

Info Corner

The Parkway Team Out and About Town

Over the past few months members of the Rt. Hon. Herb Gray Parkway Team have been out and about attending various events in the community. Below are just a few snap shots.

Here is what's been happening within the corridor:

Since spring 2011, the project team has completed nearly 1.5 million hours of work.

Pile driving has been completed for 13 of the 25 structures that require piles .

Embankment construction on both sides of Malden Road between Chappus Street and Matchette Road is underway.

Construction is in progress for Diversion 11 (Geraedts Drive), Diversion 16 (tie-in between Highway 3 and existing Highway 3 West of Howard Avenue), E.C. Row Expressway and Highway 401 Diversion (from west of North Talbot Road to the intersection of new and existing Highway 3).

Realigned Highway 3 will be opened in spring 2013.

Structure construction on Bridges 10 (west of St. Clair), 11 (west of Howard Avenue), 9 (east of Huron Church Line), 8 (east of Pulford Street), 7 (Labelle Street and Lambton Road) and Tunnels 2 (Labelle), 3 (Grand Marais), 4 (Pulford), 5 (Oakwood), 7 (Villa Borghese), 8 (Geraedts), 10A/10B (Hearthwood) and 11 (Oliver Estates) is ongoing.

Excavation for tunnels 10A (Hearthwood Tunnel), 6 (Todd/Cabana Tunnel) and 8 (Geraedts Tunnel) is ongoing.

Excavation works for future Highway 401 are ongoing between Oakwood Tunnel (T-5) and Huron Church Line.



The Parkway booth at the Federation of Canadian Municipalities conference held in Windsor - February 2013



United Way events held at Foolery's and Silver Tee Golf Centre.



**"WE Climb for United Way!"** Two Parkway teams participated in the United Way iClimb event held in February 2013. The teams climbed over 1000 steps or 100 flights of stairs to raise money for after school programs funded by United Way.



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## Tunnel Innovations for Emergency Service

The design of the Rt. Hon. Herb Gray Parkway includes underground and above ground hydrant connections for fire crews in the case of a fire. This is a first for Emergency Services here in Windsor as these types of water connections have only existed in airports. Other highway projects have underground hydrants but not as sophisticated as the ones designed for the Parkway.

For the Parkway design team, this meant many hours of consultation with EMS personnel to ensure that the ergonomics are correct and all firefighters are able to connect to the water source during an emergency. For the past six months, Parkway designers and EMS personnel have worked on a special attachment piece that will connect the water source underground to the hoses carried on the fire trucks.

The result is the TFT 90 Deg Quick Connect elbow with extended coupling. Each fire truck will carry a Quick Connect and specially developed ratchet wrench that each firefighter on the Windsor, LaSalle, and Tecumseh fire services will be trained on. Their training includes how to remove the manhole cover, attach the fitting, open the valve, and quickly connect the hoses.

The TFT 90 Deg Quick Connect elbow with extended coupling is made of cast aluminum and is lightweight and easy to manoeuvre with the incorporated carrying handle. It's another first for the Rt. Hon. Herb Gray Parkway.



## People Profile

### Meet some of the team

The Rt. Hon. Herb Gray Parkway is creating and supporting jobs across the region and helping to stimulate our local economy. Design and construction of the Parkway is also providing training for people in our community and creating unique partnerships. This month we are pleased to feature two staff members that grew up in the same neighbourhood that now have the opportunity to work together on the Parkway.

#### Q. What is your name and position?

Jill Murphy (JM), Accountant, Parkway Infrastructure Constructors (PIC)

Casey Carriere (CC), Quality Control Coordinator

#### Q. Where are you from?

JM - Windsor, Ontario

CC - LaSalle, Ontario

#### Q. What type of work are you doing on the Rt. Hon. Herb Gray Parkway project?

JM - I work with PIC's finance department. I assist with the accounts payable process and help complete month-end closing entries to our financial statements.

CC - As a coordinator, I implement inspection and testing plans required to build a quality project conforming to design, specifications and relevant standards.

#### Q. How long will you be working on the project?

JM/CC - Until completion of the Parkway.

