

METRAPARK



BEAUTIFICATION PROJECT



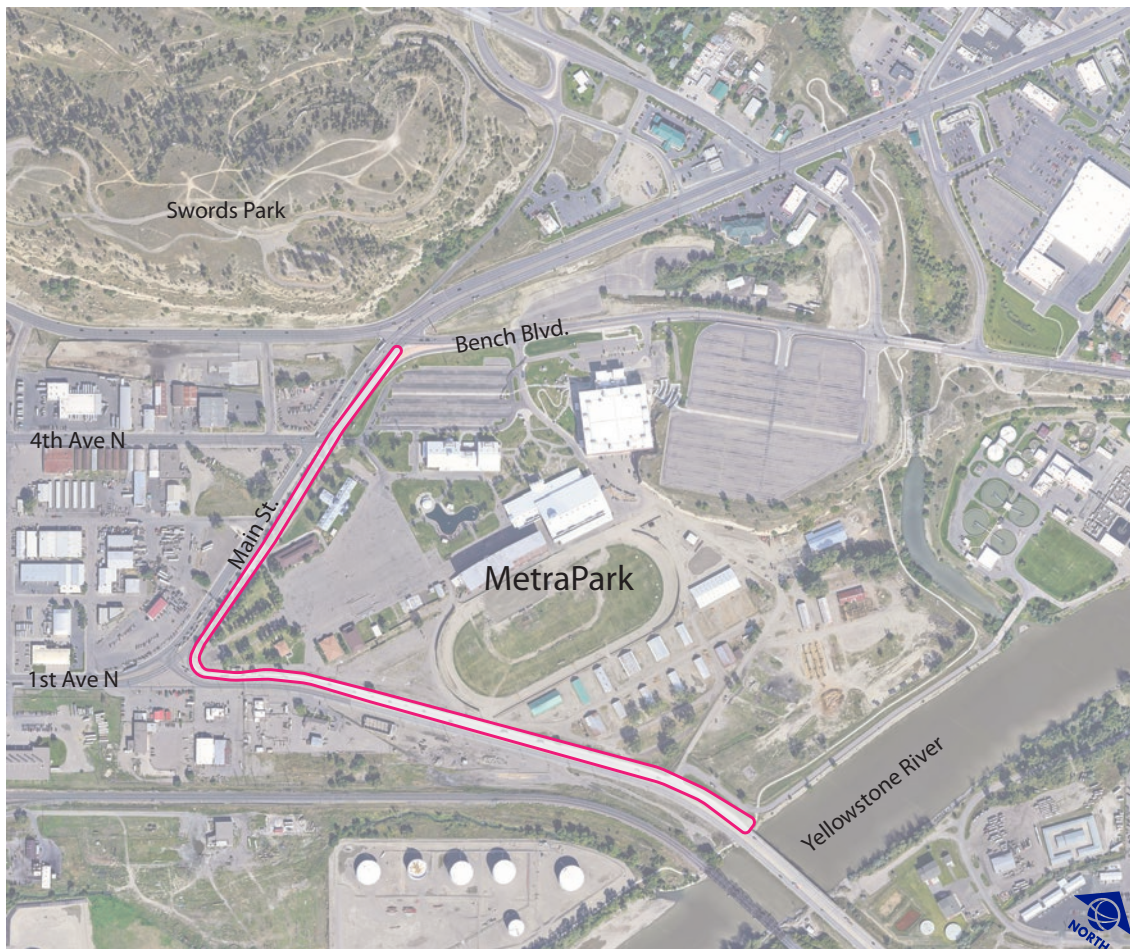
May 2021

About This Plan

The goal of this project is to develop conceptual preliminary designs and opinions of probable cost for the improvements to the perimeter of MetraPark. The conceptual design extends from Gate 1 at the southeast corner of the facility to the primary entrance at the intersection of Bench Boulevard and Main Street on the west side. Aesthetics is important due to the location of this property at one of the primary gateways into Billings. As a gateway to the community, this area should provide a beautiful and welcoming introduction to Billings, and it should convey community pride and reflect the City's history and heritage.

