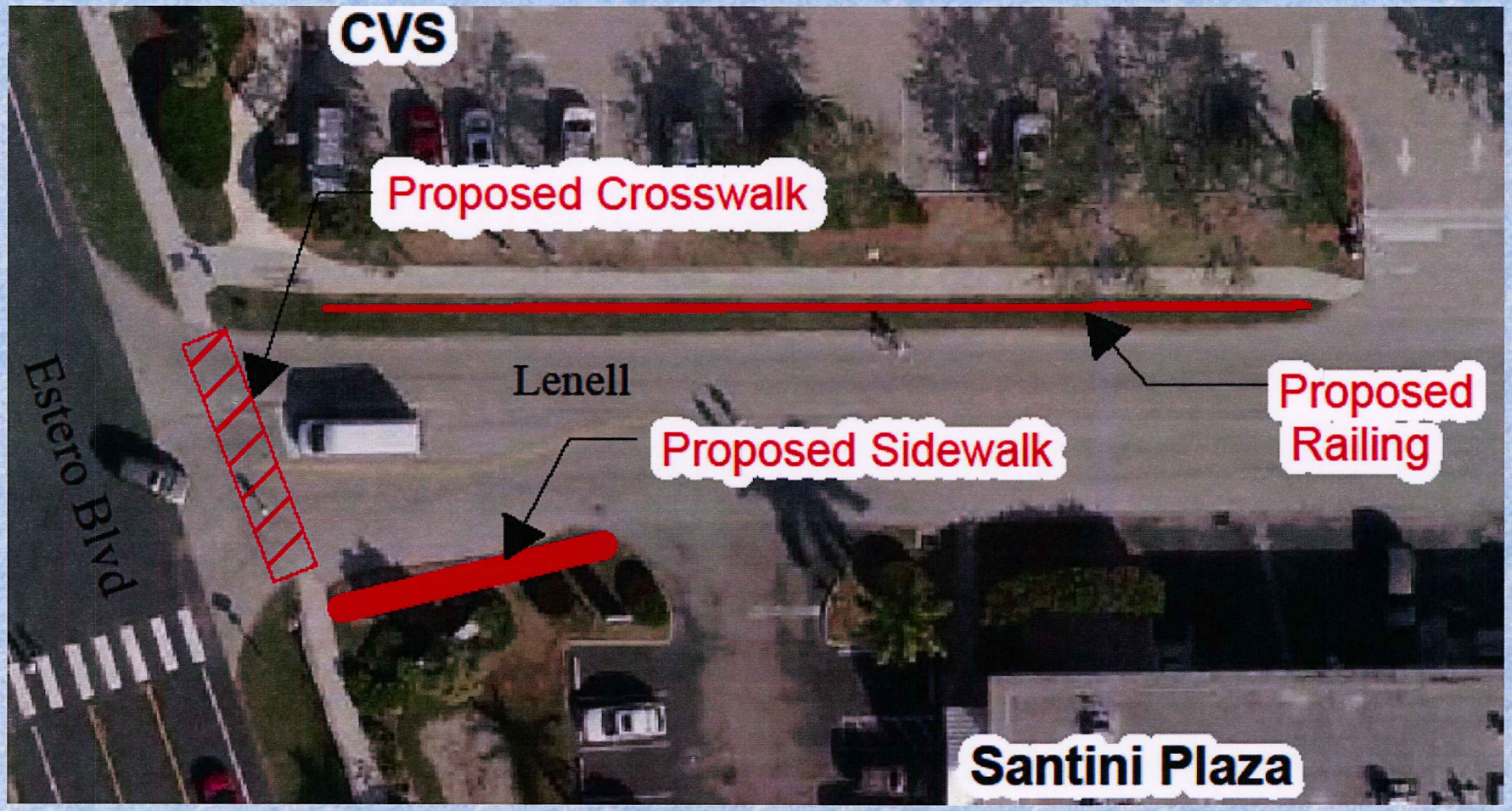
Lenell Sidewalk Improvements

- Purpose: Re-route pedestrians crossing between CVS and Santini Plaza to crosswalk instead of mid-block crossing.

