

The INTER-SECTION

September 2015



Bedford Heritage Trail Tour and Dinner

Wednesday, October 14, 2015, 5:00 pm

Event Details

Meet at the trail head at 5:00 pm

Tour will end at 6:00 pm

Dinner at Omni Bedford Springs Hotel at 6:15 pm

(\$28 - Entree of Your Choice)

Cash Bar Available

**Please RSVP to Jessica Urbas at
jurbas@pa.gov by October 7th
to reserve your spot and meal choice**

Reservations made and not honored will be invoiced

Dinner Menu

Tavern Burger

8 oz burger From Souderton, PA / Mixed Greens /
Tomato / Cheddar Cheese / Brioche Bun
House Chips

-or-

Chicken Salad Sandwich

Poached Chicken / Toasted Pecans / Red Grapes /
Garlic Thyme Aioli / Whole Grain Bread
House Chips

-or-

B.L.O.T

Thick Cut Nueske Bacon / Bibb Lettuce / Tomato /
Caramelized Onion Aioli / Toasted Sourdough
House Chips

Dessert: Chocolate Cheesecake Pops

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Beverages: Iced Tea and Water

## Tour Information and Area Map



The beautiful Omni Bedford Springs Hotel

### Tour Details

We will walk along the newly constructed portion of the Bedford Heritage Trail that connects Bedford Borough with the Bedford Elks and the recently renovated Omni Bedford Springs Hotel. The trail is approximately one mile long and includes two composite pedestrian bridges, a switchback, and up-close views of one of PennDOT's wetland banks.

Parking is available at the Springs. The Springs offers valet parking or you may park at the rear of the hotel and walk to the trail head.



# U.S. 219 Somerset to Meyersdale Tour Highlights

On September 2, we grabbed hardhats, jumped into 4x4's, and headed to the project for a narrated tour of the construction site.

## Project Overview

The second contract of the new, 10-mile four-lane limited access highway is currently underway, and participants were lucky to enjoy a narrated tour while traversing the construction site viewing the progress and hearing the design and construction challenges from the project team.

The U.S. 219 project is one of three sections necessary to complete a four-lane corridor and provide a limited access linkage between Somerset and Maryland. The total construction cost is estimated at \$265 million.



## Project Contracts

In 2013, two advanced contracts were let to complete the timber removal and mine void grouting. For bidding purposes, the project was split into three contracts: earthwork and drainage, structures, and paving. The earthwork and drainage contract was awarded to low bidder, Joseph P. Fay on July 25, 2013 in the amount of \$110,648,000. The contract includes roadway grading, excavation, four box culverts, modifying an existing structure, an on-site wetland



mitigation area, relocation of several local roads, and construction of a new interchange. Currently, the contract is 95 percent complete and the grading is anticipated to be completed by the end of the year.

The structures contract was also awarded to Joseph P. Fay, the low bidder, on October 24, 2014 for \$67,482,964. The contract includes five sets of dual structures and grading of a one-mile section. Several of the small structures are nearing completion, with the overall contract anticipated to be complete in the summer of 2017.

The paving contract is scheduled for a January 14, 2016 let.



## Design Challenges

- Right-of-way
- Threatened and endangered species
- Permitting

## Project Highlights

- 10 million cubic yards of excavation
- 5 million cubic yards of waste
- 5 new dual structures
- At 218 feet high, the 1,100 foot-long, 5-span Buffalo Creek Bridge will be the highest structure in District 9-0
- A 3-span, 714-foot long structure over Swamp Creek
- 3 single-span structures
- 2 new interchanges
- 4 box culverts
- Modifications to 1 interchange and 1 dual structure



## Dinner

Those attending the tour also enjoyed a delicious buffet dinner at the Morguen Toole Company.

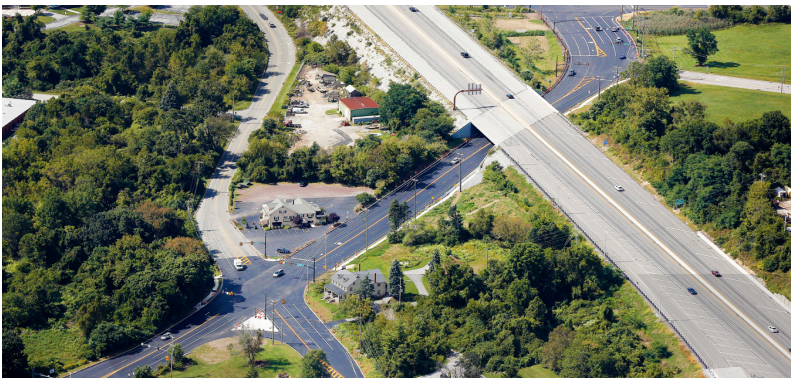
*Enjoying a post-tour dinner at the artsy Morguen Toole Company*



# Builder's Club of the Month



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# Builder's Club of the Month Showcase Article



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## PA 581: Challenge Accepted

Prepared by: Matthew Hickson, P.E.  
Prepared on: August 27, 2015



Before



Precast steel beam / concrete deck sections constructed off-site



After

**FOUR WEEKENDS.** This accounts for the amount of time taken to completely replace the structurally deficient Route 581 Bridge over 10th Street in Lemoyne Borough (Cumberland County). For this project Traffic Planning and Design, Inc. (TPD) worked with contractor J.D. Eckman, Inc. Construction to deliver the project via design-build. The original three-span superstructure was built in 1985 and is a mainline interstate highway bridge.

