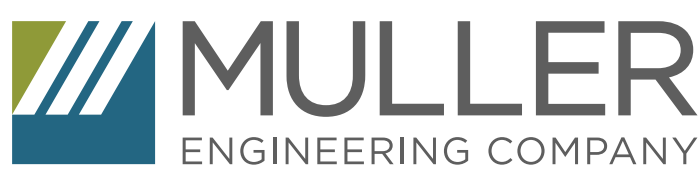


Reclaiming Uvalda Tributary

From Flood Channel to Community Corridor

Project Location: Denver, CO | Montbello Neighborhood



Firm's location:
Lakewood, CO



Owner's location:
Denver, CO



Client's location:
Lakewood, CO



01 Uniqueness / Innovative Applications

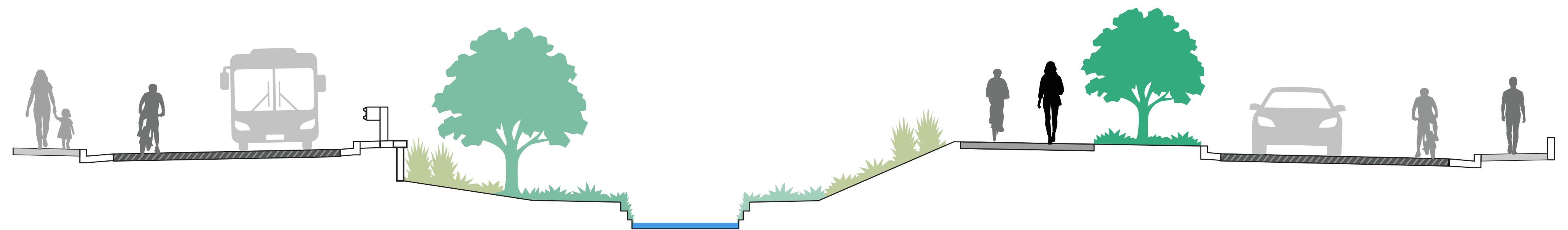
- Reimagined a failing concrete flood channel as multi-benefit community infrastructure.
- Integrated flood control, transportation, parks, ecology, and water quality into one corridor.
- Developed a repeatable corridor typology being extended to future phases.
- Project Partners delivery method integrated contractor input during design, improving constructability and value.

02 Future Value to the Profession & Public Awareness

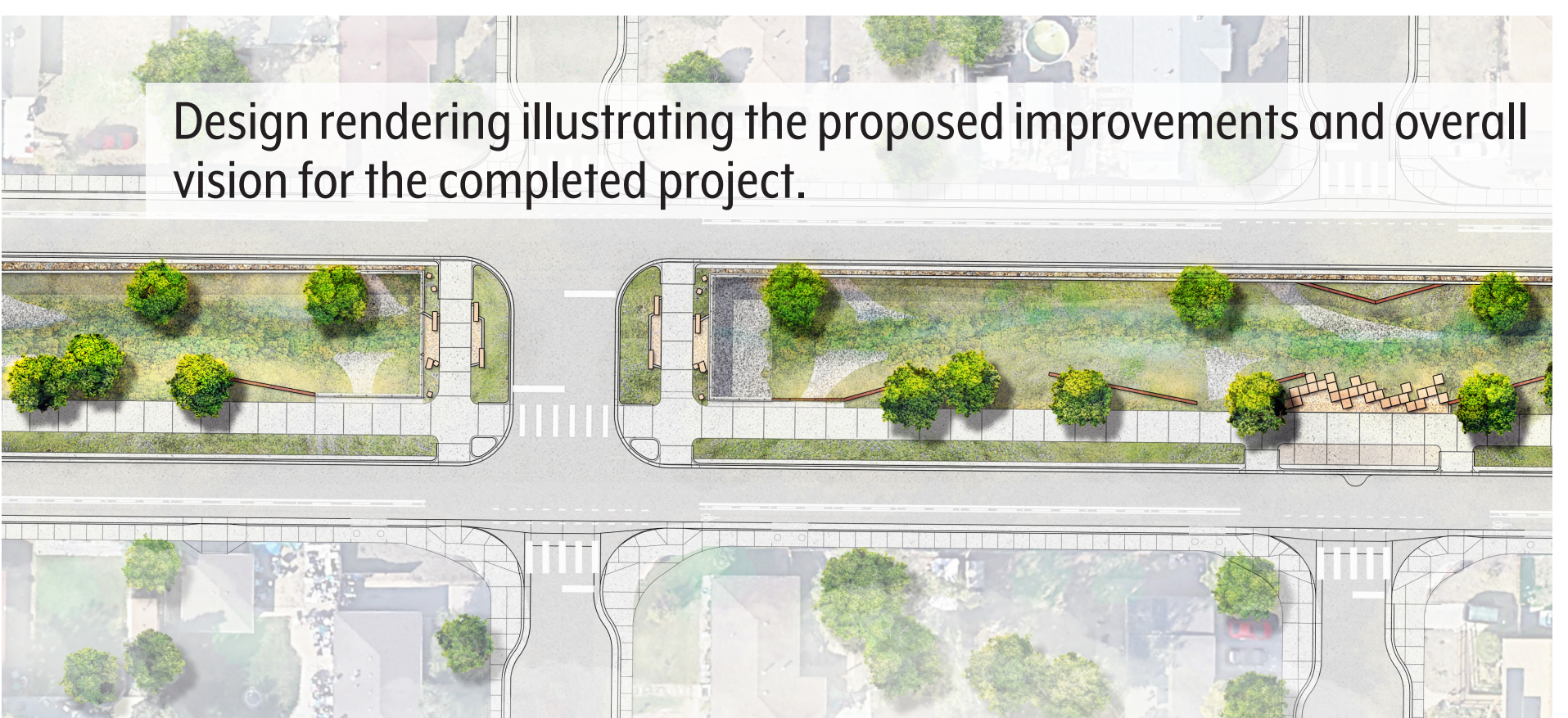
- Demonstrates how aging urban drainage corridors can become community assets.
- Created a scalable model now being used to replace ~10 miles of concrete channels throughout Montbello.
- The project demonstrates how visual, transparent, and iterative community engagement can improve infrastructure outcomes.

03 Social, Economic & Sustainable Development

- Eliminated chronic neighborhood flooding and improved public safety.
- Created a safer, more walkable corridor with protected bike lanes, sidewalks, and trail connections.
- Restored natural channel functions, habitat, and water quality while reducing downstream debris entering the Rocky Mountain Arsenal.
- Delivered long-overdue investment to a historically underserved neighborhood.
- Addressed flood protection, mobility, recreation, and environmental stewardship - all in one project.



Post-project view looking south along Uvalda Tributary.



Design rendering illustrating the proposed improvements and overall vision for the completed project.

04 Complexity

- Solved multiple competing objectives within a fixed residential right-of-way.
- Designed around an extremely flat corridor with minimal hydraulic grade ($<0.5\%$).
- Successfully met an accelerated schedule tied to adjacent 56th Avenue reconstruction project.
- Balanced neighborhood concerns while maintaining hydraulic performance and transportation needs.

05 Fulfillment of Client/Owner Needs

- Delivered 100-year flood protection while improving neighborhood quality of life.
- Coordinated seamlessly with Denver and MHFD priorities for safer streets and resilient infrastructure.
- Completed ~3 months ahead of schedule. Final Cost was within 0.2% of the low bid.
- Exceeded the original drainage-only vision by providing lasting community benefits.