



## GOVERNMENT OF KERALA

### Abstract

Local Self Government Department - LSGI Roads - Guidelines for trenching of LSGI Roads for laying of pipelines and their restoration by KWA - Sanction accorded - Orders Issued.

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### LOCAL SELF GOVERNMENT (DC) DEPARTMENT

G.O.(Rt)No.1143/2022/LSGD Dated,Thiruvananthapuram, 06-05- 2022

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Read 1 G.O. (Rt.) No. 1783/2020/LSGD dated 29/09/2020.

2 G.O. (Rt.) No. 1983/2021/LSGD dated 13/10/2021.

3 G.O. (Ms) No. 8/2022/PWD Dated 24/02/2022.

### ORDER

As per the order read as 3<sup>rd</sup> paper above, the Public Works Department have issued an order with guidelines for trenching of their roads for laying pipelines and their restoration by KWA. The laying of pipelines by KWA in LSGI roads and the consequent restoration of the roads are currently causing issues.

2. The Local Self Government Department have issued orders earlier regarding rate of restoration of roads in tune with PWD rates. The permissions for road cutting for laying various utilities are issued by PWD in accordance with the provisions of the PWD Manual and Highway Protection Act 1999.

3. The Government have examined the matter in detail and the following guidelines, in tune with PWD order read as 3<sup>rd</sup> paper above, are hereby issued for trenching, road cutting and restoration for laying KWA pipelines under LSGI roads.

#### A. KWA Led Projects

- i. KWA shall apply for road cuttings through the RoW in SUGAMA portal in accordance with the G.O read as 2<sup>nd</sup> paper above.
- ii. For urgent leakages and repairs also the permission has to be

sought from LSGIs through the RoW SUGAMA portal. No deposit amount is required for cutting in non DLP roads for emergency leak rectification works. (Repair work can be executed after intimating LSGI in case of utmost emergency). **Separate provision for sanction of emergency cases should be included in RoW SUGAMA portal.**

- iii. In case of Utility laying works, KWA shall carry out the trenching, pipe laying, back filling and final restoration of the road surface. The road surface has to be restored to the same standards that was in existence prior to trenching.
- iv. Estimate of the restoration of roads shall be prepared by KWA in consultation with LSGD Engineering Wing and in accordance with MoRTH/MORD specifications as the case may be and this will be included in the actual utility laying/shifting/repair works.
- v. The back filling of the trenches shall be carried out as per the CTE's direction in layers of 20cm thickness with roller/plate compactors for pipe laying works as well as for urgent replacement/repair works. This is applicable in case of cutting in shoulders as well.
- vi. For the road restoration of pipe laying works, loosening and re compacting for a depth of 30 cm and provision of GSB and WMM with 15 cm thick layers each should be included. The surfacing works should be in accordance with the MORTH/MoRD specifications and guidelines, as the case may be.
- vii. The work shall be carried out ensuring strict quality control and along with the supervision of LSGD Engineering Wing.
- viii. Minimum earth cushioning of 1.20 mts over the utility lines should be ensured.
- ix. The alignment to be fixed through a joint inspection by both the Departments. As far as possible, the laying of utility lines are to be carried out through the shoulder portion and shall be restored as per the standard specification.
- x. Road cutting in the case of roads under DLP is to be avoided to the maximum extent. However in case of emergencies, where road cutting in DLP road is found to be inevitable, the responsibility of DLP for the restored portion will be shifted from the contractor of the original work to KWA.
- xi. DLP for the restoration work shall be 1 year from the date of completion of the restoration work in the case of roads not under DLP. The maintenance during DLP of the restored portion of road

