



Case Study: DOT Harbors SharePoint e-libraries

Client: State of Hawai'i Department of Transportation – Harbors Division

Contract Type: Prime Contractor

Technology Stack: SharePoint Online, Microsoft Exchange, Metadata Frameworks, Role-Based Security

Challenge:

The DOT Harbors Division required a modernization of its SharePoint-based eProcurement document management system. The existing setup lacked robust metadata governance, document categorization, version control, and user access protections—limiting efficiency and compliance.

Solution:

Zee Solutions delivered a full overhaul of the SharePoint e-Libraries by:

- Establishing metadata frameworks with enforced fields and standardized dropdowns
- Implementing role-based access controls with Microsoft Exchange integration for secure contact management
- Enabling automated versioning and file history tracking
- Enhancing user interface with filtered views, primary topic columns, and intuitive navigation
- Providing continuous end-user training and SharePoint optimization to maintain sustainability

Outcomes:

- Full-scale modernization of document management using metadata and automation
- Strengthened document security through defined roles and external access restrictions
- Enhanced findability and workflow efficiency via filtered views and metadata-driven organization
- Seamless integration with Microsoft Exchange and proactive support to maintain platform integrity