NOTES:

1. Tunnel portals are cut along the centerline of the east roadway lane and DIW/TE. Delineations are shown on the profile whenever they part of the bored tunnel approach structure encounters an obstruction.

2. Groundwater flow is controlled and prevented through the impermeable jet grout wall. Trapped water is removed during the excavation and the base of excavation secured by ground treatment keeping the trapped water at least 1 ft below the base.