

Landscape/Goals for R&D

- Goal: Barrel+structure ready Summer/Fall 06 (run07)
- Goal: Endcaps ready Summer/Fall 07 (run08)

- RIKEN funds available 03, 04, 05
- DOE construction funds
 - goal is FY05
 - ambitious, requires proposal this Fall
- Interest from PHENIX/France, funds?

- Plan A, assume RIKEN/DOE construction funds
- Plan B, assume DOE funds late,
 - use RIKEN funds to get partial barrel ready for run07
 - not yet developed



R&D

Much ongoing effort, supported by

- RIKEN, LANL LDRD, ISU university funds, SUNY-SB funds

R&D Priorities JY03/(DOE early FY04)

- pixel pilot and signal bus
- pixel FEM
- strip readout/FEM
- ministrip readout

DOE Later FY04 (when device better specified)

- mechanical support/cooling



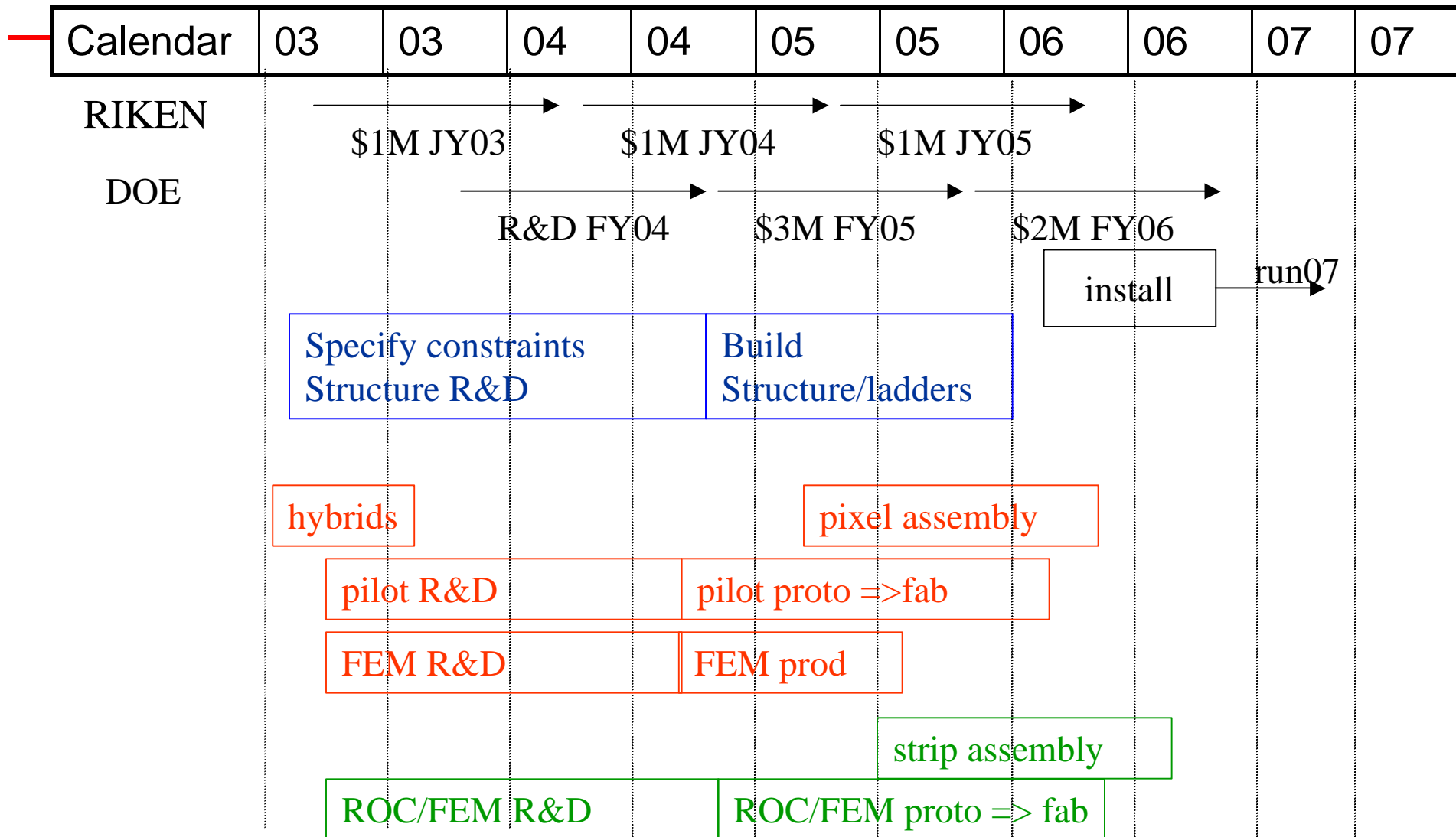
R&D Funds Proposal

Item	JY03	JY04	FY04	FY05
Pixel Pilot	50	50	90	45
Pixel Bus	50	50		
Pixel FEM/DCM			90	45
Strip sensors	60			
Strip ROC+FEM *	300	100	125	
mini-strip ROC			125	125
mini-strip sensors			15	15
minis-strip pilot/assembly				100
mechanical/cooling			200	150
overhead			208	140
Total	460	200	853	620

*Strip ROC total is \$300K less than needed



Plan A schedule barrel+support



Plan A schedule endcaps

