
This document is a Verizon interpretation and supplement to IDA Code of Practice COPIF_Sep00_Final (Appendices_A2).

DO'S & DON'TS FOR EARTHWORKS

DO'S

- 1 Do contact **Verizon** during planning stage and before commencement of work for the development project to:
 - 1.1 Obtain service layout plans and subsequent updates after a lapse of 6 months;
 - 1.2 Arrange site meeting for briefing by **Verizon** ; and
 - 1.3 Discuss with **Verizon** on whether to divert or support those **Verizon** Line plant that are affected by the development.
- 2 Do carry out the following procedures prior to commencing excavation, piling, soil investigation or earthworks:
 - 2.1 Refer to **Verizon** service layout plans;
 - 2.2 Engage an IDA licensed cable detection worker to carry out cable detection and notify telecommunication system licensee(s) 7 days before the commencement of earthworks which are within the vicinity of any telecommunication cables in accordance with section 29(1) of the Telecommunications Act 1999;
 - 2.3 Do wait for **Verizon** replies within 7 days of notification before commencement of earthworks;
 - 2.4 Must carry out trial holes by manual digging to expose **Verizon** Line plant at sites; and seek assistance from **Verizon** to ascertain the location of **Verizon** Line plant if Line plant cannot be located;
 - 2.5 Provide and maintain visible markings (such as poles, tapes, painting and etc.) indicating the actual position of **Verizon** Line plant within the construction site and inform **Verizon** for site inspection;
 - 2.6 Update **Verizon** plant location information on the developer's construction plans.
- 3 Do note that the time required for carry out plant diversion ranging from 6 to 18 months. Such requirement shall be taken into consideration during the planning stage of the project.
- 4 Do submit to **Verizon** the method of support and protection to those exposed **Verizon** Line plant for approval in the case that the **Verizon** Line plant are to be supported during the construction work at site.
- 5 Do sever tree roots before grubbing the tree stump.
- 6 Do inform **Verizon** on the dismantling of supports.
- 7 Do inform **Verizon** on the backfilling procedure over the **Verizon** Line plant.
- 8 Do disseminate information regarding **Verizon** service layout to all relevant parties involved in earthworks such as main contractor, subcontractors, machine operators, licensed cable detection worker, etc. as it has been found that poor or lack of communication is one of the main causes of damage to the **Verizon** Line plant.

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- 9 Do note that the depth of **Verizon** Line plant varies due to the site conditions.
 - 10 Do report immediately on any damage done at the following telephone nos. as early report could reduce the cost of the damage:
Verizon Singapore (Formerly called MCI WorldCom) pipeline system and cables during and or after office hours: please call Tel. No. 91115126 or 9111-5320 or 800-852-3333;
 - 11 On request, **Verizon** can arrange to give a presentation to the developer, project consultant and main contractors to provide detail information of all the **Verizon** Line plant within the work site and the precautions to be taken by the contractors while working at the site.
 - 12 Do note the legal liability for failure to notify **Verizon** of earthworks (see Note (a)) and for damaging the **Verizon** Line plant (see Note (b)).
 - 13 Do notify **Verizon** before starting an Earthwork and after the completion of reinstatement by e-mail: Metro-Fibre<Singapore.OSP@one.verizon.com> if the work is in the vicinity of the **Verizon** line plant.
 - 14 For further enquiry, please contact:
Telecommunication Facility Co-ordination Committee
c/o 8 Temasek Boulevard
#14-00 Suntec Tower Three
Singapore 038988
Tel : 8484338, Fax : 8256868

Notes: (a) Under Section 29 of the Telecommunications Act 1999, any person who fails to give a 7-day notification to **Verizon** prior to commencement of earthworks is liable on conviction to a fine not exceeding \$100,000 or to imprisonment for a term not exceeding 3 years or to both.

(b) Under Section 49 of the same Act, any person, who in the course of carrying out earthworks, damages any cable of a telecommunication system licensee is liable on conviction to a fine not exceeding \$1 million or to imprisonment for a term not exceeding 5 years or to both.

DON'Ts

- 1 Must not dig trial holes with JCB or excavator.
- 2 Must not carry out any excavation, soil investigation, piling or earthworks in the vicinity of **Verizon** cables without confirming the actual positions of **Verizon** Line plant.
- 3 Don't open any telecommunication system licensee's manhole and equipment box without prior approval by the licensee.
- 4 Don't cover up any telecommunication system licensee's manhole and equipment box with earth or building materials.
- 5 Don't fence up any telecommunication system licensee's manhole and equipment box inside your work area.
- 6 Don't grub up tree stumps without first severing the roots.
- 7 Don't take for granted that telecommunication system licensee's lines are in a straight run.
- 8 Don't cover up damages but report them immediately.
- 9 Don't dismantle any support for **Verizon** Line plant without informing them.
- 10 Don't remove any concrete encasement around **Verizon** pipelines after exposing it unless approval from **Verizon** is given.

SOURCE : IDA Code of Practice COPIF_Sep00_Final (Appendices_A2).

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