Cambridge Public Works

Snow Clearing Operations
Cambridge Public Works Snow Clearing Responsibility

• Remove snow from all public roads

• Clear snow from all public pathways and public sidewalks
  • Pedestrian access is a priority for the City of Cambridge!
Walking Paths at Cambridge Public Library
Walking Paths Under Snow
Current ‘Technology’ for Clearing Walking Paths

• Shovel
• Snow Blower
• Sidewalk Plow
Shovel
Snow blower
Sidewalk Plow
Challenges

• Finding the walking path when it is covered in snow
Current Solution – Snow Stakes
Problems with Current System

• Need to install snow stakes every fall
• Snow stakes disappear over the course of the winter
• Sidewalk plows destroy grass and irrigation equipment when plowing pathways
• Sidewalk plows are too large to clear some areas in parks
Self Driving Car
Self Navigating Vacuums
Navigation Assisted Snow Blower?