

New Jersey Department of Transportation

1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600



Baseline Document Change Announcement

**NJDOT Design Manual - Roadway Auxiliary Lane at Signalized Intersections
BDC00MR-1**

July 17, 2000

Subject: Release of revisions and additions to NJDOT Design Manual - Roadway, Section 1 "Introduction", Section 5 "Major Cross Section Elements", and Section 6 "At-Grade Intersections"

Attached for inclusion in your copy of the *NJDOT Design Manual - Roadway* are revisions and additions to the following pages of Sections 1, 5 and 6 along with a revised Table of Contents:

Replace	TC-3 and TC-4	with	New Page TC-3 and TC-4
Replace	Page 1-1 and 1-2	with	New Page 1-1 and 1-2
Replace	Page 5-5 and 5-6	with	New Page 5-5 and 5-6
Replace	Page 6-17 and 6-18	with	New Page 6-17 and 6-18
Replace	Pages 6-21 through 6-43	with	New Pages 6-21 through 6-44
Replace	Pages 7-9 through 7-12	with	New Pages 7-9 through 7-12
Replace	Page 7-15 and 7-16	with	New Page 7-15 and 7-16

The revisions and additions to the *NJDOT Design Manual - Roadway* are described as follows

Subsection 1-01

Revised "Auxiliary lane length (interchange)" to "Acceleration/Deceleration lane length (interchange)"

Subsection 5-04.2

Eliminated "(accel or decel lane)" from the second and third sentence in the second paragraph

Subsection. 6-05.3,

Added "increased capacity through an intersection" to the first sentence in the first paragraph.

Added last sentence in first paragraph

Combined the second and third paragraphs and revised "auxiliary lanes" to "acceleration and deceleration lanes"

Added discussion relative to adding auxiliary lanes to increase intersection capacity

Added new Figure 6-N AUXILIARY LANE ADDITIONS AT SIGNALIZED INTERSECTIONS

Subsections 6-05.4 through 6-10.4

Existing Figures 6-N through 6-Y and references renumbered

Subsection 7-06.4

“auxiliary lanes” in first sentence revised to “acceleration and deceleration lanes”

Section 7

Figure 7-C and 7-D, reference to Figure 6-O revised to 6-N

Instructions to Designers

Effective immediately, the addition of an auxiliary lane at a signalized intersection to increase capacity shall only be incorporated into a project when recommended by the Bureau of Traffic Signals and Safety Engineering. The addition of the auxiliary may be included in projects currently under design that have not progressed to Final Design Development, except when the addition of the auxiliary lane would require substantial cost or schedule changes. In such cases, the Designer shall contact the Department’s Project Manager to determine how to proceed.

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