#### Q. When people find out that you are working on the Parkway project what do they typically say?

JM - Friends and family usually comment on how the work must be both interesting and challenging.

CC - They usually ask how the project is progressing and if any additional diversions are going to be built.

#### Q. What has been the most rewarding part of your work on the project so far?

JM - Establishing a new professional network of people that I enjoy working with daily.

CC - The most rewarding part has been working with some of the smartest and most construction savvy people in Ontario and abroad.

#### Q. Do you have anything else you would like our readers to know about your experience working on this project?

JM - I would like readers to know that it is a really busy place to work but the work is rewarding.

CC - I would like readers to know that the multicultural aspect of the project is great and the experience gained on the project is priceless.

Casey Carriere and Jill Murphy attended St. John's grade school together as kids and are now working together on the Parkway.



## Overnight work on the Parkway

Work on the Rt. Hon. Herb Gray Parkway is not limited to daytime hours. For many of the sub-contractors working on the Parkway, crews are out 24 hours a day prepping sites and making sure work can continue the next day.

Once the daytime work crews are finished, supervisors of each area of construction take note of the work completed for the day, inspect plans and schedules, and take information back to their supervisors to discuss work that will happen the next day. Typically these activities happen between 6 pm and 11 pm.

This information is fed back into the project scheduler for each sub-contractor and they determine what machines and employees are needed the next day.

Now it's time for the overnight crews to get to work. Each crew moves from site to site on either a maintenance truck, a fuel truck, or a float truck. The maintenance truck visits the sites where repairs or inspections are needed. Their trucks are stocked with tools and extra service parts (filters, fluids, lubricants) that are needed on site and they are able to fix and service any issues within a certain period of time.

Fuel trucks visit the construction site to refuel all the heavy equipment and ensure they are in running order for the next day. Fuel is handled according to environmental standards and is brought in from Tilbury by Jack Smith Fuels.

Float trucks are a unique aspect of the project. Float trucks are flat bed trailers that are hooked up to a transport truck cab. They are able to carry seventy-five tonnes of equipment (or the equivalent of 16 full grown Asian elephants) in some cases, can fit up to two excavators, one rock truck, or three bulldozers. These trucks are only able to access sites from a specific location. Kind of like a drive thru, they enter at one end and exit at another. The equipment is loaded or unloaded in a location close to the roadway where the operators can access it first thing in the morning.

So the next time you see activity taking place between 10 pm and 5 am, this is likely what is happening. Crews prep and place equipment through the night to make sure that work can continue uninterrupted the next day.

## Partnerships with St. Clair College

In 2012, the Parkway team partnered with the students and professors of the Tradigital Animations and MediaPlex programs from St. Clair College. The partnership has resulted in some amazing products that help to educate drivers of all ages on how to safely and properly navigate the Parkway multi-lane roundabout.

The creative Tradigital Animation team developed two animation videos that guide viewers through the multi-lane roundabout, indicating how to properly approach, enter and exit the roundabout, as well as what to do when encountering an emergency vehicle. The animation videos are a great tool for young drivers looking to learn more about safe roundabout navigation and will have viewers feeling slightly nostalgic with their use of memorable cartoon art.

If an in-car view of the multi-lane roundabout is what you're interested in, the innovative team of students and professors from the MediaPlex Journalism and New Media program are your people. The MediaPlex team produced three public service announcement videos that guide viewers, in car, through the safe and proper navigation of the Parkway multi-lane roundabout. Filmed directly on the Parkway roundabout, the videos educate drivers on:

- proper signalling
- right of way
- encountering an emergency vehicle.

The different roundabout education tools developed by St. Clair College students and professors are available online at:  
[www.youtube.com/hgparkway](http://www.youtube.com/hgparkway).

## Building Infrastructure, Building Community

Special Feature by: Patricia Gangnon, Associate Director Resource Development, United Way Windsor-Essex County

While the highly visible Rt. Hon. Herb Gray Parkway has been taking shape, our community has also seen a resurgence in involvement from the local construction industry. Partners associated with the Parkway have joined together to help ensure a stronger and healthier community, through their support to the United Way of Windsor-Essex.

