

**CITY OF ROLLINGWOOD
INFRASTRUCTURE IMPROVEMENTS PLAN
COST SUMMARY**



Project ID: R
Project Name: Hatley Drive Drainage Improvements
Drainage Basin: 6

Problem Description

Roadway flooding at Hatley Drive and Almarion Way. Property flooding along Hubbard Circle and Hatley Drive.

Proposed Improvements

Install underground storm sewer of approximately 415 feet of 36" RCP. Start at Hatley Drive property and outfall at the beginning of the Town Lake tributary channel on Almarion Way. It will include clearing and regrading downstream channel about 150 feet in length, 4 curb inlets, 1 area inlet, and 1 driveway reconstruction.

CIP Ranking

14 out of 23

Project Costs

Engineering & Survey:	\$ 57,000
Construction:	\$ 312,000
Other:	\$ 31,000
ROW/Easements:	UNK
Total:	\$ 400,000
Conceptual Cost Range:	\$250k - \$500k
Estimated Construction Duration:	6 Months

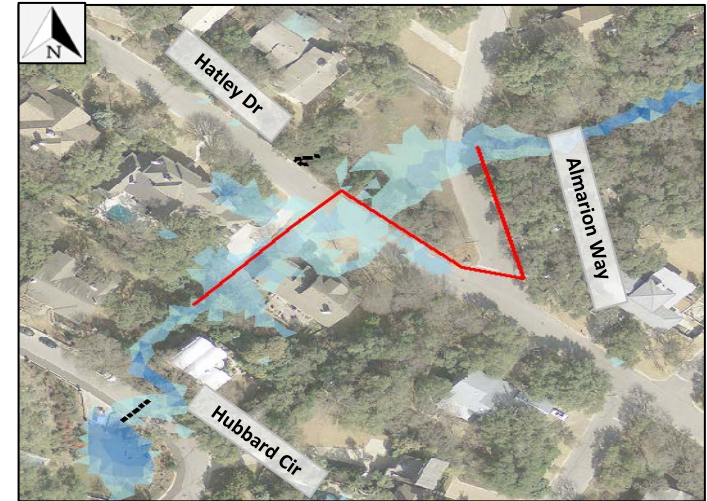
Possible Impacts

It is possible that the velocities and peak flow in Town Lake tributary will increase downstream of the project due to these improvements. Further analysis to document impacts is necessary.

Assumptions

- It is assumed drainage easements and ROW can and will be obtained as necessary.
- It is assumed the proposed storm drain will have sufficient capacity for the design storm event.
- During detailed project design, the design storm and tailwater will need additional consideration.

Project Map & Photo



Proposed storm sewer in red.
Existing 100-yr inundation shown.



Almarion Way, looking northwest. 09/11/2019