

**Attachment JHZ-9**  
**New Business Project Descriptions**  
**(Projects over \$2 million)**

1. CO/Aurora/Aurora Highlands/N Lateral
2. CO/GATEWAY/Horizon
3. Canyons Development
4. CO/Lakewood/Rooney Valley - F994

# Aurora Highlands Aurora, Colorado

## Project Overview

**Scope:** The Aurora Highlands is a 5,000 acre master planned, mixed-use development with residential and commercial components that is part of the bigger Aerotropolis Regional Transportation Authority (ARTA) and represents new business for Xcel. The Aurora Highlands is to be built in phases over the coming years, potentially totaling upwards of 23,000 homes. In order to meet the initial needs of the development the installation of two new regulator stations (F-982 and F-983) with redundant regulator runs and a 8" 285 psig pipeline will be required at the north end of the development.

## Project Status

**Construction:** Complete.  
**In Service Date:** October 2021.

## Project Details

**Project Need:** A HP to HP regulator station (F-982) was installed to reduce the pressure from 1000 psig MAOP to less than 285 psig MAOP. A HP to PM regulator station (F-983) was installed to reduce the pressure from 285 psig MAOP to less than 60 psig MAOP. The projects were driven by a new development called The Aurora Highlands.

**Customers:** The Aurora Highlands will initially serve over 500 customers.

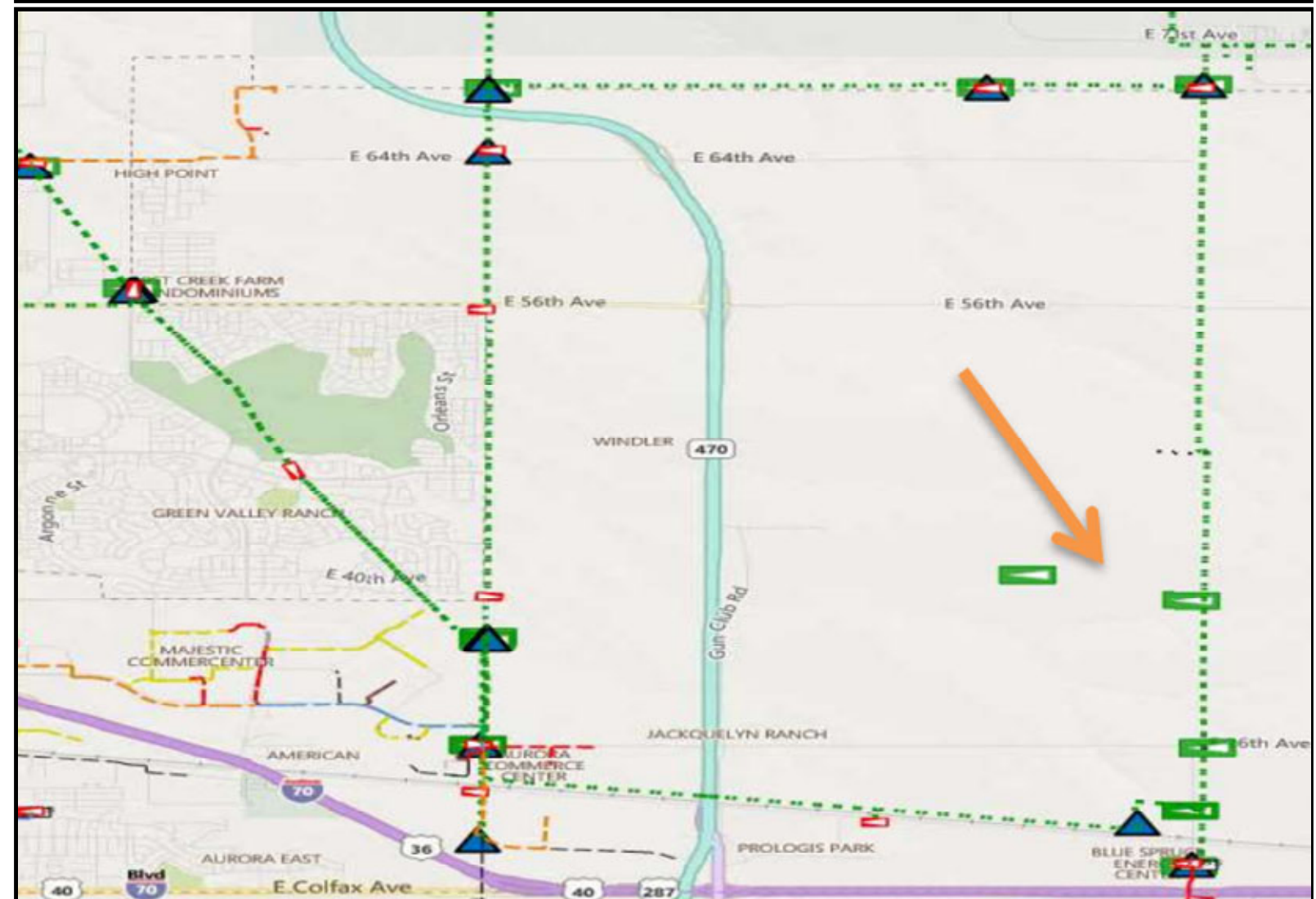