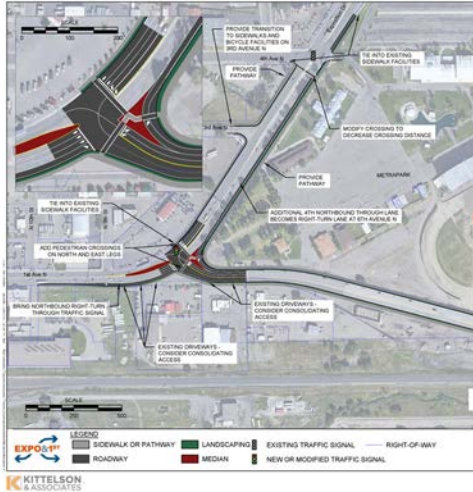
The concepts and preliminary design developed for this project identify options to enhance the south and west perimeters of the facilities, including developing aesthetic improvements while addressing function and access concerns. The project evaluated the physical enhancements and placemaking opportunities that reflect the importance of this area.

Specific goals include developing an attractive and secure perimeter fencing concept and addressing pedestrian and bicycle amenities and circulation around the perimeter. Implementation of these concepts should be coordinated with the MetraPark Master Plan design recommendations that are not part of this project.

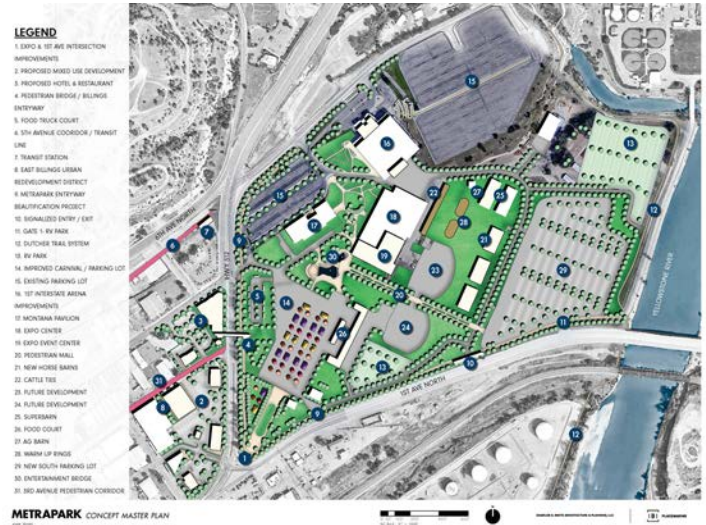


Related Plans

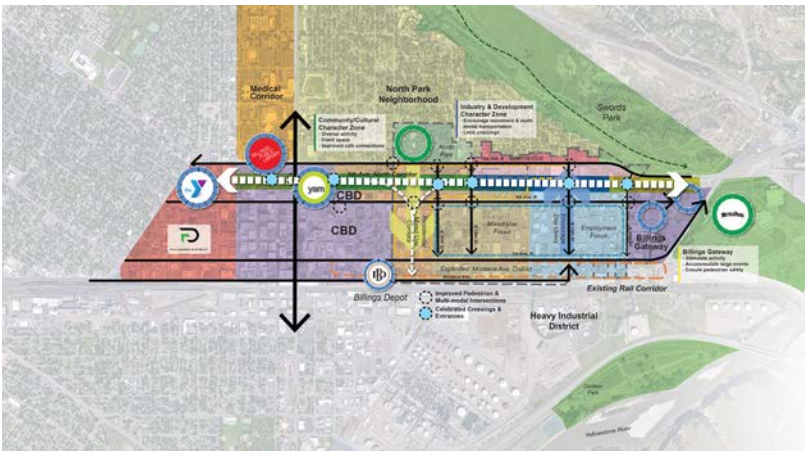
The conceptual design for the beautification of the perimeter of MetraPark was influenced by other completed or ongoing projects. Design and implementation of the final improvements should be coordinated with these other projects to ensure consistency. Tree locations and fence design should be coordinated with proposals from the MetraPark Master Plan to identify areas where screening with trees or solid fence panels would be a benefit, or where there are views into the fairgrounds that could be highlighted or enhanced by tree placement.



