

Wastewater Facilities Plan & Collection System Study

City Council Presentation

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June 2, 2026

System Overview

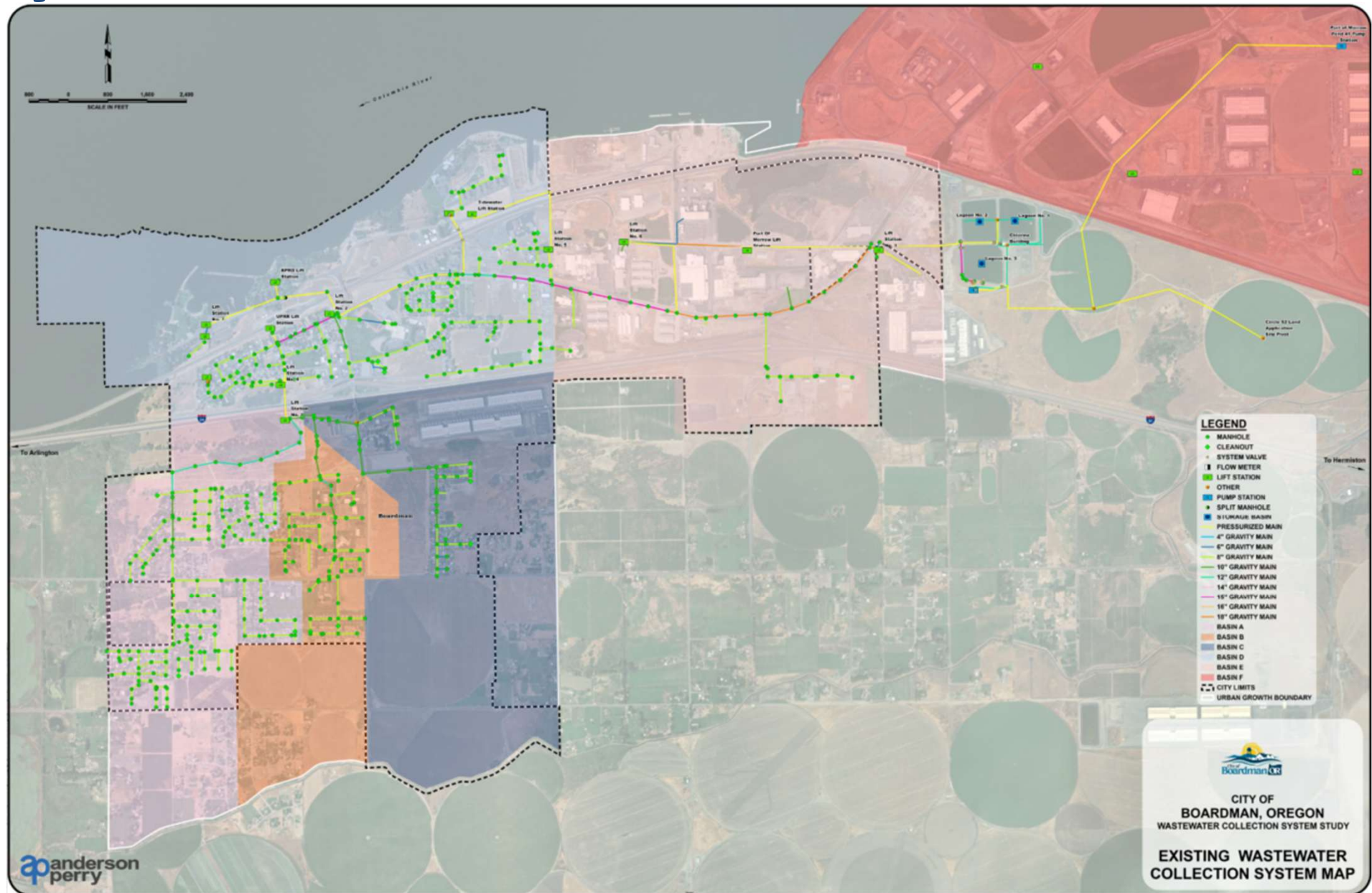


Figure 2-1 Existing Wastewater System

DESIGN CRITERIA

	Existing 2025	Future 2046
Population ¹	5,820	7,633
AAF, MGD ²	0.391	0.511
Per Capita Flow, gpcd	67	67
I/I ³ , MGD	0.145	0.145
AWWF, MGD ⁴	0.432	0.553
Per Capita Flow, gpcd	75	72
Base Wastewater Flow, MGD ⁵	0.246	0.366
Per Capita Flow, gpcd	48	48
Maximum Daily Flow, MGD ⁶	0.625	0.745
Per Capita Flow, gpcd	109	98
Peak Hourly Flow, MGD ⁷	1.245	1.570
Per Capita Flow, gpcd	214	214
Average Influent BOD ₅ , mg/L	273	274
lbs/day ⁸	891	1168
lbs/capita/day	0.15	0.15
Average Influent TSS, mg/L	324	325
lbs/day ⁸	1056	1385
lbs/capita/day	0.18	0.18

