

# **MUNICIPAL CORPORATION OF GREATER MUMBAI**

## **Circular**

ChE/8412/Rds &Tr dt.02.02.2019

Sub: Guidelines for construction of Footpath.

(MGC/A/8486 dt.18.01.2019)

For making Footpaths in Mumbai more “Pedestrian Friendly” following modifications are being incorporated in circular issued u.no. AMC/ES/6217/II dt. 30.06.2014 & MGC/A/8486 dt.10.08.2017 as elaborated point wise below :

### **1) Pedestrian Ramps at Property Gates**

In Mumbai, properties are developed haphazardly. It is seen that plinth levels of many bldg are far above the abutting road edge levels. Due to same many have constructed ramps well above footpaths at plot entry (Property Gates). This causes lot of hardship for pedestrian and they are forced to used carriageway for movement.

Such illegal ramps needs to be removed and stand levels needs to be maintained at property gate for smooth movement of pedestrian as well as vehicles at entry on main carriageway. Design drawing for same is as per Annexure –A. Also, for cleaning of storm water drain below footpath at property gates, at the both ends of property gate necessary Frame covers on drains to be installed. Assistant Commissioners will be responsible for initiating action of removal of all illegal ramps constructed by developers / societies above footpaths at plot entry (Property Gates). Also Building Proposal department will verify this at the time of granting O.C. that such abrupt ramps in footpath are not provided.

In similar manner, ramps on Footpath are to be provided at Pedestrian road Crossing to ease out the pedestrian movements.

### **2) Using Concrete instead of Paver blocks of any type on footpath.**

Vide no. MGC/A/8486 dt. 10.08.2017 Guidelines on using various types of paver blocks on footpaths are issued. As per this guideline:

- a) Roads upto 60 feet width, the slab on top of drains are constructed at footpath level to serve for pedestrian movement. The fresh concrete shall be roughened to make the footpath anti-skid/anti-slippery.
- b) Footpaths along roads with width 60 feet and above up to 90 feet shall be considered for fixing lacquer finish paver blocks.
- c) For footpaths with width 3M and more and for footpaths along roads with width 90 feet and more, items RW- 3.28, RW-3.30 i.e. Providing & fixing shot blasted concrete paver blocks measurement 200 x 2000 x60 mm, 100 x 100 x 60 mm and RW-39 i.e. providing & fixing Combi- Paver shot blasted 60 mm thick combination size 100 x 200, 125 x 200,

175 x 200, 225 x 200, 275 x 200 shall be operated. As general practice, the item of paver blocks of size 400 mm x 400 mm x 60 mm shall be avoided.

It is general observed that due to constantly arising defects due to paver blocks, quick & lasting maintenance of damaged paver blocks does not often occur resulting in pedestrians forced to use road carriageway. It is therefore felt to phase out the use of paver blocks use for footpath completely. In place of lacquer finish paver blocks & shot blasted concrete paver blocks following alternatives are used.

**A) Stencil Concrete**

For all roads having drain in footpath R.C.C.slab of thickness 150 mm will be raised upto footpath top to full width of footpath in M-20 concrete in such a way that height of footpath above finished road level is not more than 150mm except at plot entry/ Property gate. For footpath not having storm water drain beneath it / dummy footpath, M-20 concrete of thickness 125 mm will be provided except at plot entry/ Property gate. The transverse joints shall be provided along the width at every chamber by making necessary cutting for same. The plot entry/ Property gate M-40 grade concrete to be used. Stencil pattern & colour as approved by executive engineer will be provided in freshly laid above said concrete footpath. Extra over for Stencil pattern & colour, newly created item in USOR shall be operated.

**B) C.C with Top in Marble chips finishing**

For all roads having drain in footpath drain R.C.C.slab of thickness 150 mm will be raised up to footpath top to full width of footpath in M-20 concrete in such a way that height of footpath above finished road level is not more than 150mm except at plot entry/ Property gate. For footpath not having storm water drain beneath it / dummy footpath, M-20 concrete of thickness 125 mm will be provided except at plot entry/ Property gate where no chips will be laid.. The transverse joints shall be provided along the width at every chamber by making necessary cutting for same. The plot entry/ Property gate M-40 grade concrete to be used. Marble Chips of size & pattern as per the item will be provided in freshly laid above said concrete footpath. Extra over for the same, newly created item in USOR. shall be operated.

**C) Plain C.C with brooming texture**

For all roads having drain in footpath drain R.C.C.slab of thickness 150 mm will be raised upto footpath top to full width of footpath in M-20 concrete in such a way that height of footpath above finished road level is not more than 150mm except at plot entry/ Property gate. For footpath not having storm water drain beneath it / dummy footpath, M-20 concrete of thickness 125 mm will be provided except at plot entry/ Property gate. The

transverse joints shall be provided along the width at every chamber by making necessary cutting for same. The plot entry/ Property gate M-40 grade concrete to be used. Brooming texture shall be provided on finished top concrete surface.

