



# CITY OF CONCORD

## REPORT TO THE MAYOR AND CITY COUNCIL

**FROM:** David Cedarholm, City Engineer

**DATE:** April 30, 2018

**SUBJECT:** Recommendation to accept improvements at the intersection of Manor Road and Abbott Road, included as CIP 582 - Manor Road/Abbott Road Roundabout Intersection Improvement Project (FY2018).

### **Recommendation**

Accept the design and construction of roadway improvements at the intersection of Manor Road and Abbott Road. These improvements are included in the FY2018 budget as the Manor Road/Abbott Road Roundabout Intersection Improvement Project (CIP 582) to be constructed and funded by the developer of the Oxbow Bluff residential development.

### **Background**

The construction of the roundabout is part of the Oxbow Bluff three phased cluster condominium development (63 units) that is located to the north of the Manor Road/Abbott Road intersection. The project was first submitted to the Planning Board in 2005 and eventually received conditional Site Plan Approval on May 31, 2006. In response to Engineering's concerns over the poor geometry at the Manor Road/Abbott Road intersection and increased traffic volumes that would be generated from the development, the City's traffic consultant (VHB) evaluated intersection improvement options and a roundabout was recommended to mitigate potential traffic impacts at this location. A roundabout was presented as the part of the required off-site improvements for the project by City staff at the March 15, 2006 Planning Board meeting, and was ultimately included as one of the final conditions of approval. The project was then added to the CIP program to serve as a place holder until the development progressed to the point where the off-site improvement was required.

The majority of the first two phases for the Oxbow Bluff development are complete and construction of Phase III has begun. As part of the Planning Board's conditional approval, the construction of the roundabout is required to be constructed prior to the completion of Phase III. The roundabout plans were designed by the developer's engineer (Northpoint

Engineering, Inc.) and have been reviewed and approved by the Planning Board and Engineering.

### **Discussion**

As stated above, the construction of a roundabout will address deficiencies in the existing intersection geometry and is a condition of the Planning Board approval for the Oxbow Bluff residential development. A pre-construction meeting for the project was held with the developer and contractor on May 1, 2018. A public informational meeting will be held during the week of May 14<sup>th</sup> to discuss project details with the area residents and answer questions. The contractor has secured all the necessary construction bonds, and construction of the roundabout is to begin in late May or early June. Project completion is to occur in September of the 2018. All work is being funded by the developer including construction observation. City Engineering will provide construction observation to ensure that the work meets the City's acceptance standards for public improvements. Lane closures, road closures and detours are anticipated during the construction period.

Engineering recommends that Council accept the design and construction of the CIP 582 - Manor Road/Abbott Road Roundabout Intersection Improvement Project that was prepared and submitted by the developer as required off-site improvements for the Oxbow Bluff residential development.

Attachment: Overview Plan