

# GENERAL NOTES

PROJ. REFERENCE NO.	SHEET NO.
38724.3.1	TCP-2
(I-4711)	

Adapt the traffic control plans, when directed by the Engineer, to meet field conditions to provide safe and efficient traffic movement. Changes may be required when physical dimensions in the detail drawings, standard details and roadway details are not attainable, or result in duplicate, or undesired overlapping of devices. Modification may include: moving, supplementing, covering or removal of devices.

The following general notes apply at all times for the duration of the construction project, except when otherwise noted in the plan, or directed by the Engineer.

### Time Restrictions

- A) Do not close or narrow travel lanes for all work except for the full depth asphalt rehab, ramp widening and y-line operations as follows:

Road Name	Day and Time Restrictions
I-95 and Ramps	Monday thru Thursday 6:00 a.m. to 6:00 p.m.
I-95 and Ramps	Friday 6:00 a.m. to Sunday 7:00 p.m.

- B) Do not close or narrow travel lanes for the ramp widening and y-line operations as follows:

Road Name	Day and Time Restrictions
Y-lines	Monday thru Thursday 6:00 a.m. to 9:00 a.m.
Y-lines	Monday thru Thursday 4:00 p.m. to 7:00 p.m.
Y-lines	Friday 6:00 a.m. to Sunday 7:00 p.m.

- C) Do not close or narrow travel lanes during holidays and special events as follows:

- | Road Name                | Day and Time Restrictions  |
|--------------------------|--|
| I-95, Ramps, and Y-lines |  |
| <b>Holiday</b>           |  |
| 1.                       | For any event that creates unusually high traffic volumes, as directed by the Engineer.  |
| 2.                       | For New Year's, between the hours of 6:00 a.m. to 7:00 p.m. January 2nd. If New Year's day is on a Saturday or a Sunday, then until 7:00 p.m. the following Tuesday.   |
| 3.                       | For Easter, between the hours of 6:00 a.m. Thursday and 7:00 p.m. Monday.  |
| 4.                       | For Memorial day, between the hours of 6:00 a.m. Friday to 7:00 p.m. Tuesday.  |
| 5.                       | For Independence day, between the hours of 6:00 a.m. the day before Independence day and 7:00 p.m. the day after Independence day.<br><br>If Independence day is on a Saturday or Sunday, then between the hours of 6:00 a.m. the Thursday before Independence day and 7:00 p.m. the Tuesday after Independence day. |
| 6.                       | For Labor Day, between the hours of 6:00 a.m. Friday and 7:00 p.m. Tuesday.  |
| 7.                       | For Thanksgiving day, between the hours of 6:00 a.m. Tuesday to 7:00 p.m. Monday.  |
| 8.                       | For Christmas, between the hours of 6:00 a.m. the Friday before the week of Christmas day and 7:00 p.m. the following Monday after the week of Christmas.  |
| 9.                       | For the Daytona 500 Car Race, between the hours of 6:00 a.m. Friday before the week of the Daytona 500 Car Race to 7:00 p.m. Monday after the week of the Daytona 500 Car Race.  |
| 10.                      | For the Daytona Bike Weeks, between the hours of 6:00 a.m. Friday before the week of the Daytona Bike Weeks to 7:00 p.m. Monday after the week of the Daytona Bike Weeks.  |
| 11.                      | For the Myrtle Beach Bike Weekends, between the hours of 6:00 a.m. Thursday before the weekend of the Myrtle Beach Bike Weekends to 7:00 p.m. Monday after the weekend of the Myrtle Beach Bike Weekends.  |

### Lane And Shoulder Closure Requirements

- D) Remove lane closure devices from the lane when work is not being performed behind the lane closure or when a lane closure is no longer needed, or as directed by the Engineer.
- E) When personnel and/or equipment are working within 40 ft of an open travel lane, close the nearest open shoulder using Roadway Standard Drawing No. 1101.04 unless the work area is protected by barrier or guardrail.
- F) When personnel and/or equipment are working on the shoulder adjacent to an undivided facility and within 5 ft of an open travel lane, close the nearest open travel lane using Roadway Standard Drawing No. 1101.02 unless the work area is protected by barrier or guardrail.

- F) Continued  
When personnel and/or equipment are working on the shoulder adjacent to a divided facility and within 10 ft of an open travel lane, close the nearest open travel lane using Roadway Standard Drawing No. 1101.02 unless the work area is protected by barrier or guardrail.
- G) When personnel and/or equipment are working within a lane of travel of an undivided or divided facility, close the lane according to the traffic control plans, Roadway Standard Drawings or as directed by the Engineer. Conduct the work so that all personnel and/or equipment remain within the closed travel lane.
- H) Do not perform work involving heavy equipment within 15 ft of the edge of travelway when work is being performed behind a lane closure on the opposite side of the travelway.
- I) Do not install more than 2 mile of lane closure on I-95 measured from the beginning of the merge taper to the end of the lane closure.
- J) Do not install more than 2 simultaneous lane closures, in any one direction, on I-95.
- K) Provide a minimum of 5 miles between lane closures, measured from the end of one closure to the first sign of the next lane closure.

### Pavement Edge Drop Off Requirements

- L) Backfill at a 6:1 slope up to the edge and elevation of existing pavement in areas adjacent to an opened travel lane that has a drop-off as follows:  
  
Backfill drop-offs that exceed 2 inches on roadways with posted speed limits of 45 mph or greater.  
  
