

***DOT WORK
SESSION:***

***DESIGN
AND
CONSTRUCTION***

For the informational
handouts on the work session
look at D.O.T Design +
Construction file folder

Also tape 7A

John Scribner

Project development.
Couldn't define project costs etc
Criticized so developed
Capital project development system

Don Drake

348 capital projects
128 people

1. Projects are managed
2. Budget determines projects

project moves thru various stages
until it gets to completed status

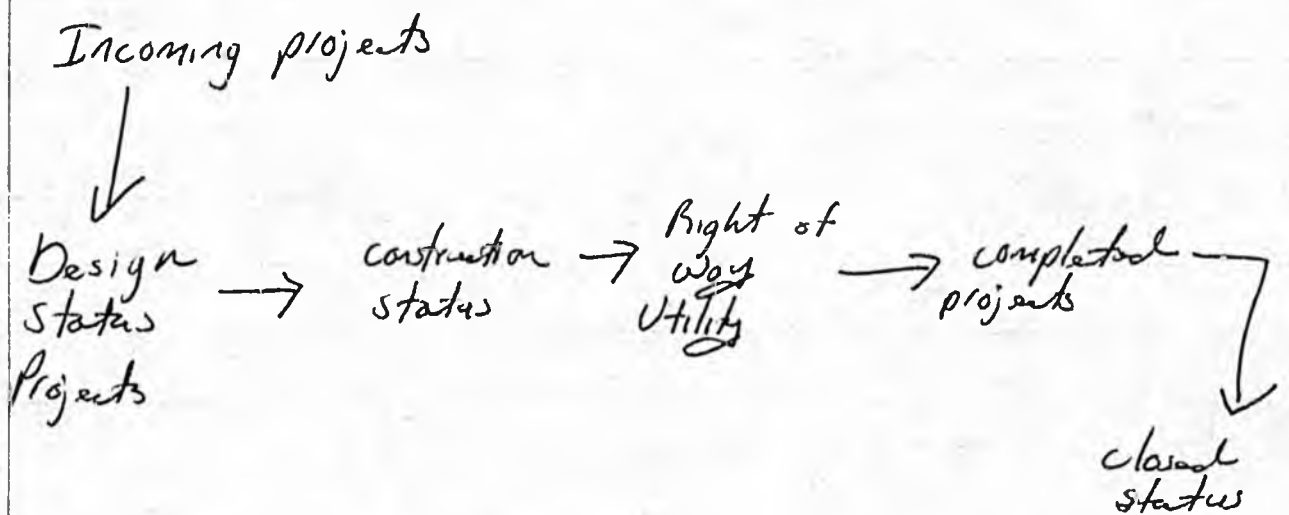
Management standpoint — operating
— capital
Need to know

1. Who has control
2. What is status of project
3. Problems
4. What is \$ amount

Capital —

- A myriad of individual projects with continuing approp.
- Pays for all projects.
Specific development cost (Design
how acquisition.)

Capital project development process



Now can calculate previous years and project ratios now because projects so clean.

64 projects have given great data

Cost of P.O.T D+C = ~~25~~ 25%

Part of management process is to take data + analyze

Must set clear design objectives

Need to set objectives for ourselves

Must met most objectives.

Engineers estimate + or - 10%

Measure this quarterly.

Manage within 10% of project value

Hold contractor to costs

Don't allow delays → overruns

what % don't fall within 10%
at bid opening

In FY 87 -

31% with 10%

FY88 50%

Foster

Don

Foster

Are they too high or too low

Don

Usually too low

Foster

On small projects - do D+E costs run higher

Don

Yes because it's difficult to design a project with a total costs of say \$12,000

Hudson

Where is system does lifecycle analysis come in

No real direction to look at lifecycle costs - Statutes say should but don't as yet.

Do it with now with pavement. How long do you want pavement to last. Then need to spend more if want to last longer

Side B

Don

The development plan process allows project to keep moving. The longer it stays in an area the more costs accumulate. Monthly report shows where project is - who has responsibility for it etc

Foster

Aside from budget - what can legislature do to make job easier.

Scriber

- Couldn't do job before but now
getting things under control now

Adjourned 9:15 AM