



Water Treatment Facility

CITY COUNCIL MEETING
Wausau, WI

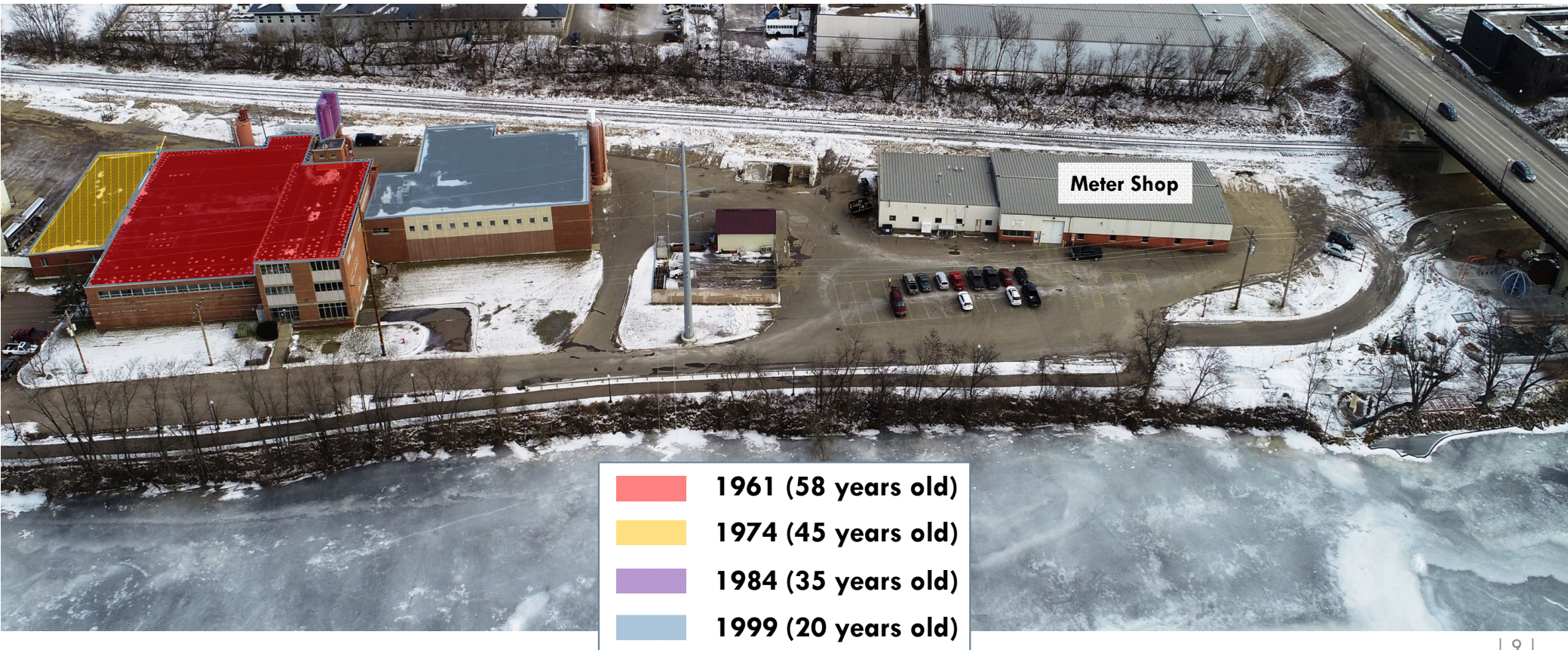
March 26, 2019

WATER vs. WASTEWATER

