

Figure 11. Water level from UNET model, upper end of physical model backwater. Courant # = 1.0, DEL time = 1, 2, and 4 secs

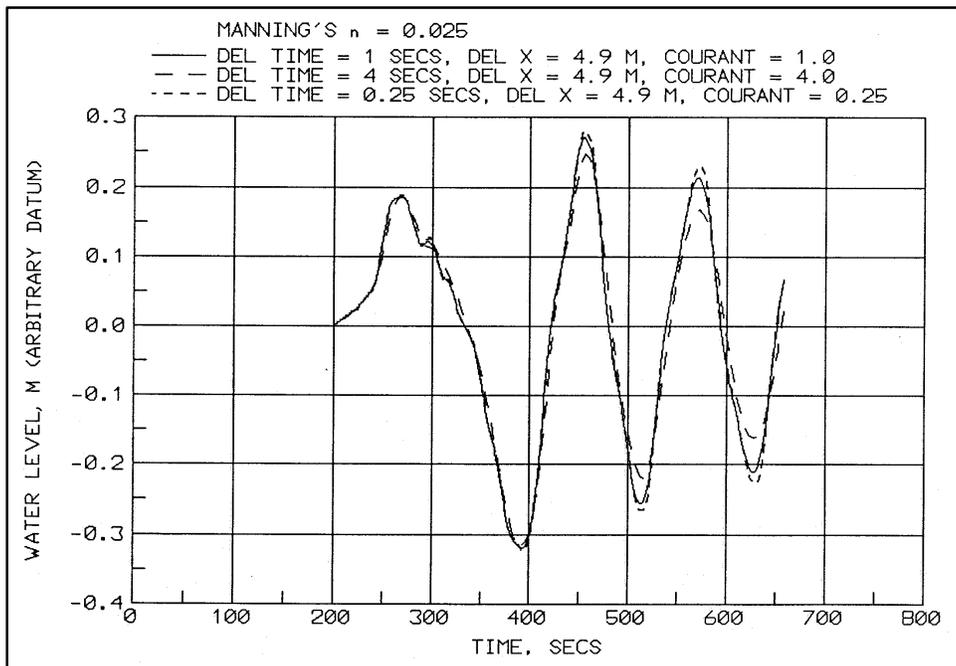


Figure 12. Water level from UNET model, upper end of physical model backwater. DEL X = 4.9 m, courant # = 1.0, 4.0, and 0.25

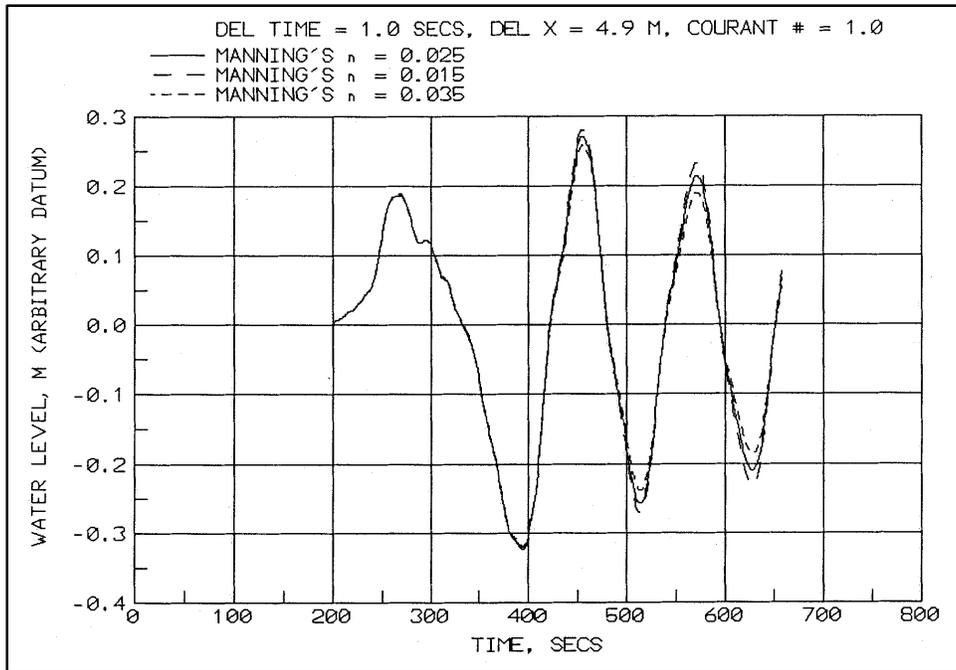


Figure 13. Water level from UNET model, upper end of physical model backwater. Manning's n = 0.025, 0.015, and 0.035