- Proposed Action:
  - Install marked crosswalk across Lenell at Estero Blvd
  - Install 60’ of sidewalk on the south side of Lenell from Estero Blvd to Santini Plaza entrance
  - Install railing along existing sidewalk on north side of Lenell


CVS
Proposed Crosswalk
Lenell
Proposed Railing
Proposed Sidewalk
Estero Blvd
Santini Plaza

Post and Chain Railing

Aluminum Guide Railing

Post and Chain Railing	$3000
Aluminum Railing	$10,800
60’ x 4’ sidewalk	$1000
Crosswalk	(by county)

Crosswalk Lighting

- Task Force identified fourteen crosswalks with apparent sub-standard lighting
- Lighting survey confirmed eight of those crosswalks to have an average illumination of less than 1 ft-candle (recommended illumination level)
- Photometric analysis recommended for seven of the crosswalks
- Propose improvements to increase illumination to 1 ft-candle

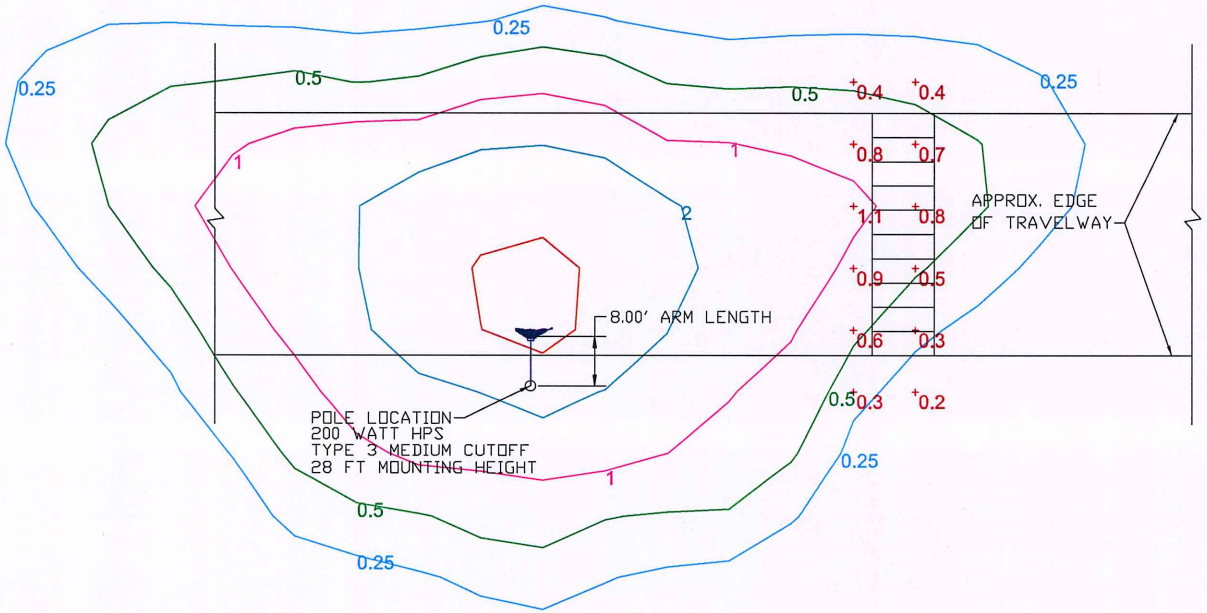
Photometrics Study

(Measurement of perceived brightness to the human eye)

- Buccaneer Crosswalk
- Beach and Tennis Club Proposed Median Crosswalk (new)
- Santini Plaza Crosswalk
- Lenell Crosswalk
- Bahai Via Crosswalk
- Donora/Red Coconut Crosswalk
- Delmar Crosswalk

