

15 -ാം കേരള നിയമസഭ

5 -ാം സമ്മേളനം

നക്ഷത്ര ചിഹ്നം ഇല്ലാത്ത ചോദ്യം നം. 2873

12-07-2022 - ൽ മറുപടിയ്ക്ക്

റോഡ് വെട്ടിപ്പൊളിക്കുന്നതിനുള്ള മാനദണ്ഡങ്ങൾ

ചോദ്യം		ഉത്തരം	
ശ്രീ. കെ. പ്രേംകുമാർ		ശ്രീ. റോഷി അഗസ്റ്റിൻ (ജലവിഭവ വകുപ്പ് മന്ത്രി)	
(എ)	<p>കുടിവെള്ള പൈപ്പുകൾ സ്ഥാപിക്കുന്നതിന് റോഡുകൾ വെട്ടിപ്പൊളിക്കുന്നതിനുള്ള മാനദണ്ഡങ്ങൾ എന്തെല്ലാമാണ്;</p>	(എ)	<p>കുടിവെള്ള പൈപ്പ് സ്ഥാപിക്കുന്നതിന് റോഡുകൾ മുറിക്കുന്നതിനായി RoW പോർട്ടൽ, Sugama പോർട്ടൽ എന്നിവ മുഖേന പൊതുമരാമത്ത് , നാഷണൽ ഹൈവേ മുതലായ വകുപ്പുകൾക്ക് അപേക്ഷ നൽകുകയും ഡിമാന്റ് നോട്ടീസ് അനുസരിച്ചുള്ള തുക അതാത് ഡിപ്പാർട്ട്മെന്റുകളിൽ അടച്ച് അനുമതി ലഭിക്കുന്ന മുറയ്ക്കാണ് (24.02.2022 വരെ) ഭരണാനുമതി നൽകിയ പ്രവൃത്തികളുടെ പൈപ്പ് ലൈനുകൾ സ്ഥാപിക്കാറുള്ളത് . പൊതുമരാമത്ത് വകുപ്പിന്റെ 24.02.2022 തീയതിയിലെ G.O.(Ms) No.8/2022/PWD നമ്പർ ഉത്തരവ് പ്രകാരമുള്ള മാനദണ്ഡങ്ങളാണ് പൊതുമരാമത്ത് വകുപ്പ് റോഡ് മുറിക്കുന്നതിനായി നിലവിൽ സ്വീകരിച്ച് വരുന്നത് . ഉത്തരവിന്റെ പകർപ്പ് അനുബന്ധമായി ചേർക്കുന്നു.</p>
(ബി)	<p>പുതുതായി ടാർ ചെയ്ത പഞ്ചായത്ത് റോഡുകൾ പൊളിക്കുന്നത് നിർത്തലാക്കി പകരം റോഡിന് അടിയിലൂടെ ഹോൾ ഉണ്ടാക്കി പൈപ്പുകൾ സ്ഥാപിക്കാൻ സാധിക്കുമോ; എങ്കിൽ വിശദാംശം ലഭ്യമാക്കാമോ?</p>	(ബി)	<p>Horizontal Directional Drilling (HDD) വഴി റോഡ് പൊളിക്കുന്നത് പരിമിതപ്പെടുത്തി പൈപ്പ് സ്ഥാപിക്കുവാൻ സാധിക്കും. എന്നാൽ ഇതിനുള്ള ചെലവ് വളരെ കൂടുതലായതിനാൽ NHAI/ Railway crossing തുടങ്ങിയവയ്ക്ക് മാത്രമേ നിലവിൽ HDD ചെയ്യുന്നുള്ളൂ. പഞ്ചായത്ത് റോഡുകൾ താരതമ്യേന വീതി കുറവായതിനാൽ യന്ത്രസാമഗ്രികൾ വച്ച് HDD ചെയ്യുന്നതിന് പ്രായോഗിക ബുദ്ധിമുട്ടുകൾ ഉണ്ട് . പഞ്ചായത്ത് റോഡുകൾ കൂടുതലും ബി. എം. ബി. സി. നിലവാരത്തിലുള്ള ടാറിങ് അല്ലാത്തതിനാൽ HDD ചെയ്യുന്നതിനുള്ള ചെലവുമായി താരതമ്യം ചെയ്യുമ്പോൾ റോഡ് പുനഃസ്ഥാപിക്കുന്നതിനുള്ള തുക കുറവാണ് . HDD രീതിയിൽ പൈപ്പ് സ്ഥാപിക്കുന്നതിന് സമയ ദൈർഘ്യം കൂടുതലാണ് . ഈ കാരണങ്ങൾ കൊണ്ട് പഞ്ചായത്ത് റോഡുകളിൽ പൈപ്പ് സ്ഥാപിക്കാൻ HDD രീതി അവലംബിക്കാറില്ല.</p>

സെക്ഷൻ ഓഫീസർ



GOVERNMENT OF KERALA

Abstract

Public Works Department - Guidelines for trenching of PWD roads, laying of pipelines and their restoration by KWA - Sanction accorded - Orders issued.

