

## 2b - Replacement of Network Backbone

1. **Program Area:**  
CAPITAL IMPROVEMENTS
2. **Agencies and Departments involved:**  
CEO Information and Technology would implement this project.
3. **New or previously identified in earlier Strategic Financial Plans, if previously identified, what has changed and why:**  
This project is a new strategic priority.
4. **Description of the project/program - what it is and what it will achieve:**  
In 1998, the County installed an Asynchronous Transfer Mode (ATM) System (high-speed data network). The equipment was purchased from Newbridge Networks. The equipment is no longer supported or maintained by the vendor and will no longer support the growth of the data network. A brand new network with new technology needs to be installed to carry data, network, and other traffic.
5. **Personnel - will the program/project require additional staffing? If so, estimate number of positions:**  
No additional County personnel is required.
6. **Cost - estimate and identify costs:**  
Please refer to the attached spreadsheet for cost information.
7. **Potential Funding Sources:**  
The General Fund  
The project costs are shown through 6/30/2011 as the Data Center contract with ACS will end and it is anticipated that this will result in changes to the strategic planning process for County of Orange Information Technology that are unknown at this time.  
  
*Please refer to the attached spreadsheet for funding information.*
8. **Community Awareness (stakeholders):**  
Stakeholders are agencies and departments using data, network and telephone transmissions over the County network.

**9. Mandated or discretionary:**

Replacing the network is not mandated but is necessary, as the equipment is no longer supported. In case of malfunction, it may be difficult or impossible to fix the equipment.

**10. Implementation period if funding were available:**

The majority of the implementation would take place over the next three years.

