

# Memo

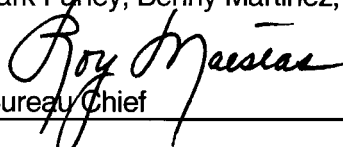
## New Mexico State Highway & Transportation Department

**SUBJECT:** Design Directive 5-2001-Design  
Equivalent Single Axle Loads ("ESAL")

**DATE:** 11-December-2001

**TO:** Internal Project Development Engineers-North  
(Ed Escudero, Dan Garcia, Sixto Martinez, Robert Garcia, Joe Garcia)  
Internal Project Development Engineers-South  
(Bryan Peters, Mark Fahey, Benny Martinez, David Trujillo)

**FROM:** Roy P. Maestas  
Internal Design Bureau Chief



**FILE REFERENCE:**  
PSESHARE:2001 Design Directives

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You are hereby directed to provide the design ESAL and 20-year design ESAL on the Design Criteria (Traffic Volume Estimate) schedule included on the Typical Section plan sheet (Sheet 2-1) for all projects that include Plant Mix Bituminous Pavement ("PMBP").

The design ESAL establishes the criteria for a given pavement design recommendation. The 20-year design ESAL establishes the number of gyrations that a Superpave gyratory compactor must use for PMBP mix design considerations. This information is essential to potential bidders.

As a reminder, the Design Directives reside in the PSESHARE drive. To map the drive, open Explore. Click on Tools and then click on Map Network Drive. Select an available drive. In the Path field, enter \\htdvms\pseshare. You now have access to the PSESHARE drive. In addition to the Design Directives folder, the PSESHARE drive contains other data such as Letting Information (i.e. project information), Bid Tabulations, etc.

This design directive resides in the 2001 Design Directive folder in the PSESHARE drive.

Attachment

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**NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT**  
**INTRA-DEPARTMENTAL CORRESPONDENCE**

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**SUBJECT:** Design Directive Recommendation      **Date:** September 12, 2001

**TO:** Roy Maestas  
Internal Design Bureau Chief

**FROM:** John H. Tenison   
State Materials Bureau Chief

I am requesting that the following recommendation for a design directive be issued for use on all Department internal and consultant projects as well as for all Department District generated book projects that have PMBP set up on a project:

“You are directed to included both the design ESAL and 20-year design ESAL, if they are different, on all projects that have Plant Mix Bituminous Pavement. These numbers, based on the pavement design recommendations received either from the State Materials Bureau or from a District, shall be placed in the “Design Criteria” information box on Sheet 2-1 on all project plans.”

The reason that I am making this request is that the design ESAL is used to know what a given pavement design recommendation was based on and the 20-year design ESAL is used to select the number of gyrations that a Superpave gyratory compactor must use for PMBP mix design considerations. If you have any questions concerning this request, please contract me at 827-9811.

cc: Larry Velasquez  
Rick Chavez  
Lee Onstott  
File