

Case Study:

RKW+, Hybrid 3D-24, Wireless Valves



SPECIFICATIONS

BUSINESS FIELD

- LANDSCAPE & TURF
- GREENHOUSE, NURSERY & INDUSTRIAL
- AGRICULTURE
- GOLF



Retrofit using Tucor RKW+, Hybrid 3D-24, and Wireless Valves Brandon Regency Park, FL

Challenge

This site had an existing irrigation system that was abandoned by the previous contractor. The customer was renovating the Mall and wanted it to look like new again. The project required that we replace wires and bore under seven roadways. Additionally, we had 32 stations on two controllers that we wanted to combine.



"The combination of the Hybrid 3D and Nexus Wireless System saved me a lot of money and was up and running in no time. Easy to install and worked out of the box!"

-Chris Vernon
South Shore Landscape



Hybrid 3D-24



RKW+ 20" Stainless



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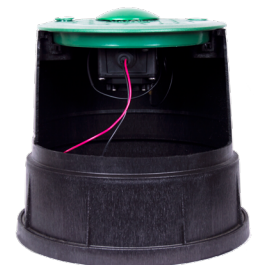
SiteOne® Landscape Supply Worked with Southshore Landscape

"The irrigation system at Regency Plaza has been an issue for many years. Renovations and additions made most of the existing wires unusable, and the property layout made installing new wiring to all valves nearly impossible. I reached out to Tucor for a solution. Tucor was able to propose technology that solved our problems without a single jack and bore. They were also available throughout the installation by phone for tech support.

Using an RKW+ controller, the Hybrid 3D, and Tucor's wireless valve technology, this system now operates 12 conventional zones, 18 2-wire zones, and 6 wireless zones from a single controller.

My customer is extremely satisfied with the final result and so are the owners of Regency Plaza."

-Bill Honeycutt, SiteOne Landscape Supply

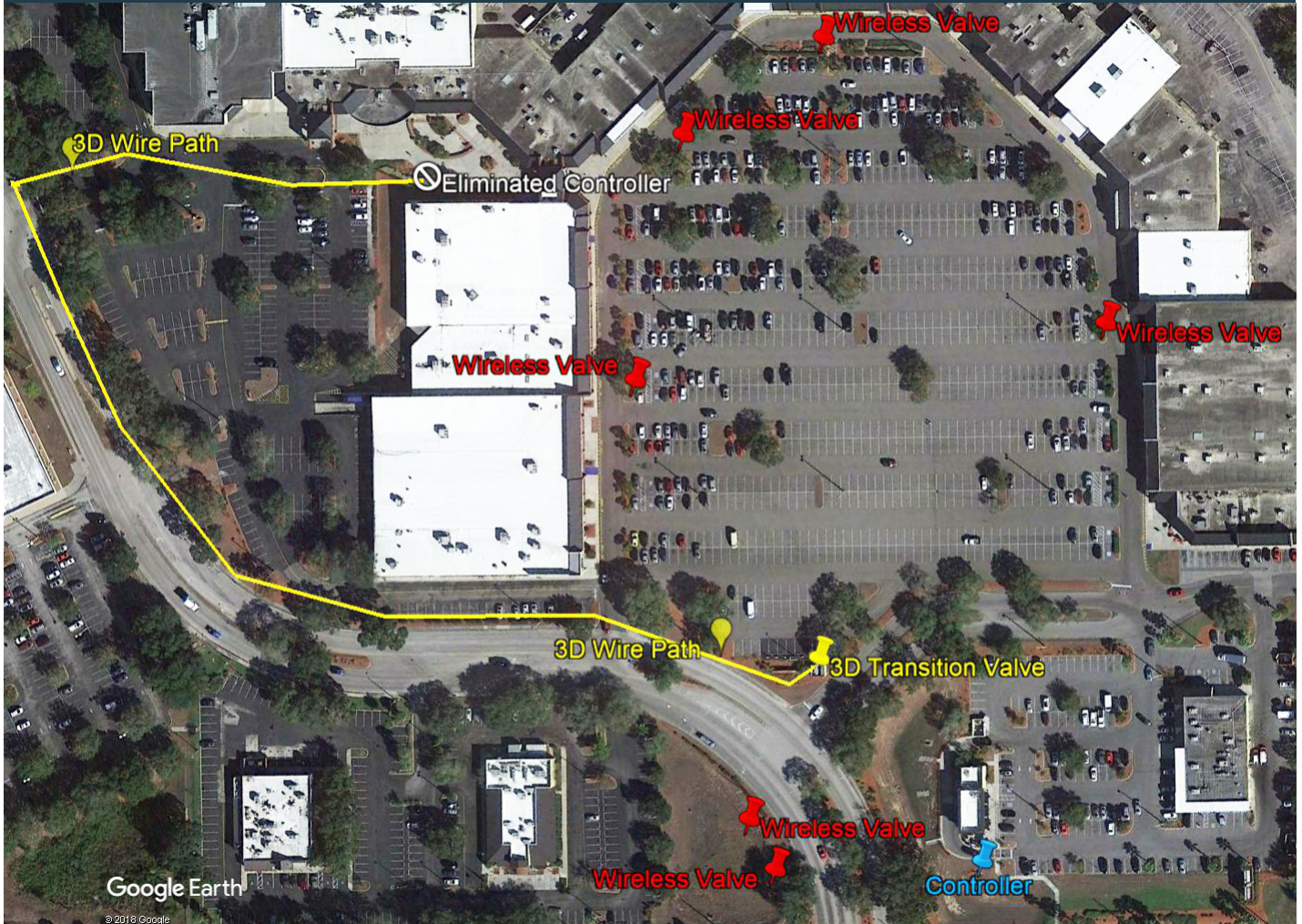


Wireless Receiver in Valve Box *cutaway

Answer

Tucor's Hybrid 3D-24 device utilizes existing inground wires to control valves; this technology converted a portion of the conventional wiring to 2-wire to bring back to the Tucor RKW+ controller, eliminating the need for the second controller. By incorporating the Hybrid 3D, we were able to use some of the existing valve wires to automate many failed valves. **Tucor's Nexus Wireless Control** devices use radio signals to activate DC latching solenoids. Using the Nexus Wireless valves, we automated six remote valves 400 to 600' from the controller (no boring).

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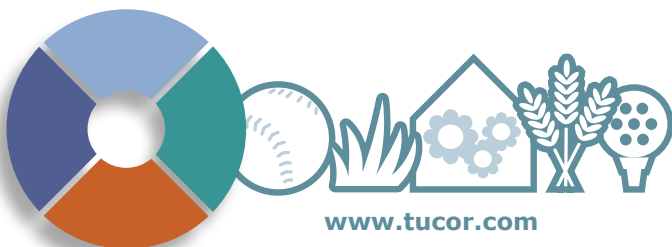


Hybrid 3D and Nexus Wireless Control Products will work with any controller

Photo Credit: Google Earth

Results

Using the RKW+ controller we now have 2-wire technology along with conventionally wired valves and Wireless valves all in the same controller. Tucor was able to solve the wire issues with the 3D, eliminate one controller with associated web fees, and connect six valves wirelessly all into one controller. These results were accomplished by eliminating the cost of boring and eliminating the need to run thousands of feet of new wires.



www.tucor.com

The Hybrid 3D is protected under U.S. Patent 5839658

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