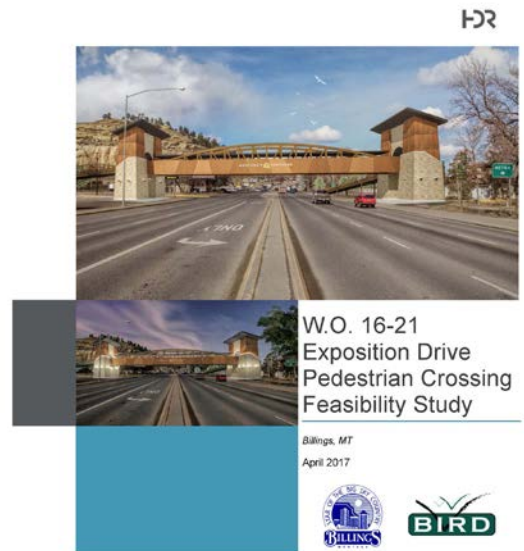
Exposition Drive & 1st Ave North Intersection Improvements



MetraPark Master Plan



5th Avenue North Corridor Feasibility Study



Exposition Drive Pedestrian Crossing Feasibility Study

Existing Conditions

Lack of visible identity –opportunity for iconic MetraPark sign and landscape feature

Opportunity for Jim Dutcher Trail connection to sidewalk along US-87



US-87 and Yellowstone River Bridge (looking west)

Opportunity for pedestrian entry connecting to Jim Dutcher Trail

Poor gate visibility and identification

Lack of pedestrian crossing markings

Jersey barriers are unfriendly and unattractive



US-87 and Gate 1

Potential future
signalized entry

Poor gate visibility and
identification



US-87 and Gate 2

Narrow sidewalk, lack of
protection from traffic, lack
of shade, and lack of
pedestrian-scale elements

Institutional fence is
unfriendly and
unattractive



US-87 (looking west)

Narrow sidewalk, lack of protection from traffic, and lack of pedestrian-scale elements

Opportunity for iconic MetraPark sign and landscape feature

Future road widening with right turn slip lane



Exposition and 1st Ave N (looking northeast) Future intersection improvements and road widening

Potential future pedestrian overpass bridge

Potential future road widening

Loss of trees due to road widening

Narrow sidewalk, lack of protection from traffic, and lack of pedestrian-scale elements



US-87 and 3rd Ave N (looking north) Future road improvements and road widening

Opportunity for iconic
MetraPark sign and
landscape feature

Opportunity for
improved wayfinding

Narrow sidewalk, lack of
protection from traffic, and
lack of pedestrian-scale
elements



US-87 and 4th Ave N / Exposition Dr (looking north)

Lack of landscape /
visual interest

Narrow sidewalk, lack of
protection from traffic, and
lack of pedestrian-scale
elements



US-87 and Bench Blvd (looking north)

Beautification Opportunities

Through collaboration with the Steering Committee, the following components were identified for the streetscape improvements:

- Detached and widened sidewalk
- Boulevard with pedestrian safety measures separating sidewalk from vehicle travel lanes
- Snow storage in boulevard
- Decorative fencing
- Shade trees and ornamental plantings



