CompTIA.
Public Technology Institute
2022 SOLUTIONS AWARDS

GIS (Geospatial Information Systems)
Population 50,000 to 249,999
COUNTY OF ROANOKE, VA
Capital Improvement Program (CIP) Web Application

Roanoke County, Virginia's Capital Improvement Program (CIP) application is a customized solution that addresses the County's need to empower their citizens with information about projects submitted to the Board of Supervisors (BOS) for approval. The app was created using the Esri ArcGIS for Enterprise platform with accessibility in mind, and an emphasis was placed on integrating the latest technologies to ensure mobile compatibility and the use of location services. The CIP is a detailed ten-year listing of projects submitted to the BOS for approval. For the purposes of the CIP, a capital project is defined as having a countywide benefit, a cost in excess of $100,000, and a lifespan of over five years or, if funded by bonds, a lifespan at least equal to the length of the bond

issue. This can include items such as reconstruction or replacement of buildings or equipment, new construction or development, and acquisition of property and equipment. The CIP application offers government transparency to its citizens, by including project information in an easy-to-use and mobile solution. Citizens and staff are no longer tied to desktop computers, as the app can be used on a variety of mobile devices, from any location. This increased ease-of-use helps streamline the day-to-day operation of staff while giving citizens access to CIP data whenever, and wherever, they choose. Please click on the following link to launch the CIP application: https://gisweb.roanokecountyva.gov/cip/viewer.html.