

## DETAILED ESTIMATE.

## ROUTE No. 4 (WILSON ROUTE).

With single locks:

Excavation for levels and locks:

Earth, 7,152,000 cubic yards, at 25 cents,	\$1,788,000
Rock, 6,340,000 cubic yards, at \$1.25 . . . .	7,925,000
Slope walls, 237,000 cubic yards, at \$1.50,	355,500

Locks:

In rock cutting, 8 at \$460,000,	\$3,680,000
In earth cutting, 10 at \$660,000,	6,600,000
Guard lock, 1 . . . . .	420,000
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	10,700,000

Movable dam in summit level . . . . .	100,000
Bridges . . . . .	138,000
Contingencies, 10 per cent. . . . .	2,100,650
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	\$23,107,150

Lake harbor:

	Feet.	
Extension east pier . . . . .	1,000	
New west pier . . . . .	1,700	
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	2,700, at \$60. . . . .	162,000

Channel 200 feet wide, 2,300 feet long:

250,000 cubic yards rock, at \$1.50 . . . . .	375,000
Contingencies, 20 per cent. . . . .	107,400
Dredging in Niagara River, 1,500,000 cubic yards, at 30 cents . . . . .	450,000
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	932,400

Grand total . . . . . \$24,201,550