



## MONMOUTH COUNTY

Design for the Replacement of Bridge 0-10 on Sunset Avenue over Deal Lake  
Township of Ocean and The City of Asbury Park

### PUBLIC FORUM

Monday, June 6, 2011

7:00 p.m. - 9:00 p.m.

Township of Ocean Town Hall

Monmouth County Engineering encourages transportation improvements that best balance transportation needs, the environment, and community interests. As such, a Public Forum will be held on **Monday, June 6, 2011** to inform local residents, officials, businesses and the general public of the proposed design of the **Bridge O-10 Replacement on Sunset Avenue over Deal Lake**.

The Public Forum will be held at the **Ocean Township Public Meeting Room, 399 Monmouth Rd.\*, Oakhurst, NJ from 7:00 p.m. – 9:00 p.m.** As an open house format with display boards, please attend the meeting at a time that is convenient for you. A **brief presentation** will be given at **7:30 p.m.** for those interested. You will have an opportunity to view and discuss information on the bridge replacement design, lighting, traffic calming elements, and improvements at Sunset Avenue and Bridge Street.

Monmouth County is proposing to replace the existing Bridge O-10 on Sunset Avenue over Deal Lake to improve safety and access. Due to its age, it has deteriorated over time and with substantial chipping and cracking, routine maintenance can no longer address the deficiencies.

#### The Project Background

The existing bridge is in poor condition. Several factors contribute to this poor assessment:

**Load Capacity:** The non-redundant design is fracture critical and existing components are overstressed under modern design loads.

**Condition:** Substructure is in poor condition due to significant scaling and spalling at piers and abutments. Most of superstructure is in fair condition.

**Geometry:** The width of the bridge is substandard and narrower than the approach roadway.

**Highway Safety:** Parapets or railings do not meet AASHTO crash standards and are in poor condition. Bridge attachments and end treatments also do not meet current design standards.

**Pedestrian Safety:** Sidewalk condition and parapet condition are poor.

**Seismic:** It appears vulnerable due to substandard bridge seat widths.

#### The Proposed Project

- Replace existing five (5) span with a four (4) span structure with arched fascia. One 12-ft lane in each direction with shoulder widths designed to best suit the project, and 5 to 6-ft sidewalks.

- The structure will provide a consistent travel way width, load capacity that meets modern design standards, and meets current guidelines for seismic vulnerability.
- The project corrects Highway Safety and Pedestrian Safety deficiencies by correcting sidewalk, shoulder, and parapet deficiencies.
- Significant aesthetic features will be carried forward in to the replacement structure's design, with an emphasis on haunched fascia appearance, decorative lighting, and cantilever overhangs in concert with the character of the surrounding area.
- Navigation clearance for boaters will be maintained and increased if possible.

#### Project Cost

The construction costs are estimated at \$5.4 million. Federal funding is administered through the State Local Aid program for this project.

#### Project Schedule

Concept Development Phase	Completed in 2010
Environmental Studies (CED)	Completed August 2010
Preliminary Engineering	July 2011
Final Design	June 2012
Construction Phase	Fall 2013 (9 – 12 months to complete)

#### Community Involvement

Prior Local Officials' Briefings and Public Meetings have resulted in Resolutions of Support by both the Township of Ocean and the City of Asbury Park for the project to move forward to the design phase. A Community Stakeholders Outreach Meeting was held on March 15, 2011 at Asbury Park City Hall to present the project status, introduce the project team, and obtain agency and community input. Coordination and information exchange with the local communities and regional stakeholders will continue through the design and construction phases.

#### Contact Information

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\* Please Note: *Township of Ocean Town Hall Public Meeting Room is at the corner of Deal and Monmouth Roads*