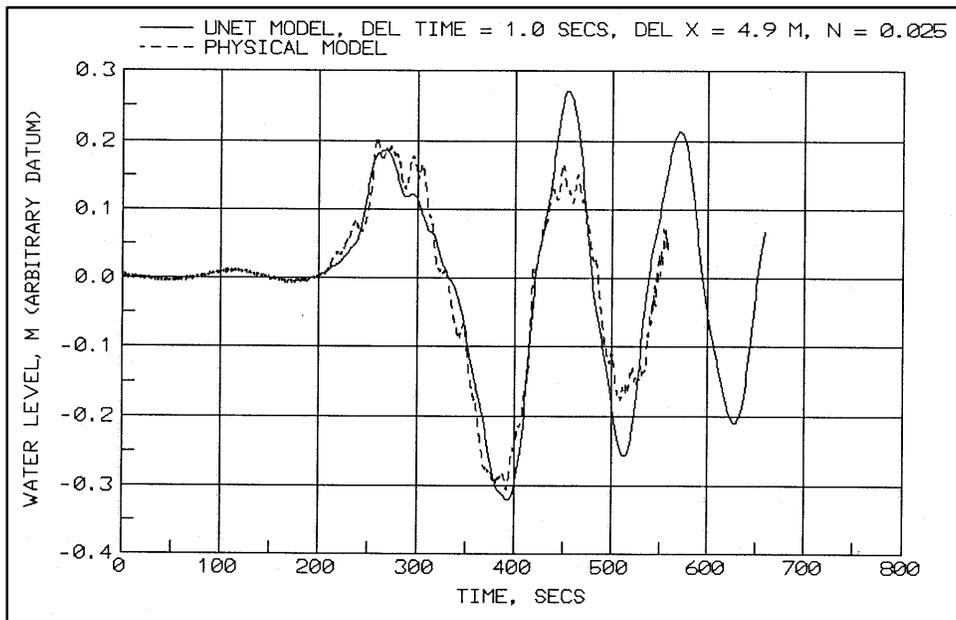


Figure 14. Water level from physical model and UNET model, upper end of backwater

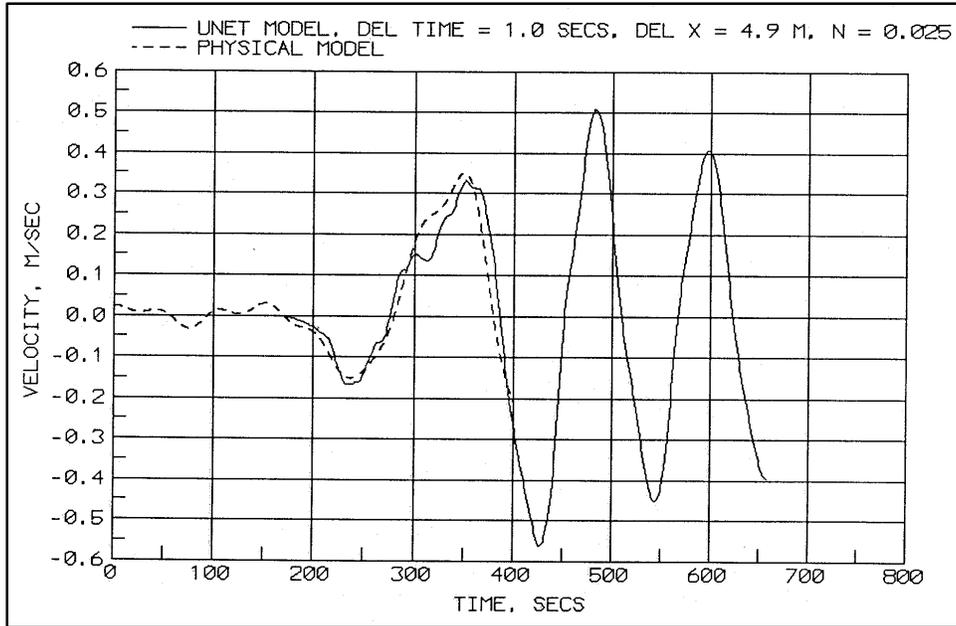


Figure 15. Velocity from physical model and UNET model, 9 m from backwater entrance

