

July 10, 2001

INSTRUCTIONAL BULLETIN NO. 2001-13

SUBJECT: Request for Traffic Data and Pavement Designs

EFFECTIVE DATE: July 2, 2001

SUPERCEDES: None

RE: None

The form entitled "Request For Traffic Data" has been revised (attached). Under the heading "DATA REQUESTED:" a new line has been added called "Classification Count for Pavement Design". In the future, when traffic data is needed for a pavement design and a more accurate count of the trucks and other vehicular traffic is desired, then the person filling out the form will check, both, the top line "Traffic Loading for Pavement Design" and the second line "Classification Count for Pavement Design. If only a traffic loading count is wanted without the classification count then only the top line is checked. If the second line is not checked, a historical truck count will still be provided as in the past. In all cases, the "Future ADT" under "Controls" should be requested for a 20 year forecast. The "Request For Traffic Data" form is to be sent to the Office of Traffic Counts in Traffic Engineering.

Projects which are described in the STIP by route/road number will require the additional classification count. Other projects will be reviewed on a project by project basis. Guidelines for these other type projects are:

- 1) the project is on a primary route
- 2) the road/route has an unusually high ADT
- 3) the road/route is in a particularly high growth area.

If it is unclear whether or not to do a classification count, one should be requested.

If the percent of trucks is all that is desired then only the second line "Classification Count for Pavement Design" will be checked and the usual location map is provided by the requestor.

Secondary roads typically do not have a formal pavement design developed for them. If a secondary road anticipates high growth or an inordinate number of trucks, then a pavement design may be needed, and a classification count will need to be requested with the traffic loading data in order to perform a pavement design.

At the time a Traffic Data Request is made, a Pavement Design Request with location map should be sent to the Pavement Design Office at the Research Materials Laboratory. The Traffic Data will be forwarded to the Pavement Design Office when it is obtained. Attached is a Pavement Design Request Form that should be used to request a new pavement design. This

new form is available for electronic submittal of your pavement design request. The location map may also be sent in MicroStation format to the Pavement Design Office.

If pavement designs are three or more years old prior to the project being let to contract, then a "Request for Traffic Data" will be submitted to Traffic Engineering. The updated traffic data will then be sent to the Pavement Design Engineer so the pavement design can be reviewed and adjustments made to the original pavement design. A Pavement Design Request Form with a location map should be sent to the Pavement Design Office to request a review of a existing pavement design. When a review is requested, the original pavement design with the project's signed typical section sheets are to be sent to the Pavement Design Office in order to provide a thorough review. At the right of way plans stage, all projects with a pavement design should have their pavement designs checked for the date completed. If the three year period will end near the scheduled letting date of the project then the pavement design should be reviewed with newly acquired traffic data.

Approved: _____
E.S. Eargle
Road Design Engineer

ESE:afg

Attachment

cc:

Proj. Dev. Engr. Walsh
Proj. Dev. Engr. Kneece
CRM East
CRM West
CRM Manager Barwick
Contract Documents Facilitator Frick

File: PC/ESE

REQUEST FOR TRAFFIC DATA

DATA REQUESTED:

- Traffic Loading for Pavement Design
- Classification Count for Pavement Design
- Design Data
- Intersection Two-Way Traffic Flow (ADT)
- Intersection Turn Movements
- Other (Explain) _____

LOCATION: COUNTY _____ ROUTE/ROAD _____

From _____ To _____
(ATTACH MAP)

CONTROLS:

For Pavement Loading

For Design

	<u>Year</u>	<u>ADT</u>
Base Year	_____	_____
Middle Year	_____	_____
End Year	_____	_____
No. of Lanes	_____	
Pavement Type		_____
Rigid		_____
Flexible		_____
Road Group		_____
Lane Distribution		_____
Trucks (% ADT)		_____

	<u>Year</u>	<u>ADT</u>
Present ADT	()	_____
Future ADT	()	_____
Design Speed (V)	_____	_____
K% _____ D% _____		
Trucks		
% ADT _____		
% DHV _____		
Other _____		

FURNISH COPIES OF TRAFFIC DATA TO:

- Environmental Coordinator
- Road Design Engineer
- Bridge Design Engineer
- Project Manager
- Project Development Engineer
- Research & Materials Lab

Requested By: _____
 Section: _____
 Date: _____

03/11/2002

PAVEMENT DESIGN REQUEST

Date Sent _____
to P.D.

(Mail or Email)

Date Received _____
by P.D.

New Pavement Design _____ or Pavement Design Review _____

Road Design Group Coordinator / Program Manager: _____

Road/Route: _____ Intersection Roads: _____
(List all over 500 LF) _____

From: _____

To: _____

County: _____

Type of Construction: _____

WE - Widening with Earth Median

NL - New Location *

WPC - Widening with Paved Median about Centerline

Other - Please Explain *

WPV - Widening with Paved Median, Variable

* Perform comparison of Flexible vs Rigid Pavement Design _____ (Yes/No)

Brief Description of Proposed Work: _____

Project Length: _____

Date Plans & Map Sent: (Mail / Email) _____

Comments: _____

Traffic Counts Requested? _____ (Yes/No)

Classification Count Requested? _____ (Yes/No)

Date Design Needed: _____

Charge Code: _____

File Number: _____

Pin Number: _____

Proposed Letting Date: _____

Comments: _____