

OWN Your Safety (OYS) has put together this summary chart of industry best practices and guidelines for excavation activities around buried utility infrastructure. Please contact **OYS** if you have any questions, or if you would like to discuss how we can help your organization with Best Practises.

Guidelines and Best Practices	Author	Overview
<u>Underground Infrastructure Damage Prevention Best Practices Version 2.0, Oct. 2016</u>	Canadian Common Ground Alliance (CCGA)	Best practices intended to be shared among stakeholders involved with and dependent upon, the safe and reliable operation, maintenance, construction, and protection of underground facilities.
<u>Guideline for Excavation in the Vicinity of Utility Lines</u>	Technical Standards & Safety Authority (TSSA) and the Electrical Safety Authority (ESA)	This guideline was produced to assist members of the industry in interpreting the Oil and Gas Pipeline Systems and Electrical Distribution Safety regulations.
<u>CSA Z247-15 - Damage Prevention for the Protection of Underground Infrastructure</u>	CSA Group	This Standard specifies requirements for preventing damage to underground infrastructure
<u>CSA S250 - Mapping of Underground Utilities</u>	CSA Group	This Standard specified requirements for the mapping of underground utilities.
<u>Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data, ASCE 38-02</u>	American Society of Civil Engineers	A system for classifying the quality of utility location information that is placed in design plans.
<u>A Guide to the Occupational Health and Safety Act</u>	Ministry of Labour (MOL)	The Occupational Health and Safety Act sets out the rights and duties of all parties in the workplace. It establishes procedures for dealing with workplace hazards.
<u>Pipeline Damage Prevention - Ground Disturbance, Construction and Vehicle Crossings</u>	National Energy Board	The purpose of this guideline is to help you determined whether you must obtain consent, where to obtain it and how to obtain it with regards to ground disturbance, construction activity and vehicle crossings of pipelines in reference to the National Energy Board Act and the National Energy Board Pipeline Damage Prevention Regulations - Authorizations and National Energy Board Pipeline Damage Prevention Regulations.

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Living and Working Near Pipelines	National Energy Board	Guide for living and working near pipelines in Canada.
Third Party Requirements in the Vicinity of Natural Gas Facilities	Enbridge Gas Distribution (EGD)	Guide for all work in the vicinity of EGD's gas pipelines.
Zap Zone	Hydro One	Guide for working around overhead and underground power lines.
Guideline for Excavation in the Vicinity of Bell Networks	Bell	Guide for safe excavation to protect the Bell network and the safety of the general public.
Oil Pipelines Excavation Information	TransCanada	Guide that contains important safety information about liquids pipelines that transport crude oil for stakeholders that live and work near TransCanada pipelines.
Natural Gas Pipelines Excavation Information	TransCanada	Guide that contains important safety information about natural gas pipelines for stakeholders that participate in excavation related activities near TransCanada pipelines.
How To Dig Safe - Call or Click Before You Dig	DigSafe - (Ontario Regional Common Ground Alliance (ORCGA))	Resource of how to call or click before you dig.
How to Dig Safe - Wait for Locates	DigSafe - ORCGA	Resource of what is a public utility infrastructure locate.
How to Dig Safe - Respect the Marks	DigSafe - ORCGA	Resource of how to respect the locate marks on the ground.
How to Read A Locate	Ontario One Call	Resource of how to read a public utility infrastructure locate report.
Call Before You Dig! - Contractor	Ontario One Call	Procedure for Contractors when requesting Public Infrastructure Locates through Ontario One Call.
Call Before You Dig! - Homeowner	Ontario One Call	Procedure for Homeowners when requesting Public Infrastructure Locates through Ontario One Call.
Universal Colour Codes	Ontario One Call	A colour code for marking buried utility infrastructure that is used throughout North America that is endorsed by CSA S250-11.