

# Willard Subdivision

Tyree Bosworth, Brady Budge, Bret Cummings,  
Preston Hodnett, Rusty Newman, Tyge Parkinson



## Alternatives

Alternative designs were created with various lot sizes, greenspace area, and greenspace location. Some of the criteria used to evaluate each alternative design include:

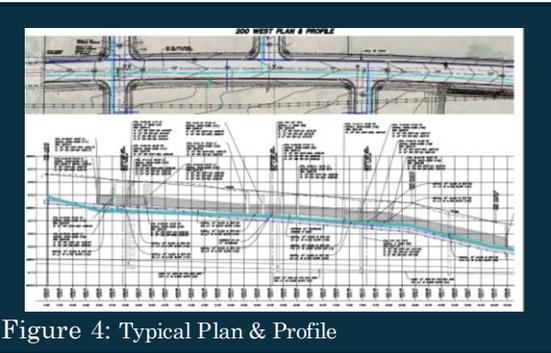
- Return on Investment
- Cost
- Environmental Impact
- Utility Feasibility
- Community Impact

Each design was scored according to these criteria and the highest scoring alternative was selected for the final design.

## Final Design

The subdivision features diverse housing and public green space supporting long-term growth. The design consists of lot sizes range from 10,000 sq. ft. to 0.5 Acres.

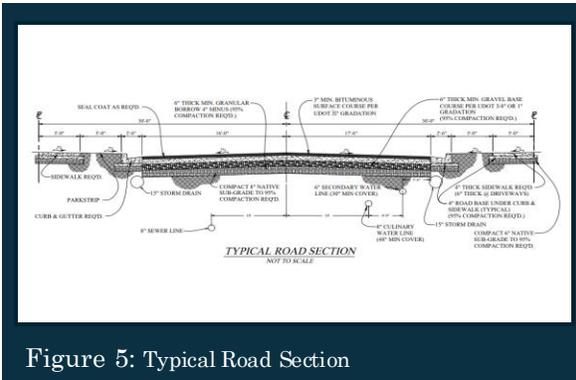
- 26 Acres Total
  - Single-Family Lots (57)
  - Modern Townhomes (18)
  - Public Green Space (1 Acre)
  - Fully Equipped Public Park Bathroom (23'x14')
  - Stormwater Retention Pond (101,810 Cubic Feet)
- Total Project Cost: \$6,200,000



## Introduction

In the Spring of 2024, Geneva Blanchard submitted a request for proposal to design a subdivision. This subdivision is located at 900 E Highway 89 in Willard, Utah. The subdivision includes single family, multifamily, and patio home lots. Blueprint Brigade Engineering was asked to design stormwater and fire flow systems. Additionally, Blueprint Brigade designed roadways and a CMU public restroom.

The construction of this subdivision is a necessity to the ever-growing population of northern Utah. After the housing demand spike in 2020, there is still a lag in much needed housing inventory.



## Acknowledgements

Blueprint Brigade team members would like to thank the following individuals for their participation in this project:

**Mike Jensen**, Hansen and Associates  
**Dr. Burdette Barker**, Utah State University  
**Dr. Austin Ball**, Utah State University  
**Geneva Blanchard**, Client

