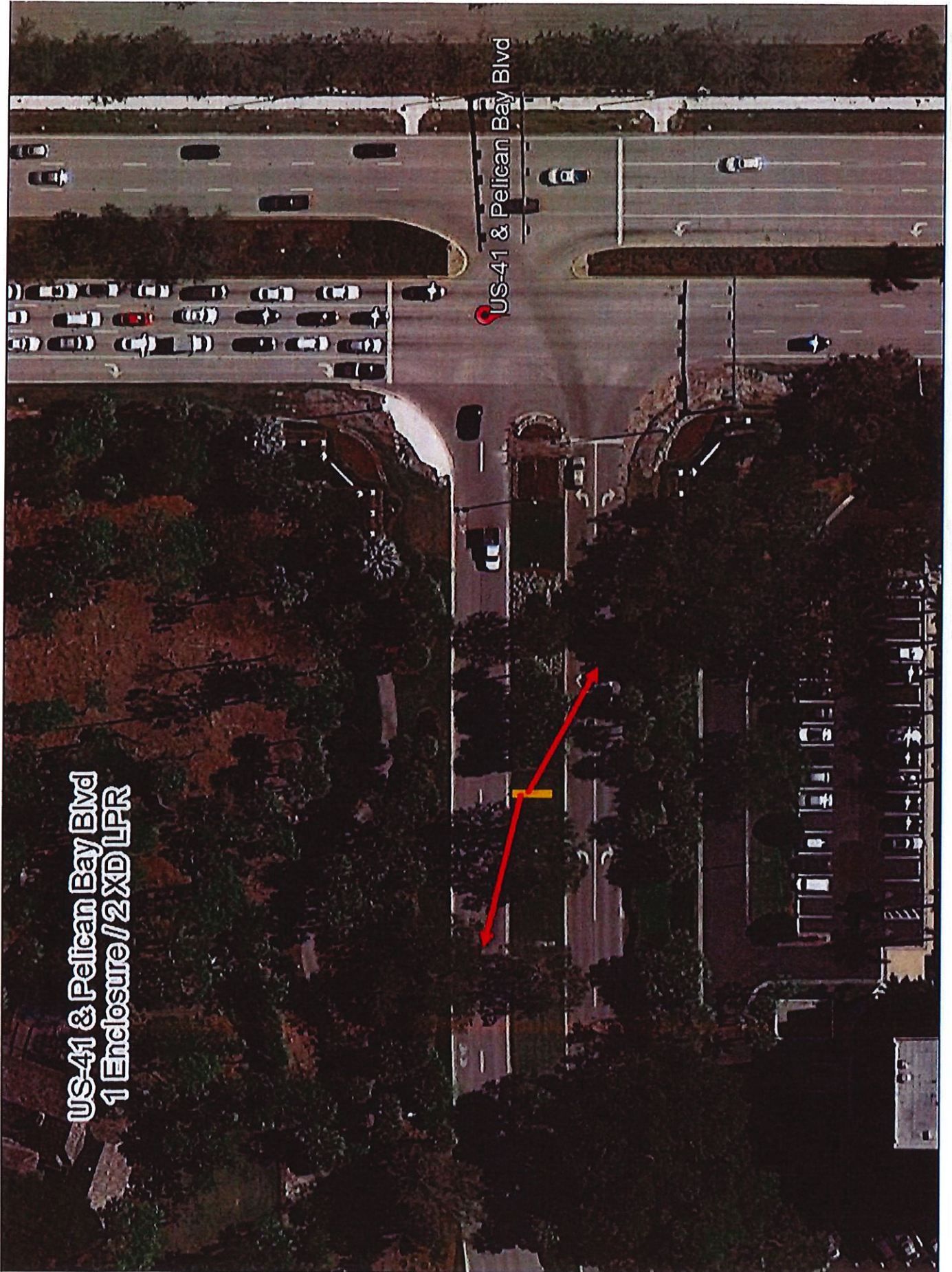
US-41 & Gulf Park Dr
1 Enclosure / 1 XD LPR / 1 X10 LPR

