

City of Ammon -Water System Improvements

Improvement Locations: T2N R38E, Sections 22,23,25,26,27,35,&36
T2N R39E, Section 30

STAGE 1 PROJECTS

1. **Hill Tank 1** - 2 Million Gallon Storage Tank located on a dedicated tank lot in Founders Point Subdivision. This includes concrete tank construction, piping infrastructure to tank lot boundaries, lot grading and landscaping, and optional fencing.
2. **Well 8 Tank** – 1.5 Million Gallon Storage Tank located near existing Well 8 or future Well 10. Exact location yet to be determined. This includes concrete tank construction, piping infrastructure to tank lot boundaries, lot grading and landscaping and optional fencing.
3. **Well 11** – 2700 gallon per minute well (proposed design flow) to be delivered with a 200 hp well pump located on 21st Street at the Villas. This includes well building, building piping, VFD, telemetry, site piping, backup generator, and site fencing.
4. **21st Street Transmission Line** – 1 mile of 14-inch ductile iron transmission line running east on 21st Street from the new Well 11 location to existing Well 9. This includes isolation valves, fittings and asphalt street repair.
5. **Hill Tank 1 Transmission Lines** – 24-inch ductile iron from the Hill Tank site to Sunnyside, 18-inch ductile iron along Sunnyside from Founders Pointe to Ross Avenue, 18-inch ductile iron from Founders Pointe to Well 9 along Scenic Drive, 14-inch ductile iron along Scenic Drive to Well 9, and 8-inch PVC from Sunnyside to the Cottages. This includes fittings, air relief valves, isolation valves, and street repair.
6. **Hill Tank 1 Booster Station** – The booster pump station will supply pressure to Zone 3, Zone 4, Zone 5, and will fill a second Hill Tank at the top of Pressure Zone 6. The Pressure Zones are identified on approved FPS Figure 10-1. This includes Booster Pump Station building, building piping, on-site chlorination, emergency generator, and telemetry.
7. **Well 9 Booster Station** – The piping in the existing booster pump station will be replaced so that the booster pump supplying water to Quail Ridge draws water from the distribution coming from the new Hill Tank and feeding Pressure Zone 1. This includes piping reconstruction, replacement of booster pumps, remove and salvage existing pressure tanks, replace pump bowls, emergency generator, telemetry, and existing building improvements.
8. **Well 8 Booster Station** – The storage and booster pump addition here will increase the amount of useable water form Well No. 8. This includes 16-inch ductile iron transmission line from the new tank to the Well 8, booster pump and generator building, emergency generator for booster pumps, telemetry, and asphalt repair.

