

MARSH LAKE ROAD

Status update: May 23, 2019



Activities since May 9th update:

- The following was identified from the site visit conducted by Public Works on April 29th to identify items which may need consideration in the development of budgetary cost estimates. A graphic will be provided highlighting the locations of the following items.
 - There are several small diameter culverts crossing the road that are recommended to be replaced as part of any improvements to the road.
 - Driveway culverts should be evaluated for replacement with final design.
 - Area of frost boils were documented to help identify where subgrade soils may require correction (removal and replacement with better soil).
 - An area of a flatter boulevard and two steeper boulevard areas were highlighted which could result in needs for retaining walls or storm sewer inlets. An example of a steeper is slope is adjacent to the wetland in the Lakeside Estates neighborhood between Waters Court and Woods Drive.

- Evaluation is underway to establish a proposed typical section (i.e. width) for Option No. 2. Staff met with Josh Mulvihill (resident representing Marsh Lake Road) to obtain input for the roadway width. Examples for roadway width (meeting state aid standards) range as follows (width measurements are from face of curb to face of curb):
 - 24-feet wide - 2-11' lanes + 1' curb reaction both sides
 - 26-feet wide - 2-11' lanes + 2' curb reaction both sides
 - Victoria examples: 86th Street, 78th Street, Smithtown Road
 - 28-feet wide - 2-11' lanes + 2' curb reaction both sides
 - Victoria examples: Streets in the neighborhoods north of Marsh Lake Rd
 - 29-feet wide - 2-11' lanes + 1' curb reaction + 5' bike lane one side
 - 31-feet wide - 2-11' lanes + 1' curb reaction + 7' parking lane one side
 - 32-feet wide - 2-11' lanes + 2' curb reaction + 6' bike lane one side
 - Victoria example: Red Fox Drive. This street is 32-feet wide but note drive lanes are wider, shoulder is wider and there is no striped bike lane. Providing it to provide an example of the overall width.
 - 34-feet wide - 2-11' lanes + 1' curb reaction + 5' bike lane on both sides
 - 38-feet wide - 2-11' lanes + 1' curb reaction + 7' parking lane both sides

- Next steps include continued evaluation of roadway width for Option No. 2 and scheduling a meeting with the Geotechnical Engineer to discuss pavement section design for Option No. 3.