Existing Photometrics @ Delmar

DATE:9/27/2012
SCALE: 1"=20'



NO.	DATE	BY	REVISIONS - DESCRIPTION

T.Y. LIN INTERNATIONAL
2400 FIRST STREET, SUITE 200
FORT MYERS, FLORIDA 33901
TEL. (239) 332-4846
FAX. (239) 332-4798 WWW.TYLIN.COM

APPROVED BY: JAMES MOLNAR, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA CERTIFICATE NO. 49237

TOWN OF FORT MYERS BEACH, FL
Town of FORT MYERS BEACH FLORIDA
Public Works Department
2523 Estero Blvd.
Fort Myers Beach, FL 33931

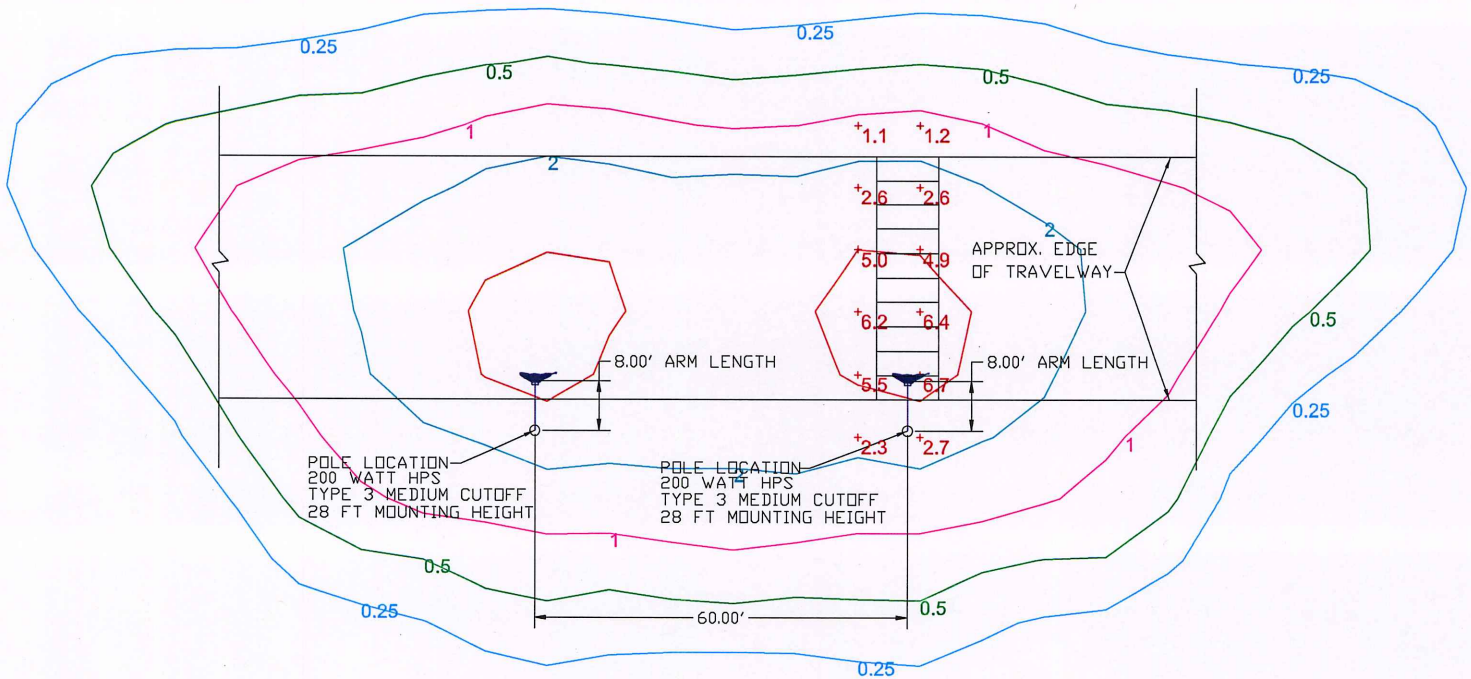
ESTERO BLVD
LIGHTING IMPROVEMENTS
EXISTING CONDITION AT DEL MAR

SHEET NO.

