on the eastern shore, and continues up the stream to the East Branch of the river, a distance of nine miles; thence to the West Branch, five miles, over uneven ground; and in no place the gradations need exceed forty feet per mile.

From the outlet of the West Branch, the route passes up the valley of the Middle Branch; the first three miles requiring heavy embankments, side walling, and some rock excavation; and the grades must be about ninety-three feet per mile. Thence succeeds two miles of level, by a range of ponds; thence one mile with a rise of one hundred feet, which may be overcome by a grade of fifty feet per mile, by commencing back one mile, and keeping on the slope of the hills adjoining the ponds. from this to the boundary is one mile and three-fourths. A part of the distance embraces the shore of a pond, which is the source of the Magallaway, and the last three-fourths of a mile rises one hundred and thirty feet, which must be overcome by keeping along the slopes of the hills, and dividing the grade equally for the whole distance; which will, in that case, be about seventy-five feet per mile.

From the boundary, the route passes down the valley of Salmon River, a distance of forty miles, passing Victoria to the river St. Francis, and thence by the river St. Francis to Sherbrooke—distance about thirty-five miles.

WESTERN ROUTE.

From Andover, the WESTERN ROUTE passes up the valley of Sawyer's Brook to a summit, ten miles, dividing the waters of this stream and Dead Cambridge Stream, which empties into Lake Umbagog. For the most of this