

**From:** [Brian Farr](#)  
**To:** ["Steve Daniel"](#)  
**Subject:** FW: GDOT traffic explanation -- ORR  
**Date:** Wednesday, May 16, 2012 1:40:01 PM

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**From:** Ken Sheets [mailto:ksheets@co.bibb.ga.us]  
**Sent:** Wednesday, May 16, 2012 1:15 PM  
**To:** 'Van Etheridge'; Sherri Sawyer; Shelia Thurmond  
**Subject:** FW: GDOT traffic explanation -- ORR

-----Original Message-----

**From:** Holliday Dental [mailto:teeth@mindspring.com]  
**Sent:** Wednesday, May 16, 2012 1:08 PM  
**To:** Ken Sheets; Virgil Adams; Steve Layson; Sam Hart; Joe Allen  
**Cc:** McQueen, Thomas; VanDyke, Cindy; Douglas Park; GiGi Rolfes; Tony Blash; James Webb; James Webb; Lindsay Holliday; Mary Ann Richardson; Nicholas Pietrzak; Peggy Mohammed; Ron Lemon; Stella Tsai; Susan Hanberry - Martin; Tim Thornton; Tony Cunningham; Tony Cunningham; Amanda Upshaw; Dan Fischer; Lee Martin; Susan Long; Lee A. Johnson; Louis Michael Ryan; Lynn Farmer; smarshall@; Stucka, Mike; Victor Jones; [tomscholl@cox.net](mailto:tomscholl@cox.net); [Chris@clarksmithlaw.com](mailto:Chris@clarksmithlaw.com)  
**Subject:** GDOT traffic explanation -- ORR

Mr. Ken Sheets:

This email is an **Open Records Request for the Calculations** used to justify the [Traffic Projections](#) for the [Forest Hill Road](#) Project. Thank you in advance.

- Lindsay Holliday

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From: "McQueen, Thomas" <[tmcqueen@dot.ga.gov](mailto:tmcqueen@dot.ga.gov)>  
Date: Fri, 11 May 2012 16:15  
Subject: RE: GDOT traffic explanation -- ORR

Mr. Holliday,

The design and accompanying traffic projection & calculation activities were conducted by Bibb County through their consultant. The contact at the County engineering department for you to pursue this request is Mr. Ken Sheets, Bibb County Engineer, at 478-621-6660. Thank you in advance.

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**Tom McQueen, AICP**  
Asst. Statewide Planning Administrator  
GDOT Office of Planning  
600 West Peachtree St NW, 5th Floor  
Atlanta, GA 30308

**From:** Holliday Dental [mailto:teeth@mindspring.com]  
**Sent:** Monday, May 07, 2012 7:58 PM

**To:** McQueen, Thomas; VanDyke, Cindy  
**Cc:** Douglas Park; GiGi Rolfes; Tony Blash; James Webb; James Webb; Lindsay Holliday; Mary Ann Richardson; Nicholas Pietrzak; Peggy Mohammed; Ron Lemon; Stella Tsai; Susan Hanberry - Martin; Tim Thornton; Tony Cunningham; Tony Cunningham; Amanda Upshaw; Dan Fischer; Lee Martin; Susan Long; Lee A.Johnson; Louis Michael Ryan; Lynn Farmer; smarshall@; Stucka, Mike; Victor Jones; [tomscholl@cox.net](mailto:tomscholl@cox.net)  
**Subject:** Re: GDOT traffic explanation -- ORR

Mr. McQueen,

This email is an **Open Records Request for the Calculations** used to justify the [Traffic Projections](#) for the [Forest Hill Road](#) Project.

Several of us have studied these sections in the helpful links you sent :

<http://www.dot.ga.gov/doingbusiness/PoliciesManuals/roads/DesignPolicy/GDOT-DPM-Chap13.pdf>

13.2. Traffic Projections

13.2.1. Base and Design Year Volumes

13.2.2. Urban Area Transportation Models

13.2.3. Historical Traffic Growth Trends

13.2.4. Generated Traffic

13.2.5. Traffic Projection Calculations

We have discovered reasons to believe that it is possible that the subcontractors for this project may have made some errors in calculating the traffic projections according to GDOT policy.

Thank-you,

- Lindsay Holliday

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At 08:46 AM 5/4/2012, McQueen, Thomas wrote:

Mr. Holliday,

The information you are seeking is on the GDOT website at:

<http://www.dot.ga.gov/doingbusiness/PoliciesManuals/roads/DesignPolicy/GDOT-DPM-Chap13.pdf>

Thanks.

