



CITY COUNCIL WORK SESSION ITEM

**Subject:** Bayside Lane Drainage Update  
**Prepared By:** Gary Peters, Public Works Director  
Alyson Fauske, PE (MN), City Engineer  
**Meeting Date:** October 20, 2025

**Background:**

Figure 1 shows the proposed plan presented to City Council on September 15, 2025. The estimated construction cost for this work is \$15,000.

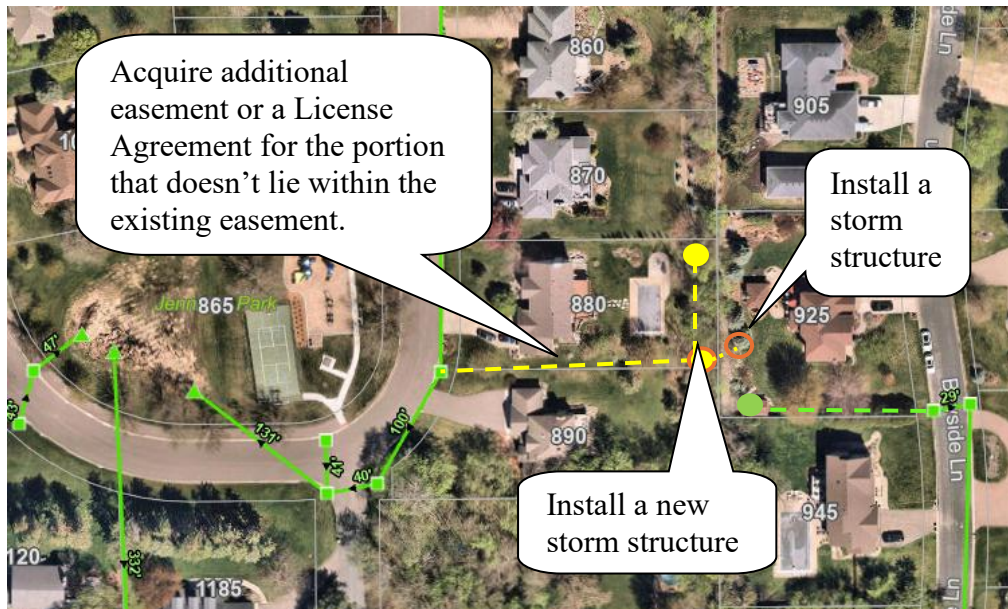









Figure 1. Proposed work to alleviate drainage issues on the west side of Bayside Lane

**Legend**

-  City-owned and maintained storm sewer
-  City-installed storm sewer (installed 2000/2001); collapsed
-  Existing private storm sewer inlet
-  Approximate alignment of storm sewer
-  Approximate location of catch basins on 880 Jennings Cove Road
-  Proposed 10' storm sewer stub
-  Proposed new catch basins

**Mission Statement:**

The City of Minnetrista will deliver quality services in a cost effective and innovative manner and provide opportunities for a high quality of life while protecting natural resources and maintaining a rural character.

The existing storm sewer in Jennings Bay Road was analyzed to determine if it's large enough to carry the additional runoff from a 24-hour storm where 4" of rain falls, which is the industry standard for designing storm sewer. The analysis determined water would back up into the pipe, and that the drain tile at the southwest corner of the home at 925 Bayside Lane would be half full of water during this 4" rain event.

Staff is looking into an option to directional drill a 4" drain tile, shown in blue below, by trenchless technology. The drain tile at the southwest corner of the home on 925 Bayside Lane is only 0.5' higher than the water elevation in the drain in Jennings Cove Road during the 4" rain event. Additionally, the well for 890 Jennings Cove Road is in close proximity to the existing pipe. Staff is talking to contractors to see if trenchless installation can be done given these constraints, and to get an idea of how much this option would cost. An update will be provided at the meeting.

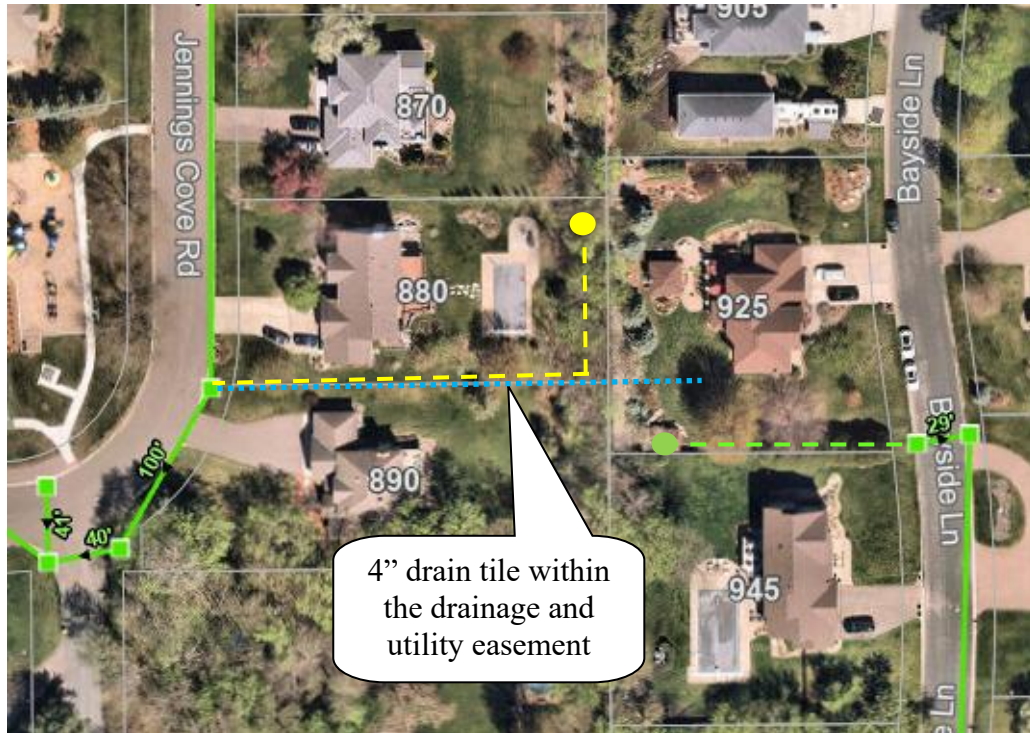


Figure 2. Option to install 4" drain tile to 925 Bayside Lane. Existing pipe shown in green and yellow.

**Mission Statement:**

The City of Minnetrista will deliver quality services in a cost effective and innovative manner and provide opportunities for a high quality of life while protecting natural resources and maintaining a rural character.