

METROPOLITAN SERVICE DISTRICT HEADQUARTERS

PORTLAND, OREGON

PROJECT DESCRIPTION:

In keeping with its mission to encourage recycling, Metro "recycled" an old, unused, multi-story building (formerly housing a Sears store) for its new headquarters. This extensive and innovative remodel created a council chambers used for the Metro Council's public meetings, and well as offices and support space for counselors and staff, other facilities to serve the public, and daycare for employees' children.

ACSI'S RESPONSIBILITIES:

ACSI completed the planning, design and construction management services for the installation of a horizontal and riser backbone cabling system to meet the data and telecommunications needs of this 300+ employee public agency. ACSI's scope of work included the design and construction management of:

- Horizontal Telephone Wiring System
- Horizontal Data Wiring System, 100 Mbit UTP
- Telephone Vertical Riser Wiring System
- Horizontal Fiber Optic Data Highway

The requirements of this project included the establishment of procedures for testing and documentation of the installed cables and fiber to confirm compliance with the requirements of EIA/TIA 568 Commercial Building Wiring Standard.

Metro also engaged ACSI to design the sound and audio/visual systems for the facility. State-of-the-art sound and A/V systems were designed for the council chambers, which included:

- Microphones Permanently Mounted In The Dais
- High-Density Overhead Loudspeaker System Fully Automatic Microphone Mixing and Volume Control
- Very Simple Operation via Custom Control Panels
- Outsets for Direct Connection to News Media Equipment
- Motorized Projection Screen
- Concealed, Remotely Controlled Television Cameras

In addition, a building-wide audio paging system was designed. ACSI also managed the construction of the systems, performed final adjustments and tuning to optimize the overall acoustical performance, and insured that the design goals were met.