Legend



Potential Gateway Entry and Monument Sign *



Potential Monumental Sign and Landscape Feature *



Streetscape Improvements

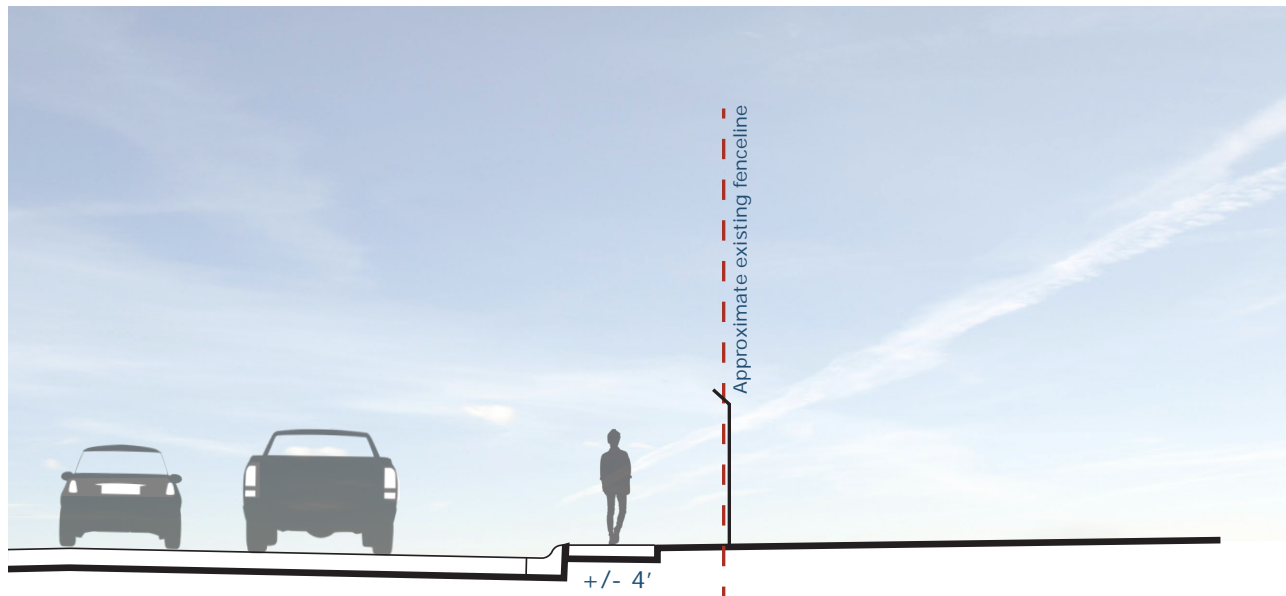


Fencing



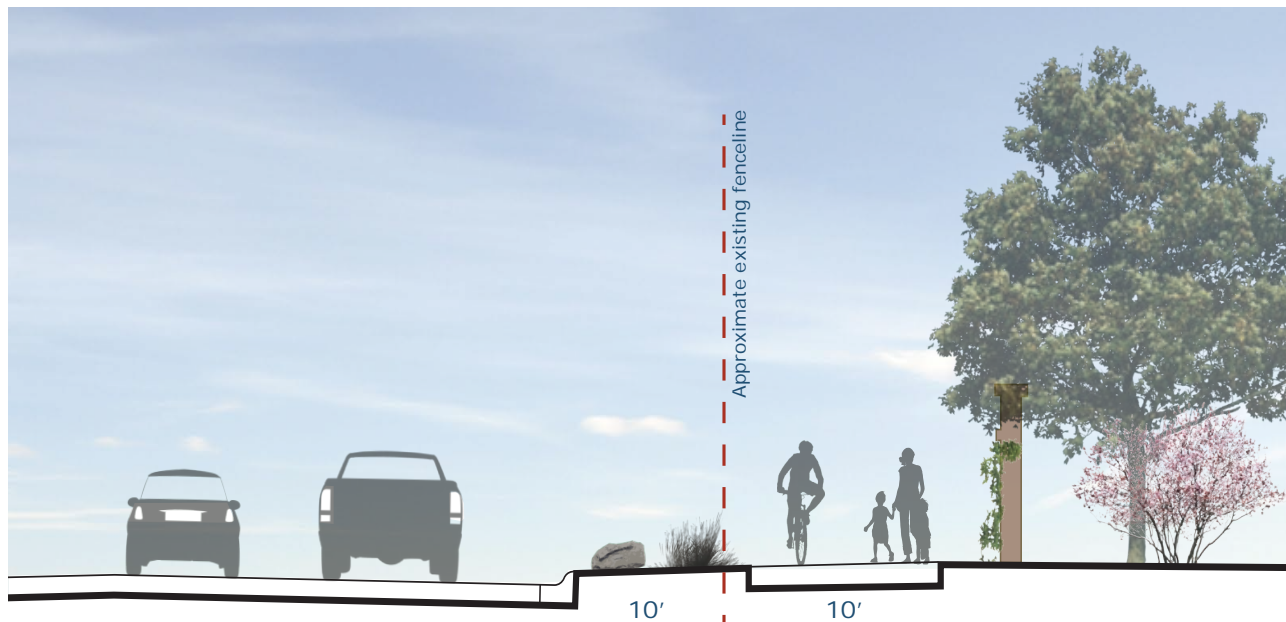
Trail Connection

* The design of these features should be coordinated with the character of interior architecture, signage, materials, colors, and themes as proposed in the MetraPark Master Plan



Existing Condition

- Narrow sidewalk (4' +/-)
- No protection between sidewalk and vehicle lanes
- No shade or pedestrian amenities
- Institutional fencing



