

8. STREETLIGHT REQUEST DARDEN MILL ESTATES (LAKESIDE DRIVE)

In accordance with the subdivision regulations at the time, the developers of Darden Mill Estates installed streetlights in the back part of their subdivision in the late 1970's when their plat *for that section* was first approved, but, because the front section of the subdivision was developed in piece-meal fashion, with most lots platted separately, lights were never installed by the developers in the front part of the subdivision.

Back in June 2002, the Board of Supervisors authorized installation of up to five (5) new streetlights along Lakeside Drive, but for reasons that are unclear to me, the installation never proceeded. Perhaps it was cost, perhaps it was lack of communication, or perhaps it was something else; regardless, the area remains dark.

Earlier this year, after being contacted by one of his constituents, Supervisor Edwards asked us to look into the matter and Mr. Mendenhall requested Dominion Virginia Power to provide us a cost estimate.

Late last month, they responded with the attached proposal. They are proposing installation of five new lights, two of which will be mounted on existing wooden poles and three on new fiberglass poles. The cost of installation is \$13,354.93.

With no funds budgeted for this purpose, if the Board wishes to proceed, the funding will need to be specially appropriated from the unappropriated general fund reserve.

MOTION REQUIRED:

If the Board is so inclined, a motion is required authorizing the installation of the streetlights, subject to appropriation of funds from the unappropriated general fund reserve.



9/18/12

Southampton County
Attention: Mr. Jon Mendenhall
Post Office Box 400
Courtland, VA 23837

Reference: Darden Mill Estates
City / County Billing Account # **655929479**
Dominion Virginia Power Work Request # 7232292

Dear Mr. Mindenhall:

The engineering to provide a design estimate to install (5), street lights for the above referenced project is now complete. The cost to the County of Southampton for this new installation will be \$13354.93 and is calculated as follows:

Install: (5), 5000 lumen, 70 Watt, HPSV Enclosed Flat Lens lights

Cost of Construction	\$ 12088.60
Less - New 4 Year Revenue Credit	\$ 1735.94
Excess 4:1 Revenue	\$ 10352.66
Tax Effective Recovery Factor (TERF) @ 29%	\$ 3002.27*
Total Cost	\$ 13354.93

*TERF: Only applies to capital portion of project estimate.

The monthly billing for these (5), lights on (5), poles will be in accordance with the existing VEPGA Agreement dated January 1, 2011.

This cost is valid for 90 days from the date of this letter. If within that time we have not received a Letter of Authorization, Dominion Virginia Power will bill the County of Southampton for all engineering

charges associated with the project. Furthermore, any subsequent design estimates for the above project will be subject to a revised charge. Upon receipt of the Letter of Authorization, we will proceed with ordering material and obtaining any required permits and/or easements.

Once the above items have been completed, this job will be released to our construction department. If the necessary permits and/or easements cannot be obtained, this design estimate may have to be revised and resubmitted for authorization.

Dominion Virginia Power has estimated this project based on an approved site plan and/or, onsite observations regarding conditions in and around the project site. Should conditions exist beyond levels included in this design estimate, (such as but not limited to, the need for rock excavation and/or blasting or the presence of hazardous materials, etc...) which substantially change the magnitude of the project, Dominion Virginia Power reserves the right to halt construction and submit a revised design estimate.

