



ALABAMA DEPARTMENT OF TRANSPORTATION

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January 9, 2012

Robert Bentley
Governor

Received & Inspected

John Cooper
Transportation Director

JAN 30 2012

FCC Mail Room

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th St. SW
Washington, DC 20554

Dear Ms. Dortch,

The Alabama Department of Transportation (ALDOT) would like to express its concern over the proposed LightSquared frequencies currently awaiting FCC approval. Based upon reports from the Technical Working Group created to study this issue, we oppose LightSquared's request to affirm its license and request to go forward with its plan until we can be assured that it will not interfere with high-precision GPS.

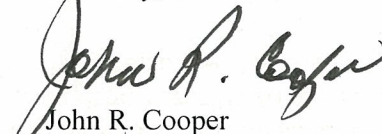
ALDOT maintains a statewide GPS network which allows users to obtain precise positioning anywhere in the state. This system is used by ALDOT for surveying activities related to the design and construction of transportation projects and other agencies within the state to develop accurate geospatial data which is critical to the state's daily business operations. Examples of this type data are accurate aerial photography used by Alabama Homeland Security, Alabama Emergency Management Agency, and other agencies. Accurate elevation data is also used to modernize FEMA Flood Maps along with the surveying needed to determine locations of structures within flood hazard areas. This same data is used by ALDOT for the planning and design of transportation facilities.

Other uses of this system include machine control and guidance for Precision Agriculture and Construction, Boundary Surveying, Traffic Accident Surveys, Infrastructure Inventory and Management, along with numerous others that rely on high-precision GPS.

Degradation of GPS Positioning would have an adverse impact on the daily operations of this agency, as well as, numerous other Local, State, and Federal agencies which rely on accurate positioning to meet their business needs. Allowing this plan to move forward without resolving this issue will cause undue hardships on the government agencies and private businesses which rely on this service.

Thank you in advance for your assistance in this matter.

Sincerely,


John R. Cooper
Transportation Director

Cc: Mr. D. W. Vaughn, PE
Mr. Rex F. Bush, PE/PLS
Mr. William F. Adams, PE