#USER# #DATE# #TIME# #FILE# #MODELNAME#

Photometrics w/ proposed additional light.

DATE:9/27/2012
SCALE: 1"=20'



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#USER# #DATE# #TIME# #FILE#

ESTERO BLVD
LIGHTING IMPROVEMENTS
PROPOSED CONDITION AT DEL MAR

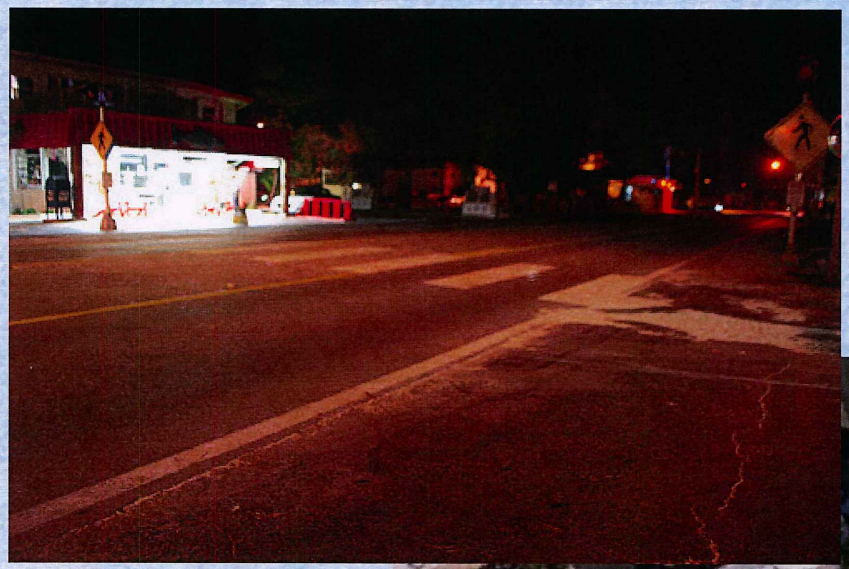
SHEET NO.