Rob Petroni, Business Manager of LIUNA Local 625, stepped forward to lead the overall United Way campaign for Windsor-Essex, with a goal in excess of \$5 million for the 2012 campaign. LIUNA has provided significant support through sponsorships and special events, for a total of \$37,300. The recent raffle of a Harley Davidson bike also raised an additional \$37,620.

The Windsor Essex Mobility Group (WEMG) and Parkway Infrastructure Constructors (PIC) joined together to lead a workplace United Way Campaign, and held a formal kick-off event at their offices on Huron Church Road. They invited their own staff members, as well as sub-contractors, LIUNA, IUOE, the Ministry of Transportation and Amico.

Senior staff members from WEMG and PIC organized the event and took to the BBQs to serve guests in attendance. During the event, a guest speaker from United Way spoke to employees about the value of an investment in the United Way, with particular focus on neighbourhood engagement. Through this event, along with their own corporate support, workplace campaigns and a special community event at Silver Tee Golf Centre, a total of \$10,470 was raised.

In total, thanks to the generosity of our local construction industry, just over \$101,650 has been raised for the United Way campaign.



## Upcoming Events

Canada South Science City  
 March 30, 2013  
 Engineering Day - Free Admission

The Windsor-Essex Engineering Week Committee is hosting a free weekend at Canada South Science City. Stop by to explore all they have to offer and be sure to visit the Parkway exhibit located on the second floor.

Canada South Science City is located at 930 Marion Avenue in Windsor. For more information call 519-973-3667. ■



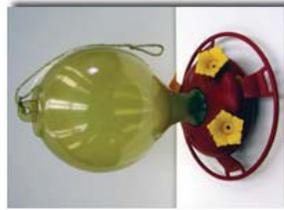
Scan the barcode with your smart phone to refresh your knowledge on how to use the Parkway multi-lane roundabout. If you don't have a smart phone, visit [www.youtube.com/hgparkway](http://www.youtube.com/hgparkway).



### Hummingbird Feeders

A good way to help the planet and feed hummingbirds is to recycle materials from your house to make a feeder.

Here are the plans for a bottle hummingbird feeder. There are lots of other ways you can recycle materials to make feeders. Be creative and come up with your own design!



#### MATERIALS NEEDED:

- A small, clean plastic soda or water bottle with cap
- A small, clean deli container
- A hammer and a large nail
- Instrument to cut plastic
- Red enamel paint
- A small paintbrush
- 20 - 40 inch piece of thin bendable wire
- ½ cup of white sugar
- 2 cups of water
- A pot for heating water

#### HOW TO MAKE THE FEEDER:

1. Hammer the nail into the centre of the cap to make a small hole. Remove the nail.
2. Make a large hole in the centre of the deli container. The hole should fit snugly around the mouth of the bottle.
3. Make four small holes in the deli container for feeding stations.
4. Turn the lid over and make sure there are no sharp edges that the hummingbirds may cut their tongues on.
5. Decorate the bottle and container with the red enamel paint.
6. Wrap the wire around the body of the bottle.
7. Twist the tail end of the wire together so you have a loop.

#### HOW TO MAKE THE NECTAR:

1. Bring the 2 cups of water to a boil.
2. Add the sugar and stir until dissolved.
3. Boil the sugar water for 2 minutes.
4. Take the sugar water off the heat and let it cool.
5. Pour some of the sugar water into the bottle.
6. Fit the lid of the container over the mouth of the bottle and screw on the cap.
7. Pour some of the sugar water into the deli container.
8. Place the lid securely on the container.
9. Put leftover sugar water in the refrigerator.
10. Hang your feeder from a hook or nail on your balcony or in your garden.
11. Replace nectar as hummingbirds finish it or every 2-3 days so it does not turn sour.
12. Clean the feeder with warm water and a scrub brush.

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- 1-877-937-5929
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- [www.youtube.com/hgparkway](http://www.youtube.com/hgparkway)

There are many ways to stay up-to-date

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