## CHANGES IN THE WORK

- 3 kinds of "modification"
- Change Order
- Construction Change Directive
- Minor Change in the Work
- Additive versus Deductive Change
- Relative bargaining strength
- During bidding, the Owner
- During construction, the Contractor
- Entitlement to a change order
- Compensable event
- Excusable event
- Inexcusable event
- $\quad$ Requirements for a verbal change order
- Work not included in the contract
- Extra work ordered by the owner
- The Owner agreed to pay extra
- The Contractor didn't do the extra work voluntarily
- Extra work not the Contractor's own fault
- Cardinal change
- Limitations on the Owner's authority
- Agency laws
- Public projects


## DELAYS

- Basic concepts
- Commencement, notice to proceed
- Substantial and Final Completion
- Acceleration
- Critical Path
- Early completion
- Owners often offer a bonus
- Not always beneficial to Owners
- Force Majeure
- Owners’ delay damages
- Hard costs, i.e., insurance, rent, interest, etc.
- Consequential costs, loss of use
- Liquidated damages
- Contractors' delay damages
- Hard costs, subcontractor claims
- Extended field overhead ("general conditions")
- Extended home office overhead (Eichleay)
- "No damages for delay" clauses
- Critical Path scheduling


## PAYMENT

- Progress payments
- Based on the percentage of completion (early)
- Based on the balance of contract (later)
- Payment upon completion
- Substantial completion - withholding for punchlist
- Final completion - wavier of claims
- Retainage
- Lien waivers
- Current
- Trailing
- To date
- The escrow process
- Doctrine of Substantial Performance


## SURETY BONDS

- Relationship among surety, principal and owner/client
- Like a co-signor
- Owner/client is third party beneficiary
- Bid bonds
- Performance bonds
- Payment bonds
- Surety's defense: alteration of the construction contract

