

Introductions

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION, DISTRICT 11-0

Kenmawr Bridge Replacement Project SWISSVALE AND RANKIN BOROUGHES



▶ Kenmawr Bridge – Existing Conditions



Project Team

- John Myler – PENNDOT D-11 – Construction (A.C.M.)
- Derek Derr – PENNDOT D-11 – Inspector In Charge
- William Siess – SAI Inc. – Consultant Project Manager
- Stephen Raffa – Golden Triangle Construction – P.M.
- Eric Klimas – Golden Triangle Construction – Senior P.M.

Project Overview

This project is for the reconstruction of the aging Kenmawr Bridge over Norfolk Southern Railroad in Swissvale and Rankin Boroughs along with the upgrading of the associated roadway, drainage, curbs, sidewalks, traffic signals, street lighting and other necessary upgrades.



Utility Relocation Work

The project requires significant public and private utility relocation work from the following entities:

- Duquesne Light Company
- Comcast
- DQE Communications
- Century Link/Level 3
- Verizon
- Peoples Natural Gas, LLC
- Wilkesburg Penn Joint Water Authority
- Rankin and Swissvale Borough (Sewers)

*** *These Utilities may cause intermittent traffic stoppages to perform their required utility relocation work, from time to time.***

Phase 1 (January 2020 – Late May 2020)

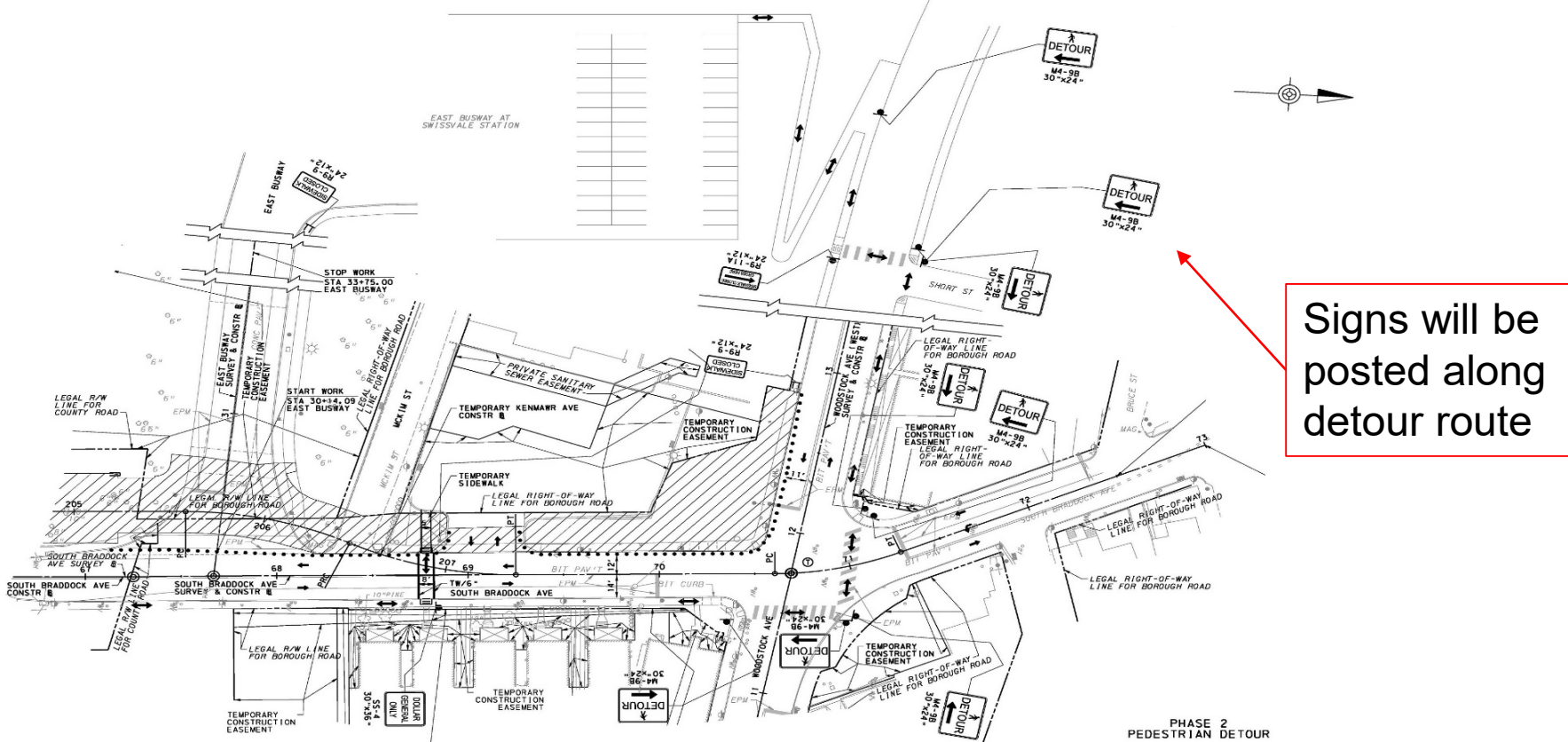
- Sixth Avenue closure and detour
- Pedestrian Detours (Signs will be posted to direct pedestrians)
- Jackson Street at Hawkins Village - temporary access road work
- Demolition of homes and business