As improvement of footpaths in above types is highly skill work and needs at most supervision, execution of same needs to be stream line. On basis of footpath width it can be decided the type of treatment to be used as mentioned in table below:

**TABLE - A**

<b>Width of Footpath</b>	<b>Proposed Treatment for Improvement of Footpath</b>	<b>Execution of Work</b>
Less than 2.0 mtrs.	C.C with Top in Marble chips finishing OR Plain C.C with brooming texture	1) For all project roads under taken by central agency. 2) Improvement of Footpath 'End to End' on any road by central agency. 3) Improvement of Footpath where trench is permitted End to End by ward will be improved by ward.
2.0mtrs and more	Stencil Concrete OR C.C with Top in Marble chips finishing OR Plain C.C with brooming texture	1) For all project roads under taken by central agency. 2) Improvement of Footpath 'End to End' on any road by central agency. 3) Improvement of Footpath where trench is permitted End to End by ward will be improved by ward.

At present wherever the footpath works are undertaken by central agency and which are partially started or not started on site with the paver blocks / short blast paver blocks, all such works shall be converted as per this policy and paver block items will be in saving and the finishing will be carried out as per the policy. The regular extra / excess /saving will be submitted as per policy for all such works separately.

In case of reinstatement of trenches, the reinstatement charges are recovered as per the existing surface of footpath and the reinstatement will be carried out as per Table –‘A’. There will not be any changes in the recovery of reinstatement charges from utility but the reinstatement will be carried out as per this policy.

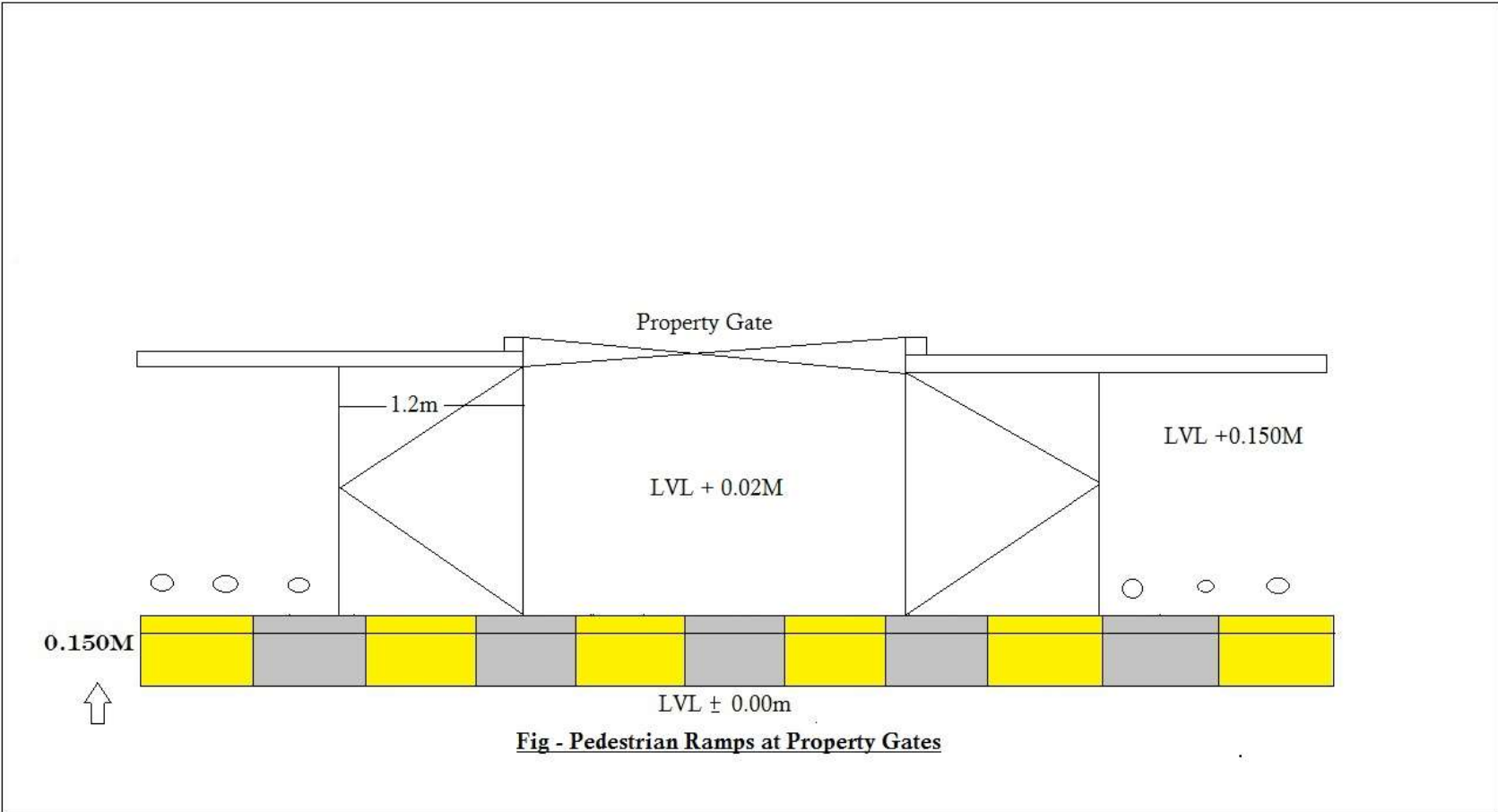
Above modifications to be implemented for all forthcoming tenders henceforth.

Sd/-  
30.11.2018  
Ch.Eng.(Roads & Tr.)

Sd/-  
10.12.2018  
AMC(ES)

Sd/-  
18.01.2019  
Hon. M.C.

ANNEXURE -A



ANNEXURE -A

