

NYS Flood 2017 Lake Ontario Form 2 – Town of Yates

Form 2 – Imminent Threat Narrative

A. Community Development Need Description

During the spring and early summer of 2017, the Town of Yates experienced significant flood damage along the Lake Ontario Shoreline due to unforeseen and unavoidable circumstances. The Town of Yates witnessed shoreline reductions and instability in three municipal locations. The most severe shoreline erosion was experienced at Morrison Road Town Park in some cases washing away up to 30 feet inland along the 600-foot shoreline and taking with it numerous trees and encroaching on several picnic areas and a pavilion. There was significant – though less severe – damage at the north ends of Marshall Road and the Niagara-Orleans County Line Road. In all three cases, public safety is of utmost concern. In particular, the town park shoreline – which hosts hundreds of residents and visitors each year – has been roped off and restricted out of fear that a visitor could step off the receding and unstable edge of the shoreline and drop 8 feet to the water.

B. General Project / Program Description

1. Scope of Work:

- a. Town Park: Approximately 600-feet of frontage with an 8-foot drop to the lake would need 2,300 tons of rock with chinking stone and 3,500 cubic yards of fill dirt to re-establish and secure the shoreline.
- b. Marshall Road: Approximately 50-feet of frontage (approximately 73-feet of shoreline from the west to the east side) with a 5-foot drop to the lake and a 30-foot culvert pipe (30-inch diameter) out from the bank would need approximately 260 tons of rock with chinking stone to re-establish and secure the shoreline.
- c. Niagara-Orleans County line Road: Approximately 50-feet of frontage and a 15-foot drop to the lake would need 420 tons of rock with chinking stone to re-establish and secure the shoreline.

2. Methodology: Town Engineer will determine the best and most cost-effective approach to address the Scope of Work. Initial construction estimates were obtained from a local licensed construction company.
3. Implementation: Town Engineer would secure three closed bids and recommend to the Yates Town Board the bid which most reduces the risk to health, welfare and safety of residents and visitors at the least cost.
4. Alternative Funding: No other sources of alternative funding are available to the Town of Yates.
5. Grant Administration: Town of Yates will hire a grant administrator (most likely through the good offices of Orleans County IDA) to ensure timely and cost-effective grant administration and program completion.