- shall be vested with KWA.
- xii. No road cutting shall normally be permitted in roads which are under DLP during the first year. Exemption may be granted by the Secretary of LSGI's on a case to case basis considering the importance like urgent leakage work, prestigious works and high priority works. The Secretary of LSGI shall exercise the power to decide the matter regarding cutting in roads beyond first year.
  - xiii. A security deposit of 10% of the restoration amount required for the road cutting area to be remitted to LSGI by KWA, which will be released after the DLP of the restoration work on submission of report from public work monitoring committee of LSGI and this condition shall be included in a tripartite agreement to be executed with LSGI, KWA and the contractor who is carrying out the restoration work. The facility for executing the above agreement shall be included in the online portal.
  - xiv. DLP conditions in accordance with existing PWD guidelines will be applicable for the restoration work done by KWA.
  - xv. KWA shall submit the security deposit as above in the form of Treasury Savings Deposit/Bank Guarantee for obtaining sanction.
  - xvi. The time frame for completion of pipe laying and road restoration shall be specified in the permission letter and for delays/variations from the original sanctioned scope of trenching, the security deposit shall be forfeited proportionally.
  - xvii. Display boards showing the details of work arranged by KWA, date of completion, DLP details etc. of work should be displayed at site. The responsibility of the stretch handed over for trenching including safety arrangements and erection of cautionary signages shall be vested with the KWA.
  - xviii. In case of road cutting and restoration works arranged by KWA in roads where resurfacing/up gradation works by LSGI is scheduled, the restoration should be carried out excluding the provisions in the road work of LSGI.
  - xix. KWA shall take necessary steps to carry out the pipeline works / repair works prior to any road works scheduled by LSGI in the same stretch.
  - xx. In the case of new bridge constructions, the provision for separate duct/platform for carrying the utilities shall be included in the design by LSGI based on the requirement of KWA and the expenditure for the construction shall be met by KWA.
  - xxi. In the case of existing bridges, the utilities already installed should

be shifted in a phased time bound manner from the bridge by the KWA and separate provision for routing the same has to be made by the KWA.

## **B. LSGI led Projects**

- i. LSGI shall apply for utility shifting necessitated in road constructions through the RoW SUGAMA portal in accordance with the directions of the G.O read above.
- ii. While preparing the estimates for utility shifting by KWA for LSGI led works the specifications should be same as that of the existing lines (ie.same dia of pipe, thickness, same material etc). The estimate for utility shifting shall be prepared by KWA.
- iii. The estimate for utility shifting shall include the works associated with pipe lines/sewer lines such as shifting/ raising of valve chambers/manholes and all allied works.
- iv. The utility shifting/pipe laying works shall be supervised by KWA. The quality of works and quality of materials such as pipes/specials and allied materials shall be ascertained by KWA officials through site or factory test as is applicable.
- v. The Security Deposit for utility shifting (replacement of pipes) needs to be deposited by LSGI.
- vi. A security deposit of 10% of the utility shifting amount required for replacement of pipes to be remitted to KWA by LSGI for all pipe shifting works, which will be released after the DLP of the pipes work and a tripartite agreement to be executed with LSGI, KWA and the contractor who is carrying the work, the facility for which shall be included in the online portal.
- vii. LSGI shall submit the security deposit as above in the form of Treasury Savings Deposit/Bank Guarantee for obtaining sanction (from KWA).
- viii. The liability of occurrence of leakages without obtaining sanction for utility shifting shall be borne by LSGI.
- ix. The time frame for completion of pipe laying and road restoration shall be specified in the permission letter and for delays/ variations from the original sanctioned scope of quality of pipes, design etc, the security deposit shall be forfeited proportionally.
- x. Display boards showing the details of the work, date of

completion, DLP details etc should be displayed at site by the Contractor of LSGI.

- xi. In case where the utility shifting/pipe laying work is executed through the contractor for the LSGI work, the contractor shall be liable for any leakage/maintenance work during the DLP for the pipe laying work / road restoration (work associated during the maintenance period or upto the date of handing over the utility to KWA).

### **C. General**

- i. While preparing the estimates for new road constructions the provisions for utility ducts to be included in consultation with the KWA and based on their requirement if there is ample LSGI land available for such works. In the case of existing roads the additional provisions for utility ducts shall be explored.
- ii. In the case of house hold connections also provisions under 'A' shall invariably be applied.

(By order of the Governor)  
BIJU PRABHAKAR  
SECRETARY

To:

The Managing Director, Kerala Water Authority  
The Director of Urban Affairs, Thiruvananthapuram  
The Director of Panchayats, Thiruvananthapuram  
The Commissioner for Rural Development, Thiruvananthapuram  
The Chief Engineer, Local Self Government Department  
All Municipal/Corporation Secretaries (Through Director, Urban Affairs)  
All Panchayat Secretaries (Through Panchayath Director)  
The Principal Accountant General (Audit/ A&E/ LBA &A)  
The Information Officer, (Web & New Media) I&PRD  
The Executive Director, Information Kerala Mission  
Stock File/Office Copy

Forwarded /By order,



Section Officer.