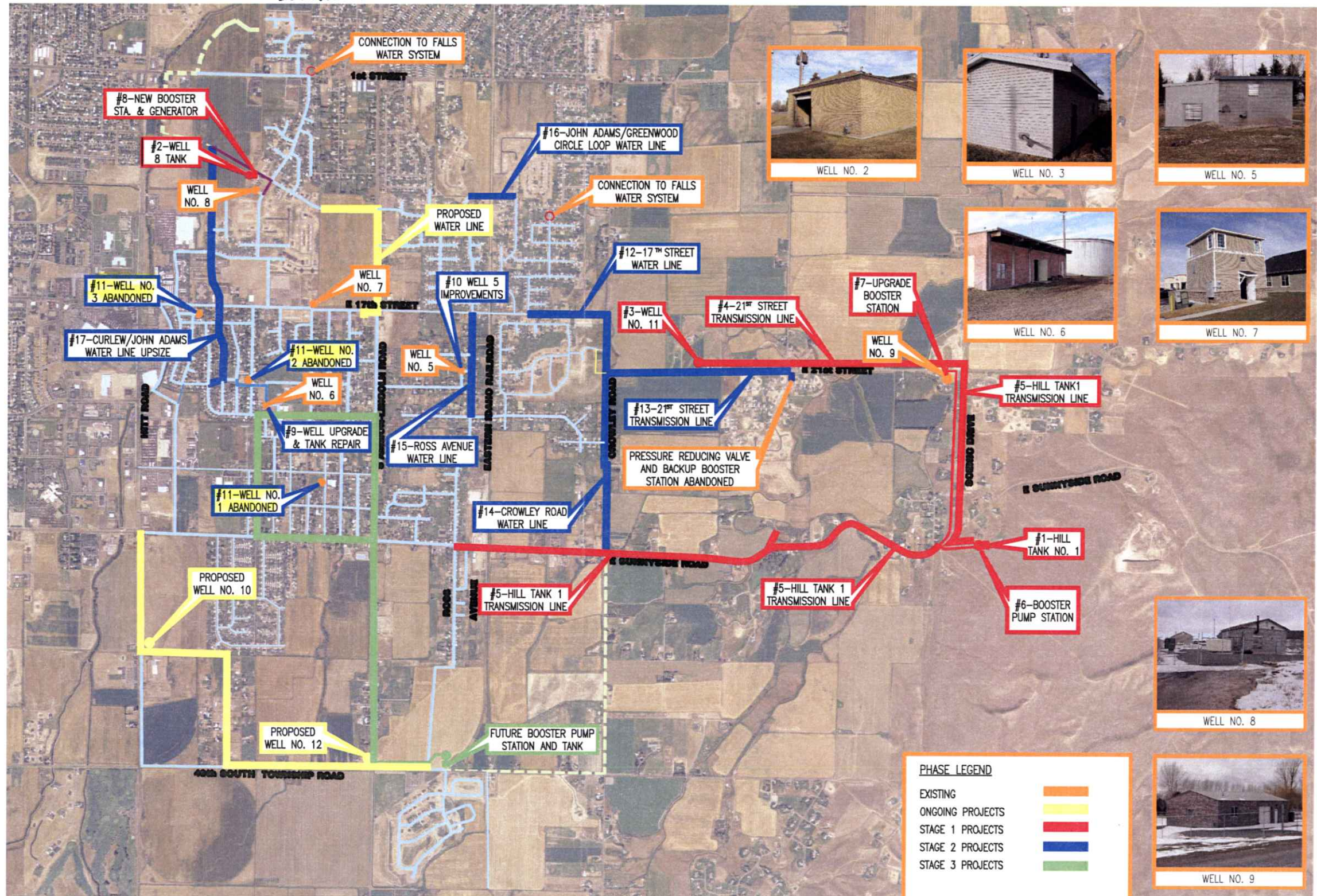
STAGE 2 PROJECTS

9. **Well 6 and Tank Improvements** - General existing system improvements to include, tank inspection and cleaning, installation of air exchange system in building, upgrade chlorination system, rewire electrical system, swap pumps and rework pump bowls, and general building improvements
10. **Well 5 Improvements** – General existing system improvements to include installation of air exchange system, rewire electrical system, VFD for existing well pump and remove and dispose existing generator and building lean-to.
11. **Wells 1, 2 & 3,** – Abandon Wells 1,2, & 3. Demolish and remove Well 1 building, sell Well 2 & Well 3 property and buildings.
12. **17th Street Water Line** – 1,900 feet of 12-inch PVC water line in 17th Street between Wildwood Lane and Crowley Road to include canal crossings, fire hydrants, fittings, and asphalt street repair.
13. **21st Street Water Line** – 3,100 feet of 12-inch PVC water line in 21st Street from Crowley Road to Fieldstone Drive to include fittings, valves, and asphalt street repair.
14. **Crowley Road Water Line** – 5,300 feet of 12-inch PVC water line in Crowley Road from 17th Street to Sunnyside to include fire hydrants, valves, fittings, and asphalt street repair.
15. **Ross Avenue Water Line** – 2,500 feet of 12-inch PVC water line in Ross Avenue between Wanda and 17th Street to include fire hydrants, fittings, replacement of service lines and asphalt street repair.
16. **John Adams-Greenwood Circle Loop Water Line** – 1,500 feet of 8-inch PVC water line to include valves, fittings, railroad bore, landscaping repair, and asphalt street repair.
17. **Curlew and John Adams Waterline Upsize** – 8,800 feet of 14, 12, and 10-inch water line to include fire hydrants, fittings, valves, 17th Street jack and bore, and asphalt street repair.
18. **Miscellaneous Water System Improvements** – Provide GPS Survey of all Ammon fire hydrants, mainline valves, and water meter boxes. Install telemetry at Wells 5,6,7,8, and 9, and install remote pressure stations tied to the telemetry and SCADA system.



LOCATIONS OF STAGE 1, 2, AND 3 IMPROVEMENTS
TOWNSHIP 2 NORTH, RANGE 38 EAST
SECTIONS 22, 23, 25, 26, 27, 35, AND 36
TOWNSHIP 2 NORTH, RANGE 39 EAST
SECTION 30

Ammon, Idaho



Existing and Proposed Water System Facilities