#MODELNAME#

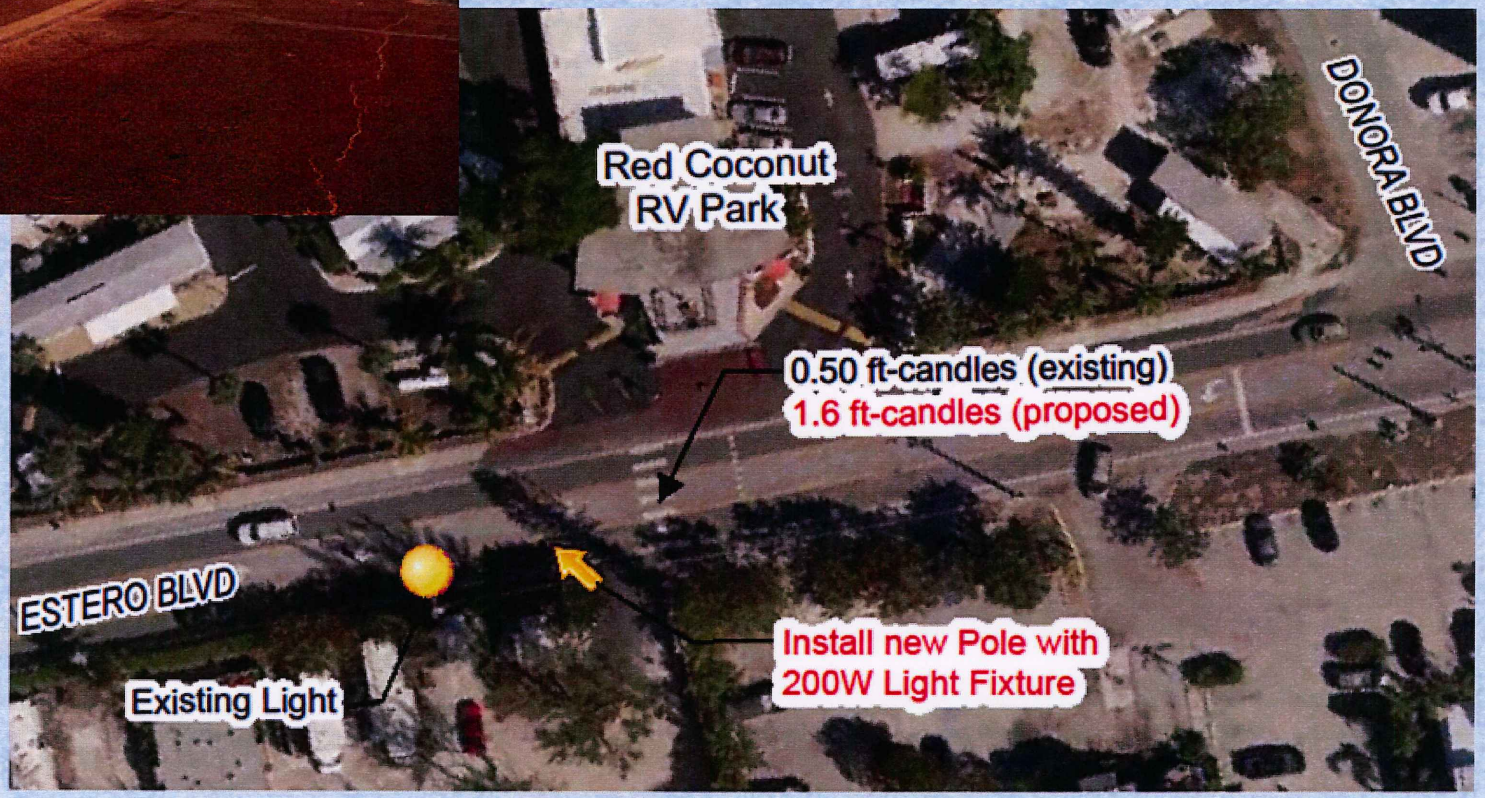
Primo/Palermo Crosswalk

Miramar Crosswalk

Donora/Red Coconut Crosswalk



ESTIMATED COST	
New Pole with 6' Arm	$5200
200W Light	$350
Light Shield	$255
Total	$5805

