

# Eagle Lake Causeway Replacement Project

In the near future the DOT plans to replace the Eagle lake causeway and bridge, ELPOI is looking to gather member feedback about what changes we would like to see and not like to see when the DOT designs the new roadway and bridge. 2.1MM has been budgeted for this as of this year.

Some Current observations:

- current width at water line is about 15'
- current height off the water with lake at 0 is about 50"
- depth of water about 6'
- culvert road deck is two 10' wide road surfaces with no shoulders
- east and west approaches are similar in width, two 10' lanes with minimal shoulders, with no walking, bike riding area

HEIGHT:

current height is limiting to the following- pontoon boats, high profile fishing boats with large motors and hydraulic position keeping legs, some jet skies, mid to large pleasure boats with windshield and canopies, and trailer-able sail boats. 6-12" of additional height and access would benefit some of the mid size pleasure craft boats, additional larger fishing boats and maybe more jet skies.

IMPACT OF ADDITIONAL HEIGHT: More access for larger boats - will some, residents and/or transients, moor a boat on the lake and use it as weekend retreat? there are no restrictions for this and this was/is becoming a problem on Lake George.

More access might prompt Eagle Lake residents to purchase larger boats and then request deeper water in the bays to allow access there, the lake level MUST be kept as current as per our Adopt a Resource agreement with the DEC and to protect the shore from erosion and nutrient wash, and all those structures/docks that have been built to the current level, etc.

More access might prompt Eagle Lake residents and transients to request the boat ramp be improved to allow launching of larger craft. What impact will this have as far as attracting more traffic to the lake? ( a survey 20 yrs ago asked EL residents their thoughts on ramp improvements and the response was "leave it as is")

Increased road deck height for increased distance above the water increases the ramp up to the Bridge and this increase in road access height dramatically changes what can be seen from all locations. are "we" willing to accept a change to the aesthetics?

Increased road height really may change who uses and access' the lake. This may bring more opportunity for boats that have not been properly cleaned to use the lake. This could increase our exposure to the spread of Invasive species.

Increased bridge height will open the opportunity for bigger, and possibly more boats, increased wake impact, speed, traffic, irresponsible use, etc.. who and how should dealing with this be addressed? (some of this has been topics for our annual meeting for decades, with little resolve).

Increased height, width and water depth may lead folks to go faster through/ under the bridge increasing the chance at hitting the ring/rim of rocks on the south side. Will the state or anyone post notice for this?

Increased Height would also result in Increased Width as a support base for the roadway would need to be increased in size, and the line of sight across the lake from one basin to the other would be significantly affected with changes in roadway height.

#### WIDTH AND DEPTH:

Current width and depth is not limiting to boaters, but requires a slower travel and possibly a wait for someone coming in the opposite direction. Current conditions do divide the water into 2 distinct basins with possible different temperature profiles and fish etc.

Current width, per DOT inspectors, classifies the structure as a "culvert", which does NOT qualify for federal funds in its repair/replacement.

Increasing Width and depth could benefit the lake and its ecosystems health - by providing for more mixing of the waters and movement of fish etc..

How wide and how deep should the new passage be?

Aesthetically, what do "we" want to see?

#### ROAD DECK AND APPROACHES:

Would we be interested in bike/ walking lanes?

Would a wider road deck for walking/biking mean increased speed thru this part of Rt 74?

Aesthetics of the materials planned for use for the road containment/embankment?  
any thoughts on what people would want to see? any lighting?

#### CONSIDERATIONS ON IMPACT OF CONSTRUCTION:

- 1) What impact will construction have to boat travel between either basin? will it be blocked?
- 2) What are potential Rt 74 road closure details for lake residents? especially for the few who are on the west side and need/ want to access Ti.
- 3) What are the potential impacts to emergency response teams from Chilson/Ti if they need to reach a site to the west of the construction?
- 4) What are potential Rt 74 road closure impacts to the Stoney Lonesome Road?
- 5) Is a "temporary" parallel structure for a detour being considered?
- 6) What land area and restoration of same for a staging area are being considered?
- 7) When work in the water is being done, what consideration will be given to prevent spread of invasive's, and other lake ecosystem disruptions?
- 8) Time frame and time line for construction, is this a summer or winter project disruption? mitigation of noise from construction?
- 9) Impact concerns to waterfowl that use both basins of the lake via the water in the causeway?

SURVEY: Please fill out this Form and return these last 2 pages to:

Chris Hyde  
64 Blue Barns Rd.  
Rexford NY 12148

Would you like to see the Height of the bridge changed,  
if so, How much? Circle one:

6" 12" 18" 24"

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Would you like to see the width of the bridge Changed, Yes? No?  
if so, how much wider?

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What Aesthetics would you like to see changed? ie, what kind of grading would  
you like to see along side the roadway into the lake (currently its crushed rock).

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What Aesthetics would you NOT like to see change?

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Would you like to see an additional biking or walking lane?

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Would you like to see additional lighting?

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Thoughts and ideas on impact of Construction:

Additional Comments and WHY these ideas would be helpful:

Additional Comments and WHY these ideas would be helpful:

KJP  
RHT  
10/10/18



## ELPOI Causeway Survey

KJP 1/11/2019

Bridge Height  
Bridge Width increase  
Increase road width  
Change Aesthetics  
Biking/Walking lane  
Additional Lighting

6"	12"	18"	24"	More
	12	2		3
				5'

Construction comments

29 Survey's returned

Yes	No	Crushed Rock Yes	Crushed Rock No
		12	
7	11		
5			
	18	1	
15	13		
4	21		

- 2 Minimize impact to private property
- 3 Protect Lake during construction
- Fall Construction
- 6 Leave what we have
- 3 bigger boat access
- 5 road access during construction
- 4 Protect lake use and aesthetics
- Floura plantings along causeway
- Speed sign inclusion