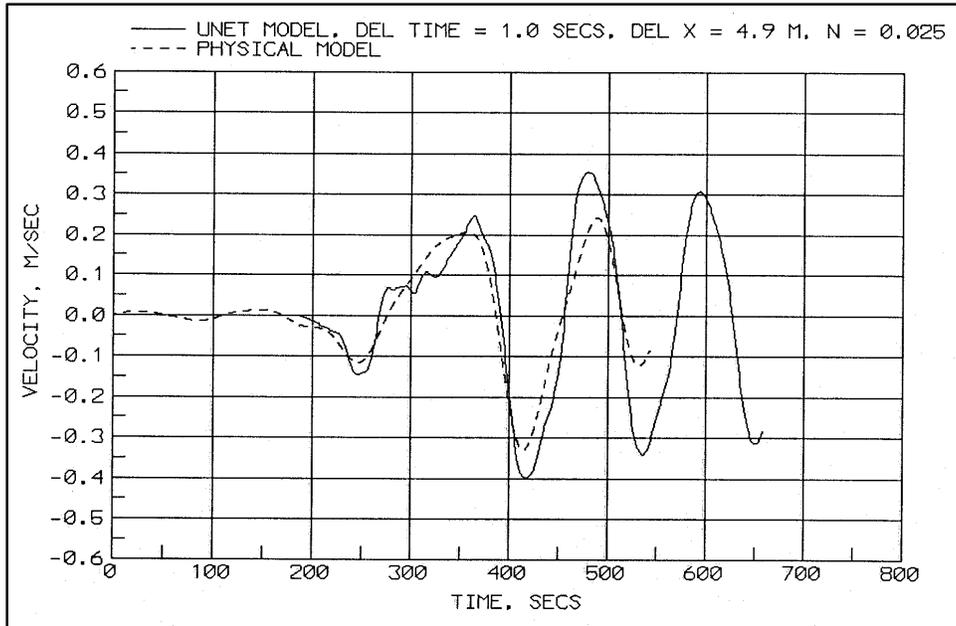


Figure 16. Velocity from physical model and UNET model, 68 m from backwater entrance

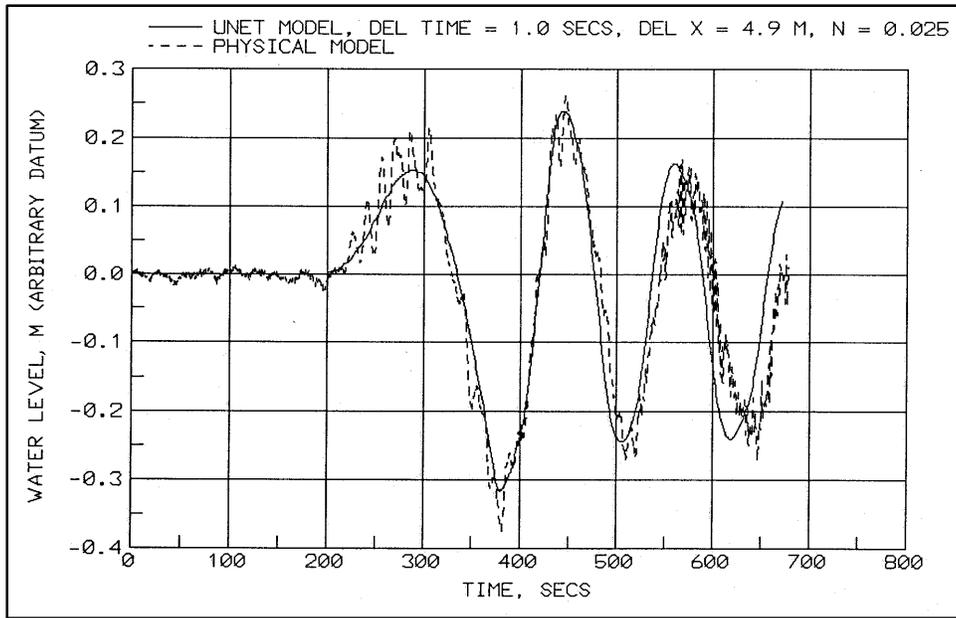


Figure 17. Water level from physical model and UNET model, upper end of backwater, downbound tow

