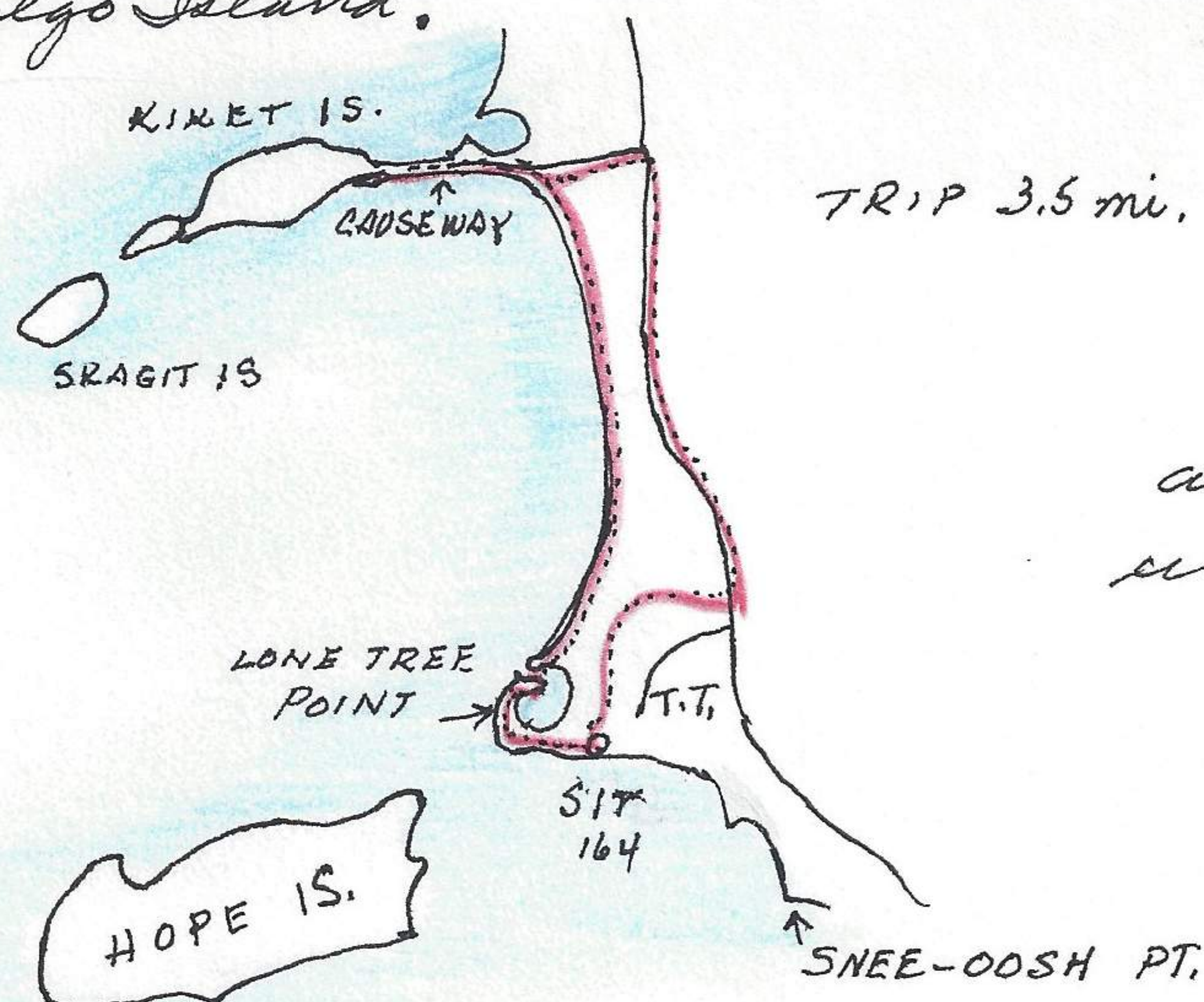


and Fidalgo Island.



Enroute observed considerable
modification of shoreline.
mi. Cement barrier with
level bases hold water
and seaweeds and debris
and cause stagnation and
unsightly areas



Best method is to slope base of wall so that debris will slide off and keep slope dry and free of wet accumulations. Access is from paved road to beach to simple wooden stairways. Evidence of sewage leaks along route. Grass and yard trash is being dumped over bank so that high tide will carry it off. One owner of home had cut several logs with chain saw and approx 3 bushel baskets of sawdust lined and covered the beach, another form of pollution. Shorelines should be controlled as to how they are modified. Dumping of foreign ^{rock} along bank for wave protection produced a modified beach composition in contrast to natural beach materials.

Early this morning (8:30 A.M.), two great blue herons performed on edge of beach. When approaching each other (30') they extended their wings and wacks around their particular area. The wing spreading was in proportion to the distance they were apart. This behaviorism lasted about 20 minutes. Sometimes one would leave area as if flying away but in each case they would flight hop to another position in the water 3-8 feet away in which they would again extend their wings. Could outstretched wing when fishing be a defensive position rather than creating a shadow in which fish are attracted.

La Conner Preserve, T.T., Skagit Co., Washington.
Oct 4, 1984

High wind all night, min. temp 54°F . White caps this A.M. and
rip-tide waves at slack tide (low) producing an area of nearly
all white caps. One Pomarine jaeger flew with wind at
an estimated speed of 40 MPR. One northwestern crow was sailing
with wind and dropped food but before it could stop he over—