



City of Homer

www.cityofhomer-ak.gov

Public Works

3575 Heath Street
Homer, AK 99603

publicworks@cityofhomer-ak.gov

(p) 907- 235-3170

(f) 907-235-3145

Memorandum 21-033

TO: Mayor Castner and Homer City Council
Through: Robert Dumouchel, City Manager
FROM: Janette Keiser, PE, Director of Public Works/Acting City Engineer
DATE: February 8, 2021
SUBJECT: Tasmania Court Water Assessment District – Opportunity for Betterment

Issue: The design for the Tasmania Court Water Improvement Project is complete. We have an opportunity to add a betterment to this project, which would benefit the broader community.

Background:

A. Water Main Extension.

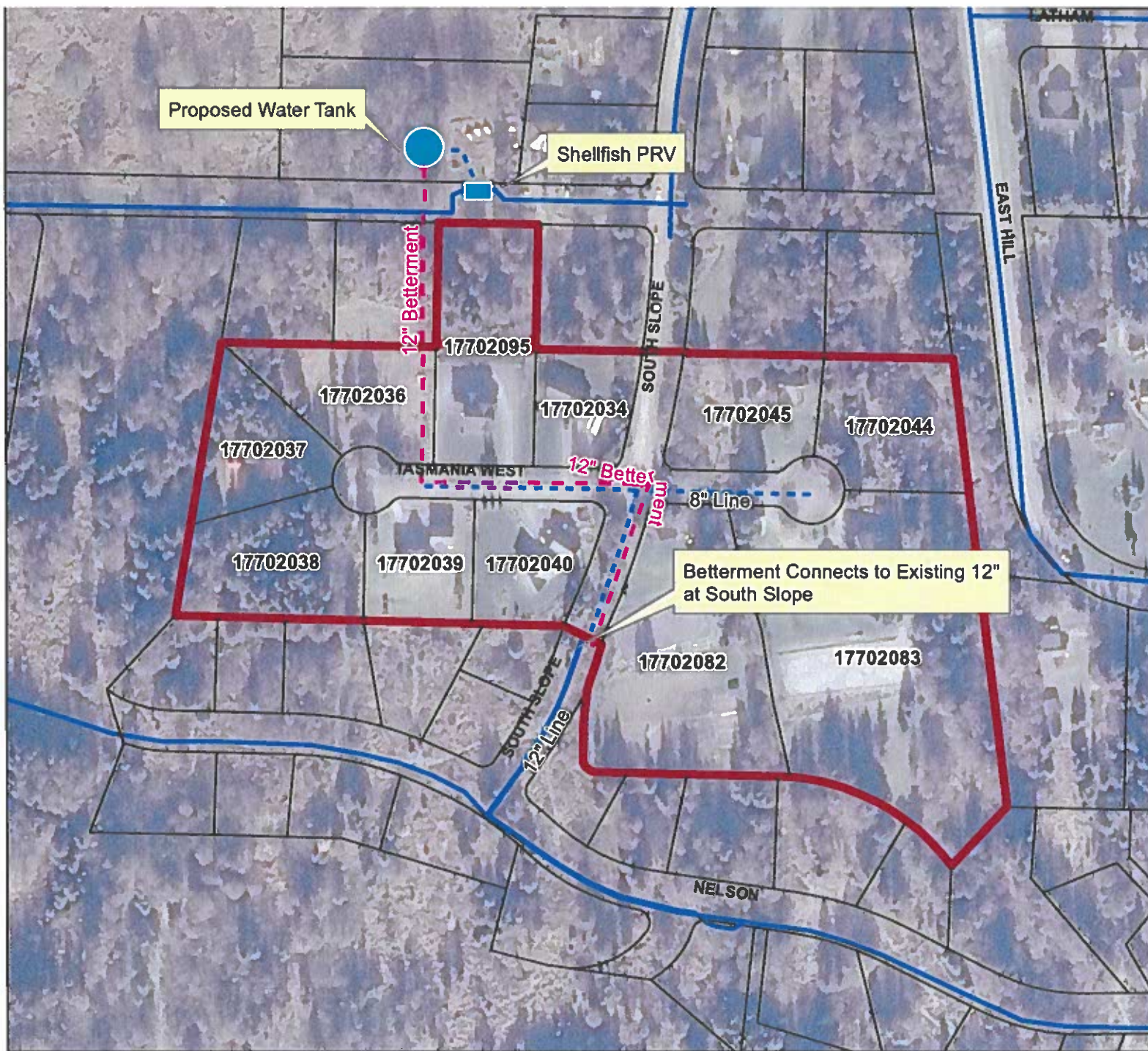
The City Council, via Ordinance 20-68, dated October 26, 2020, appropriated \$234,105 for the design and construction of a water main extension on Tasmania Court, in conjunction with the Special Assessment District created by Ordinance 20-083. The total expected project cost for the water project is \$165,919.

In 2014-2015, the City received a matching grant from the AK Dept of Environmental Conservation to design a new water storage tank to replace the A-Frame Water Storage Tank, which was demolished. In addition to replacing the demolished tank, the new tank would add water tank capacity, bringing the total capacity to 2,900,000 million gallons. The need for additional storage volumes was outlined in the City's 2006 Homer Water and Sewer Master Plan.

Further, property was acquired for this tank and some of the main extension to reach it has been installed. An interesting feature of this tank is that the pipes feeding it would be equipped with an in-line hydroelectric generator that would feed the pumps that maintain pressure in this part of the system.

We have an opportunity to build another segment of the mains leading to this tank, as part of the Tasmania Water Special Assessment District. This would be a betterment to the project, the costs of which would not be added to the Assessment Roll. The estimated cost for the design/construction of the betterment is \$88,569.

Recommendation: That the City Council appropriate \$88,569 from the HAWSP Fund to design and construction a water main extension to serve the future Shellfish Water Storage Tank, as a betterment to the Tasmania Court Water.



Legend

- SAD Boundary
- Existing Waterline
- Betterment
- Proposed Line

Coordinate System: NAD 1983 StatePlane Alaska 4 FIPS 5004 Feet
 Projection: Transverse Mercator
 Datum: North American 1983
 False Easting: 1,840,416.6667
 False Northing: 0.0000
 Central Meridian: -150.0000
 Scale Factor: 0.9999
 Latitude Of Origin: 54.0000
 Units: Foot US

SHELLFISH WATER TANK & TASMANIA COURT WATERLINE EXTENSION PROPOSAL



200 100 0 200 Feet



DEPT. OF PUBLIC WORKS
 February 16, 2021

Disclaimer:
 It is expressly understood the City of Homer, its council, board, departments, employees and agents are not responsible for any errors or omissions contained herein, or deductions, interpretations or conclusions drawn therefrom.

	HAWSP - Spent or obligated
Fund Balance thru 3/31	\$2,437,693
Tasmania Court Water Improvement	\$234,105
Alder Lane Water Improvement	\$253,193
Fund Balance Remaining	\$1,950,395