## Cost

**Total Project Cost:** \$3.6 million  
**Customer Funding:** \$2.0 million  
**Xcel Contribution:** \$1.6 million

**Project Capital Expenditure Estimate:** This project was estimated by either a project manager or project engineer, taking into account location, materials and known risks. The project will either be bid outright for a lump sum contract or utilize unit pricing that was bid under a master service level agreement. The method used depends on the scale of the project.

**Review Process:** This project was reviewed by the designer's local management to verify that the route, materials, and scope match with the needs of the system and that best engineering practices were followed.

## Project Location



# Gateway Horizon Aurora, Colorado

## Project Overview

**Scope:** Install 7800 feet of new 8" IP gas main in Aurora, CO as well as a new reg station that will feed the entire Horizon development. Project includes a bore beneath I-70, and requires hydro-trenching of approximately 600 feet of pipeline due to existing developer installed storm drains.

**System Pressure:** 60-285 psi

## Project Status

**Design:** Complete.

**Construction:** Complete.

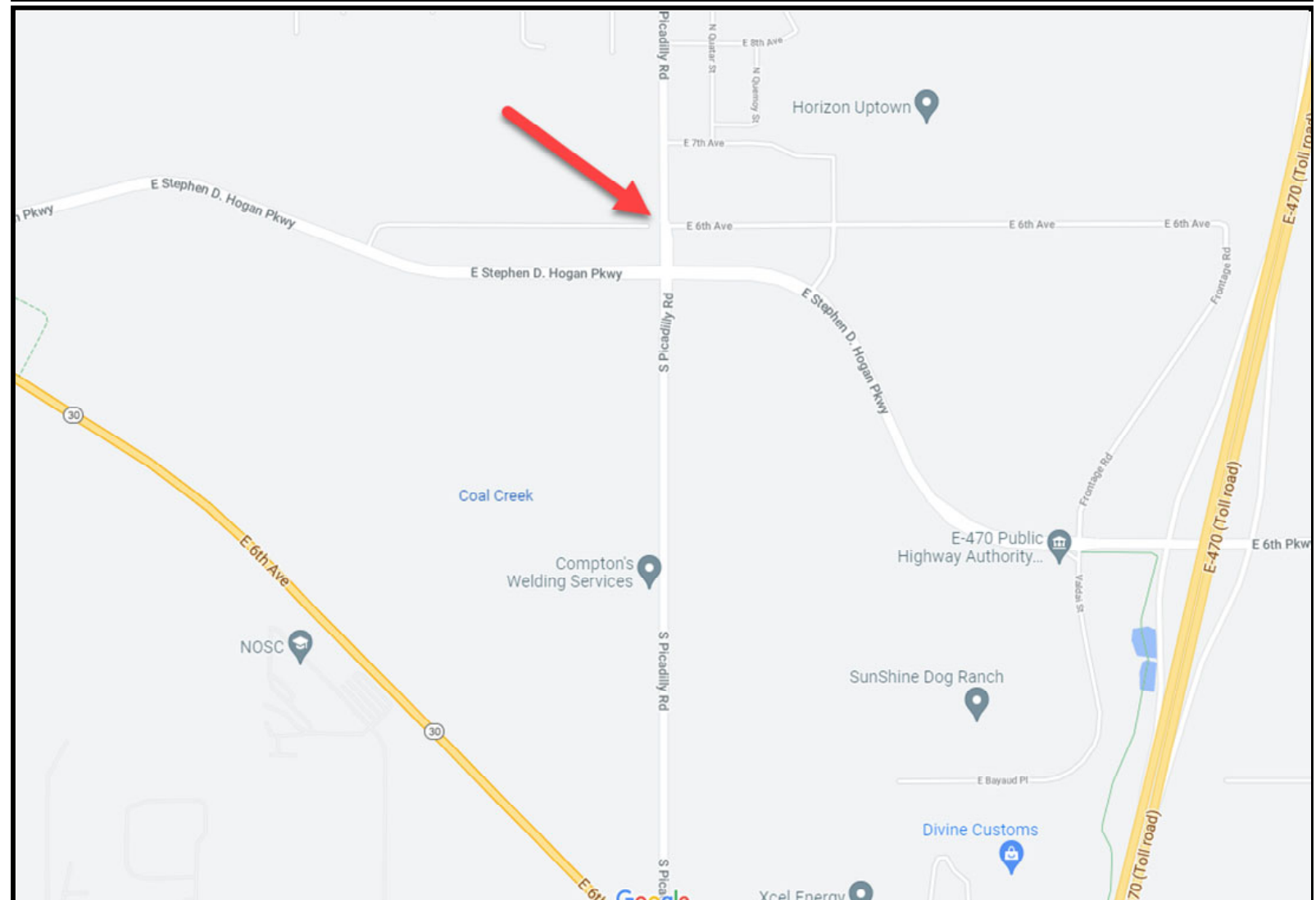
**In Service Date:** 3/31/2021.

