

Notice to Contractors
Route 21 SB Viaduct & Chester Avenue Bridges
New Jersey Department of Transportation

The New Jersey Department of Transportation (NJDOT) is proposing to rehabilitate Route 21 SB viaduct and Chester Avenue bridges from milepost 4.21 to 4.57. The project will be advertised on May 2, 2013.

The Route 21 SB Viaduct & Chester Avenue Bridges project provides necessary structural repairs to stabilize deterioration of the viaduct built in 1950's and superstructure replacement of Route 21 structures over Chester Avenue.

The viaduct consists of three steel stringer approach spans with concrete deck on both the north and south ends of the structure. The remaining 38 main spans are three and four span continuous concrete slab units featuring an arched profile.

Major construction components consist of the following:

- Full depth reconstruction of the NB roadway directly underneath the SB Viaduct
- Rehabilitation of Route 21 Chester Avenue bridges: deck, parapet and beam replacement
- Rehabilitation of Route 21 SB Viaduct: deck repair, parapet replacement and beam repair. Beam repair will involve precision jacking due to deteriorated condition of the structure, installation of steel tub girder, welding and grouting.

Route 21 NB roadway/ SB viaduct is bordered by environmentally sensitive and historical Mount Pleasant Cemetery on west side and active Norfolk Southern Rail Road (NSRR) line on the east side. Contractor's access to Mount Pleasant Cemetery strictly prohibited during the construction except plating of the proposed shrubs immediately adjacent to the viaduct.

Stage area for steel tub girder installation will be on the NSRR property. As a part of railroad agreement with NSRR, contractor will be allowed to work on NSRR property along westerly track immediately adjacent to the viaduct. Currently inactive easterly track will be rehabilitated to allow rail operation prior to the construction of this project. Contractor is required to coordinate with NSRR.

This portion of Route 21 is a major corridor for City of Newark commuters and major events held in downtown area. As a result, numerous lane closure restrictions are imposed during the construction.

Since this method of beam repair has not been used in previous NJDOT projects, the design consultant will provide power point presentation to explain the repair method and answer questions.

A pre-bid meeting for interested contractors, to discuss this project, will be held on **Friday, May 17, 2013 at 1:00 PM** in the Multi-Purpose Room located at 1035 Parkway Avenue, Trenton, New Jersey. The Agenda for the meeting is attached with this notice. If you are interested in attending this meeting, please e-mail your reply (the preferred method) or contact the office

listed below by phone by **May 15, 2013**. Please indicate the name of your firm and the number of people who will attend this meeting with your reply.

Thomas Sohn,
Project Manager
1035 Parkway Avenue
P.O. Box 600
Trenton, NJ 08625
(609) 530-4448

E-mail address: thomas.sohn@dot.state.nj.us