➤ Phase 2 (April 2020 – Late June 2020)

- Construction of temporary bridge abutments
- Construction of temporary roadway embankment
- Construction of a retaining wall at Dollar General
- Paving of temporary Jackson Street at Hawkins Village
- Assembly / Launching of Temporary Bridge for vehicular and pedestrian use
- Closure of East Busway Entrance to vehicles and pedestrians at South Braddock Avenue

Posted Pedestrian Detour Route

- Pedestrians whose destination is the East Busway station will be redirected to the Woodstock Avenue entrance.

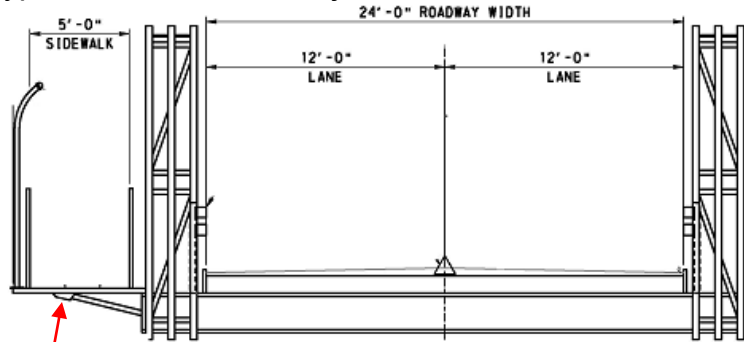


Signs will be posted along detour route

PHASE 2
PEDESTRIAN DETOUR

“Typical” Temporary Bridge

Typical for Kenmawr Project



Temporary Bridge will have a 5-ft sidewalk to maintain pedestrian traffic

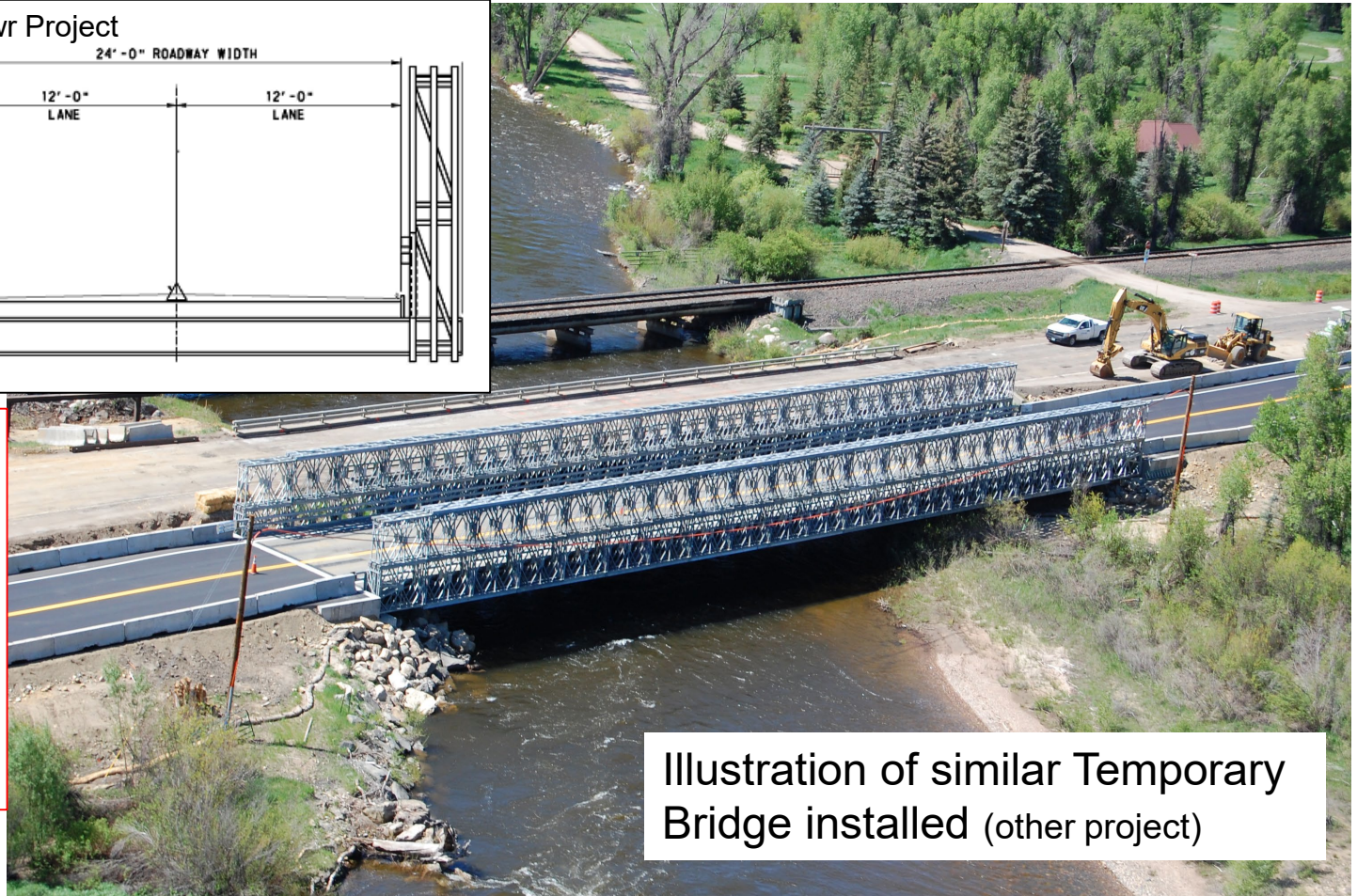


Illustration of similar Temporary Bridge installed (other project)

➤ Phase 3 (July 2020 – one weekend only)

- During the weekend closure, all vehicular traffic will be detoured between Woodstock Avenue and the Hawkins Village/Fifth Avenue intersection while temporary roadway tie-ins are constructed from existing South Braddock/Kenmawr Avenues to the new temporary bridge. Vehicular and pedestrian traffic will be diverted to the new temporary bridge early Monday morning prior to 5:00 A.M.
- Roadwork and Paving to Re-Align South Braddock onto Temporary Bridge
- After the weekend closure, South Braddock Avenue will remain open until the 45 day closure in April 2021
- Pedestrian Access through the project will be maintained at all times

▶ Phase 4 (July 2020 – April 2021)

- Demolition of the existing Kenmawr Bridge
- Reconstruction of the Kenmawr Bridge (Piling foundations, concrete foundations, steel bridge beams, concrete bridge deck (with sidewalk)).
- Roadway Drainage, curbs, sidewalks, paving
- Vehicular and Pedestrian Access through the project will be maintained at all times.

