

The Polish American Engineers Association

requests the pleasure of your company
at the
2006 Recognition Award Banquet
Saturday, November 4th, 2006

Embassy Suites
1445 Lake Cook Road
Deerfield, IL

Cocktails 6:00, Dinner 7:00, Award Ceremony 8:00, Dancing to the music of Michael Kienko Quartet. Donation \$75.00 per person. Black tie optional.

2006 Recognition Award Recipients

Mrs. Danuta Szymulanska

Mr. Andrzej Czyszczon

Dr. Jan Plachta

Special Award:

Mr. Voy Madejski,

Mr. Walt Lintzing

The 2006 Recognition Award Banquet commemorates
PAEA's 72 years of service to Polonia
as well as the achievements of the award recipients.

All proceeds will be used to fund the Ralph Modjeski Scholarship.



72 Years of
Polish American Engineers Association
1934 - 2006

Recognition Award Banquet

Ben Franklin Bridge, Philadelphia, PA

Commonwealth of Pennsylvania, state of New Jersey,
city of Philadelphia jointly constructed this bridge 1919-1926

Bridge statistics

Total length of bridge: 9,650 feet
Length of main span: 1,750
Width of bridge: 128 feet
Width of roadway: 57 feet
Height of towers: 380 feet
Clearance above mean high water: 135 feet
Diameter of cables: 30 inches
Number of wires in each cable: 18,666
Ultimate strength of cables: 125,000 tons
Weight main span per linear foot: 26,000 pounds
Live load capacity per linear foot: 12,000 pounds
Weight of steel towers: 10,000 tons
Cables and suspenders: 7,350 tons
Suspended spans: 18,600 tons
Anchors: 6,000 tons
Approaches: 25,800 tons

Masonry

Main piers: 60,000 cubic yards Anchorages: 216,000 cubic yards
Approaches: 42,000 cubic yards Total weight of bridge: 720,000 tons
Deepest foundation below mean high water: 105 feet

The commissioners of the Delaware Port Authority dedicate this bridge to the memory of a great patriot, scientist and statesman and his honor name it name it the Benjamin Franklin Bridge January 17, 1956.

The Delaware River Bridge Joint Commission authorized by Act of the New Jersey Legislature, April 8, 1919, and by Act of the Pennsylvania legislature July 9, 1919, to build this bridge over the Delaware River between Philadelphia and Camden. The cost of construction shared by Commonwealth of Pennsylvania, the state of New Jersey and city of Philadelphia organized December 12, 1919. Began construction, January 6, 1922 and opened the bridge with ceremonies on July 1, 1926.

Board of Engineers

Ralph Modjeski - Chief Engineer
George S. Webster
Laurence A. Bell
Raul P. Creel - Architect