



EDUCATIONAL SYSTEMS PLANNING

Morris Hills (NJ) Regional District Morris Hills High School Morris Knolls High School

Working with SSP Architects, ESP is providing technology consulting and facilities design services for an academic addition and modernization of selected classroom spaces at both high schools. In addition, ESP designed voice, video and data communications upgrades to existing non-renovated portions of both buildings, to enable the District to make those upgrades as funding becomes available. ESP is able to accomplish this through a commitment to standards based cabling, and space allocation.

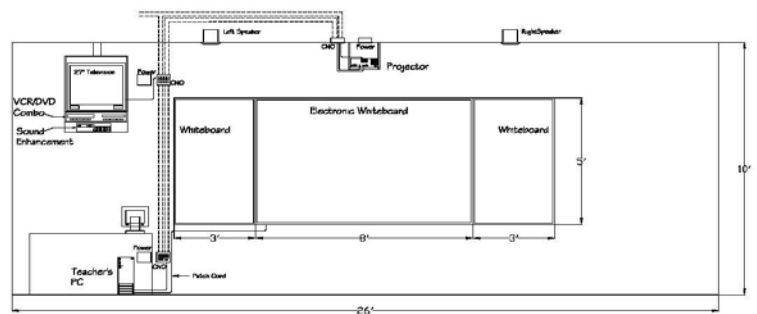
Classroom and other instructional areas will be equipped with an integrated sound enhancement and audio/visual presentation system from the teacher's workstation to ceiling mounted speakers and LCD projector. Technology has been carefully planned so to implement the District's desired learning environment and coordinate with the Goals 2010 Curriculum Master Plan

The design involves a sophisticated construction-phasing scheme that will allow complete operation of technology systems during construction.

The school communications network design incorporates a combination traditional MDF/IDF and collapsed backbone design with extensive use of fiber optic cable to many computer labs and other learning areas. In addition, communications infrastructure has been designed for maximum future growth and flexibility. ESP is also responsible for design and specification of the intercom and telephone communications systems, video and alarm security as well as the voice, video and data communications infrastructure.

Relevance

- Academic addition at each school
- Major renovation of selected classrooms
- Technology upgrade of non-renovated spaces
- Phased occupancy during construction
- Emphasis on classroom technology
- Wireless
- AV presentation to ceiling LCD projector
- Sound enhancement system
- SSP Architects, Somerset, NJ
- Non-NJSCC (Referendum Project)



Morris Hills School District
Enhanced AV Projection System
Classroom Elevation