## **SR 141 Newport Viaduct Rehabilitation Project**

#### **Project Description**

The Delaware Department of Transportation (DelDOT) is initiating a project to rehabilitate the Newport Viaduct (BR 1-501) on State Route 141 that connects I-95 with Newport, DE in New Castle County. The bridge is 2,000 feet long and spans SR 4, local roads, Amtrak and the Christina River. Built in the 1970s, the bridge and its associated ramps are showing signs of deterioration. The purpose of the SR 141 Newport Viaduct rehabilitation project is to extend the service life of the bridge and to improve ride quality.

#### **Local and Through Lanes**

Average daily traffic along this stretch of SR 141 is approximately 87,000 vehicles, including up to 11% truck traffic. The roadway provides a critical link between several major highways. As maintenance

Existin Stage 1 Stage 2 Stage 3 Stage 4 Stage 5

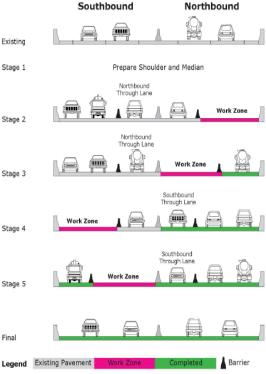
and protection of traffic is crucial to the mobility of the region, DelDOT will maintain two lanes in each direction during peak hours for the duration of construction. This will be accomplished using a traffic control scheme that includes local and through lanes.

During Stage 1 of the project the shoulders and median on SR 141 will be prepared for traffic to travel on temporarily. In subsequent stages 2 through 5, one of the four lanes in either the northbound or southbound direction will be dedicated to a Through Lane. By shifting traffic in this manner four lanes remain open to traffic while construction advances on either SR 141 northbound or southbound.

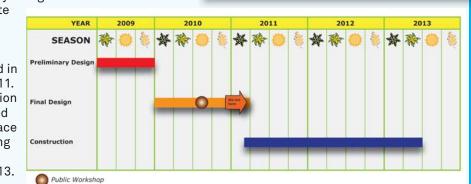
The Through Lane has many advantages. Most importantly, it reduces the number of construction stages and the amount of construction time needed compared to more typical MPT schemes. It also reduces impacts to entrance and egress ramps and minimizes local impacts.

### **Project Schedule**



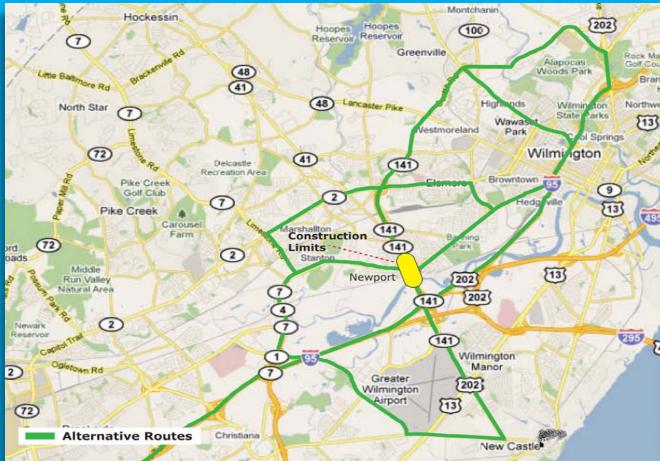


Northbound



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#### **Construction Survival Kit**

Several detours are planned while the Newport Viaduct undergoes rehabilitation. Detours will be only intermittent on weekday evenings from 10 PM - 5 AM and on weekends. Bran Detour routes will be signed and announced in advance of implementation. In addition to these detour routes, there are roadway alternatives to SR 141 in the region that may be more desirable to motorists. DelDOT is working hard to keep traffic congestion and delays to a minimum during construction by monitoring traffic and providing 'real time' information about traffic conditions to drivers. Traffic information can be found at the website www.deldot.gov/ information/projects and on WTMC (1380 AM). Portable electronic message signs will be placed well in advance of the construction area to announce construction activities and delays. Read your local newspaper for announcements about construction and detours.

### **Project Information**

Visit the SR 141 Newport Viaduct website at: www.deldot.gov/information/projects

Contact: DelDOT Public Relations P.O. Box 778 Dover, DE 19903 1.800.652.5600 (in DE) or 302.760.2080

**Report Disabled Vehicles** 

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