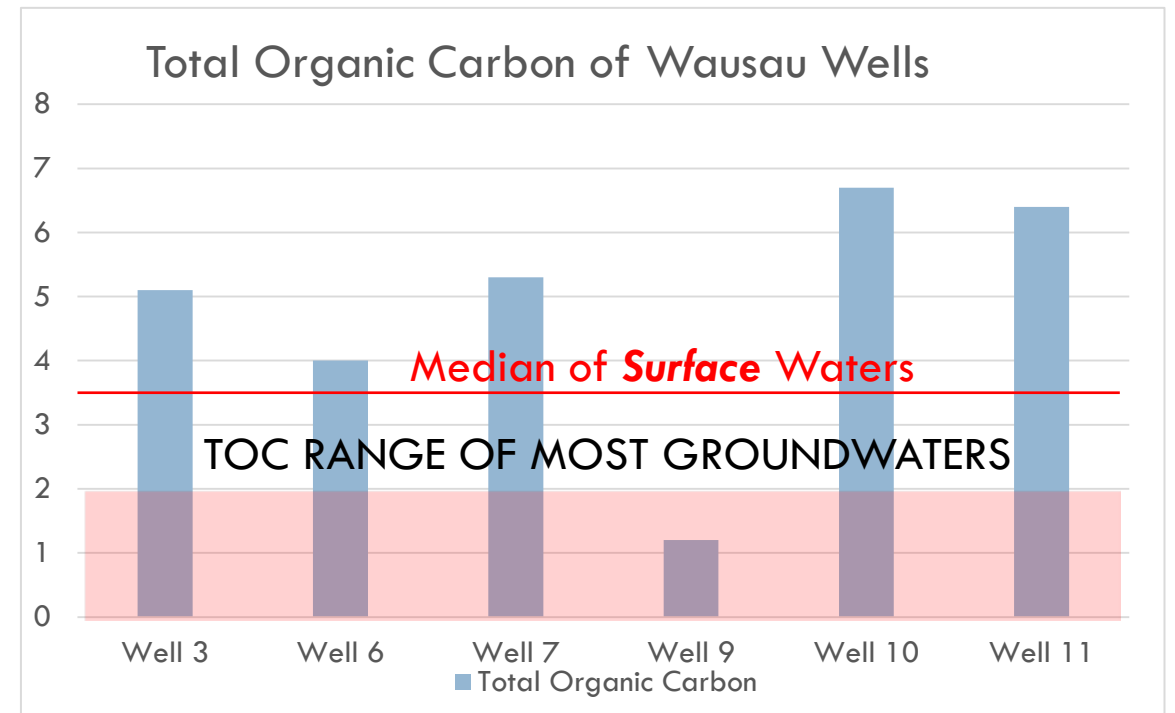
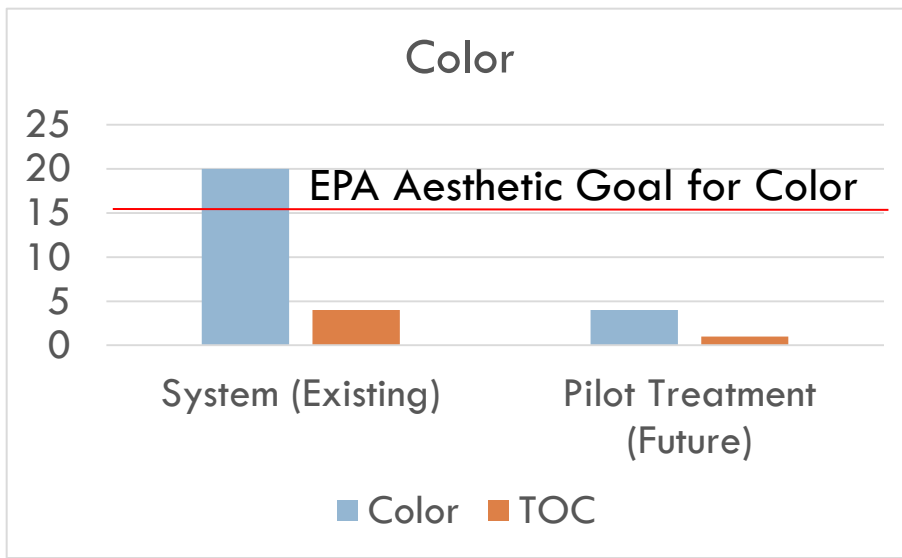
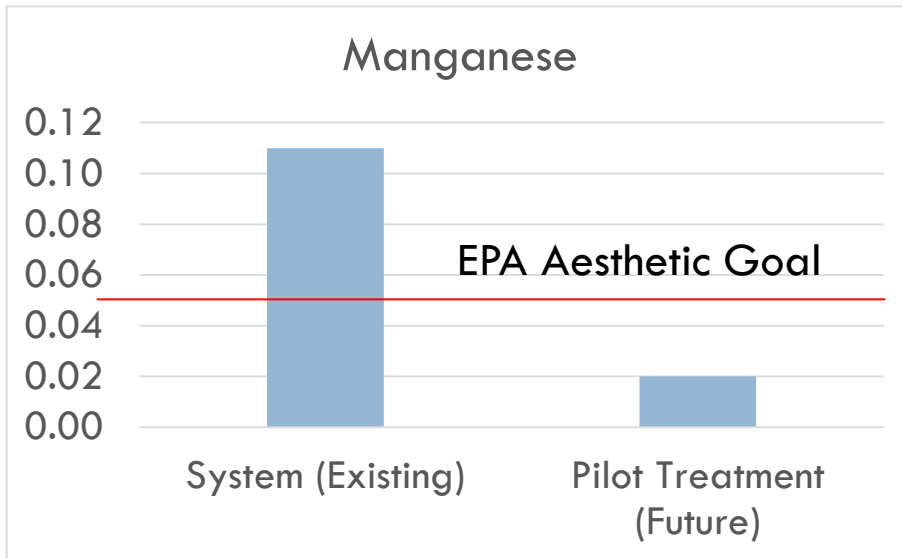
Preliminary Design Site Plan | New Structures



