
- A ‘few’ shifts; a few pulses/hour; $10^{13}$ p’s @ 24 GeV.
- Share neutrino blockhouse with E-938.
- Must focus down to 1 mm radius (rms).


- Move downstream to near Gate #5.
- Add 20-T pulsed magnet, large 1.25-T solenoid, 70-MHz rf cavity, pion spectrometer w/2-T bent solenoid and TPC’s.
- Again, only a few pulses/hour.
- Some running with 6 or 8 bunch extraction; $10^{14}$ p’s.
- Some running with $\sigma_t = 2$ ns; 7 GeV OK.
- At end, 3-4 weeks with slow extracted beam; $10^6$ p’s/pulse.
Layout of Later Muon Collider Targetry Studies

- 1.25-T Solenoid
- Beam Dump
- 1.25-20-T Transition Solenoid
- 20-T Pulsed Solenoid
- Target
- Proton Beam
- 70-MHz rf Cavity
- 60 cm
- Aerogel Cerenkov Counter
- 2-T Bent Solenoid Channel
- Low-Pressure TPC
- 0.7-T Guiding Dipole

GATE #5