



Walt Whitman Bridge Administration Building Access Road; Philadelphia, Pennsylvania

The Delaware River separates Philadelphia with New Jersey in the Philadelphia/Wilmington metropolitan areas. To traverse the active waterway, the Betsy Ross, the Commodore Perry, the Walt Whitman and the Delaware Memorial bridges all serve as busy corridors, daily conveying thousands of commuters and commercial traffic. And each bridge has Holophane lighting involved in the mission of providing safe travel to all.



Mongoose® featuring the drop glass optic tilted



The roadway lighting of a major bridge takes on many challenges not found in normal roadway applications. Vibration induced by the movement of vehicles and the bridge can be destructive to luminaires not designed to accept the rigors of this type of fatigue. Maintenance issues arise if the lighting fixtures are poorly designed and do not lend themselves to ease of access. Long life cycle performance of critical luminaire components is required to address operational issues and provide benefits to the bridge owning authority. Furthermore, there may be additional lighting issues to address such as bridge approaches, toll areas, shipping traffic on the waterway and support facilities. All of these components must be considered during design.

Delaware Memorial Bridge;
New Castle, Delaware





High Mast Lowering Devices System featuring the HMS optic

Betsy Ross Bridge Toll Plaza; Pennsauken, New Jersey

Holophane has a full complement of roadway and outdoor luminaires and lighting systems that provide real benefit in the maintenance and operation of a major bridges. Rugged design that can withstand vibration fatigue and the combined environmental rigors of a roadway and bridge lighting application, excellent lighting distribution that can reduce the number of fixtures required to light a roadway and lower maintenance and operations costs.



An **AcuityBrands** Company

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