



The Public Utilities  
Commission of Ohio

Public Utilities Commission of Ohio  
Ohio 9-1-1 Service Program  
180 East Broad Street, 3rd Floor  
Columbus, OH 43215

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Case 05-1114-TP  
EMG

Wireless 9-1-1 Government Assistance Fund  
**PUCO**  
Expenditure Opinion Form

**Contact Information**

|                   |                             |            |                     |
|-------------------|-----------------------------|------------|---------------------|
| Jurisdiction Name | Miami County                | Date       | March 1, 2012       |
| Name              | Jeffrey J. Busch, Director  |            |                     |
| Street Address    | 210 Marybill Drive          |            |                     |
| City              | Troy                        | State      | Ohio Zip Code 45373 |
| Phone Number      | (937) 332-7631              | Fax Number | (937) 339-5775      |
| Email Address     | director@miamicounty911.com |            |                     |

**Category**

1. ORC 4931.65 defines the cost categories which are appropriate expenses under the Wireless 9-1-1 Government Assistance Fund. Please check one of the items below which most closely categorizes the proposed expenditure.

DATA ☒ HARDWARE ☐ SOFTWARE ☐ TRUNKING ☐ TRAINING ☐

**Function**

2. For the item checked above (other than training), please check all items below which describe the function to be accomplished within the proposed expenditure.

DESIGNING ☐ UPGRADE ☐ PURCHASE ☐ LEASE ☐  
PROGRAMMING ☐ INSTALLATION ☐ TESTING ☐ MAINTENANCE ☒

**Description**

3. Please describe, in detail, the proposed expenditure from the Wireless 9-1-1 Government Assistance Fund.

Miami County is in the process of designing a redundant microwave/fiber network that will be utilized to connect our primary Public Safety Answering Point (PSAP) at our Communication Center with our backup Alternate Dispatch Center, located in the County's Safety Building. This network is critical to properly maintain and backup the mapping and other systems that are required for the public safety answering point of the Miami County 9-1-1 system to provide wireless enhanced 9-1-1 services. The project includes erecting a tower to be one of three points in a series of microwave links necessary to create a redundant network. It includes placing the microwave equipment on the tower and placing it on the roof of the County's Safety Building and on the tower at the Communication Center.

### Relation to Wireless E9-1-1

4. Please describe how this expenditure relates to the provision of Wireless Enhanced 9-1-1 (E9-1-1) within your jurisdiction.

Wireless enhanced 9-1-1 users in Miami County are served by a single communications center, located at 210 Marybill Drive, Troy, with a backup site, referred to as the Alternate Dispatch Center, located at 201 West Main Street. The servers and software for the system are located at the Communication Center and are periodically backed up utilizing tapes that carry data to transfer to backup servers located in the Safety Building. The current system of backing up *the mapping information allows for gaps in what would be available should the primary center be evacuated.* Additionally, Miami County has only one PSAP, so there is no other active PSAP to re-route calls to in the event of the catastrophic loss of the primary PSAP.

### Necessity of Expenditure

5. Please describe how this proposed expenditure is necessary for the Wireless E9-1-1 system in your jurisdiction.

In the event of a loss of the primary site, data in those servers would be lost dating back to the most recent transfer of tapped information. The mapping server, which is utilized for locating enhanced wireless 9-1-1 callers, is not currently backed up and in the event of the loss of the primary site and move to the Alternate Dispatch Center we would not have the ability to locate enhanced 9-1-1 callers. Completion of this project will allow Miami County to back up the mapping and do it on a consistent, realtime basis.

### Cost Distinction from Wireline 9-1-1

6. ORC 4931.65 states that expenditures from the Wireless 9-1-1 Government Assistance Fund must consist of "additional costs of the 9-1-1 system over and above any costs incurred to provide wireline 9-1-1." Please describe how this proposed expenditure is separate and distinct from costs related to wireline 9-1-1.

The project is to ensure that current mapping information is available to enable us to provide proper location of Phase II wireless callers when the Alternate Dispatch Center is activated. Clearly, such mapping capabilities are not an absolute necessity when the address is provided during a wireline call.