



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

ROADWAY DESIGN DIVISION
SUITE 1300 JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-3848
(615) 741-2221

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

INSTRUCTIONAL BULLETIN NO. 14-21

Regarding Strategic Transportation Investments Division

Effective immediately, section 2-120.00 and Request for Traffic Data Form (Figure 2-6) is revised as highlighted.

PURPOSE: To update the document to replace Project Planning Division with Strategic Transportation Investments Division throughout the document.

2-120.00 TRAFFIC DATA FOR DESIGN

To establish a uniform and systematic method of obtaining desired traffic data for the construction year for all future projects, use the following procedure:

1. Mark a sketch (generally a print of the title sheet) to show the limits of the project and to establish the exact information desired. If crossroad volumes and/or turning movements on certain intersecting streets or roads are needed, this fact shall be clearly indicated by a sketch on the title sheet prints.
2. Designers shall submit the sketch in PDF format along with a properly filled out copy of the Request for Traffic Data form shown in Figure 2-6 to the Special Project Office of the Strategic Transportation Investments Division at the address shown on the form. Consultants shall submit the information to the appropriate Design Manager for submittal.

Since the typical cross-section to be used is largely dependent on the anticipated traffic, it is urgent that traffic data for each newly assigned project be requested as soon as possible after beginning work on a project.

To expedite a pavement design from the Pavement Design Section, the following applicable notes shall be included under comments on the form. A copy of the completed form shall be forwarded with the pavement design request.

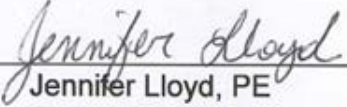
1. Furnish the 20xx-20xx ADL for pavement design on a (number of lanes) lane roadway.
2. Furnish the 20xx-20xx ADL for pavement design on a (number of lanes) lane roadway and the present ADT on all crossroads within the limits of the project.

IB 14-21

NOTE: ADL (Average Daily Loading)
ADT (Average Daily Traffic)
DHV (Design Hourly Volume)
D (Directional Distribution)
T (Truck Percentage)

NOTE: For Bridge Replacement Projects, ADL are not required for ADTs of 1,000 or less and percentage trucks of 7 percent or less.

NOTE: ADTs and DHVs are not required for crossroads with ADTs of 1,000 or less.



Jennifer Lloyd, PE
Civil Engineering Director
Roadway Design Division

JL:ARH
12/1/2014

**TENNESSEE DEPARTMENT OF TRANSPORTATION
STRATEGIC TRANSPORTATION INVESTMENTS DIVISION**

PROJECT NO.: _____ ROUTE: _____
 COUNTY: _____ CITY: _____
 PROJECT PIN NUMBER: _____
 PROJECT DESCRIPTION: _____

DIVISION REQUESTING:

MAINTENANCE	<input type="checkbox"/>	PAVEMENT DESIGN	<input type="checkbox"/>
PLANNING	<input type="checkbox"/>	STRUCTURES	<input type="checkbox"/>
PROG. DEVELOPMENT & ADM.	<input type="checkbox"/>	SURVEY & ROADWAY DESIGN	<input type="checkbox"/>
PUBLIC TRANS. & AERO.	<input type="checkbox"/>	TRAFFIC SIGNAL DESIGN	<input type="checkbox"/>
		OTHER _____	<input type="checkbox"/>

YEAR PROJECT PROGRAMMED FOR CONSTRUCTION: _____
 PROJECTED LETTING DATE: _____

TRAFFIC ASSIGNMENT:

BASE YEAR		DESIGN YEAR					DESIGN ROADWAY % TRUCKS		DESIGN AVERAGE DAILY LOADS	
AADT	YEAR	AADT	DHV	%	YEAR	DIR.DIST.	DHV	AADT	FLEX	RIGID

REQUESTED BY: NAME _____ DATE _____
 DIVISION _____
 ADDRESS _____

REVIEWED BY: TONY ARMSTRONG _____ DATE _____
 TRANSPORTATION MANAGER 1
 SUITE 1000, JAMES K. POLK BUILDING

APPROVED BY: _____ DATE _____
 TRANSPORTATION MANAGER 2
 SUITE 1000, JAMES K. POLK BUILDING

COMMENTS:

DHV'S ARE NOT REQUIRED FOR SIDE ROADS LESS THAN 1000 AADT.

NOTE: FOR BRIDGE REPLACEMENT PROJECTS, ADLs ARE NOT REQUIRED FOR ADTs OF 1000 OR LESS AND PERCENTAGE OF TRUCKS OF 7% OR LESS.
 SEE ATTACHMENTS FOR TURNING MOVEMENTS AND/OR OTHER DETAILS.