Upgrade Aging Infrastructure



Improve Water Quality



MARCH 26, 2019 – CITY COUNCIL MEETING

WATER TREATMENT FACILITY RELOCATION NEED

1. “Clearwell” located below groundwater
2. In a 500 year floodplain – New facility not allowed
3. Five of six water supply wells located on the NW side of the city
4. Pilot study showed new treatment type for better water quality
5. Available space currently (3.8ac); Proposed location (10ac)
6. Smartest use of funding (\$30 vs. \$41 million);

Current \$41 million investment

- a. Multigenerational project
- b. Address current regulations
- c. Space for future regulation compliance
- d. Mitigate risk of flooding
- e. Ensure safe drinking water for this generation and the next

WTP Upgrade Costs

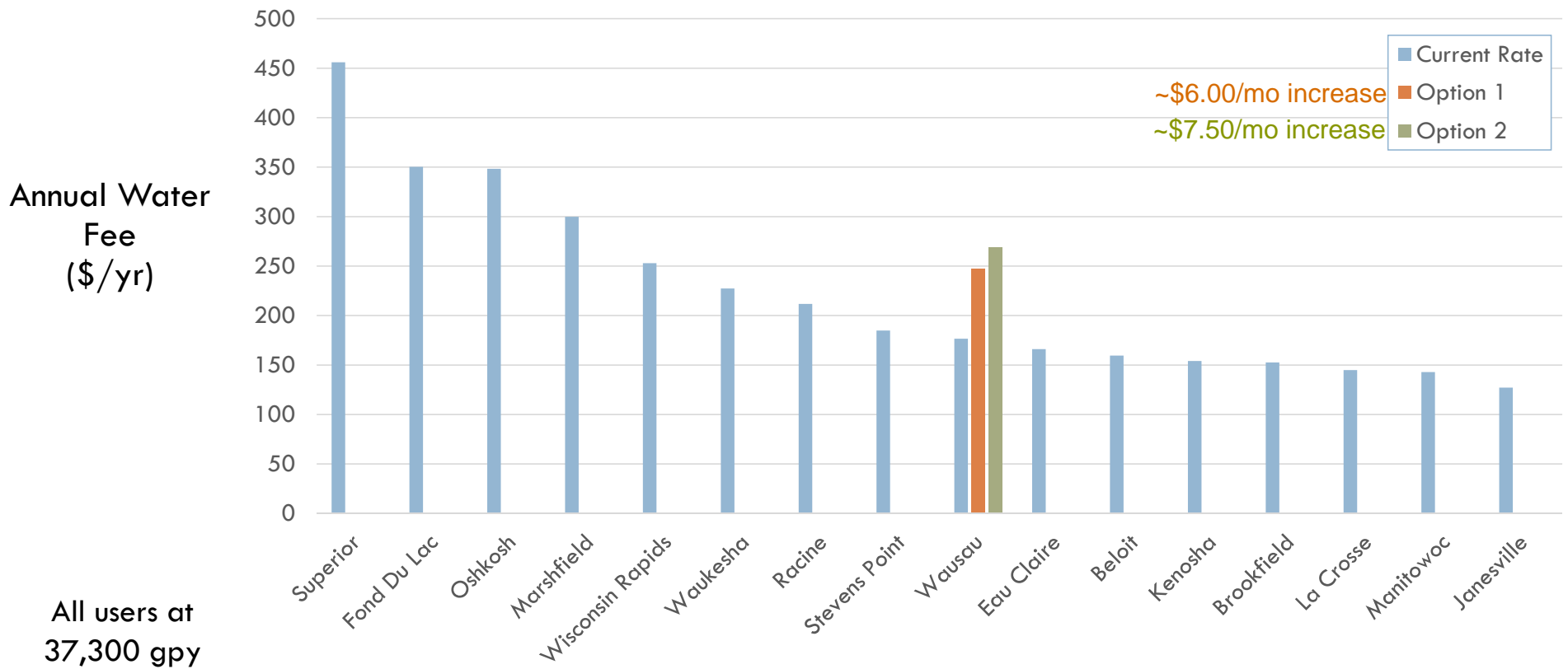
Item	Option 1: Upgrade Existing Plant	Option 2: Build New Plant at Improved Location
Water Treatment Plant ¹	\$27,000,000	\$35,000,000
Well & Distribution System Upgrades ²	\$2,900,000	\$5,900,000
Total Capital ³	\$29,900,000	\$40,900,000