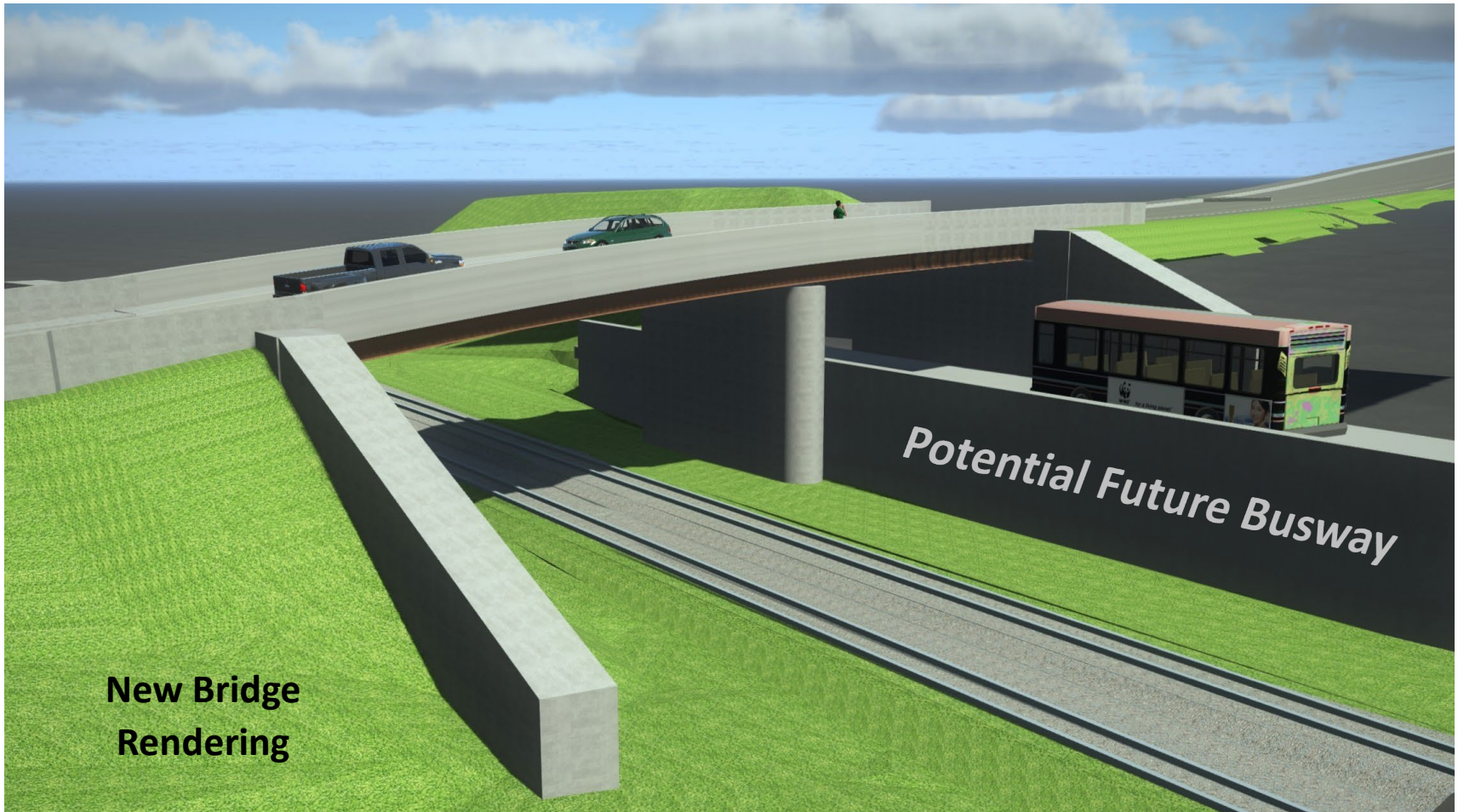
Phase 5 (November 2020 – June 2021)

- Includes a 45 Day Closure:
 - Spring of 2021(Subject to change)
 - South Braddock Avenue Detour will be posted and in effect for the duration of this closure.
- Bridge Approach Slabs, Drainage, Curb required to tie the new Kenmawr Bridge into the newly constructed approaches on South Braddock Ave.
- Pedestrian Access through the project will be maintained at all times

➤ Phase 7 (July 2021 – September 2021)

