DESIGN OBJECTIVE:
To provide sub-surface drainage (perforated pipes) along roadways where persistent groundwater problems occur. The sub-surface drainage pipes and native sandy soils will allow the groundwater to disperse more rapidly. The pipes will be located deep enough below basement floor elevations to stabilize groundwater levels well below basements. The system will also provide positive outlets for discharge of residential sump pumps to avoid groundwater recharge near homes.

6" DIAMETER SUMP PUMP LEAD

PROPOSED CROSS SECTION
NOT TO SCALE

SUBDIVISION TYPICAL CROSS SECTION