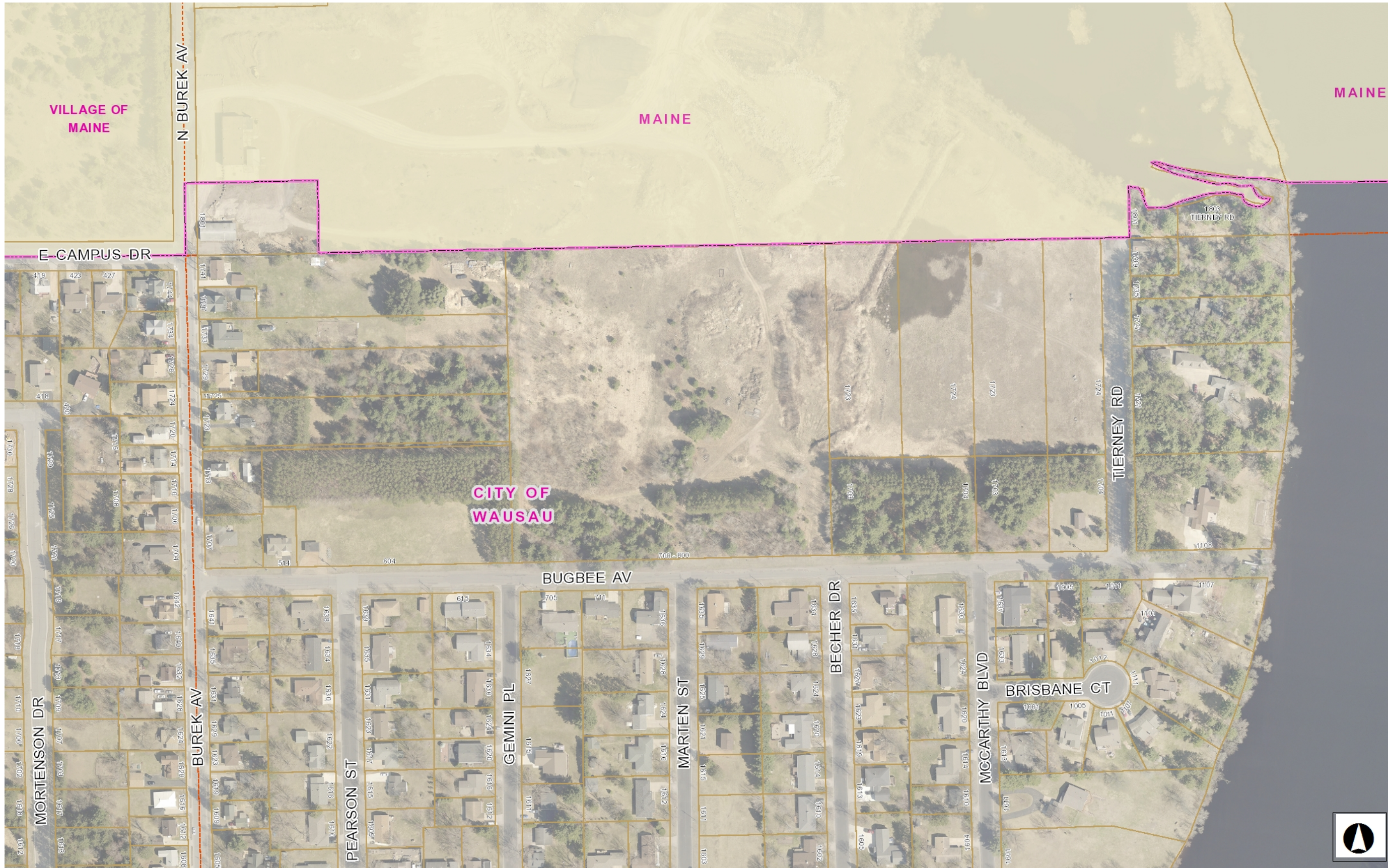
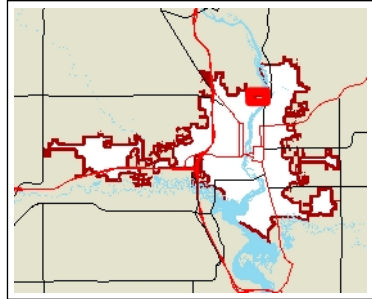
²Demo of existing facility and relocation of meter shop not included in Option 2 cost opinion

