



SAFE WORK PRACTICE

TITLE	Excavating To Expose Existing Lines Or Underground Line Crossings
GENERAL	Protecting workers from injuries associated with excavating underground lines and cables
APPLICATION	When it is necessary to disturb soil within existing cable pipeline conduit, then that pipeline, cable or conduit must be exposed before work is allowed to proceed.
PROTECTIVE MECHANISMS	Crossing agreement Notification of owner Permit system Survey report P.P.E. Safe work procedure Barricades and warning signs ERP [Emergency Response Plan]
SELECTION AND USE	As per job requirement
SUPERVISOR RESPONSIBILITY	To facilitate and/or provide proper instruction to their workers on protection requirements and training
WORKER RESPONSIBILITY	<ol style="list-style-type: none">1. Locate all Lines and determine the probable depth of the lines to be crossed.2. Sweep R.O.W. using radio detection units for line alignment, where applicable.3. Existing pipeline(s) and/or cables must be exposed "BEFORE" commencing any mechanical excavation.4. Hydrovac to expose the line(s) within the critical area to allow for mechanical excavation as per Regulations.5. If for any reason hand excavations are temporarily filled in, they shall be re-exposed before excavation takes place.6. A Signal Person must be present at all times to direct the mechanical excavation during line crossings.7. Workers and operators must be conversant in proper hand signals.
<p>* The information presented in this publication is intended for general use and may not apply to every circumstance. It is not a definitive guide to government regulations and does not relieve persons using this publication from their responsibilities under applicable legislation. The Alberta Construction Safety Association does not guarantee the accuracy of, nor assume liability for, the information presented here. Individual counselling and advice are available from the Association.</p>	