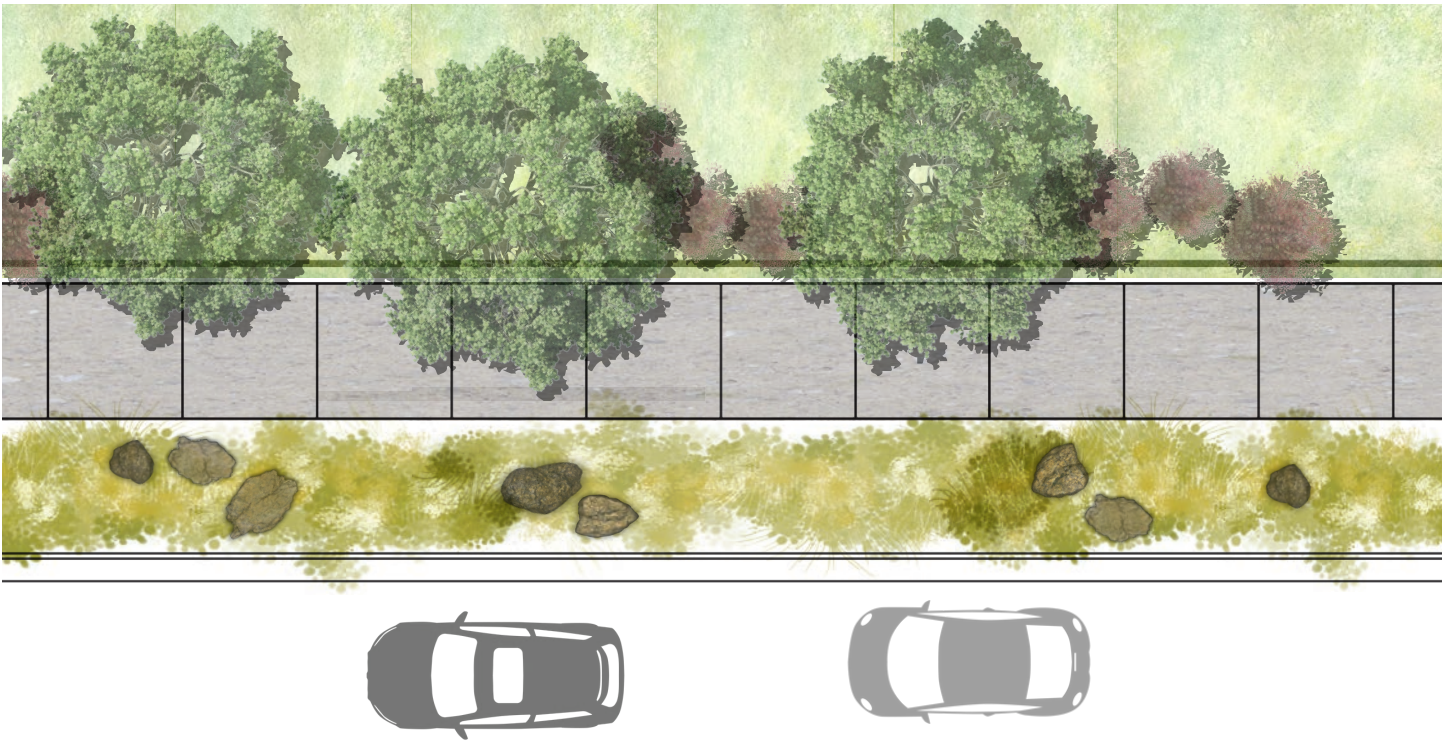
Proposed Improvements

- 10' wide boulevard
- Boulders and native plants to provide visual separation from road
- Detached 10' wide sidewalk
- Decorative security fence
- Shade trees behind fence

Character Images

Potential fence styles and native planting in the boulevard.

