

possible, are run under pipe for maximum protection.

Controllers, available in stainless steel or plastic key-lockable pedestal versions, permit control of up to 100 stations (plus a pump/master valve) from a single controller. From the controller, a single twisted pair of wire is run through the area to be irrigated. A decoder is spliced into the two-wire path. Decoders, in turn, are connected to their solenoids and additional decoders are spliced in as needed.

When the controller turns on a station, it sends power down the twisted wires along with a digital signal specific to a particular decoder. As the decoder hears its own signal, it applies voltage to the solenoid and communication from controller to the field is complete.

Of course there is the obvious benefit of being able to control and adjust irrigation in the field from a single location. Also, up to 65 programs can be stored in the controller's non-volatile memory allowing the system to water massive irrigation schedules.

With such a high capacity controller, your complete system will require fewer controllers to operate all of your sprinklers without giving up local access (in view of your plants) that field controllers provide. Plus, the two-wire decoder path also makes retrofitting new stations after the initial installation a snap – just snip the wires and splice in another decoder.

As a decoder is actually a simple switching device, there are many functions that it can perform for the benefit of the



Projects that can benefit from a decoder irrigation system include:

- School and Industrial Campuses
- Parks and Cemeteries
- Town Centres, Urban Plazas and Shopping Malls
- Businesses with Branch Locations
- Apartment Buildings and Condominiums
- Large Residential Estates and Homeowner Associations
- Sports Field Complexes

In addition to the standard four independent programs, two other distinctive programming options are available. One is blocks, from where 2-8 stations can all be turned on at once and irrigated together. The other is presets, custom programs created to perform special applications only run when instructed from the keypad.

operator. For example, rain sensors and/or moisture sensors as well as flow sensors can be installed. The latter are particularly useful in shutting down the system if there is a water restriction or a pipe break.

Finally, decoders can operate gates, lights and any other security applications on the park site. ♦



STA NEW MEMBERS

Welcome Aboard!

Garry Durnan, Geoff Freshwater & Jason Rennick
Town of Ajax, ON

Dave Magee
Bishop Seeds Limited
Belleville, ON

Mike Thrane
Dol Turf Restoration Ltd.
Bond Head, ON

Ed Almeida
City of Kingston, ON

Tanya Steffler
City of Oshawa, ON

George Barnes
Haldimand County
Dunnville, ON

Rick Reeves
City of Barrie, ON

Steve Hambleton
Town of Oakville, ON

Jed Beatty
District of West Vancouver, BC

Randy Carmichael
City of Belleville, ON

Doug Fisher
City of Saskatoon, SK

Jason Harris
Plant Products Co. Ltd.
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