¹Option 2 includes distribution system modifications to connect supply wells to new water treatment plant

³Includes engineering

Residential Water Rate Perspective





- Legend**
- Parcels
 - Section Lines/Numbers
 - Right Of Ways



Map Created: 3/6/2019
 100.00 0 100.00 Feet
 NAD_1983_HARN_WISCRS_Marathon_County_Feet

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THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes



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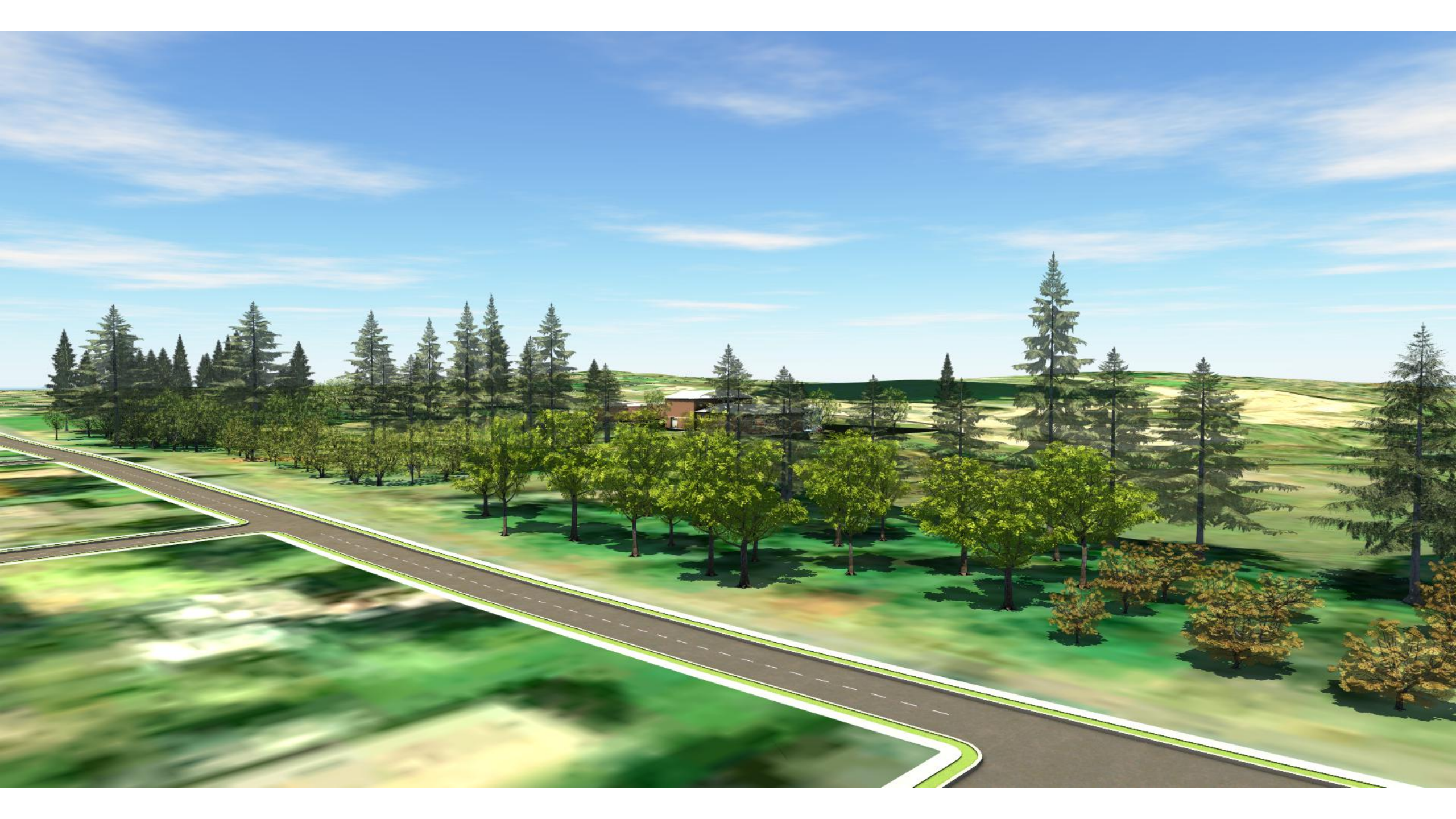
BUREK AV

