

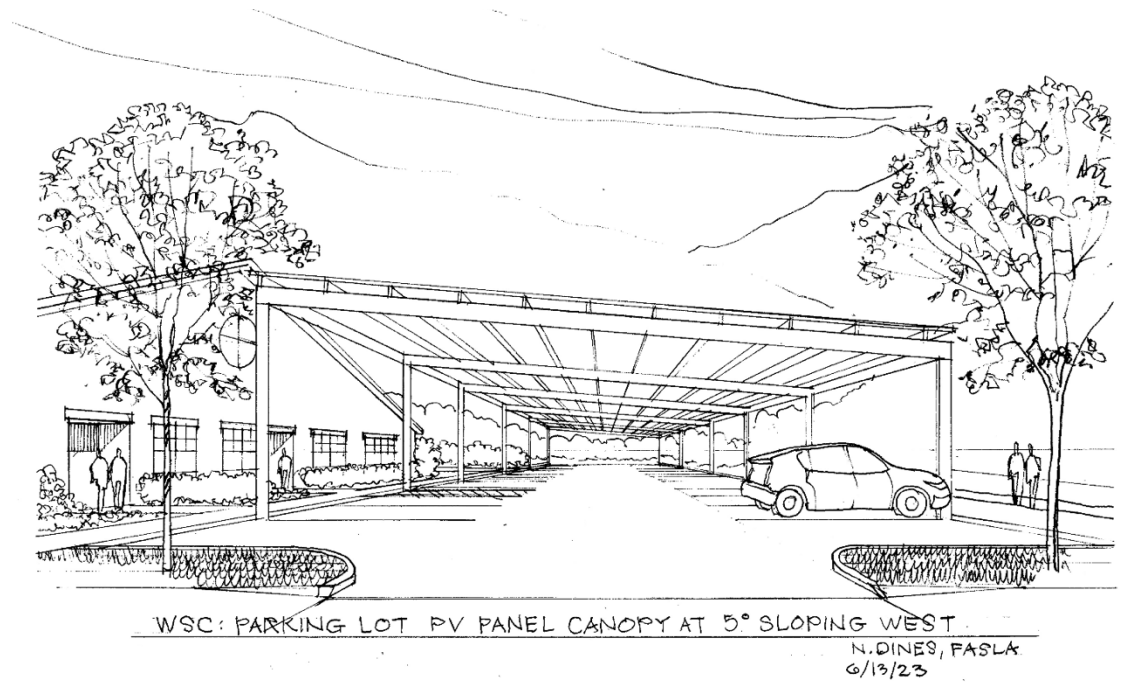
# WILLIAMSBURG PUBLIC SAFETY COMPLEX

Community Newsletter | June 2023

## Solar Energy

The Commonwealth has awarded the Town of Williamsburg a grant of \$1.8 million to add solar power generation to the Public Safety Complex (PSC). There are three options:

(1.) Installing solar panels on the building roof, (2.) Installing solar panels on the roof and over half of the parking lot, and (3.) Installing solar panels on the roof and over the entire parking lot. The diagram shows the concept of the full canopy.



The table below summarizes how much energy each option will generate and the revenue the Town will earn from it.

### Roof Only

- Will produce 67% of the building's annual electricity needs.
- Revenue over 25 years is \$524,251, an average of **\$20,970** per year.
- This revenue reduces the estimated annual electric cost of the PSC (\$31,299) to \$10,329
- Up to \$594,000 of unused grant funds would be returned to the state.

### Roof + ½ Parking Lot Canopy

- Will produce 130% of the building's annual electricity needs.
- Revenue over 25 years is \$1,030,161, an average of **\$41,206** per year.
- An annual average excess of \$9,907 can be applied to the electricity bills of other Town buildings.
- Up to \$240,000 of unused grant funds would be returned to the state.

### Roof + Full Parking Lot Canopy

- Will produce 194% of the building's annual electricity needs.
- Revenue over 25 years is \$1,641,165, an average of **\$65,647** per year.
- An annual average excess of \$34,348 can be applied to the electricity bills of other Town buildings which will cover the electricity costs of all Town buildings except the school.
- The Town would expect to use the full amount of the grant.

The above estimates of energy production and Town revenue generation are based on data provided by the solar power contractor Solect Energy.

**\* \* \* AT THE JULY 19 PSC BUILDING COMMITTEE MEETING,  
THE COMMITTEE WILL SELECT ONE OF THE ABOVE OPTIONS \* \* \***

## Building Update



In the past couple of months, the project has reached significant milestones. Most noticeable is the parking lot and curbing. The first layer of asphalt binder is in and the majority of the concrete sidewalks and entries have been completed. The stormwater retention beds are in progress. In the next month we should see more finish site work including the removal of the site trailer and restoration of the green space at the corner of Main and South Streets.

The interior has seen a great deal of progress, too. All of the in-wall insulation, electrical, and plumbing work is complete, mechanical ductwork is installed and insulated in the ceilings, and drywall is underway and moving quickly. Given the significant amount of envelope insulation and air sealants, the building will be very tight and limit heat loss and air infiltration. This coupled with the all-electrical heating and cooling system makes the building incredibly efficient and tight.



Looking ahead, we see installation of the radio antenna, building signage, interior millwork, doors, and equipment.



Things are looking good for a September completion.

### Contact Us or Learn More

Should you have any questions or comments for the Committee, please feel free to reach out to Nicholas Caccamo, Town Administrator at <mailto:townadmin@burgy.org> or by calling 413.268.8418

All documents relating to the project are available on the Town webpage: <https://www.burgy.org/public-safety-complex-building-committee-pscbc>