US-41 & Gulf Park Dr



US-41 & Laurel Oak Dr
1 Enclosure / 2 XD LPR

US-41 & Laurel Oak Dr



US-41 & Pelican Bay Blvd
1 Enclosure / 2 XD LPR

US-41 & Pelican Bay Blvd



Vanderbilt Beach Rd & Bay Colony Dr
1 Enclosure / 2XD LPR

Vanderbilt Beach Rd & Bay Colony Dr



Vanderbilt Beach Rd & Hammock Oak Dr
1 Enclosure / 1 XD LPR / 1 X10 LPR

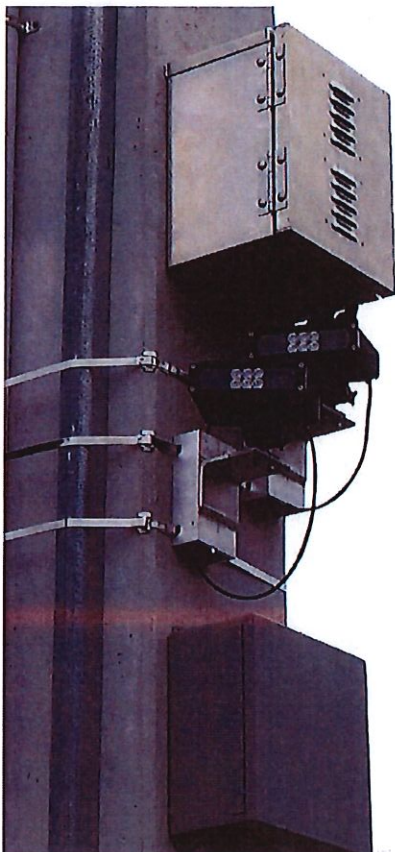
Vanderbilt Beach Rd & Hammock Oak Dr





FIXED ALPR

Vetted Security Solutions is offering a complete line of "turnkey" license plate reader (LPR) enclosures for all deployment scenarios. All components are programmed and tested to the end user specifications prior to commissioning to ensure rapid deployment and full functionality. These enclosures have been designed using tested components that perform in the harshest environmental conditions, day-after-day. Pre-configured for all scenarios; they can be remotely monitored and maintained. Modular components can be added and removed to cover a wide range of scenarios. Built to last, but easy to maintain; does not require a master technician to keep running. "Break and Fix" simplicity, if a component fails it can be swapped out putting the system back up and running with minimum of down time lite technical expertise.

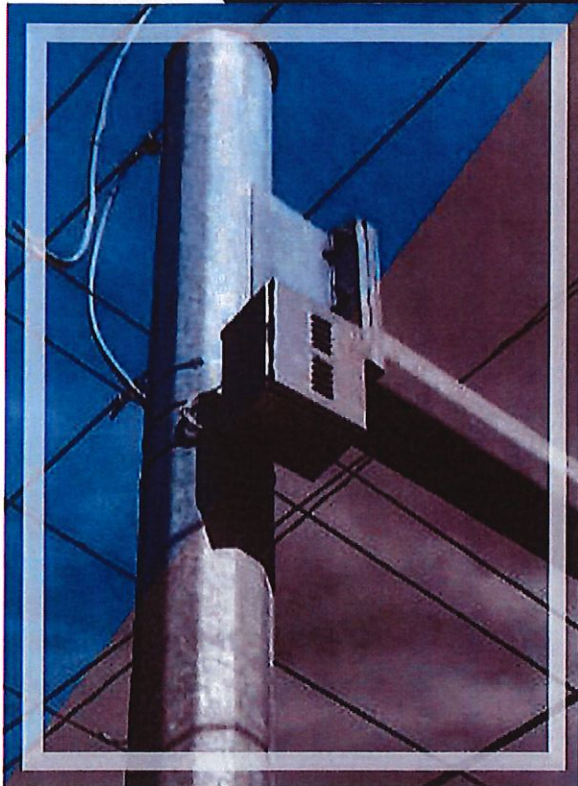


PRODUCT FEATURES:

- DOT Class 11, NEMA 3R, Aluminum Enclosure:
- 14" x 12" x 8", 22lbs.
- Multiple Enclosure Mounting Options
- Standard Stainless Steel (Banded) or Pelco Stellar
- Industrial 24 VDC Power Supply
- Remote Management and Maintenance Module
- Industrial 5 Port PoE (30W per port)
- LTE Router Firewall WiFi "Bubble," and GPS
- Intel i5 7th Gen, 8GB RAM, 256 GB SSD, Win 10 64 bit IoT
- 2 x Temperature Controlled Cooling Fans
- Hi Performance Antenna
- Pre-Configured for "Just Add Power" deployment
- Options - Bridge Enclosure (Multi-Lane Intersection Coverage)
- Fiber Optic Connections
- Radio Frequency (RF) Connectivity



Multi-Camera LPR Enclosure



- DOT Class 11, NEMA 3R, Aluminum Enclosure:
 - 14" x 12" x 8", 221bs.
- Multiple Enclosure Mounting Options
 - Standard Stainless Steel (Banded) or Pelco Stellar
- Industrial 24 VDC Power Supply
- Remote Management and Maintenance Module
- Industrial 5 Port PoE (30W per port)
- LTE Router/Firewall w/WiFi "Bubble," and GPS
- Intel i5 7th Gen, 8GB RAM, 256 GB SSD, Win 10 64 bit IoT
- 2 x Temperature Controlled Cooling Fans
- Hi Performance Antenna
- Pre-Configured for "Just Add Power" deployment
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 - Fiber Optic Connections
 - Radio Frequency (RF) Connectivity

