

CIVIL ENGINEERING ACHIEVEMENT AWARD

One per year

This award is given to any engineering project that falls into the general category of Civil Engineering and displays excellence in the following criteria:

- Contributions to well-being of people and community;
- Resourcefulness in planning and solution of design problems;
- Pioneering in use of materials and methods;
- Innovations in construction;
- Consideration of impact on environment;
- Unusual aspects and aesthetic values;
- Within section boundaries;
- Award made for the year that the project goes into service.

Past Awardees

1966 Corps of Engineers, Pittsburgh District - Design and Construction of the Multi-Purpose Kinzua Dam Project
1969 Equitable Life Assurance Society of the United States - Gateway Center Development
1970 Urban Redevelopment Authority of Pittsburgh - East Liberty Redevelopment
1971 United States Steel - United States Steel Headquarters Building
1972 Allegheny County Commissioners - Greater Pittsburgh International Airport Interim Terminal Facilities
1973 Alcosan - Sanitary System Design and Construction
1976 PennDOT - Ohio River Crossing, Interstate Rte. 79
1977 The Central Area Power Coordination (Capco) Group - Waste Disposal System - Bruce Mansfield Power Plant
1978 Port Authority of Allegheny County - South Busway
1980 City of Pittsburgh/County of Allegheny - David L. Lawrence Convention Center
1982 PennDOT - Parkway East Reconstruction Project
1983 Mellon Bank - One Mellon Bank Center
1984 PPG Industries - PPG Place
1985 PennDOT - Jacks Run Bridge
1986 Port Authority Transit, Allegheny County - Downtown Subway (Class I Award) - PennDOT District 10-0 (Class II Award),
Retaining Wall-Landslide Correction
1987 U.S. Army Corps Of Engineers, Pittsburgh District-1985 Storm and Flood Damage Clean Up
1988 Port Authority Transit, Allegheny County Stage I- Light Rail Transit Project - (Class I Award) PennDOT - Highland Park
Bridge Rehabilitation Project (Class II Award)
1989 U.S. Army Corps of Engineers, Pittsburgh District - Flood Protection Projects, Oil City, PA
1990 PennDOT - 1-279/1-579 North Hills Valley Expressway
1991 University of Pittsburgh Charles L. Cost Sports Center
1992 County of Allegheny - Pittsburgh International Airport
1993 U.S. Army Corps of Engineers, Pittsburgh District - Point Marion Lock Project
1994 PennDOT - Smithfield Street Bridge Rehabilitation Project
1995 County of Allegheny - New Allegheny County Jail
1999 PennDOT - Liberty Tunnel Interchange
2000 Urban Redevelopment Authority of Pittsburgh Rehabilitation of the Monongahela Connecting Bridge
2001 Port Authority of Allegheny County - PAT West Busway
2002 PennDOT - Mon/Fayette Expressway
2003 Port Authority of Allegheny County - Martin Luther King, Jr., East Busway Extension
2004 U.S. Army Corps of Engineers, Pittsburgh District - Braddock Lock And Dam
2005 Erie Bayfront Connector Highway
2006 Findlay Connector - Pennsylvania Turnpike Commission
2007 Rehabilitation and Conversion of Monongahela Connecting Railroad and Hot Metal Bridge
2008 East Brady Bridge Replacement
2009 The Parkway "Missing Ramps" Project, 5R0079 - Section A23
2010 The West End Improvement Project, Sr 0019, Section A27
2011 The Pennsylvania Turnpike Irwin to New Stanton Reconstruction
2012 North Shore Connector

2013 Erie Water Works - Richard S. Wasielewski Water Treatment Plant (Largest Retrofitted Membrane Plant in the US)
2014 Major Enhancements for a Pittsburgh Gateway - PA Route 28, East Ohio Street Corridor
2015 Hulton Bridge Replacement
2016 State Route 376, Sections (A49&A55 Parkway West)
2017 I-70 Widening and Route 19 Interchange Project
2018 Liberty Bridge Project
2019 - US219 Project (SR6219 Section 020)
2020 - Thorn Run Interchange Upgrade
2021 - I579 Urban Open Space Cap

AWARD OF MERIT

Multiple awards permitted per year

This award is given to any engineering project that falls into the general category of Civil Engineering and is considered worthy of recognition by the following criteria:

- Contributions to well-being of people and community;
- Resourcefulness in planning and solution of design problems;
- Pioneering in use of materials and methods;
- Innovations in construction;
- Consideration of impact on environment;
- Unusual aspects and aesthetic values;
- Within section boundaries;
- Award made for the year that the project goes into service.

Projects submitted, but not selected for, the Civil Engineering Achievement Award will be automatically considered for the Award of Merit.

Past Awardees

1992 PennDOT - Southern Expressway
1994 County of Allegheny - South 10th Street Bridge Rehabilitation
2003 PennDOT - Fort Pitt Bridge and Tunnel Rehabilitation
2005 Stage II Light Rail Transit Project
2006 Norfolk Southern Keystone Build-Out Project
2007 Reconstruction of Interstate 79
2007 ALCOSAN Open House
2008 Regional Collection System Flow Monitoring Program
2009 The South Side Works Brownfield Site
2010 Pittsburgh Partnering to Assist Communities Worldwide
2011 Grove City Borough Wastewater Treatment Plant Rehabilitation Program
2012 Mon/Fayette Expressway Uniontown to Brownsville Phase II Project
2012 ALCOSAN Scholastic Outreach Program
2013 Altoona Wastewater Treatment Plant (Biological Nutrient Removal (BNR) Upgrade)
2015 Green Infrastructure Program
State Route 0079, Section 20H, South Junction
2016 Center Township Interim Water Treatment Plant
2017 Beechwood Boulevard (Greenfield) Bridge Replacement
2018 Route 30 Landslide Remediation
2019 – Poplar Street Storm Sewer Project, Borough of Green Tree
2020 – *None awarded*
2021 – Kenmawr Bridge Replacement Project
2021 – Pittsburgh Stormwater Code & Ordinance

SUSTAINABILITY AWARD

One per year

The award is presented to an engineering project in recognition of creativity in the form of innovative sustainability. Projects may be any that demonstrate innovation in sustainability, first and foremost, demonstrating adherence to the principles of economic, social and environmental sustainability. The following criteria will be considered:

- The extent to which innovative design or construction methods improve economic, social and environmental sustainability;
- The promise shown by the innovation to extend future developments in sustainability;
- The degree to which the project extends public understanding of sustainability in construction;
- The anticipated advantages to be obtained as a result of the project;
- Within section boundaries;
- Award made for the year that the project goes into service.

Past Awardees

2013 Center for Sustainable Landscapes (CSL), Phipps Conservatory and Botanical Gardens - Pittsburgh, PA

2014 Etna Green Streetscape Phase 1 Project

2015 Chatham University's Eden Hall Stormwater Management

2016 Frick Environmental Center

2017 Highland Avenue and East Liberty Boulevard Project

2018 Centre & Herron Green Stormwater Infrastructure Project

2019 *None awarded*

2020 Wightman Park Improvement Project

2021 Glasshouse Project