Figure 2-4 Design Criteria

TV Inspection Summary

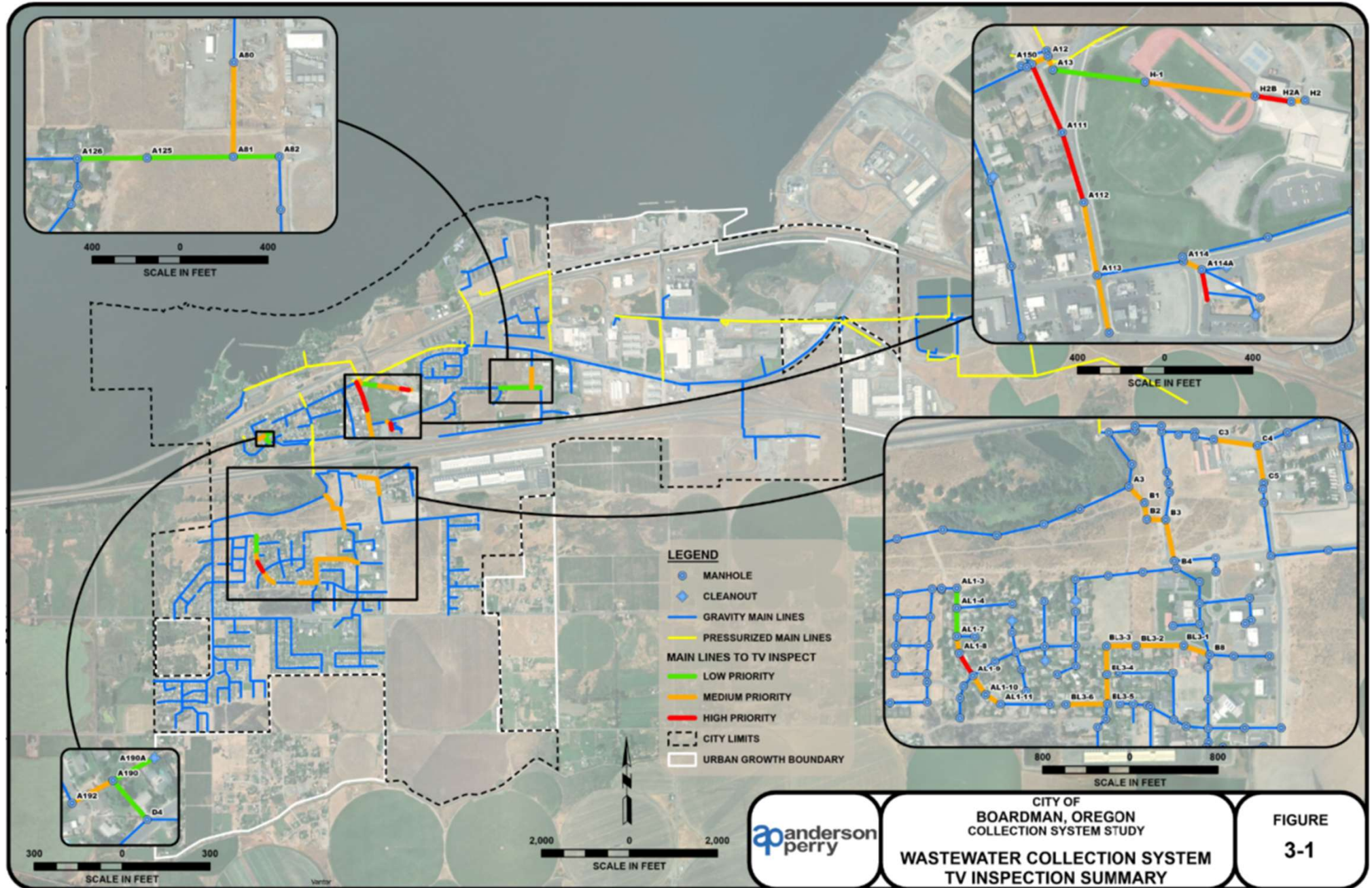
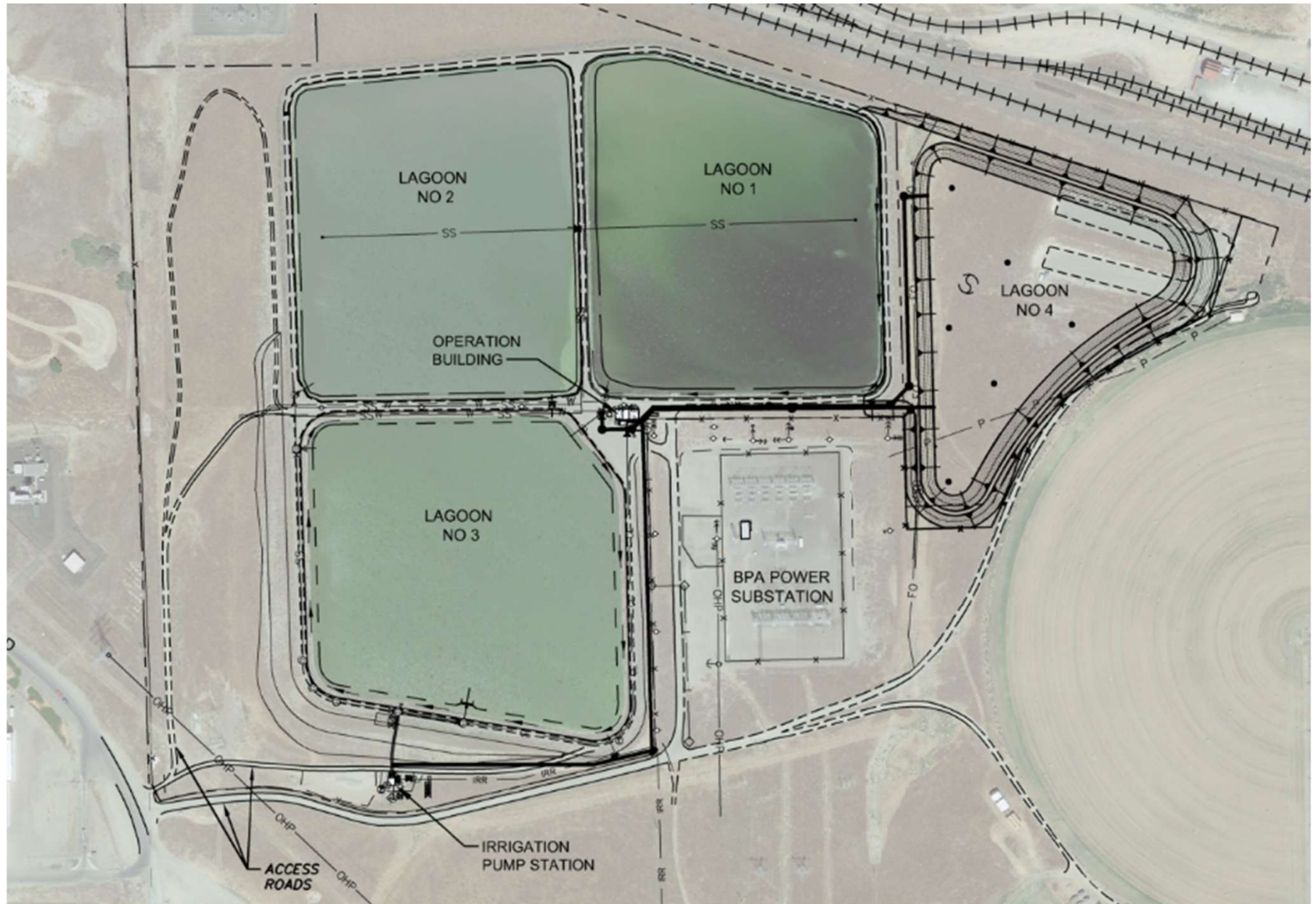