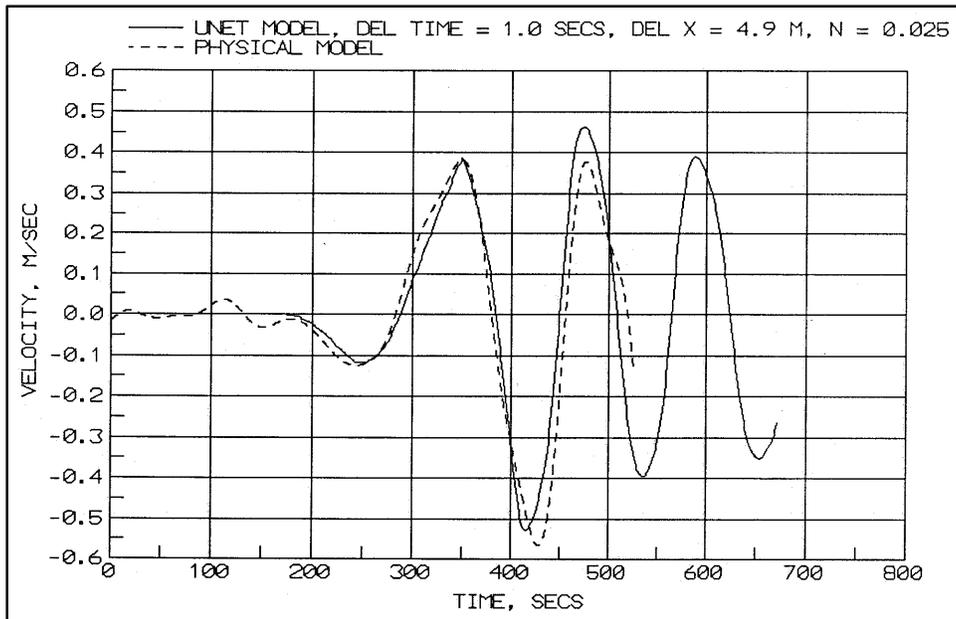


Figure 18. Velocity from physical model and UNET model, 9 m from backwater entrance, downbound tow

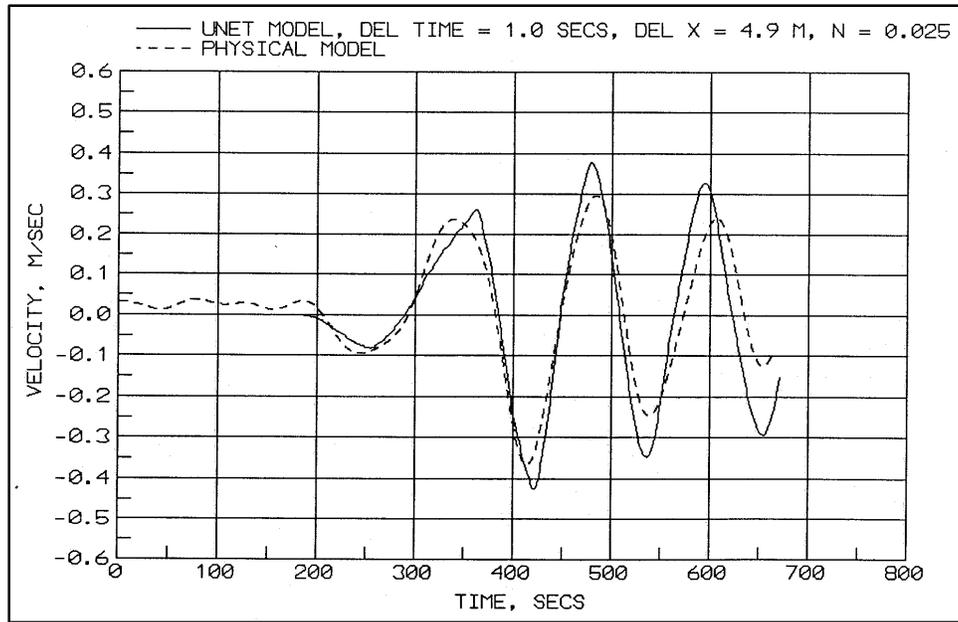


Figure 19. Velocity from physical model and UNET model, 68 m from backwater entrance, downbound tow