## Project Details

**Project Need:** Needed to serve the Horizon community new development in Aurora, CO, where no existing infrastructure was in place.

**Customers:** Approximately 5500 customers.

## Project Location



## Cost

**Total Project Cost:** \$2.7 million

**Project Capital Expenditure Estimate:** This project was estimated by either a project manager or project engineer, taking into account location, materials and known risks. The project will either be bid outright for a lump sum contract or utilize unit pricing that was bid under a master service level agreement. The method used depends on the scale of the project.

**Review Process:** This project was reviewed by the designer's local management to verify that the route, materials, and scope match with the needs of the system and that best engineering practices were followed.



### Project Overview

**Scope:** A new mixed-use development is planned in Castle Pines, Colorado. The development is approximately one mile away from any existing reg station and will require:

- New 6” HP Pipeline approximately 1.1 miles long
- New HP to PM regulating station F-976

**Pressure System:** 285 psig MAOP

### Project Status

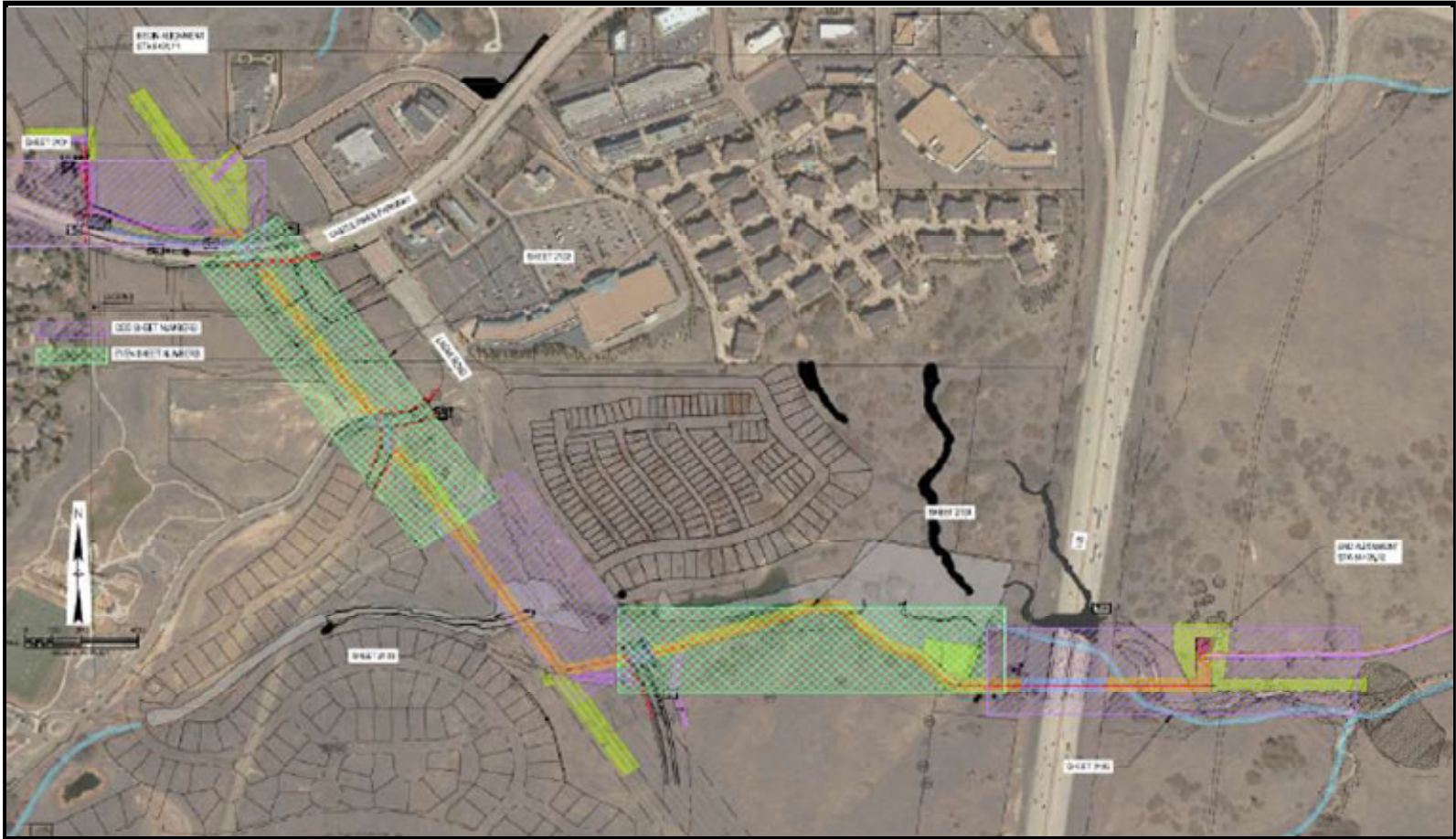
**Design:** Complete.  
**Construction:** In progress.  
**In Service Date:** 7/31/2021.  
**Close Out:** Q2 2022, pending development completions.