Figure 3-1 TV Inspection Summary

WWTF Improvement Options



Growth Driven Improvements

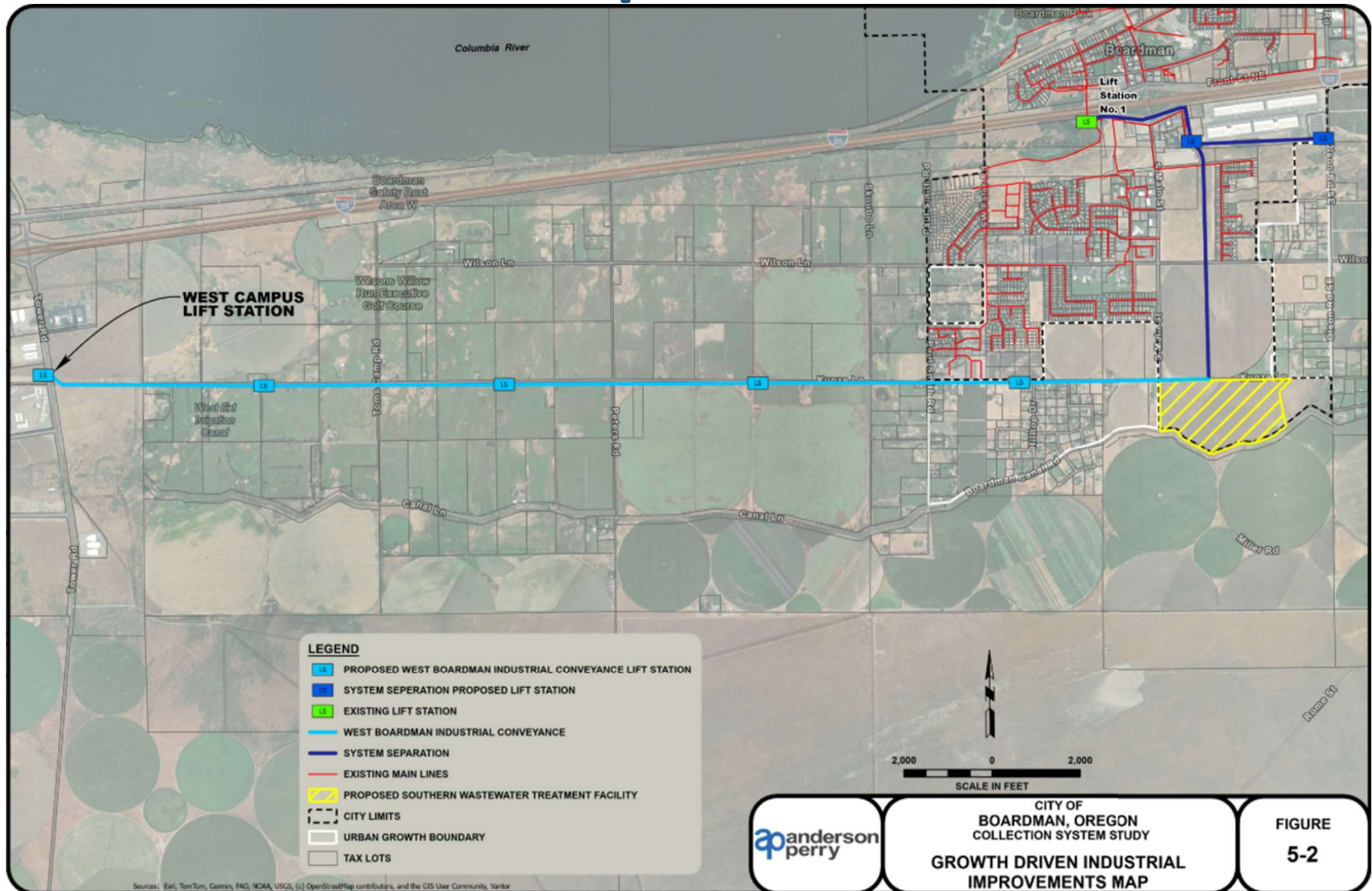


Figure 5-2 Growth Driven Industrial Improvements Map

Comments and/or Questions

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