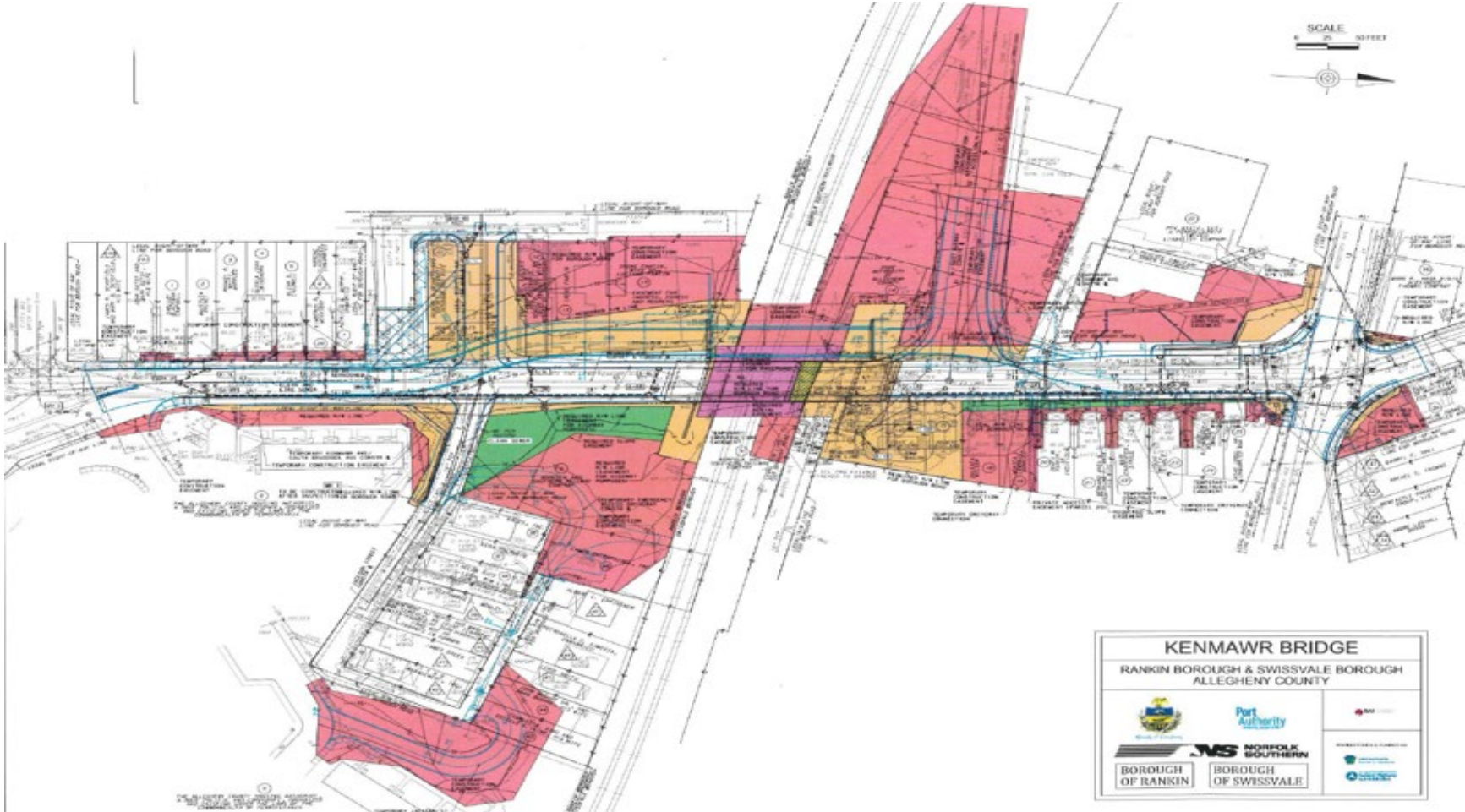
- Complete remaining sidewalk work
- Final paving work
- Install decorative cross walks at Woodstock/South Braddock intersection

▶ Rendering – Looking Northwest



**New Bridge
Rendering**

Project Overview



KENMAWR BRIDGE
RANKIN BOROUGH & SWISSVALE BOROUGH
ALLEGHENY COUNTY

BOROUGH OF RANKIN **BOROUGH OF SWISSVALE**

▶ Additional Project Information & Questions

- Further project information can be found at www.PennDOT.gov/District11 by clicking on the Public Meetings link under the District Links heading, picking the Allegheny County box, and then choosing Kenmwar Bridge Replacement tile.
- All questions or customer concerns pertaining to the project can be sent through the following - <https://customercare.penndot.gov/>



▶ E-Mail Notifications & 511PA

- To help keep motorists informed as work progresses, PennDOT has created an email distribution list for the Kenmawr Bridge traffic advisories and construction updates. Enroll by sending email addresses to stcowan@pa.gov. Please write "Subscribe – Kenmawr Bridge" in the subject line.
- Also, motorists can check conditions on more than 40,000 roadway miles, including color-coded winter conditions on 2,900 miles, by visiting www.511PA.com.
- 511PA, which is free and available 24 hours a day, provides traffic delay warnings, weather forecasts, traffic speed information, and access to more than 950 traffic cameras. 511PA is also available through a smartphone application for iPhone and Android devices, by calling 5-1-1, or by following regional twitter alerts accessible on the 511PA website.



Travel Info to Go