### Project Details

**Project Need:** Customer funded, new development of approximately, a 325 unit apartment complex including amenities.

**Customers:** The Off-Site Distribution Main Extension has been sized to accommodate the estimated gas usage for approximately 1,500 new residential units and other aspects of The Canyons Development.

### Project Location



### Cost

**Total Project Cost:** \$4.0 million  
**Customer Funded:** \$2.3 million  
**Xcel Contribution:** \$1.7 million

**Project Capital Expenditure Estimate:** This project was estimated by either a project manager or project engineer, taking into account location, materials and known risks. The project will either be bid outright for a lump sum contract or utilize unit pricing that was bid under a master service level agreement. The method used depends on the scale of the project.

**Review Process:** This project was reviewed by the designer’s local management to verify that the route, materials, and scope match with the needs of the system and that best engineering practices were followed.

# Rooney Valley Reinforcement Lakewood, Colorado

## Project Overview

**Scope:** Install 5,500' of 8" steel intermediate pressure main from existing 10" steel IP main to new IP – PM station. Project does not include pounds medium assets.

- Install 4,100' of 8" IP main in road ROW of W Yale Ave
- Install 1,400' of 8" IP main in utility easement granted by customer
- Tie into 10" IP main in W Yale Ave and Bear Creek Blvd
- Primary method of installation will be trenching
- Approximately 1400' of HDD bore under ditch and major streets.
- Install new 8 x 8 IP to PM station on 50' x 50' customer granted easement

**Pressure System:** 285 psig MAOP

## Project Status

**Design:** In progress.

**Construction:** 11/2021.

**In Service Date:** 12/31/2021.

**Close Out:** 02/2022.

## Project Details

**Project Need:** New main and station to setup additional pounds medium system that will be integrated with surrounding areas to feed three new residential and mixed use developers.

**Total Customers:** Approximately 2500 units, mixed of single family, multi-family and retail customers.

## Cost

**Total Project Cost:** \$2.6 million

**Project Capital Expenditure Estimate:** This project was estimated by either a project manager or project engineer, taking into account location, materials and known risks. The project will either be bid outright for a lump sum contract or utilize unit pricing that was bid under a master service level agreement. The method used depends on the scale of the project.

**Review Process:** This project was reviewed by the designer's local management to verify that the route, materials, and scope match with the needs of the system and that best engineering practices were followed.

## Project Location