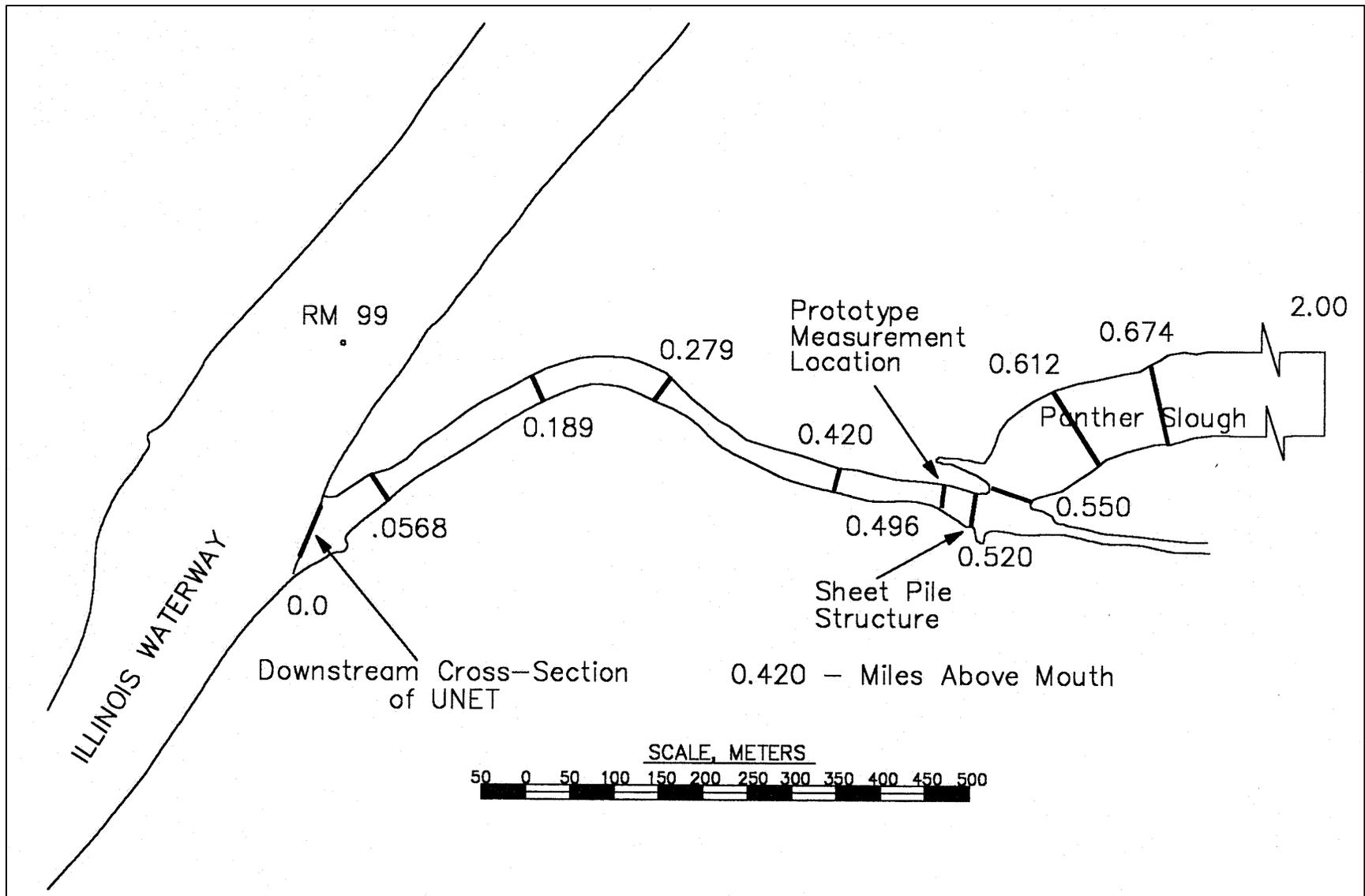


Figure 20. Illinois Waterway Backwater Channel cross-section locations for UNET simulation