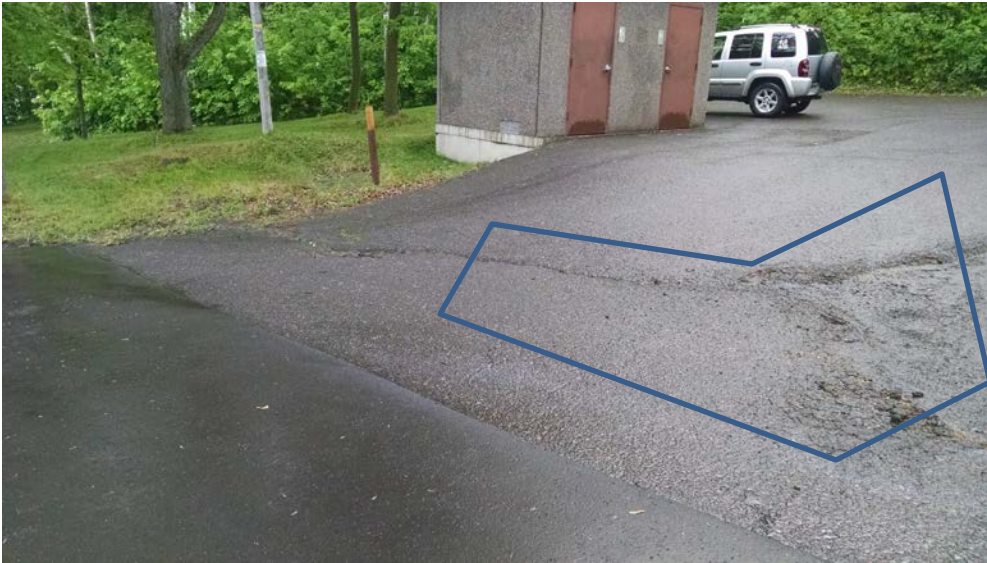


Village of Centuria Long Lake Boat Landing

Stormwater Mitigation Options



Much of the Village of Centuria boat landing has been recently paved. These areas run straight to the lake. However, additional paved areas contribute to stormwater runoff which might be captured within "old" pavement areas. For example, about 5,000 ft² of hard surface above the boat landing drains to areas where there is damaged pavement. It would be possible to remove some of this pavement and create underground infiltration below the pavement. 420 ft³ of capacity would capture a 1" rain. If rock infiltration is used, this would equate to 1040 ft³ of rock infiltration volume (and less volume if underground chamber is used). For example, a rock trench 25 ft. X 10 ft. X 4 ft. deep. Top could be gravel or paver blocks.



Here is another area where under-pavement infiltration could be installed. A diversion (trench or asphalt bump) would be needed to get water to this spot.