

In May and June we received additional 60K from GA (30K) and MN (30K) for the project. The total funding received for the TPF-5(164) study so far is \$165,000. The testing apparatus that consists of a head box, culvert and tail box system is completed. A symmetrical half of a corrugated aluminum pipe (36" DIA, 2 2/3" x 1/2" corrugations) is installed in the fish passage culvert flume. Ultra sonic sensors are installed and are able to measure instantaneous hydraulic grade lines. Several test runs for different flow depths and flow velocities were performed to check the pump, flap gate and flow meter control system. An automated carriage that will hold an ADV (Acoustic Doppler Velocimetry) probe was ordered a partially installed. The camera and laser holding system for the PIV (Particle Image Velocimetry) is mounted. In the period from 3-31-08 to 6-30-08 we received 60,000\$ and spent \$ 59,093.49.