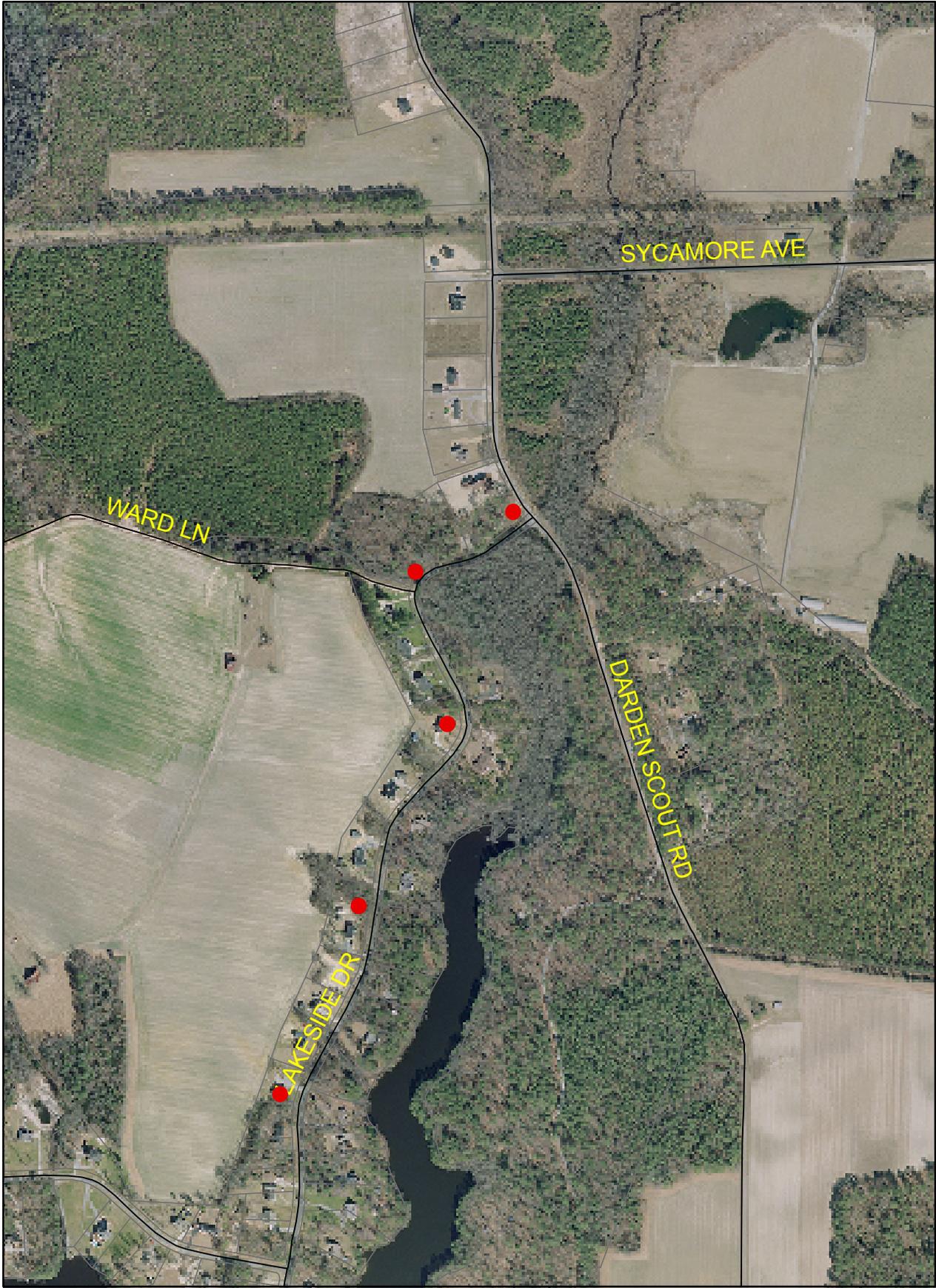
The location of street lights on this project were provided by the County of Southampton, and taken from a copy of a site plan provided to Dominion Virginia Power. Dominion Virginia Power will stake the location of these lights prior to installation. The County of Southampton or their representative is responsible for confirming the locations marked by the Company. If the County of Southampton requires the relocation of any lights subsequent to installation, they will be responsible for all expenses incurred by Dominion Virginia Power to accomplish the relocation.

Enclosed is a copy of our construction drawing, (Work Request # 7232292), showing the proposed work and a Work Request Compatible Unit Cost Estimate Report. Should you have any questions regarding this design estimate, please contact me at (757) 482-6034.

Sincerely,

CHARLES S NELSON
Customer Projects Designer II

Southampton County



0 100 200 400 600 800 1,000 1,200 1,400 1,600 1,800 2,000 Feet



Southampton County, Virginia
757-653-3015



DARDEN MILL ESTATES

CUSTOMER CONTACT IS
JON MENDENHALL @
757-653-3005

Anchor
10" PIHS
12285 PTG at Anchor
11 Ft. Guy Lead (0')
2500 Ft. - Lb. Installation Torque

WL 4
M1113 UA82
45' Class 3 - JU
INSTALL:
SDE1=12"
ANC10PIHS
GG
G716

WL 3
M1113 UA71
35' Class 5 - NJU
INSTALL:
PWIREXFERA
VR1
S1=14"
SWIREXFERA
LOHSC
BKTSG10FT
P404
S10ALDE (100)
LEN5FSV

WL 2
M1112 UP20
40' Class 4 - NJU
INSTALL:
WLGTX
SWIREXFERA
S1=14"
S10AL (290)

WL 1
M1112 TO71
40' Class 4 - NJU
INSTALL:
LABENGR (9)
LOHSC
BKTSG10FT
ANC10PIHS
GG
G716
SDE1=14"
S10ALDE (250)
LEN5FSV

Anchor
10" PIHS
11904PTG at Anchor
11'Ft. Guy Lead (-0.3')
2500 Ft. - Lb. Installation Torque