**From:** Holliday Dental [ <mailto:teeth@mindspring.com> ]

**Sent:** Thursday, May 03, 2012 06:48 AM

**To:** McQueen, Thomas

**Cc:** Douglas Park <[dpark848@bellsouth.net](mailto:dpark848@bellsouth.net)>; GiGi Rolfes <[volmacon@bellsouth.net](mailto:volmacon@bellsouth.net)>; Tony Blash <[tony.blash@cox.net](mailto:tony.blash@cox.net)>; James Webb <[jhw@mylink.net](mailto:jhw@mylink.net)>; James Webb <[jhwebb@sheridansolomon.com](mailto:jhwebb@sheridansolomon.com)>; Lindsay Holliday <[teeth@mindspring.com](mailto:teeth@mindspring.com)>; Mary Ann Richardson <[mar5331@cox.net](mailto:mar5331@cox.net)>; Nicholas Pietrzak <[npietrzak@cox.net](mailto:npietrzak@cox.net)>; Peggy Mohammed <[peggymohammed1@yahoo.com](mailto:peggymohammed1@yahoo.com)>; Ron Lemon <[lemondoc@bellsouth.net](mailto:lemondoc@bellsouth.net)>; Stella Tsai <[sitkdd@gmail.com](mailto:sitkdd@gmail.com)>; Susan Hanberry - Martin <[shanberry@stratford.org](mailto:shanberry@stratford.org)>; Tim Thornton <[tdthornton@bellsouth.net](mailto:tdthornton@bellsouth.net)>; Tony Cunningham <[tony.cunningham@robins.af.mil](mailto:tony.cunningham@robins.af.mil)>; Tony Cunningham <[extempo1992@yahoo.com](mailto:extempo1992@yahoo.com)>; Amanda Upshaw <[amanda\\_u\\_31211@yahoo.com](mailto:amanda_u_31211@yahoo.com)>; Dan Fischer <[fischer\\_dp@mercerc.edu](mailto:fischer_dp@mercerc.edu)>;

Lee Martin <[mermaidlover@bellsouth.net](mailto:mermaidlover@bellsouth.net)>; Susan Long <[salong946@cox.net](mailto:salong946@cox.net)>; Lee A. Johnson <[leeajay@cox.net](mailto:leeajay@cox.net)>; Louis Michael Ryan <[lmryan2003@yahoo.com](mailto:lmryan2003@yahoo.com)>; Lynn Farmer <[lynnfarmer4@gmail.com](mailto:lynnfarmer4@gmail.com)>; [smarshall@macon.com](mailto:smarshall@macon.com) <[smarshall@macon.com](mailto:smarshall@macon.com)>  
**Subject:** GDOT traffic explanation -- ORR

Mr McQueen,

This email is an Open Records Request for GDOT policies and procedures for the creation and use of Traffic Projections.

We have received the explanation below about ADTs and AADTs; however, that was not the issue raised by GDOT comments at the MATS Policy [meeting](#) on Feb 1, 2012.

The issue is GDOT use of arbitrary, manufactured Traffic Projections to justify supersized roadway construction projects that have significant costs and collateral damage to the public welfare.

Please respond with email copies to the CAC members and citizens listed in this email cc field.

Thank-you,  
- Lindsay Holliday

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From: "McQueen, Thomas" <[tmcqueen@dot.ga.gov](mailto:tmcqueen@dot.ga.gov)>  
To: "teeth@mindspring.com" <[teeth@mindspring.com](mailto:teeth@mindspring.com)>  
CC: "VanDyke, Cindy" <[cyvandyke@dot.ga.gov](mailto:cyvandyke@dot.ga.gov)>  
Date: Wed, 2 May 2012 08:49  
Subject: GDOT traffic explanation

Dr. Holliday,

This is the follow-up to the explanation of the level of precision of ~~the~~ STARS ~~and~~ traffic counts and ~~the~~ design ~~and~~ traffic counts:

Average Annual Daily Traffic (AADT) is defined as the average of measured 24-hour traffic volumes at a given location over a full, 365-day year. This means the total of vehicles passing the site in a year divided by 365. GDOT's State Traffic and Report Statististics (STARS) and Traffic Polling & Analysis System web pages provide AADT counts collected from permanent and portable traffic collection devices located throughout the state representing most segments of Georgia's State Highway System.

In contrast, for the design phase of a project the design engineer uses ~~the~~ base ~~and~~ design ~~and~~ years traffic volumes (ADT). ~~the~~ Average Daily Traffic (ADT) is defined as the average of 24-hour traffic volumes for a given location for some period of time less than a year. While AADT is measured over a full year, an ADT may be measured for six months, a season, a month, and a week or as little as two days. Therefore, an ADT is valid for the period for which it was measured.

The base year ADT for an existing roadway is calculated from real traffic counts and

adjusted to reflect appropriate axle, seasonal, and daily factors. For accuracy, the axle factors are obtained from a vehicle classification count conducted at the same time as the traffic counts. Unlike AADT, base and design year ADTs are determined for each link of the roadway between major intersections and for each side street.

Source: GDOT Design Policy Manual ver. 2.0 Revised 12/16/2011

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