

**PSPE PHILADELPHIA CHAPTER
OUTSTANDING ENGINEERING ACHIEVEMENT AWARD NOMINATION FORM – 2024**

Project Information:

Name of Project: PennDOT U.S. 1 Section RC2

Location of Project: Middletown Township, Bucks County, PA

Description of Project, Include specific details (use two additional pages if necessary): See Attached

Construction Cost: \$ \$110M Completion Date: 12 / 20 / 24 Project or component must be complete in 2024

Primary Engineering Disciplines Represented by the Project (check those that apply):

Mechanical _____; Electrical _____; Civil ; Structural ; Chemical _____

Organizations/Firms That Contributed to the Project and are Responsible for the Achievement (provide additional sheets as required):

Names: See Attached Phone: _____

Address: _____ Email: _____

Contact Person: _____ Title: _____

Client/Owner:

Names: _____ Phone: _____

Address: _____ Email: _____

Contact Person: _____ Title: _____

Submitted by:

Firm/Organization: _____ Phone: _____

Signature: _____ Email: _____

To be Presented on December 5th by: _____

Email _____ Cell Phone: _____

A \$50 Entry Fee is required and is to be submitted with the Nomination Form.

The entry fee is to be made payable to PSPE, Philadelphia Chapter.

Nomination is due: November 15, 2024 Presentations: Thursday, December 5, 2024

Send by Email or Fax Nomination to: oea@pspe-philly.org or 215-885-3732

Payment of the Application Fee may be check or by credit card.

To pay by credit card, click to [PAYPAL BUYNOW](#) button on our website <http://www.pspe-philly.org/oea/entryfee.htm>

To pay by check please mail to:

Fredric L. Plotnick, Ph.D., Esq., P.E. Chairman, Outstanding Engineering Achievement Awards
5000 Boardwalk Apt 1901, Ventnor NJ 08406 Phone: 215-885-3733, Fax: 215-885-3732,
email: oea@pspe-philly.org or oea@fplotnick.com or fplotnick@fplotnick.com

U.S. 1 Section RC2

U.S. 1 provides important connections within the region, state and nation and is a major north-south highway that traverses the entire east coast of the United States from Key West, Florida to the Maine/Canada border. Within the Delaware Valley region, this transportation corridor plays an important role providing access, mobility and accessibility for residents, businesses and visitors.

PennDOT's U.S. 1 Improvement Project focuses on the replacement of aging bridges and highway safety enhancements of an approximate four-mile segment of the U.S. 1 Expressway known as the Lincoln Highway. Situated in Bucks County, the project traverses four municipalities: Bensalem and Middletown Townships, Langhorne Borough, and Langhorne Manor Borough. The overall U.S. 1 Improvement Project was sub-divided by PennDOT into three sub-projects to allow the progressive delivery of successive smaller projects. Section RC2 is a \$110 Million Project that extends from north of the Turnpike Interchange to the Neshaminy Interchange and up to the Penndel interchange. Within this corridor a third travel lane in each direction and auxiliary lanes between interchanges were added. Additionally, new bridges were constructed to facilitate realignment of U.S. 1 SB over Neshaminy Creek and U.S. 1 NB over Business Route 1/CSX/SEPTA. The existing bridges carrying U.S. 1 NB over Neshaminy Creek and U.S. 1 SB over Business Route 1/CSX/SEPTA were completely reconstructed.

Urban Engineers, Inc. was PennDOT's Construction Management and J.D. Eckman Inc., Atglen PA, was PennDOT's Contractor for Section RC2. Successful completion of the Project required significant coordination with PECO, CSX & SEPTA. The Project included the replacement of PECO Transmission Facilities and SEPTA's Catenary Structures and power lines while replacing the overhead Route 1 Bridges. Additionally, construction of the bridges over the Neshaminy Creek required installation of multiple causeways in accordance with PADEP Environmental Regulations to access the new Piers in the middle of the Creek.

For Additional Information please visit: <https://us1bucks.org/>

Organizations/Firms That Contributed to the Project and are Responsible for the Achievement

OWNER: Pennsylvania Dept. of Transportation, Engineering District 6-0
7000 Geerdes Blvd., King of Prussia, PA 19406
Edward C. Burns
Bucks County Transportation Construction Manager
(610) 496-8414
edwaburns@pa.gov

Designer: JMT – Johnson, Mirmiran & Thompson, Inc.
220 St. Charles Way, Suite 200, York, PA 17402
Kenneth Yerges, PE
Project Manager
(717) 741-6209
kyerges@jmt.com

CM: Urban Engineers, Inc.
530 Walnut Street, Philadelphia, PA 19106
Thomas F. Kerins
Project Manager
(215) 284-3140
tfkerins@urbanengineers.com

Contractor: J.D. Eckman Inc.
4781 Lower Valley Rd, Atglen, PA 19310
John Muir
Project Manager
(610) 593-3253
jmuir@jdeckmaninc.com

SUBMITTED BY:
Urban Engineers, Inc.
530 Walnut Street, Philadelphia, PA 19106
Thomas F. Kerins
Project Manager
(215) 284-3140
tfkerins@urbanengineers.com

To be Presented by:
Thomas F. Kerins & Kenneth Yerges, PE