



## FIELD PICTURES # 1



The morning session was indoors with a picture presentation of the topic. The afternoon session was outdoors with a visit to near-by sites of interest.



Left: Damage by trunk flare occurs when there is lack of space to accommodate growth. An opening must be created to repair and retain the tree. Root pruning is not possible. Right: Shallow roots in contact with pavement are growing larger and causing damage. Repair will require root pruning and changing the sidewalk materials.



Left: The sidewalk was installed away from the tree. Right: Sidewalk built with decomposed granite walkway. Both pictures by the speaker.

## FIELD PICTURES # 2



Left: Sidewalk repair where tree roots caused pavement lifting.

Right: To ensure tree survival, root pruning should be on roots smaller than 5-cm diameter and start 25 to 30-cm away from the trunk.



Left: An interim solution is to build a new sidewalk away from an existing tree.

Right: Another interim solution is to use rubber panels installed over the tree roots.



Above: Larger tree grates will move the concrete footing farther away from the tree.