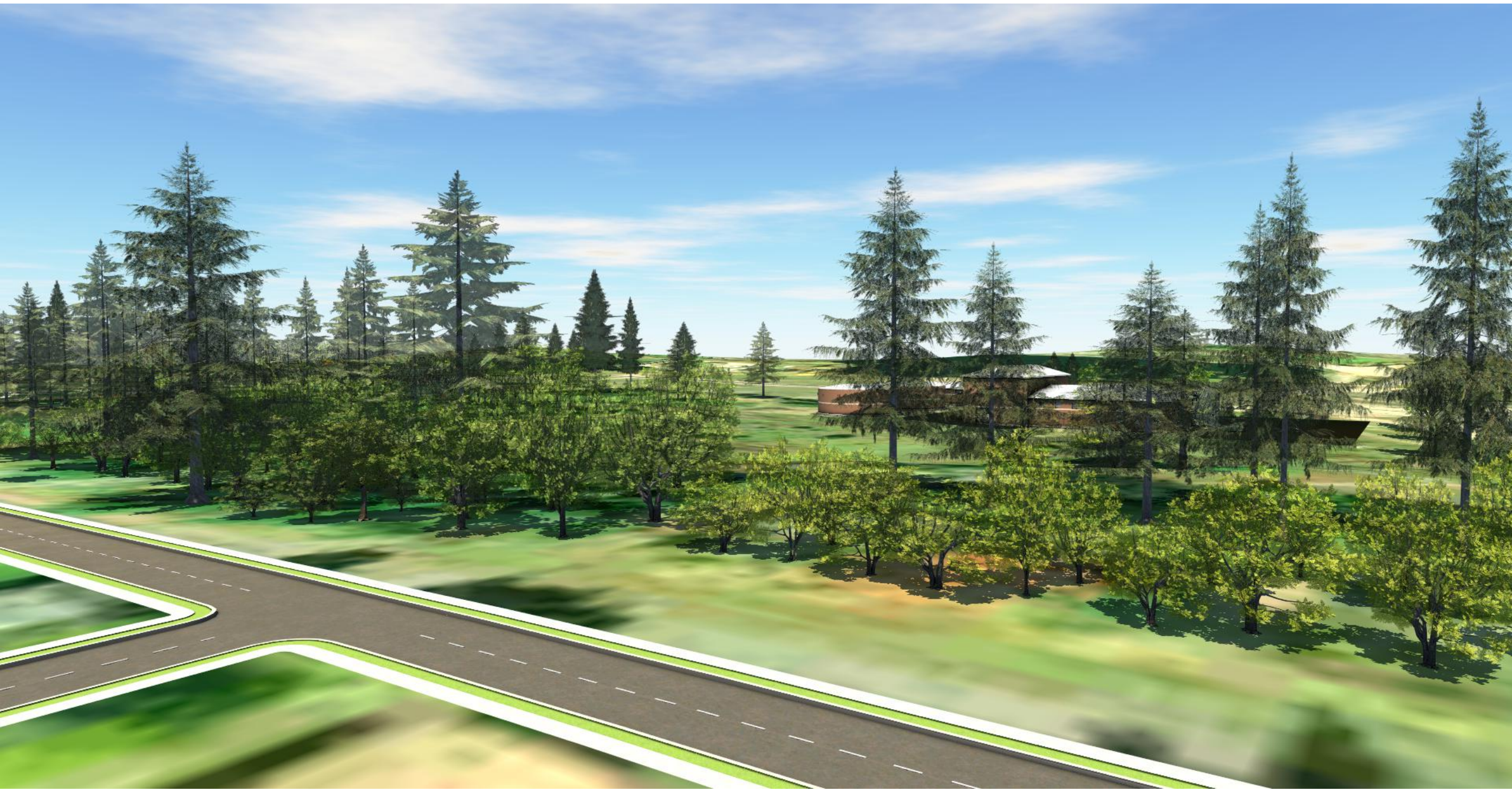
BUGBEE AV

