

**Transportation Management Plan  
Project No. 035-0195  
I-95 Pavement Preservation  
Towns of Darien & Norwalk**

**July 2014**

**Introduction:**

This project involves milling and paving of Interstate 95 northbound and southbound (I-95) in the Town of Darien and the City of Norwalk. The Interstate is classified as an Urban Principal Arterial and consists of three travel lanes in both the northbound and southbound directions. The posted speed limit is 55 MPH.

The purpose of this project is to improve the pavement condition and extend the service life of I-95 by resurfacing. The scope of the project consists of a 2.5" mill and 3" overlay from curb to curb in both directions of I-95. The treatment on the adjacent ramps will consist of a 2" mill and 2" overlay, excluding exit ramps 14 northbound and southbound, and entrance ramp 14 northbound. The total length of the project is 5.24 miles, from log mile 10.67 (Darien) to log mile 15.91 (Norwalk). The overlay will be 2" Polymer Modified Asphalt (PMA) S0.5 on 1" Polymer Modified Asphalt (PMA) S0.25. Construction is scheduled to begin in the spring of 2015 and will be completed by the fall of 2015.

Twenty one structures have been identified within the project limits. Three of these structures, Bridges No. 00053, 00054 & 00055, are being addressed by State Project No. 102-278 currently under construction. Bridge No. 00059 will be addressed by State Project No. 102-348. Therefore, milling and overlaying on these bridges will be excluded from the scope of work. The scope on the remaining 17 Bridges involves milling and overlaying, and plug joint replacement according to the recommendations of the Bridge Management Unit.

Due to the high traffic volumes in the region and the potential for disruption on I-95 and in order to serve the safety and mobility needs of the traveling public, the Department has determined that a Transportation Management Plan should be developed for this project.

The goals of this plan are to reduce the traffic and mobility impacts, provide a safe and efficient travel way for motorists while also providing a safe work zone for construction personnel and activities, and to promote coordination within and around the work zone. Work zone impacts (traffic queues and accident reports) during construction will be monitored and managed by the Department's construction/inspection personnel. Portable and permanent variable message signs, Highway Advisory Radio and the ConnDOT website can be used to provide real time warnings of delays. Portable variable message signs and/or public radio announcements will be used to provide real time warnings of delays. Field observations and operation information will be used to adjust the transportation management strategies if needed.

**I. Temporary Traffic Control:**

Temporary Traffic Control details have been developed and included in the project contract to manage the work zone safety and mobility impacts of this project. Maintenance and Protection of Traffic plans that depict typical treatments of lane and/or shoulder closure requirements for various construction operations are provided. All work will be done in accordance with the permitted lane and shoulder closures identified in the contract documents.

The contract specifications include "Section 1.08 – Prosecution and Progress" and "Item No. 0971001A – Maintenance and Protection of Traffic." These specifications address the

requirements for lane closures and give time restrictions on lane and shoulder closures for I-95 and local roads. These contract specifications are intended to minimize inconvenience and mobility impacts while at the same time to provide a safe travel way and work zone. The "Limitations of Operations" below provides the minimum number lanes to remain open during particular times in both directions on I-95. No lane closures will be allowed on Holidays, and also the days before and after the Holiday.

Route: I – 95 Northbound Location: Within Project Limits Number of Through Lanes: 3								Route: I – 95 Southbound Location: Within Project Limits Number of Through Lanes: 3							
Hour Beginning	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hour Beginning	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Mid	2	2	2	2	2	2	2	Mid	1	1	1	1	1	1	1
1 AM	1	1	1	1	1	1	1	1 AM	1	1	1	1	1	1	1
2 AM	1	1	1	1	1	1	1	2 AM	1	1	1	1	1	1	1
3 AM	1	1	1	1	1	1	1	3 AM	1	1	1	1	1	1	1
4 AM	1	1	1	1	1	1	1	4 AM	1	1	1	1	1	1	1
5 AM	2	2	2	2	2	1	1	5 AM	2	2	2	2	2	2	1
6 AM	E	E	E	E	E	2	1	6 AM	E	E	E	E	E	2	1
7 AM	E	E	E	E	E	3	2	7 AM	E	E	E	E	E	3	2
8 AM	E	E	E	E	E	3	2	8 AM	E	E	E	E	E	3	2
9 AM	3	3	3	3	3	3	3	9 AM	3	3	3	3	3	3	3
10 AM	3	3	3	3	3	3	3	10 AM	3	3	3	3	3	3	3
11 AM	3	3	3	3	3	3	3	11 AM	3	3	3	3	3	3	3
Noon	3	3	3	3	3	3	3	Noon	3	3	3	3	3	3	3
1 PM	3	3	3	3	3	3	3	1 PM	3	3	3	3	3	3	3
2 PM	3	3	3	3	3	3	3	2 PM	3	3	3	3	3	3	3
3 PM	E	E	E	E	E	3	3	3 PM	E	E	E	E	E	3	3
4 PM	E	E	E	E	E	3	3	4 PM	E	E	E	E	E	3	3
5 PM	E	E	E	E	E	3	3	5 PM	E	E	E	E	E	3	3
6 PM	E	E	E	E	E	3	3	6 PM	E	E	E	E	E	3	3
7 PM	3	3	3	3	3	3	3	7 PM	3	3	3	3	3	3	3
8 PM	3	3	3	3	3	3	3	8 PM	3	3	3	3	3	3	3
9 PM	3	3	3	3	3	3	3	9 PM	2	2	2	2	3	3	3
10 PM	2	2	2	2	2	2	2	10 PM	2	2	2	2	2	3	3
11 PM	2	2	2	2	2	2	2	11 PM	1	1	1	1	2	2	2

