

September 21, 2018
Denton County
701 Kimberly Dr.
Denton, TX 76208

Federal Communications Commission
1270 Fairfield road
Gettysburg, PA 17325-7245

Application Narrative for Proposed Equipment

Proposed Program

Denton County is a local government entity with an information technology program which supports the Sheriff's Office and 43 additional public safety police, fire, and medical service providers. The proposed location of the GPS re-radiating equipment is owned and solely managed by the County of Denton and its technology staff.

The proposed program to bring GPS signal availability into the vehicle workshop will provide a needed indoor location for performing maintenance on GPS enabled products and devices in addition to providing a controlled environment for further testing and evaluation of GPS technologies to enhance or broaden public safety technologies. GPS location enabled products provide an interesting opportunity to explore the potential benefits of incorporating location awareness with the latest technologies to provide a safer operatorial environment for our public safety agencies.

Objectives

We seek to accomplish the following objectives:

1. Illumination in part of the vehicle workshop illustrated with a GPS radiation path to allow for indoor testing and experimentation for continued exploration of GPS technologies to provide innovative applications which allow us to continue providing the safest environment possible.
2. Further design, development, and enhancement of existing GPS applications to provide greater efficiency and more effective means of utilizing GPS derived information.
3. Ability to troubleshoot and repair GPS systems without having to endure the costly time and expense to relocate the equipment outdoors while providing a safe work environment for our staff.