The heavily-traveled state route filters motorists into and out of Harrisburg and carries approximately 86,000 vehicles per day. Due to its high importance, TPD knew we had to come up with a solution that would dramatically reduce impacts to the surrounding areas, while continuing to allow traffic to pass to and from the State's capitol. An accelerated design-build replacement was the only solution we knew would fit the bill. Per Leslie Richards, PennDOT Secretary, this solution ended up **"saving motorists roughly a year and a half of full-time traffic disruptions."** Construction caused only "manageable backups during the peak weekend hours," and that traffic along the detour flowed smoothly for the most part.

TPD's structural design services included the design of precast steel beam/concrete deck sections constructed off-site, just a short distance away. These sections were transported and erected into place, and completed with accelerated closure pours and latex modified concrete overlay finishing. Traffic control design included development of directional interstate weekend closures, including detour signage, in-depth community outreach, and development of an incident management plan. This complex accelerated bridge replacement was completed over various weekends in June/July 2015.

For a short time-lapse video of the superstructure replacement, visit TPD's YouTube channel at: <http://bit.ly/1ERSV6Q>

TPD is a 90-member transportation engineering firm serving the Mid-Atlantic region, with offices across PA and NJ. In addition to providing structural design and inspection services, TPD also provides the following services to our clients: transportation planning and permitting; traffic signal and system design; construction management and inspection, highway design, complete streets and trail design, as well as environmental services and permitting. We are currently looking to build our most valuable asset-our workforce. TPD is hiring in various locations for an array of positions and have openings listed on our site at: [www.trafficpd.com/employment/](http://www.trafficpd.com/employment/)

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# News: Continuing to Keep District 9-0 Beautiful

The Adopt-A-Highway program is a promotional campaign to encourage volunteers to maintain a section of highway, keeping it free from litter. To compensate an organization for participation in the program, they can have their name posted on a sign in the section of the highway that they maintain.



## **Bored?**

Come join us for our next cleanup.

Following the cleanup will be a gathering at Champs.



## **We Need Your Vote!**

ASHE Altoona is considering changing our cleanup from the Plank Road Interchange to the Cresson SR 0022 Exit. Please e-mail [dhoglund@rettew.com](mailto:dhoglund@rettew.com) to indicate if you are in favor of moving the location.



## **Roll into Action...**

PennDOT District 9-0's Adopt-A-Highway program has designated coordinators in each of the district's six county maintenance offices, as well as the program administrator in their Hollidaysburg District Office. If you are interested in sponsoring a highway, please contact PennDOT District 9-0 for more information.

## The Connector...

*Where in District 9-0 are Penny and Dottie?*



*Penny & Dottie*

**COME ON, VENTURE A GUESS!**

*Where do you think Penny and Dottie are visiting in the beautiful countryside of District 9-0?*



**Hint: Is this colorful place really the King of the Hills?**

The answer will be published in the next edition of the *Inter-Section*.

*Last Month's Answer:*

Singing Brook Farm (aka Obie Snider Farm) along SR 4009, William Penn Highway, near Imler I-99 Exit



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## Welcome New Members!

Rick Poplawski

Ricky Kruse

[TranSystems](#)



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## Newsletter

### Editor

Dave Hoglund  
[dhoglund@rettew.com](mailto:dhoglund@rettew.com)

Please submit your contributions  
by October 16, 2015.



## The Roundabout...

### Industry Events & Other Chapter Happenings

| Date           | Event                                                                                                                              |
|----------------|------------------------------------------------------------------------------------------------------------------------------------|
| September 22   | ASHE North East Penn/PSPE Keystone NE Chapter – Joint Meeting (Tour of Bear Creek Community Charter School)                        |
| September 22   | ASHE Williamsport Meeting and Tour                                                                                                 |
| September 25   | High Steel Open House with Speaker Lou Ruzzi from District 11-0                                                                    |
| September 29   | ASHE Altoona Jim Campbell Memorial Golf Tournament (Ebensburg CC)                                                                  |
| September 30   | ABCD Pittsburgh Dinner Meeting (DoubleTree by Hilton Pittsburgh Cranberry); Speaker: William Koller & Mark Bredl from District 1-0 |
| October 6      | PHIA Transportation Conference and Annual Meeting                                                                                  |
| October 14     | ASHE Altoona Bedford Heritage Trail Tour and Dinner at Omni Bedford Springs Hotel                                                  |
| October 15     | ASHE Delaware Valley Dinner Meeting (Radisson Valley Forge Convention Center); Speaker: PennDOT Secretary Leslie Richards          |
| November 13    | ASHE Altoona Rocky Gap Casino                                                                                                      |
| November 18    | ACEC/PA Day in Hershey                                                                                                             |
| November 18-20 | APC/PennDOT Fall Seminar in Hershey                                                                                                |

## Save the Date!

ASHE Altoona Rocky Gap Casino: November 13th - 3:00 pm Departure from Lowe's Altoona. To sign up contact Jess Urbas [jurbas@pa.gov](mailto:jurbas@pa.gov) by October 20th.

ASHE Altoona Holiday Party: December



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*If you wish to be involved with the ASHE Altoona section for the 2016 season, please contact Dave Thompson at 814-944-5035 or at [dthompson@eadsgroup.com](mailto:dthompson@eadsgroup.com)*