

STOP #10

OLD INLET BOOKSHOP

Continue walking north on Main Street toward the Sterling Highway until you arrive at the [Old Inlet Bookshop](#), a third-generation bookseller. Built by Bert and Inga Hansen pre-World War II, was barged over from Yukon Island and rebuilt in the early 1930's.



The old inlet bookshop contains 20,000 titles. If each title contains an average of 200 pages, how many total pages are contained within the store? How many words would you estimate?

Discuss the many 2-D and 3-D shapes, angles, and lines forming the construction of the bookshop.

Challenge problem: Suppose you have a 150 lb cart full of books, on a ramp which is inclined at a 12 degree angle. What force is required to keep the cart from rolling down the ramp?