

I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.

DATE: January 18, 2016
TO: Division Engineer, Design
Attn: Design Standards
FROM: Gateway Green Light Program
St Charles County, MO
SUBJECT: Design
Route: Various – St Charles County
Gateway Green Light Project
Job No. CMAQ 5414(623)
Public Interest Finding

State Design Engineer

With reference to the above mentioned project, we request approval of a finding in the public interest to use Ubiquiti PowerBeam PBE-M5-400 Radios and accessories for the Gateway Green Light (GGL) project.

The GGL Phase 2 project used this specific device as part of existing Intelligent Transportation Systems (ITS) currently deployed in the St Louis District. The Gateway Green Light Phase 3 project will closely integrate both new device and communication protocols with existing GGL systems. It is therefore desirable that the new point to point radios match with their existing deployments for such a device.

Past field performance has demonstrated that this product is relatively inexpensive, durable, and easy to operate. It will not differ from existing GGL inventories, nor will it necessitate additional training of personnel.

Approval of this request at your earliest convenience would be appreciated. This project has a submittal deadline of February 5, 2016 for final plans.