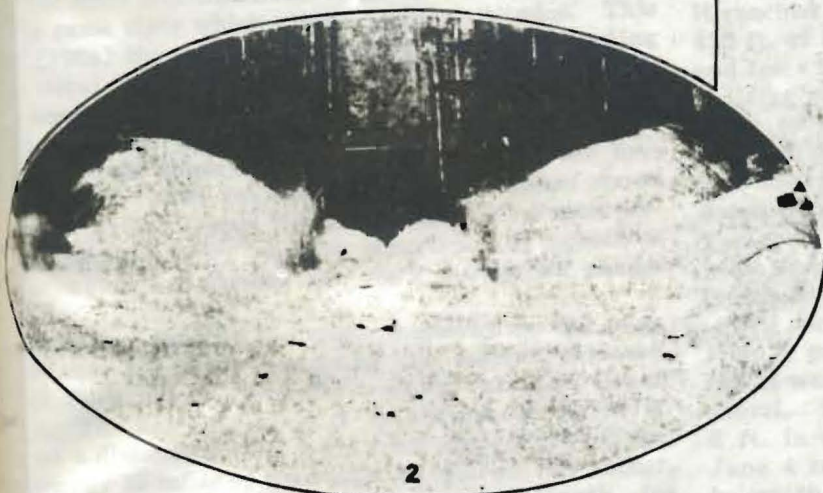


The average for the total 118,187 cu.yd. of snow removed from the highway last winter by this plow was 1.74c. per cubic yard.

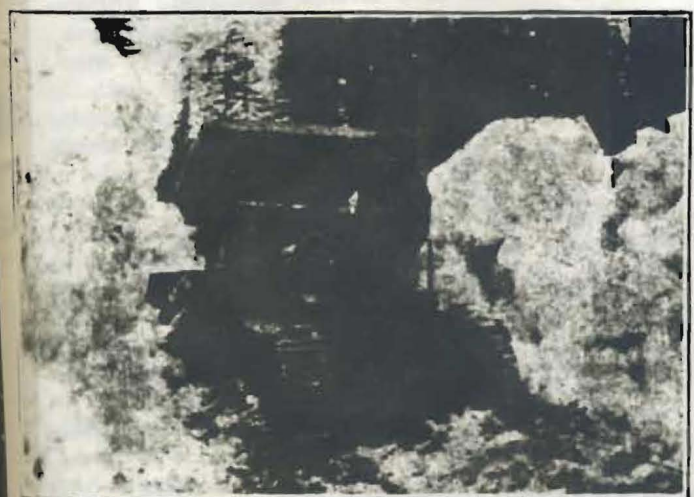
In depths of snow exceeding 5 ft. where the snow has become extremely solid, the rotary cannot advance continuously but moves ahead a few feet until the snow

Clearing the Snow from Snoqualmie Pass in Washington



3

- 1—ROTARY OPERATING IN 2½-FT. SNOW
The low angularity of snow thrown at slow rotor speed gives satisfactory clearance at this depth.
- 2—ROTARY OPERATING IN 5-FT. SNOW
High rotor speed gives a steep angle to snow thrown out of cut.
- 3—ROAD EAST OF SNOQUALMIE PASS
CLEARED BY PUSH PLOW
Curvature and soft roadbed make it difficult to keep two coupled tractors in alignment.
- 4—TWO CATERPILLARS BEHIND PUSH PLOW
- 5—PUSH-PLOW USED EAST OF PASS



5

In snow 2½ ft. deep, 4½ miles of roadway were cleared for a width of 14 ft. in 8 hours. In 6-ft. snow, a 10-ft. roadway was cleared for approximately 1,000 ft. in the same time. Progress varied greatly with the weight and condition of the snow. Considerable time was lost due to breakages and delays in making repairs.

banks up too high in front of it, whereupon it is necessary for men with shovels to cut the banks to a slight angle, allowing the snow to be thrown up this angle from the tops of the rotors and clear of the edges of the cut. In widening the first cut through heavy snow it is usually possible to take out only about 12 in.