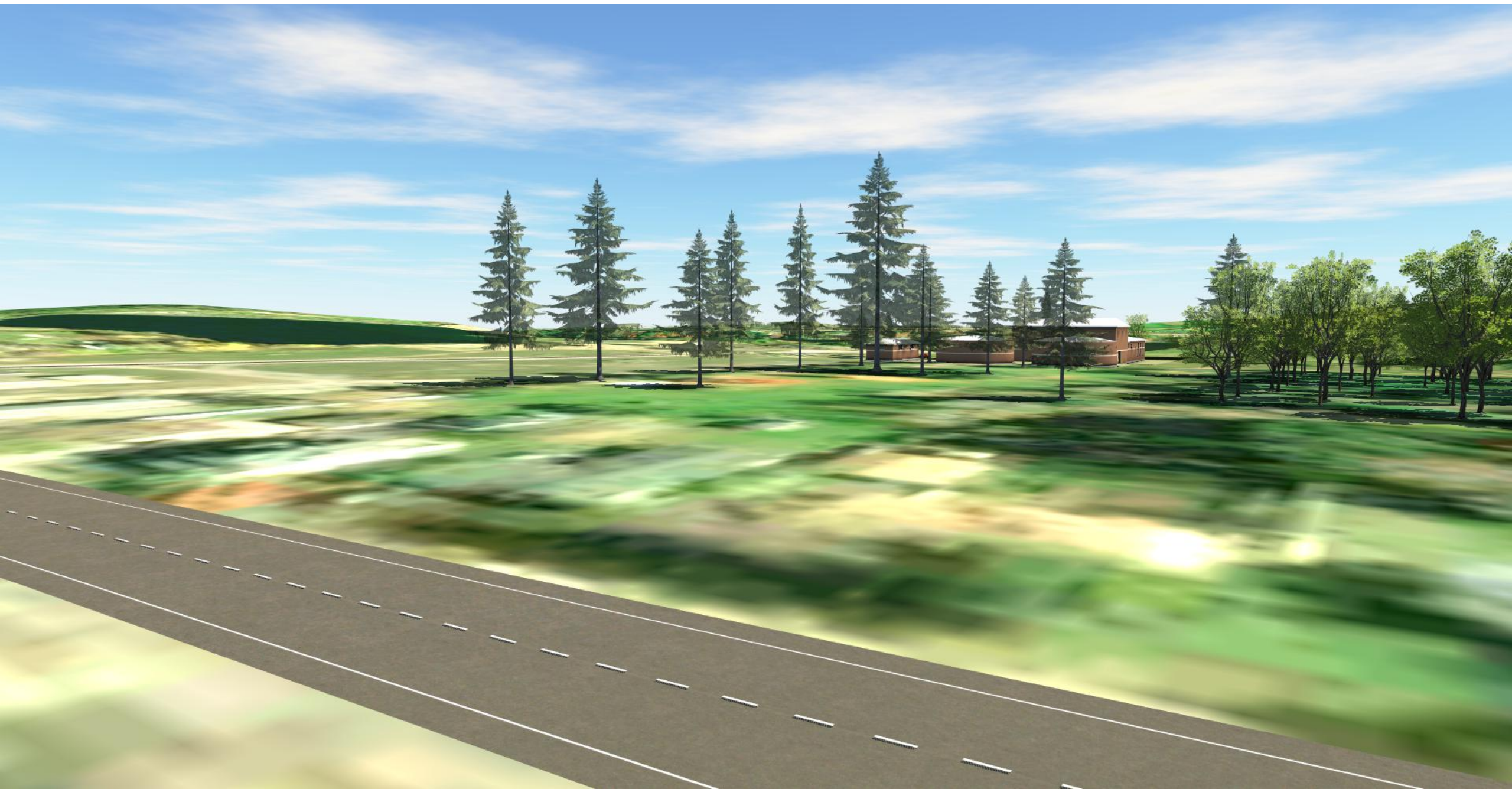
Water Treatment Plant Renderings

