

## ST. Croix Hazard Tree Assessment Progress Report - July 2010



Roadsides Assessed (Km)# Trees Assessed96 km492

## **Description of Work :**

Geographic Consulting has collected data along 60 miles (96 km) of the roadsides of St. Croix. Data collection includes assessments of individual trees and collecting attributes of height, DBH (diameter at breast height), canopy, distance to the road and GPS position with accuracies of one-foot. We are also assessing the hazard potential of each tree by looking at the proximity to power lines, poles, utilities, roads, buildings and other potential targets. This information is combined with a health assessment concentrating on the tree canopy, stem and root systems, presence of disease and a general management statement. Other data collected are power pole positions and the heights of the lines. All of this information is tracked in a GIS (Geographic Information System) and can be analyzed to show and track trees and areas in immediate need and identify areas available for roadside planting.









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