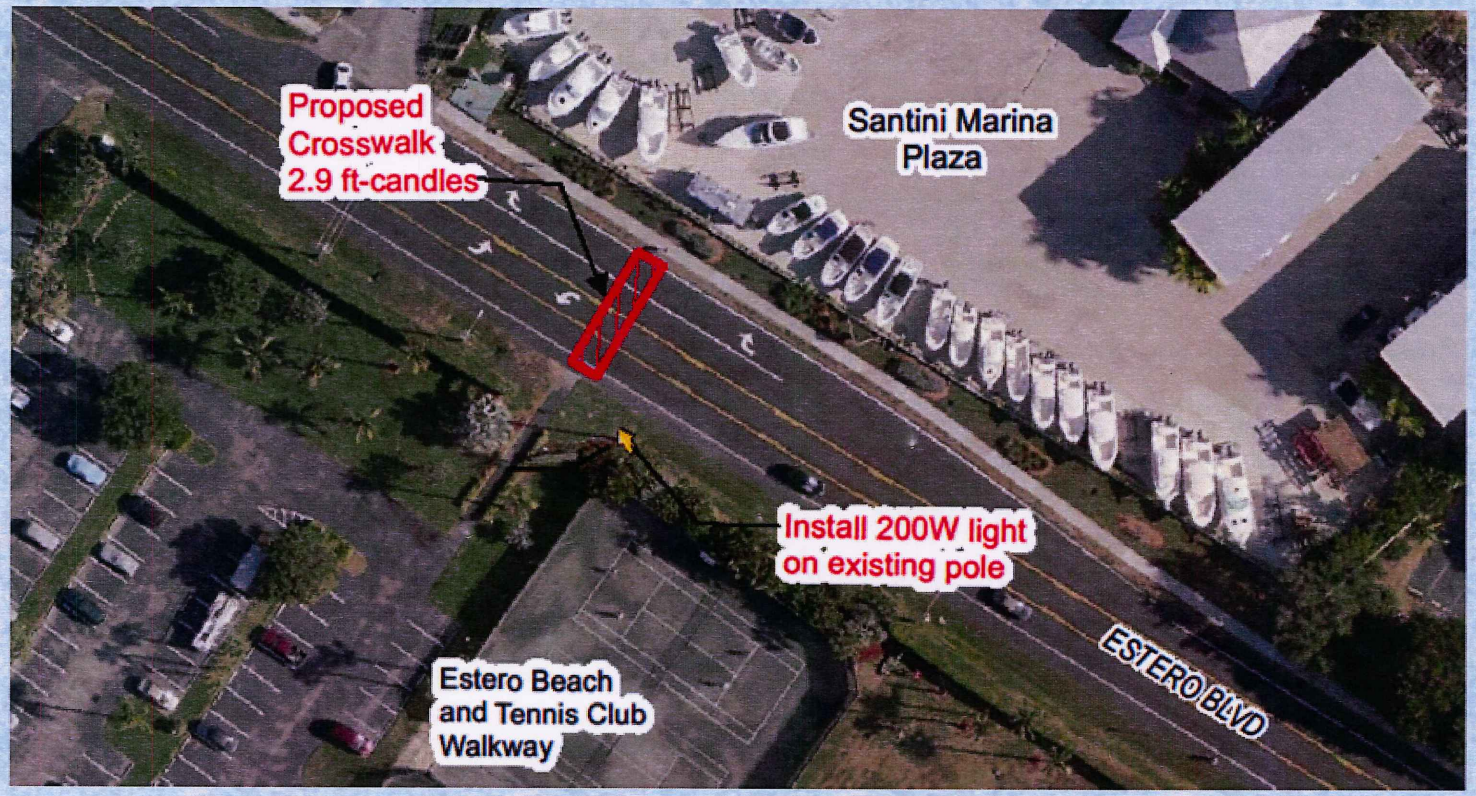


Lenell Crosswalk

ESTIMATED COST	
200W Light	$350
6' Arm	$400
Light Shield	$255
Total	$1005

Estero Beach and Tennis Club

Proposed Median Crosswalk



COST ESTIMATE

200W Light	$350
6' Arm	$400
Light Shield	$255
Total	$1005

Buccaneer Crosswalk

ESTIMATED COST	
Light Fixture	$500
2'Arm	$250
Light Shield	$255
Total	$1055

Delmar Ave. Crosswalk

Bahia Via Crosswalk

Santini Plaza

Summary of Cost Estimates
for

Lenell Crosswalk

and

Crosswalk Lighting

Lenell Pedestrian Control	$12,000
Primo/Palermo Crosswalk[1]	0
Miramar Crosswalk[1]	0
Donora/Red Coconut Crosswalk	$5,800
Lenell Crosswalk	$1,005
Estero Beach and Tennis Club Light	$1,005
Buccaneer Crosswalk	$1,055
Total	$20,865

<u>Crosswalks Under Consideration</u>

DelMar Ave.

Bahia Via

Santini Plaza

1 Cost incurred by County