

Nebraska Department of Roads


Roadway Design Division - Policy Letter

Policy Number: **DES 09-01**

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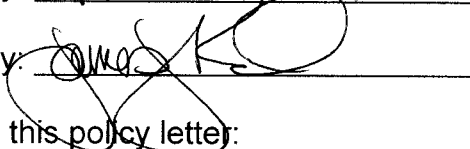
Approval Date: 04/17/09

Approved By:



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Roadway Design Manual chapter affected by this policy letter:

Chapter One: Design Standards

Section 8. Design Controls/ 8.A: Design Year Traffic

Chapter Two: Design Process

Section 5 Preliminary Roadway Design/ 8.D.: Request Information from Other Divisions

Effective Date: Immediately for all 3R projects that have not completed functional design. Projects in final design may continue with the traffic furnished.

Subject: Design Year Traffic Determination

The 2008 Minimum Design Standards (MDS) for Resurfacing, Restoration, and Rehabilitation (3R) projects, allow the use of the life of the pavement for the determination of the design year and subsequently the design year traffic.

Note (1) on page 7 of the MDS, referring to design year traffic, states "(1) 'Design Year' shall be the year of initial construction plus the expected life of the surfacing up to 20 years."

The NDOR has established an average life of ten years for 3R projects constructed with hot-mixed asphalt pavement and twenty years for 3R projects constructed from Portland Cement Concrete pavement.

The Planning and Project Development Division is responsible for providing traffic projections for all projects as necessary.

When requesting the traffic volumes, include in your request the year of initial construction and the ending year of the expected life of the surfacing.

Sent to: NDOR Roadway Design, NDOR "Distribution B", and selected consultants.