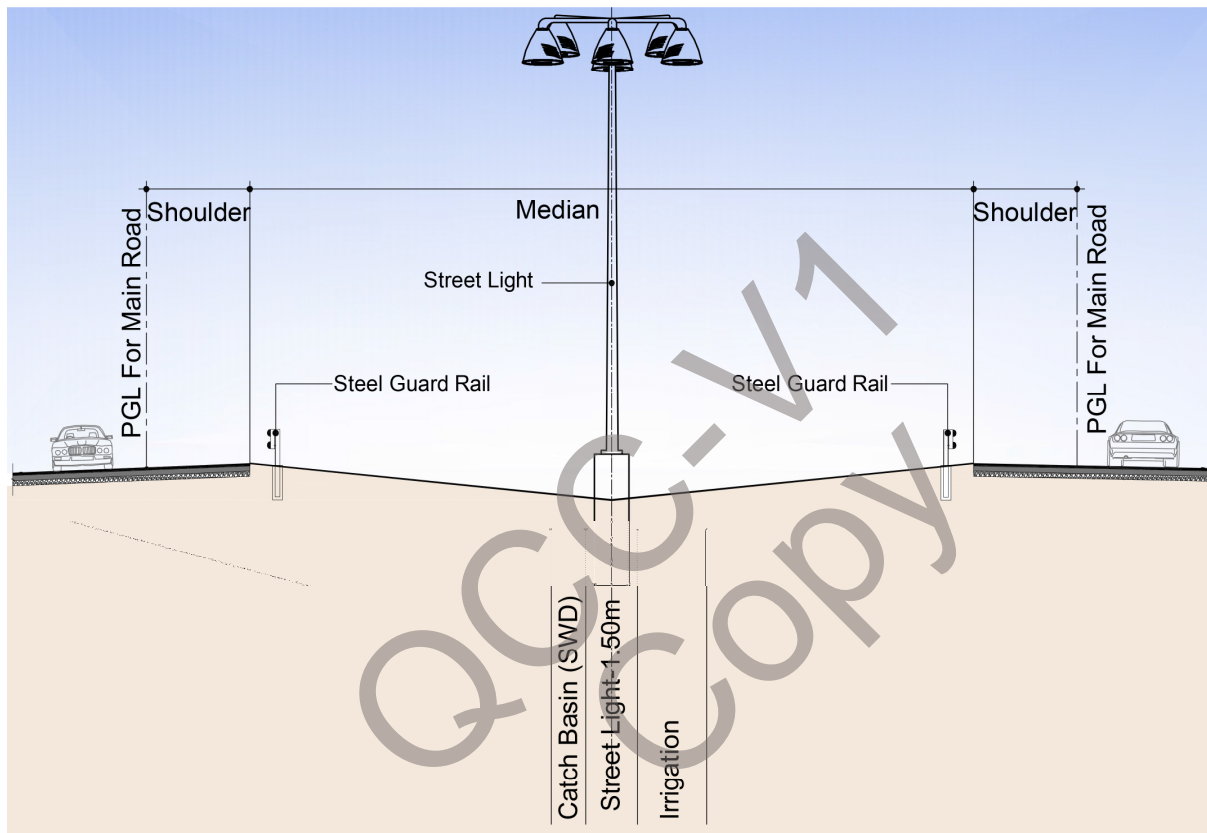


Figure 16: Conceptual Layout of Street Lighting Corridor



4.4.6 Gas and Oil Supply Networks

Gas pipes and valve chambers as well as, all related gas supply network elements, shall be designed and developed in accordance with the general requirements and standard details published by GASCO. However, for special or heavy duty pipe lines the design standards published by ADNOC and DOLPHIN energy shall be adopted. The design of oil pipelines and their respective corridors shall be in accordance with the GASCO/ADCO standards.

As per GASCO standards the width of the gas supply corridor ranges from 1.0m to 5.0m depending on the type and diameter of the pipes and associated road category. However, for main roads, a corridor width of 5.0m is recommended and the pipes are to be laid at 1.0m depth. Certain typical details of a gas supply corridor are presented in Figure 17.