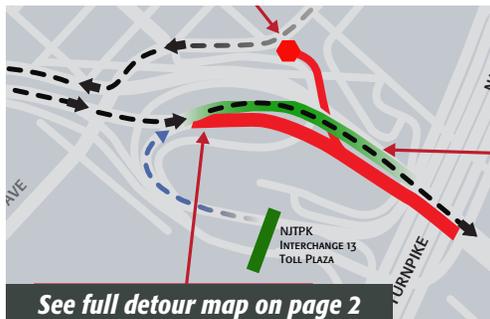




Delivering Project  
Excellence through  
Quality Assurance



## Temporary Goethals Bridge Access Change For Staten Island- bound Traffic

In late 2014 or spring 2015, motorists traveling eastbound to Staten Island will be re-routed as the Goethals Bridge Replacement construction proceeds. Those traveling from Cole Place will be detoured onto an I-278 U-turn, while motorists exiting NJ Turnpike at Interchange 13 will be diverted on to a new temporary ramp to the Goethals Bridge.

*(Continued on p.2)*

## KS Engineers, P.C. Selected to Provide Critical Services for the Goethals Bridge Replacement Project

### *KS Engineers – A Disadvantaged Business Enterprise*

As part of the Goethals Bridge Replacement Project, The Port Authority of NY & NJ and NYNJ Link LLC, the project's developer, and its design-build contractor Kiewit-Weeks-Massman, a Joint Venture, are providing opportunities for certified Disadvantaged Business Enterprise (DBE) companies to work on the project. On July 15, 2014, The Office of Federal Contract Compliance Programs (OFCCP) held a Linkage Fair for the Goethals Bridge Replacement Project at 26 Federal Plaza, New York, N.Y. to recruit women, minorities, veterans, and individuals with disabilities. Organizations that attended this event included Kiewit-Weeks-Massman, Non-Traditional Employment for Women, Urban League of Hudson County, Helmets to Hardhats, and the New Jersey Institute for Social Justice.

From time to time, the Goethals Bridge Replacement Project newsletter will feature contracted DBE firms. The Summer 2014 edition highlights KS Engineers, P.C. (KSE).



KSE is a professional engineering, survey, and construction management firm contracted by The Port Authority of NY & NJ and NYNJ Link Developer LLC to be a lead consultant for the Goethals Bridge Replacement Project, providing independent construction Quality Assurance and Construction Engineering and Inspection services.

*(Continued on p.2)*

## KS Engineers Selected

(continued from p.1)

As a result of successfully managing these daily responsibilities, KSE has helped to ensure the highest possible standards of workmanship, materials quality, and safety at the job site.

KSE CEO and founder Kamal Shahid, P.E. said, "KSE is proud to be an integral part of this iconic project. As the lead provider of construction quality assurance, construction engineering and inspection services, KSE plays a critical role in ensuring that the new Goethals Bridge is built to the highest quality so that it serves the region for generations to come. For the developer, KSE's efforts will ensure maximum value for their investment, a critical part of a successful public-private partnership model."

KSE is a certified DBE and Minority Business Enterprise firm with offices

in New Jersey, New York, Pennsylvania, and Connecticut. KSE provides a variety of services, including civil engineering; structural engineering; geotechnical engineering; construction management and inspection; landscape architecture; and survey and mapping services. KSE was founded in 1991, by Kamal Shahid, P.E., in New York City. KSE has grown from a small firm to a highly reputable mid-sized, full-service civil/structural engineering firm employing a full-time staff of over 200 people.

**KSE plays a critical role in ensuring that the new Goethals Bridge is built to the highest quality so that it serves the region for generations to come.**

## Temporary Goethals Bridge Access Change (continued from p.1)

There are three elements to this traffic pattern change:

1. Construction of a temporary U-turn on I-278 in Linden, N.J. that will transfer traffic westbound to eastbound.
2. Construction of a temporary crossover ramp for I-278 eastbound to the Goethals Bridge. This means a temporary detour near New Jersey Turnpike Interchange 13.
3. Closure of eastbound I-278 local ramp at the eastbound Goethals Bridge entrance from New Jersey Route 439 (Cole Place), near Brunswick Avenue. Eastbound I-278 Traffic from Elizabeth, N.J. will be re-routed to the newly constructed temporary U-turn.