WL 5
M1112 UN35
INSTALL:
USL8DCUPAPO (75)
STLTFUSE
STLTF15
BKTTT06FT
LUGSC
PF35
KSEED (75)
KTB24 (75)
LEN5FSV

GUYING IS
ADEQUATE

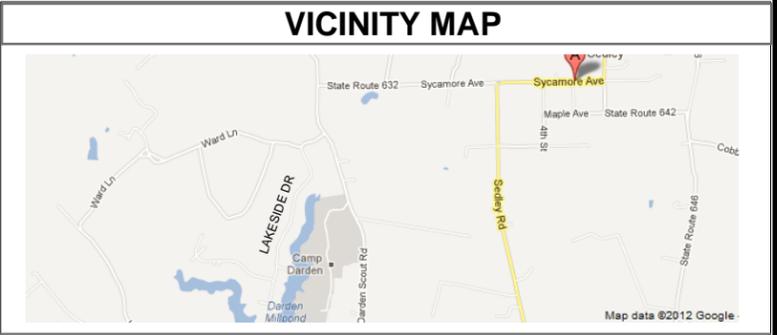
M1112TN88
CHECK GROUNDING
OHMS _____
RODS _____

Initial Sag Table
50% Heavy/Medium Loading
Conductor Size: = # 1/0 AL
R.S. = 300'

Degrees	Inches	Tension LBS.
30°	9"	1800#
45°	9"	1700#
60°	10"	1550#
75°	11"	1450#
90°	12"	1300#

Final Sag Table
50% Heavy/Medium Loading
Conductor Size: = # 1/0 AL
R.S. = 300'

Degrees	Inches	Tension LBS.
30°	11"	1450#
60°	14"	1250#
90°	20"	950#
120°	29"	800#



CONSTRUCTION NOTES

- WORK SAFELY
- PRACTICE TAKE FIVE PLUS 1
- HOLD A PRE-JOB BRIEFING
- CALL MISS UTILITY BEFORE DIGGING

LEGEND

Existing	Proposed	Replace	Return	Symbol	Description
○	●	◐	◑	⊗	Dominion Pole
○	●	◐	◑	⊗	Foreign Pole
○	●	◐	◑	⊗	OH Transformer
○	●	◐	◑	⊗	OH Step Transformer
○	●	◐	◑	⊗	UG Transformer
○	●	◐	◑	⊗	Dummy Transformer
○	●	◐	◑	⊗	UG Step Transformer
○	●	◐	◑	⊗	Fuse
○	●	◐	◑	⊗	Recloser
○	●	◐	◑	⊗	Voltage Regulator
○	●	◐	◑	⊗	Sectionalizer
○	●	◐	◑	⊗	OH Switch
○	●	◐	◑	⊗	Capacitor
○	●	◐	◑	⊗	UG Switch
○	●	◐	◑	⊗	Manhole
○	●	◐	◑	⊗	Vault
○	●	◐	◑	⊗	Splice Box
○	●	◐	◑	⊗	Secondary Ped
○	●	◐	◑	⊗	Conduit
○	●	◐	◑	⊗	Duct Bank
○	●	◐	◑	⊗	Street Light
○	●	◐	◑	⊗	OH Fault Indicator
○	●	◐	◑	⊗	Existing/Proposed UG Sec. Current Limiting Fuses
○	●	◐	◑	⊗	Existing/Proposed Open Points
○	●	◐	◑	⊗	Existing/Pro. Arrestor
○	●	◐	◑	⊗	Push Brace
○	●	◐	◑	⊗	Down Guy & Anchor
○	●	◐	◑	⊗	Span Guy
○	●	◐	◑	⊗	OH or UG Conductors

Project Data

Sub Station: FRANKLIN	Cir. #: 994	ADC Map # OFF THE ADC MAP
Tax District: 60000	Co. Grid # M1112	
Easement #: N/A	Miss U # 811	
Fault Current: N/A	Volt. Drop: 0.16%	
Est. Demand N/A	Flicker: N/A	
Project Manager: CHARLES S NELSON	Device # 26 994 F 143	
Phone # 757-482-6034	Scale 1 inch = 142.6 feet	

VIRGINIA ELECTRIC AND POWER COMPANY
doing business as

Dominion Virginia Power or Dominion North Carolina Power

WR Name: SOUTHAMPTON, COUNTY OF
INSTALL (5) 5000 LUMEN HPSV ENCLOSED FLAT LENS LIGHTS. 3 ON NEW 35 FT FIBERGLASS POLES AND 2 ON EXISTING WOOD POLES.

Location: 18300 LAKESIDE DR COURTLAND VA

WR#: 7480891 **Designer:** CHAR154 **Date:** 9/21/2012

