



Nguyen Hue Walking Street, Ho Chi Minh City, Vietnam

City Cuts Irrigation Costs by 90% with New Rain Bird® Irrigation System

Nguyen Hue Walking Street has been at the heart of Ho Chi Minh City for hundreds of years. Recently, the Vietnamese government has transformed it into a bustling pedestrian street featuring a fountain, market, and vibrant nightlife. The 2.5 kilometer stretch of road is enjoyed by thousands of tourists nightly.

THE CHALLENGE

The existing irrigation system no longer works properly and requires an overhaul to meet the government's expectations. A more reliable system that offers remote management capabilities is needed for irrigation of the area's green spaces, including grassy areas and mature trees. The new system must also be versatile; designed to accommodate the watering of mobile planters that are often rearranged for special events.

THE SOLUTION:

Ho Chi Minh City is looking to Rain Bird, a global leader in high-quality, automated irrigation technology. The new system will include solutions for the permanent landscaping as well as components that can be easily disconnected for the mobile planters. Furthermore, integrating the control system with other government irrigation projects will enable officials to manage everything from one central location.



XFS Subsurface Dripline

Core Products Used:

- [XFS Subsurface Dripline](#)
- [ESP-LX Series Controllers](#)
- [IQ Central Control](#)
- [Root Watering System](#)
- [R-VAN Rotary Nozzles](#)

KEY OBJECTIVES

- ✓ **Specify High-Quality, Proven Products**
- ✓ **Irrigate Fixed and Mobile Landscaping**
- ✓ **Reduce Maintenance Costs**
- ✓ **Integrate With Existing Control System**



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APPROACH:

Keep It Versatile

The design will irrigate planters using **XFS Subsurface Dripline**, a high-quality product with no comparable substitute on the market. When planters need to be moved, city officials will be able to remove the individual connection to each pot without disrupting the entire irrigation system. While this type of dripline is typically used underground, the Rain Bird team will specify it here for above-ground application.

Water Permanent Landscaping

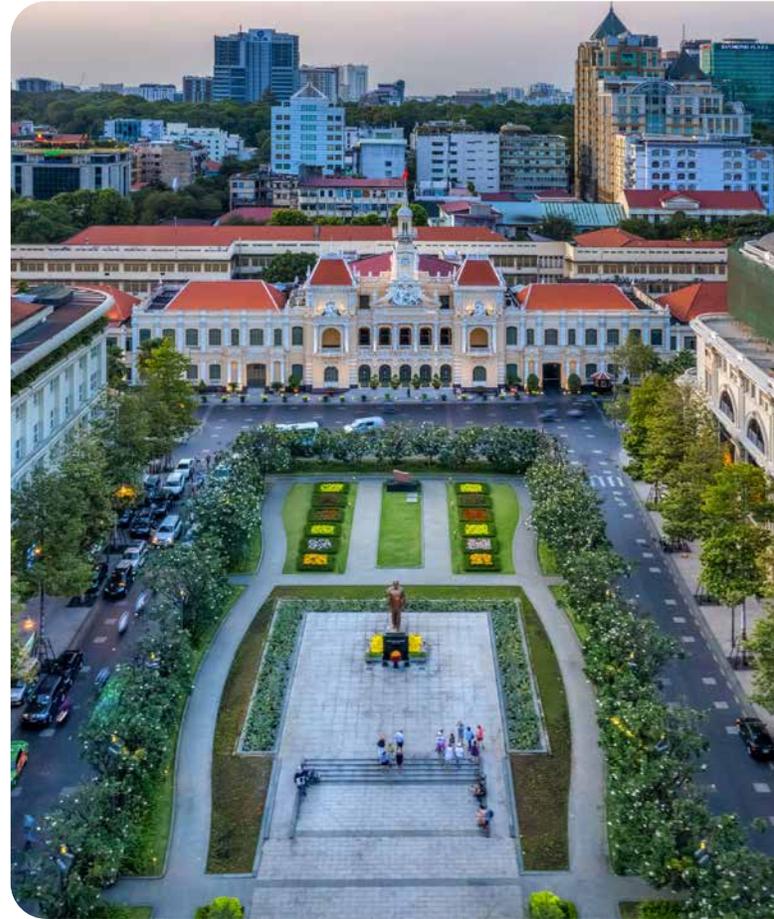
For the grassy areas, **R-VAN Rotary Nozzles** will save water while blending in seamlessly with the landscaping. The trees will benefit from Rain Bird's **Root Watering System (RWS)**, an efficient solution that waters individual trees underground. RWS will also help trees establish deeper roots so they don't fall down in bad weather during the rainy season.

Provide Convenient Control

ESP-LX Series Controllers will provide flow sensing and management capabilities.

ESP-LX Series Controllers are fully modular and enable customizable station capacity.

IQ Central Control technology will be used so the Vietnamese government can manage this irrigation remotely using the same system as their other Rain Bird projects.



RESULTS:

Higher Quality, Lower Cost

Nguyen Hue Walking Street is looking more beautiful than ever thanks to its high-quality Rain Bird system. During national holidays like Lunar New Year, the landscaping can be reconfigured to turn the street into a large garden. Afterwards, the planters are easily reconnected to the Rain Bird system for efficient watering. Most importantly, **the city has cut maintenance costs by 90%** compared to their previous irrigation methods. **The savings in just one year are enough to pay for their entire investment in the new Rain Bird technology.**