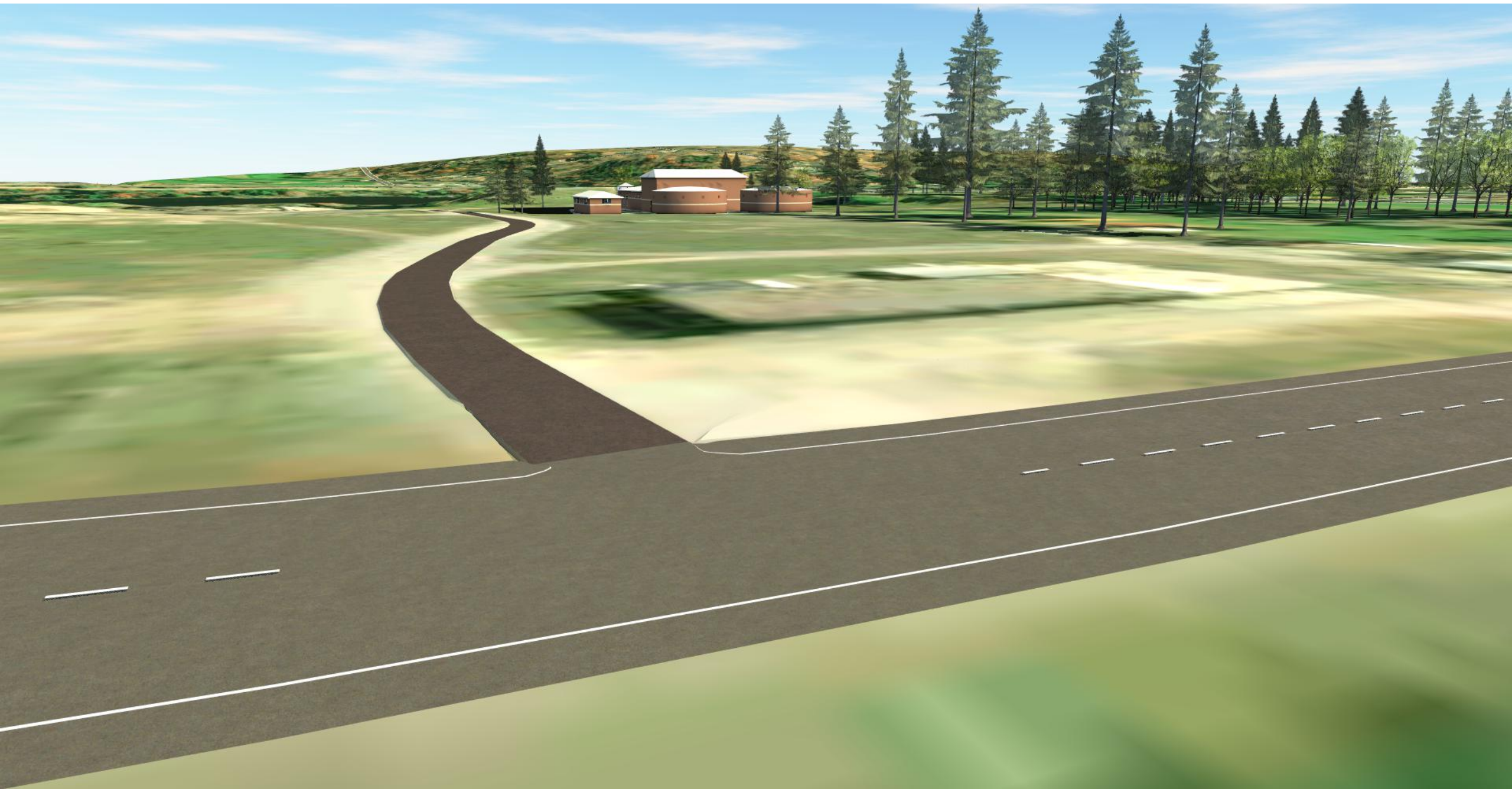
Wausau, WI











Decision Point

