Introduction to RS Means

Week 3
Construction Estimation, Planning
and Control

Numbering

- Level 1: CSI MasterFormat division no.
- Level 2,3: CSI
- Level 4: Means number
- Level 5: Means 12 digit line number

XXXXX-XXX-XXXX

Structure

- Description
- Reference Number → Reference Section
  - Procedure, Alternate Pricing, Tech. Information
- Crew codes
  - Cost per labor hour (labor and associated equipment operation)
- Productivity
  - *X* Daily Output and *Y* labor-hours for unit work
- Unit
- Bare Costs
- Total Costs

Productivity

- X Daily output/ 1 crew-day
- # of crew days = (quantity in Units) / X
- Y labor-hours for installing 1 Unit of work
- # of labor-hours = (quantity in Units) * Y
- 1 crew-day = X * Y labor-hours

Costs

- Bare labor hour costs: (crew specific) * Y
  - *Cost / Unit installation*
- Bare equipment costs: (crew specific) * Y
  - *Cost / Unit installation*
- Total bare costs: Sum(Mat. + Lab. + Equip.)
- Total costs Inc. O&P: add 10%

Other Sections

- Assemblies
- References
- Crews
- Cost Indexes
- Location factors