RELIABLE

REMOTE MANAGEMENT

PRE-CONFIGURED

Vetted Security Solutions is offering a complete line of "turnkey" license plate reader (LPR) enclosures for all deployment scenarios. All components are and tested to the end user specifications prior to deployment to ensure rapid deployment and full functionality. These enclosures have been designed using tested components that perform in the harshest environmental conditions day after day. Pre-configured for all deployment scenarios; they can be remotely monitored and maintained. Modular components can be added and removed to cover a wide range of deployment scenarios. Built to last, but easy to maintain; does not require a master technician to keep running. "Break and Fix" simplicity if a component fails it can be swapped out putting the system back up and running with a minimum of down time and little technical expertise.



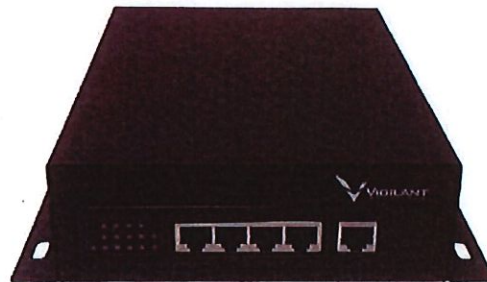
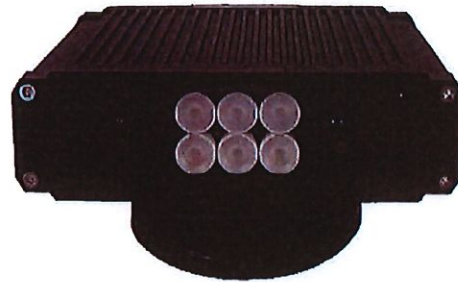
Protecting Officers,
Families and Communities

Reaper ANPR / LPR Camera

Key Features

- Single cable Power-over-Ethernet installation
- Low-profile, Compact, Dual-lens (infrared and color) ANPR / ALPR Camera with integral processor
- Low power consumption at <8W average
- Automated speed calculation
- Outdoor rated, IP67, NEMA4
- Full-featured and well documented API
- Dynamic LPR camera control via Ethernet
- Point Control (aim precision)

Product Images



*Reaper Interface Box
(Accommodates up to 4 cameras)*

Product Description

Vigilant Solutions' Reaper Series camera is a low-profile, compact, ANPR / LPR camera and integrated processing unit for use in both mobile and fixed LPR applications. The Reaper is environmentally sound (IP67) and friendly (<8W average power), easy to install and deploy (single PoE cable), and feature rich (direct connection to LEARN, speed calculation, ONVIF compliant video stream).

Specifications

Camera Performance			
Lens	Part#	Nominal Focal Length	Capture Range
50mm	VSR2-01-975	65 ft / 19.8 m	64-65 ft / 16.5-19.8 m
35mm	VSR2-01-950	43 ft / 13.1 m	27-43 ft / 8.2-13.1 m
25mm	VSR2-01-935	31 ft / 9.4 m	19-31 ft / 6.8-9.4 m
16mm	VSR2-01-925	20 ft / 6.1 m	13-20 ft / 4.0-6.1 m
12mm	VSR2-01-916	14 ft / 4.3 m	10-14 ft / 3.0-4.3 m

Above distances may vary depending on plate mounting, and also for horizontal/vertical angles > 00

Capture speed maximum	120mph (180kph)
Optics	
Window	Shatterproof window
Sensor	1/3" CMOS
Housing	
Size (WxLxH)	6.9 x 6.5 x 2 in / 175 x 165 x 51 mm
Mounting – Mobile/Fixed	3-axis (Aim Precision) / Lock in place Low profile / Bold mount
Color	Matte Black
Weight	3.5 lbs / 1.6 kg
Environmental	
Environmental Protection	IP67 / NEMA4 compliant
Operational temperature	-40°C to 60°C -40°F to 140°F
Connector	M12 B pin X-coded female circular connector
Electrical	
Power consumption	Less than 8 W nominal; 12 W MAX
Input voltage	POE+ (IEEE802.3at PD)
Engine crank	Operational during vehicle start-up at 6V (100 ms) voltage dip, 10V (2 sec)
Cable Management	
Cable length	9.8 ft (3 m)
Type	Cat5e or Cat6
Connector	M12 B pin X-coded male connector (camera end) RJ45 (injector end)

Applications

- Law enforcement
- Parking & Access Control
- Airport security
- Traffic monitoring / data collection
- Border security
- Vehicle surveillance
- Retail security / intelligence
- Toll violation enforcement
- Journey time measurement
- Intelligent Transportation (ITS)



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