



**STAFF REPORT**

*Public Hearing 5-16-17*

AGENDA ITEM #: 17-48  
 COUNCIL MTG OF: May 2, 2017  
 FROM: M. Fowler, Public Works Director  
 OFFERED BY: M. Fowler, Public Works Director  
 PREPARED BY: A. Côté, Supt. of Operations  
 SUBJECT: Round 4 Implementation- Chloride Reduction I-93 Watershed Municipal Program Grant Agreement

---

**PURPOSE**

The purpose of this document is to seek authorization to enter into a grant agreement for Round 4 of the Chloride Reduction I-93 Watershed Municipal Program.

**TOWN ADMINISTRATOR COMMENTS**

**BACKGROUND**

On January 7, 2010, Town Council authorized the Town Administrator to generate the Salt Management Plan for the purpose of supporting the chloride reduction in the I-93 corridor. By adopting the Salt Management Plan, the Town was eligible for grant funding to upgrade equipment used in winter operations. Round #1 funding was approved by the Town Council in January 2010 for the purchase of a five ton truck with the Town of Derry responsible for 20% of the cost and the State of New Hampshire reimbursing 80% of the cost. Round #2 funding was approved by the Town Council in June 2012 for the purchase of two additional five ton trucks under the same cost share formula. Round #3 funding was approved by the Town Council in July of 2013 for the purchase of two additional one ton trucks under the same cost share formula. The Department of Public Works is seeking Town Council approval of the Round #4 grant agreement to move forward with a proposed purchase of Automated Vehicle Location (AVL) systems for 9 vehicles.

**DISCUSSION**

AVL systems are used in a number of applications for the transportation industry. More recently, several state transportation agencies and municipalities have implemented AVL technology for winter operations. The system would provide the Town with a record of where the vehicles are in real time and a record of where they were at specific times during the operations. Also, they are equipped with technology to prevent overlap of salt routes by automatically shutting off the spreader as it passes over areas previously salted within a given period of time by another vehicle or the subject vehicle.

**FISCAL IMPACT**

The total cost for equipping all nine vehicles and three years of service is \$47,500.00. The grant would cover \$38,000.00 (80%) and the Town of Derry would be responsible for the remaining \$9,500.00 (20%).

**RECOMMENDED ACTION BY COUNCIL**

Staff recommends that the Town Council authorize the Town Administrator to enter into a grant agreement with the NH Department of Transportation to receive funds to purchase AVL Equipment for nine trucks.

**RECOMMENDED MOTION**

The Derry Town Council MOVES to enter into a grant agreement with the State of New Hampshire Department of Transportation to receive funds for the purchase of Automated Vehicle Location Equipment (AVL) for nine trucks, authorizing the Town Administrator to apply for, accept and expend such funds derived from the NHDOT Round #4 Implementation – Chloride Reduction I-93 Watershed Municipal Program grant.

\* \* \* \* \*