**On Holidays and within Holiday Periods, all Hours shall be 'E.'**

**'E' = maintain existing traffic operations = all available travel lanes, including exit only lanes, climbing lanes and all available shoulder widths shall be open to traffic during this period**

### **Ramps and Turning Roadways**

The Contractor will not be permitted to perform any work which will interfere with the existing traffic operations as follows:

Monday through Friday between 6:00 a.m. and 6:00 p.m.  
Saturday and Sunday between 10:00 a.m. and 6:00 p.m.

During construction on I-95 ramps, with prior approval of the Engineer, the Contractor may close any ramps within the project limits from 9:00 p.m. to 6:00 a.m. on all non-Holiday days and erect a detour route in accordance with the Contract Plans and Special Provision Item No. 0971001A – Maintenance and Protection of Traffic. The Contractor shall only be allowed to close one ramp at a time.

The Contractor shall notify the Engineer at least 14 days in advance of the start of the any ramps closures.

### **All Other Roadways**

The Contractor will not be permitted to perform any work which will interfere with the existing traffic operations as follows:

Monday through Friday between 6:00 a.m. and 9:00 a.m. & between 3:00 p.m. and 6:00 p.m.  
Saturday and Sunday between 10:00 a.m. and 6:00 p.m.

### **Additional Lane Closure Restrictions**

It is anticipated that work on adjacent projects will be ongoing simultaneously with this project. The Contractor shall be aware of those projects and anticipate that coordination will be required to maintain proper traffic flow at all times on all project roadways, in a manner consistent with these specifications and acceptable to the Engineer.

The Contractor will not be allowed to perform any work that will interfere with traffic operations on a roadway when traffic operations are being restricted on that same roadway, unless there is at least a one mile clear area length where the entire roadway is open to traffic or the closures have been coordinated and are acceptable to the Engineer. The one mile clear area length shall be measured from the end of the first work area to the beginning of the signing pattern for the next work area.

## **II. Transportation Operations:**

The Transportation Operations of the work zone impacts will be managed by the Department's construction/inspection personnel in coordination with the Office of Highway Operations through the use of portable/permanent variable message signs, and/or the Department's website and/or public radio announcements to alert travelers of work activity and/or delays through the work zone. Work on I-95 and local roads that interferes with existing traffic operations will not be allowed during peak hours. Traffic delays and safety through the work zone will be monitored during construction. It is not anticipated that delays through the work zone will require the need to detour traffic to an alternate route. In the event that such a delay does occur, an alternate route will be established by the Department's construction/design and State/Local Police personnel. The contract includes an appropriate number of State and Local Police whose duties include managing traffic through the work zone and to coordinate and assist as needed with emergency response personnel during lane closure activities.

### III. Public Outreach/Public:

The Department's District Construction Office will initiate a public outreach/information program through the Office of Construction, as follows:

Prior to the start of construction, the Public and affected Municipalities will be notified via press releases, and/or the Department's website and/or announcements of the proposed work, how the work will affect the traveling public and the anticipated duration of work. Additionally, the affected Municipalities will be invited to attend the Pre-Construction meeting.

During construction, the Public and affected Municipalities will be notified via the use of press releases, and/or the Departments website and/or radio announcements identifying anticipated lane/shoulder closure and the duration of the anticipated closure. The first official and emergency respondents of the affected Municipalities will be notified directly via telephone and/or written correspondence/e-mail should any work be performed on local roads. The Public will have an open line of communication available through the Department's website or by direct contact with the Department's construction/inspection personnel.

### IV. Roles and Responsibilities

The Supervising Engineers and the Project Engineers from District 3 will be the responsible parties for implementing this Transportation Management Plan, temporary traffic control and informing the operation center of any lane closures.

### V. Endorsement

This plan was prepared to meet the requirements of the ConnDOT Work Zone Safety and Mobility Policy (ConnDOT General Memorandum 07-09, dated September 18, 2007 for compliance with the Federal Highway Administration Work Zone regulations contained in 23 CFR 630 Subpart J, referred to as the Work Zone Safety and Mobility Rule).

This Transportation Management Plan is a "living document" that will be updated as the project progresses and/or as the field circumstances require to achieve safe and effective transportation operations.

The undersigned for the Connecticut Department of Transportation and Federal Highway Administration fully endorse this Transportation Management Plan and are committed to achieving the goals and commitments as set forth herein



---

Mr. Timothy M. Wilson  
Manager of Highway Design  
Connecticut Department of Transportation

Date: 8.28.14