Backfill drop-offs that exceed 3 inches on roadways with posted speed limits less than 45 mph.  
  
Backfill with suitable compacted material, as approved by the Engineer, at no expense to the Department.
- M) The maximum acceptable drop-off between open lanes of travel is 2 inches. For drop-offs greater than 1.5 inches but less than or equal to 2 inches, place a 1:1 asphalt wedge between the lanes of travel. Where a drop-off in a travelway exceeds 2 inches but is less than or equal to 3 inches the affected lane(s) shall be closed to traffic. Where a drop-off in a travelway is greater than 3 inches the affected lane(s) shall be closed to traffic and the drop-off protected with drums. For all drop-offs between open lanes, advance warning UNEVEN LANES signs (W8-11 at 48" X 48") shall be installed 500 feet in advance and once every half mile where the posted speed is less than 45 mph and once every mile where the posted speed is greater than or equal to 45 mph throughout the length of the drop-off area.

### Traffic Pattern Alterations

- N) Notify the Engineer twenty one (21) calendar days prior to any traffic pattern alteration.

### Signing

- O) Install advance work zone warning signs when work is within 100 ft from the edge of travel lane and no more than three (3) days prior to the beginning of construction. When no work is being conducted for a period longer than one week, remove or cover all advance work zone warning signs, as directed by the Engineer, at no cost to the department.
- P) Provide permanent signing.
- Q) Ensure all necessary signing is in place prior to altering any traffic pattern.
- R) Install black on orange 'DIP' signs (W8-2) 500 ft/150m in advance of the uneven area.
- S) Install black on orange 'BUMP' signs (W8-1) 500 ft/150m in advance of the uneven area.

### Traffic Barrier

- T) Install portable concrete barrier according to the traffic control plans a maximum of two (2) weeks prior to beginning work in any location. Once portable concrete barrier is installed at any location, proceed in a continuous manner to complete the proposed work in that location unless otherwise stated in the traffic control plans or as directed by the Engineer. Once portable concrete barrier is installed at any location and no work is performed behind the portable concrete barrier for a period longer than two (2) months, remove/reset. Portable concrete barrier at no cost to the department unless otherwise stated in the traffic control plans, barrier is protecting a hazard, or as directed by the Engineer.
- U) Protect the approach end of portable concrete barrier at all times during the installation and removal of the barrier by either a truck mounted impact attenuator (maximum 72 hours) or a temporary crash cushion.

- U) Continued  
Protect the approach end of portable concrete barrier from oncoming traffic at all times by a temporary crash cushion unless the approach end of portable concrete barrier is offset from oncoming traffic as follows or as shown in the plans:

Posted Speed Limit	Minimum Offset
Less than 50 mph	20 ft
50 mph or higher	30 ft

Install portable concrete barrier with the traffic flow, beginning with the upstream side of traffic. Remove portable concrete barrier against the traffic flow, beginning with the downstream side of traffic.

Install and space drums no greater than twice the posted speed limit (mph) to close or keep closed the section of the roadway until the barrier can be placed or after barrier is removed.

### Traffic Control Devices

- V) When using Roadway Standard No. 1101.02, cones or skinny drums may be used in lieu of drums on I-95, Ramps, and Y-lines except in I-95 tapers.
- W) Space channelizing devices in work areas no greater than twice the posted speed limit (mph), except 10 ft on-center in radii, and 3 ft off the edge of an open travelway, when lane closures are not in effect.
- X) Place sets of three drums perpendicular to the edge of the travelway on 500 ft centers when unopened lanes are closed to traffic. These drums shall be in addition to channelizing devices.

### Pavement Markings And Markers

- Y) Install pavement markings and pavement markers on final surface as follows:

Road Name	Marking	Marker
I-95, Ramps, and Y-lines	Thermoplastic	Snowplowable Raised

- Z) Install temporary pavement markings and temporary pavement markers on interim layers of pavement as follows:

Road Name	Marking	Marker
I-95, Ramps, and Y-lines	Paint	Temporary Raised

- AA) Place at least two applications of paint pavement markings on the final wearing surface on new asphalt pavement. Place additional applications of paint upon sufficient drying time, as determined by the Engineer.

- BB) Tie proposed pavement marking lines to existing pavement marking lines.

- CC) Replace any pavement markings that have been damaged by the end of each day's operation.

- DD) Trace the edge of proposed monolithic islands with the proper color pavement marking prior to installation of a proposed monolithic island.

- EE) Place at least two applications of paint on new asphalt with temporary traffic patterns which will remain in place over three (3) months. Place additional applications of paint upon sufficient drying time, as determined by the Engineer.

### Miscellaneous

- FF) Submit a sequence of operation and time table for all maintenance operations to the Engineer at the first pre-construction meeting for approval by the Engineer. Approved sequence can not be altered without written permission of the Engineer.

- GG) Cooperate with any contractors working within or adjacent to the limits of this project to the extent that the work can be carried out to the best advantage of all concerned.

APPROVED:  DATE: 3/26/10  	<h2 style="margin: 0;">GENERAL NOTES</h2>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td style="width: 50%;"> </td> <td style="width: 50%;"> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	REVISIONS									
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