



LIBRARY BROADBAND IMPROVEMENT PLAN

Purpose of this Document:

- Identify immediate (performed during Toolkit Assessment) and short-term (0-3 months) actions library can take to improve broadband and related IT performance and operations.
- Identify longer term (3-12 months) actions library can take to improve broadband and related IT performance and operations.
- The technical consultant will work with the library on this plan during the site visit and the library will submit it to the project team in order to track trends in action items, and identify other means of support for action items, if available.
- “Sample” action items anticipated by the project are listed below.

Directions:

Review Toolkit Assessment workbook to identify any gaps or issues uncovered, including any recommended mitigation strategies, to help populate this Improvement Plan. Some of the potential “fixes” or mitigation strategies are identified in the Toolkit, depending on how the question was answered. Try to identify at least two short and long term actions.

SHORT TERM ACTION PLAN (0-3 MONTHS)

Action	Intended Result	Resources Required	Timeline
Move WiFi router from back of library to central part	Improve throughput in library, reduce dead spots	Additional LAN cabling	One month
Obtain information on contract with broadband service provider, including speeds, SLAs, contract time, costs, etc.	Understand what speeds library should be seeing, calculate cost per Mbps, understand if there is recourse for missed speeds.	Name of service provider and billing name/information.	One week

LONG TERM ACTION PLAN (3-12 MONTHS)

Action	Intended Result	Resources Required	Timeline
Contract with an additional area broadband service provider and bond/combine with existing broadband capacity	Increase broadband capacity at library	Additional broadband connection and equipment to combine connection	6 months
Install WiFi repeaters	Reduce dead spots, increase access to WiFi outside of library for off-hour use	WiFi repeaters	5 months
Participate in E-Rate program	Obtain a subsidy for the broadband connection and inside wiring to improve broadband connections and connectivity	Support from State Library, E-Rate consultant (possibly)	12 months