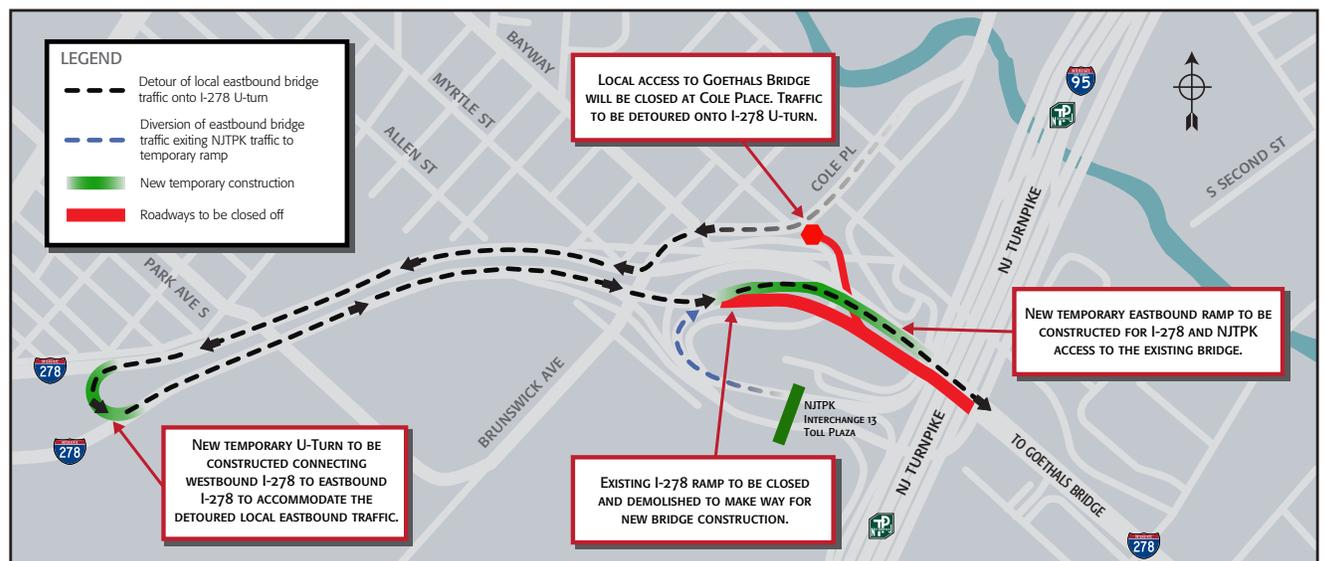
After the new ramp and roads are open, they will remain in use for approximately two years until the traffic is re-routed onto the eastbound Goethals Bridge structure. In advance of the changeover, some minor traffic disruption is anticipated as road crews put barriers and signs in place [see *detour map below*].

The temporary approach ramp is an important component at this stage of the Goethals Bridge Replacement Project and will permit significant bridge construction work to proceed.

*(This article and the accompanying detour map have been updated as of August 27, 2014. All other information remains the same.)*

### GOETHALS BRIDGE TEMPORARY RAMP DETOUR

FALL 2014



# Construction Q&A:



## **Q: Why are the temporary roads being built?**

**A:** The temporary roads on I-278 are being built in order to prepare for the transition of traffic from the existing Goethals Bridge to the Replacement Goethals Bridge Project (GBRP). The existing eastbound Goethals New Jersey Turnpike Authority overpass will be demolished, and all eastbound traffic will be diverted to a new temporary ramp that will merge with the current westbound overpass. The temporary roads will create a new traffic pattern that will allow vehicles to continue using the Goethals Bridge as the GBRP construction gains momentum.

## **Q: Will the new traffic pattern cause congestion? Will commuting times be lengthened?**

**A:** Once the new traffic pattern is in place, we do not anticipate significant traffic disruptions or lengthened daily commutes. Close coordination with the New Jersey Turnpike Authority, New Jersey Department of Transportation, and the City of Elizabeth

on design, planning and research has resulted in a comprehensive traffic management plan to smoothly transition traffic for the duration of the Goethals Bridge Replacement Project.

The Port Authority will provide traffic updates through its website and on social media to keep the public informed.

## **Q: Will there be any road or traffic flow changes on the New York side of the bridge?**

**A:** Traffic flow changes are not anticipated for New York.



## **Contact Information**

- ▶ Visit [www.panynj.gov/GoethalsBridgeReplacement](http://www.panynj.gov/GoethalsBridgeReplacement)
- ▶ Follow us on Twitter @PANYNJ
- ▶ Email [GoethalsBridge@panynj.gov](mailto:GoethalsBridge@panynj.gov)

## Goethals Bridge Webcam

Want to stay current on the Goethals Bridge Replacement Project?  
View progress via a construction webcam available on the Port Authority website:  
<http://www.panynj.gov/GoethalsBridgeReplacement>.



*Southeast view towards Staten Island*



*Southwest view towards New Jersey*

Select a date and time from the archive to see what happened on the construction site that day, or choose your favorite image and share with friends via email, Facebook, and Twitter. Images are updated and archived every 15 minutes, with a 24-hour delay.

## Goethals Bridge Construction: Quick Facts

- Current estimates are that the replacement of the Goethals Bridge will require:
  - 95,000 cubic yards of concrete, enough to fill 30 Olympic-sized swimming pools
  - 14,000 total tons of rebar steel, which weighs about the same as 848 standard city buses
- 14 million cars pass over the Goethals Bridge (eastbound to New York) each year.
- The Goethals Bridge is named in honor of Major General George Washington Goethals, Chief Engineer of the Panama Canal. Goethals directed the Canal's engineering work from 1907 through its successful completion in 1914, two years ahead of the target date.