PUBLIC WORKS (H) DEPARTMENT

G.O.(Ms)No.8/2022/PWD Dated,Thiruvananthapuram, 24-02-2022

- Read: 1. G.O(Rt)No.30/2018/PWD dated 05.01.2018.
 2. G.O(Ms)No.444/2018/Fin dated 26.11.2018.
 3. Circular No.CE/R&B/GL-RC/2/2019 dated 30.03.2019 of the Chief Engineer, PWD, Roads.
 4. G.O(Rt)No.756/2019/PWD dated 20.06.2019.
 5. G.O(Ms)No.59/2020/PWD dated 30.07.2020.
 6. Circular No.CE/R&B/GL-RC/3/2018 dated 24.09.2020 of the Chief Engineer, PWD, Roads.
 7. Proceedings No.8665/AE3(MONITORING)/2020/KWA dated 19.11.2020 of the Managing Director, KWA.
 8. G.O(Ms)No.2/2021/WRD dated 06/01/2021.
 9. Circular No.H1/81/2021-PWD dated 03.07.2021.
 10. Minutes of the Meeting dated 05.01.2022 held by Hon'ble Min, PWD in the presence of Hon'ble Min, WRD to discuss the co-ordination between PWD & WRD.
 11. G.O(Rt)No.20/2022/PWD dated 07.01.2022.
 12. Minutes of the 1st Meeting of the Committee constituted for the co-ordination of works of PWD & WRD held on 18.01.2022.

ORDER

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. The Government Orders/Circulars

read above are presently in force regarding the guidelines for charging the restoration amounts and Security Deposits from the users. The laying of pipe lines by KWA in PWD roads and the consequent restoration of the roads is currently causing issues to both the Departments. Hence based on the Meetings held on 05.01.2022 and 18.01.2022 read as 10th and 12th paper above, it has been decided to issue particular direction regarding the trenching of PWD roads, laying of pipelines and their restoration by KWA in the light of the G.O read as 2nd paper above.

2. Government have examined the matter in detail and the following guidelines are issued hereby for road cutting and restoration for laying KWA pipe lines under PWD roads.

A. Utility Agency led Projects

(i) KWA shall apply for road cuttings through the RoW portal in accordance with the G.O read as 5th paper above. The upcoming road works of both KWA and PWD shall be displayed in the RoW portal and updated regularly.

(ii) For urgent leakages and repairs also the permission has to be sought from PWD through the RoW portal. No deposit amount is required for cutting in non DLP roads for emergency leak rectification works. (Repair work can be executed after intimating PWD in case of utmost emergency). Separate provision for sanction of emergency cases should be included in RoW 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 existing prior to trenching. Estimate of the restoration of roads shall be prepared by KWA in accordance with MoRTH specification and this will be included in the actual Utility laying/shifting/repair works.

(iv) In the case of leakages/repairs, KWA shall carry out road restoration done with plate compactors.

(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.

(vi) In the case of leakages/repairs, the back filling of the trenches shall be carried out in layers of 20cm thickness with plate compactors.

(vii) For the road restoration of pipe laying works, loosening and re-compacting for a depth of 30cm and provision of GSB and WMM with 15cm thick layers each should be included. The surfacing works should

be in accordance with the MORTH specifications and guidelines.

(viii)The work shall be carried out ensuring strict quality control and only with the supervision of PWD Engineers.

(ix)Minimum earth cushioning of 1.20m over the utility lines should be ensured

(x)As far as possible the laying of utility lines to be carried out through the shoulder portion and the alignment to be fixed through a joint inspection by both the Departments at EE level.

