

TELECOMMUNICATIONS STANDARDS: THE BASICS

Deborah Ludford

A decorative graphic consisting of several parallel white lines of varying thicknesses, slanted diagonally from the bottom-left towards the top-right, located on the right side of the slide.

- ▶ History
- ▶ Responsibilities
- ▶ Key Deliverables
- ▶ Processes
- ▶ Modifications
- ▶ Key Contacts
- ▶ Questions?

AGENDA

- ▶ Based on Cal State Standards
- ▶ Originally developed in 1999
- ▶ Revised in 2015 and again in 2017
- ▶ Developed jointly – I.S. and ACT Managers
- ▶ Designed for Architect, EE, HVAC, Civil Engineers and Telecomm Engineers to use as a guide telecomm at the District
- ▶ Objective to provide longevity and functionality for applications changing over time

HISTORY

Available at:

<https://www.nocccd.edu/cabling-infrastructure-guidelines>

RESPONSIBILITIES



- ▶ Copper: Systimax standard with Cat6A with Cat5E as an alternative
- ▶ Fiber: Sumitomi standard
- ▶ Wall and ceiling connections per the standard
- ▶ Matrix which defines key deliverables by each party
- ▶ 50%, 75% and 100% drawings reviewed and approved

KEY DELIVERABLES

PROCESSES

- ▶ Matrix development and agreement
- ▶ Bid process which cites standards and uses sample specifications in response-reviewed by Information Services
- ▶ Plan reviews to make sure standards met
- ▶ RFI's for telecommunications and technology with enough time for response-involves District Technology Roundtable
- ▶ Bid closeout documents for warranties

- ▶ Request in writing to I.S. and District Facilities
- ▶ Reviewed by District Technology Roundtable – recommendation formed
- ▶ Final signoff is Vice Chancellor, Finance and Facilities

MODIFICATIONS

- ▶ Peter Teipe pteipe@nocccd.edu
 - ▶ Attends weekly meetings for all projects (Quamrul Shahid may substitute)
 - ▶ First line of response for RFI's and questions
 - ▶ Receives and reviews plans
 - ▶ Send closeout warranties to Peter
- ▶ Nick Wilkening nwilkening@nocccd.edu
 - ▶ Backup for Peter
- ▶ Deborah Ludford dludford@nocccd.edu
 - ▶ Forwards items to DTR as needed
 - ▶ Final signoff on all plans/documents
- ▶ Fred Williams
 - ▶ Final signoff on any deviation from the standards

KEY CONTACTS

QUESTIONS?

