

## **6.35 Protection and Diversion of Existing Pipelines**

### **6.35.1 Protection of Proposed and Existing Pipelines.**

Generally all the new pipelines shall cross the existing asphalt roads by Non Destructive Road Crossing (NDRC) methods. The design of the NDRC shall be carried out by the contractor and shall be approved by the concerned authorities including AADC.

The existing pipeline shall be protected by concrete slab if a new road would pass above the existing pipeline. The pipeline shall pass through duct or shall be protected by concrete slab if the road and pipelines would be constructed at same time (i.e. constructed under same project).

### **6.35.2 Diversion of Existing Pipelines.**

The existing pipelines shall be diverted by third parties and at their own cost at the followings cases :-

- i- The existing pipeline would pass longitudinally under proposed new road or under the embankment of proposed new road.
- ii- The pipeline become within private plot or need to be diverted due to new planning. Also if the pipeline will become very deep or shallow due to the third party works such as due to new roads crossing the pipelines.
- iii- The diversion requested by any party other than AADC and approved by AADC.

The other diversion cases that not fall under the above categories would be usually designed by AADC and constructed by a contractor appointed by AADC.

The party that requested or benefited from the diversion shall design the diversion which shall be of the same size of the existing pipeline and shall submit the design for AADC approval. Also he shall obtain the required approval from other concerned authorities such as TPD. The diversion shall be constructed by the requesting party and at his own cost through a contractor registered with ADWEA for such works. All the construction works shall be carried out under AADC supervision.

All the domestic /bulk connections that affected by the diversion shall be relocated on the new pipeline without any cost to AADC.