(xi)In case of road cutting and restoration works arranged by KWA in roads where resurfacing/upgradation works by PWD is scheduled, the restoration should be carried out excluding the provisions in the road work of PWD

(xii)A security deposit of 10% of the restoration amount required for the road cutting area to be remitted to PWD by KWA for the DLP existing roads, which will be released after the DLP of the restoration work and a tripartite agreement to be executed with PWD, KWA and the contractor who is carrying the work. Physical agreement keeping can be eliminated and the facility shall be made available/included in the online portal.

(xiii)All the quality control tests mentioned for road works in the Quality Manual of PWD to be carried out by KWA through accredited labs/institutions and the relevant test certificates to be submitted to PWD in the case of utility shifting/pipe laying.

(xiv)KWA shall submit the security deposit as above in the form of Treasury Savings Deposit/Bank Guarantee for obtaining sanction.

(xv)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.

(xvi)Display boards at site showing the details of work arranged by KWA with date of completion during execution and DLP details on completion of work should be erected.

(xvii)DLP conditions in accordance with existing PWD guidelines will be applicable for the restoration work done by KWA.

(xviii)The responsibility of the stretch handed over for trenching including safety arrangements and the maintenance during DLP of the restored portion shall vest with KWA limited to the length of the road where utility provider restored.

(xix)KWA shall take necessary steps to carry out the road cutting works, if any scheduled before arrangement of works by PWD.

(xx)In case of roads with existing DLP, the DLP responsibility of the road stretch where restoration is done will be vested with KWA.

(xxi)No road cutting will be permitted in roads which have been resurfaced for a period of one year from the date of completion of the work. Exemption may be granted on a case to case basis considering the importance like urgent leakage work, prestigious works, high priority works.

(xxii)For roads under DLP, beyond the first one year, the Executive Engineers, shall exercise powers to issue road cutting permit as mentioned in the G.O read as 5th paper above.

(xxiii)In the case of new bridge constructions, the provision for separate duct/platform for carrying the utilities shall be included in the design by PWD based on the requirement of user agency and the expenditure for the construction shall be met by the concerned agency.

(xxiv)In the case of existing bridges, the utilities already installed should be shifted in a phased time bound manner from the bridge by the user agency and separate provision for routing the same has to be made by the concerned agency.

B. PWD led Projects

(i)PWD shall apply for utility shifting necessitated in road constructions through the RoW portal in accordance with the G.O read as 5th paper above. The upcoming road works of both KWA and PWD shall be displayed in the RoW portal and updated regularly.

(ii)While preparing the estimates for utility shifting by KWA for PWD led works the provisions should be same as that of the existing lines (ie.same dia of pipe, same material etc). The estimate for utility shifting shall be prepared by EE, KWA as per the G.O read as 8th paper above.

(iii)The estimate for utility shifting shall includes 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 PWD.

(vi)A security deposit of 10% of the utility shifting amount required for replacement of pipes to be remitted to KWA by PWD for all pipe

shifting works, which will be released after the DLP of the pipes work and a tripartite agreement to be executed with PWD, KWA and the contractor who is carrying the work, the facility shall be included in the online portal.

(vii) PWD shall submit the security deposit as above in the form of Treasury Savings Deposit/Bank Guarantee for obtaining sanction.

(viii) The liability of leakages without obtaining sanction for utility shifting shall be borne by PWD.

(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 at site showing the details of work arranged by PWD with date of completion during execution and DLP details on completion of work should be erected.

(xi) In case where the utility shifting/pipe laying work is executed through the contractor for the PWD road 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, not to exceed six months after the completion of the work.

C. General

(i) While preparing the estimates for new road constructions the provisions for utility ducts to be included in consultation with the utility providers based on their requirement if there is ample PWD land available for such works. In the case of existing roads the additional provisions for utility ducts shall be explored.

(ii) The committee constituted as per the G.O read as 11th paper above shall consider the major disputes arised, if any, between both the Departments and the decision of this committee will be treated as final.

(By order of the Governor)
ANAND SINGH
SECRETARY

To,

All Chief Engineers, PWD, Thiruvananthapuram.

All Executive Engineers of PWD (Through Chief Engineers).

The Managing Director, Kerala Water Authority, Tvpm.
The Chief Executive Officer, Kerala Road Fund Board, Tvpm.
Water Resources Department.
Stock File/ Office Copy/ Website

Forwarded /By order

Section Officer

Copy to:PS to Minister, PWD.
PS to Minister, WRD.
PA to Secretary, PWD.
PA to Joint Secretary, PWD.

സെക്ഷൻ ഓഫീസർ