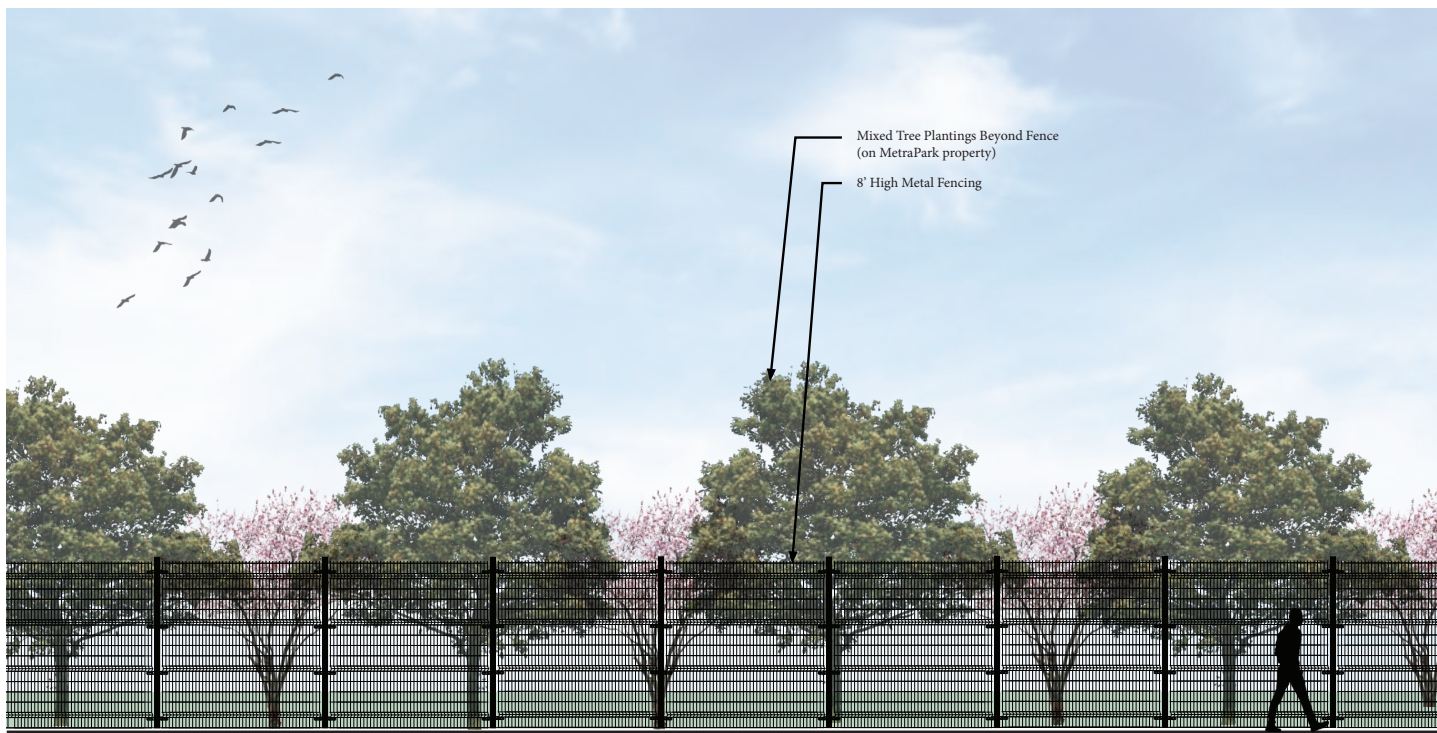




Representative 100' length of streetscape



Conceptual sketch looking west on Main Street

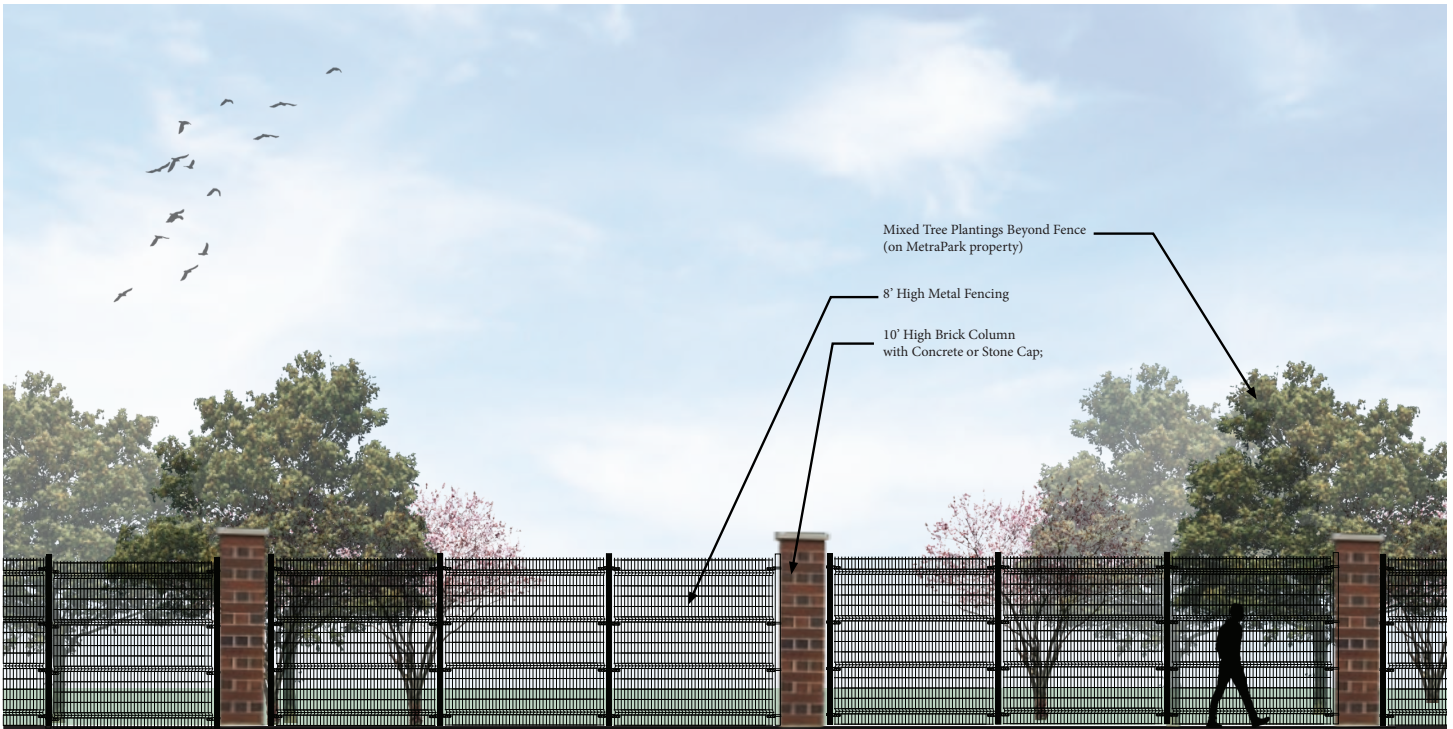


Alternative A - Decorative Fence

ESTIMATED IMPLEMENTATION COSTS - ALTERNATIVE A				
	Item		Total	Notes
SITE WORK				
	Demolition		\$ 111,000.00	Remove existing curb and gutter, sidewalk, fence, and landscape
	Sidewalk		\$ 613,000.00	10' wide concrete; new curb and gutter
	Decorative Fencing		\$ 700,000.00	8' high metal fence
	Landscaping		\$ 650,875.00	Trees (average 40' on center); seeding; shrub beds; landscape boulders; irrigation
	Subtotal		\$ 2,074,875.00	
	General Conditions	8.0%	\$ 165,990.00	Misc. site cleanup; traffic control; erosion control; construction surveying
	Design Contingency	15.0%	\$ 311,231.25	
	Construction Contingency	8.0%	\$ 165,990.00	
	TOTAL		\$ 2,718,086.25	

NOTES:

- Existing sign at 1St Ave North/Main Street to remain
- Existing sign at Main Street/4th Ave North to remain
- Relocated utilities or street lights not included
- Trees along Main Street to be removed by others
- Gateways or entry features not included
- Signage or wayfinding not included
- Estimating contingencies represent unknown factors, such as: final design detailing, unknown existing conditions, and year to year cost escalations of materials and construction



Alternative B - Decorative Fence with Masonry Columns

ESTIMATED IMPLEMENTATION COSTS - ALTERNATIVE B				
	Item		Total	Notes
SITE WORK				
	Demolition		\$ 111,000.00	Remove existing curb and gutter, sidewalk, fence, and landscape
	Sidewalk		\$ 613,000.00	10' wide concrete; new curb and gutter
	Decorative Fencing		\$ 600,000.00	8' high metal fence
	Masonry Columns		\$ 700,000.00	10' high brick columns; cast concrete columns; approx. every 25 lf
	Landscaping		\$ 650,875.00	Trees (average 40' on center); seeding; shrub beds; landscape boulders; irrigation
	Subtotal		\$ 2,674,875.00	
	General Conditions	8.0%	\$ 213,990.00	Misc. site cleanup; traffic control; erosion control; construction surveying
	Design Contingency	15.0%	\$ 401,231.25	
	Construction Contingency	8.0%	\$ 213,990.00	
	TOTAL		\$ 3,504,086.25	

NOTES:

- Existing sign at 1St Ave North/Main Street to remain
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