

Session 2—Straw Detectors
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We are currently saturated by the mechanical issues of the Straw Detectors, but consider the following Milestones for the Electronics for the Feb 2001 BLReview

- 1) We will have constructed and tested the Prototype Straw Detector (96 channels) with both cosmic rays (and sources). We plan to incorporate the Focus Si Strip detector into the setup.
- 2) We want to determine how the ASDxxx chip works with this detector.
- 3) The earliest beam test most likely will take place in the Jan. 2002 time frame (FNAL). I think we have equipment already available for this type of test, assuming we can borrow some ASDxx boards.
- 4) A conceptual design (at least) for the Straw TDC should be available for the review. Can these TDC's be located on the FE board?? Issues such as noise into FE ASDxx are important.

Section (f) Prototype FE Board Analog Section Needs

- 1) We will need to design the front end of these boards to connect to the anode wires and into the actual detector frame (issues of noise pickup etc). Coordination with the mechanical design in this area is important.
- 2) Hopefully we will not need individually adjusted thresholds for the ASDxxx.
- 3) More thought is needed at this stage.

6—Straws

- a) ASDxx adequacy, availability.....

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