



Navajo TMC Hospital | Fort Defiance, Arizona Sidewalk & Street Lighting | Tséhootsooí Medical Center (TMC)

BACKGROUND

The original Fort Defiance Indian Hospital was built in 1912 and had an extensive history until a new hospital was built in August 2002. The Fort Defiance Indian Hospital Board of Directors voted to name the hospital the Tsehootsooi Medical Center in 2011. Navajo Nation who manages and operates the facility are using solar wherever they can, and this project saw solar lighting used to illuminate the sidewalks and streets from the Hospital to the Housing neighborhood.

OUR SOLUTION

The solution consisted of a combination of solar street and pathway lights including the optional Hinged Base Plate for the GFS-200 street lights allowing the bottom hinged plate to match the foundation anchor bolts from existing mains powered street lights. This combined with the option for TMC hospital work crew to install the lighting themselves was the most cost effective option available compared to removing existing concrete foundations, and digging new concrete foundations suited to the GFS-200 solar street lighting systems.

→ 6 x GFS-200 solar street lights + hinged base plates // 6 x GUARDIAN-7 solar path lights

RESULTS

The TMC Housing maintenance crew installed the solar lights with minimal tools and didn't even require the instructions. The installation crew contacted tech support for a quick daytime test procedure and avoided coming back at night to verify their operation. **Vernon Thompson** said *"they were very impressed that it took less than one hour per GFS-200 to install and now he can plan better for the next phase of solar lights now that they know what it takes to install the Green Frog Solar lights."*

