

Main Street City Council Work Session #1

August 22, 2024

Consor Engineers | Spanish Fork City | UDOT

Upcoming:
Work Session #2: Sep. 17
Work Session #3: Oct. 15

1

Vision Plan

2

Safety and
Purpose & Need

3

Bus Stop
Concepts

4

Lighting
Themes

5

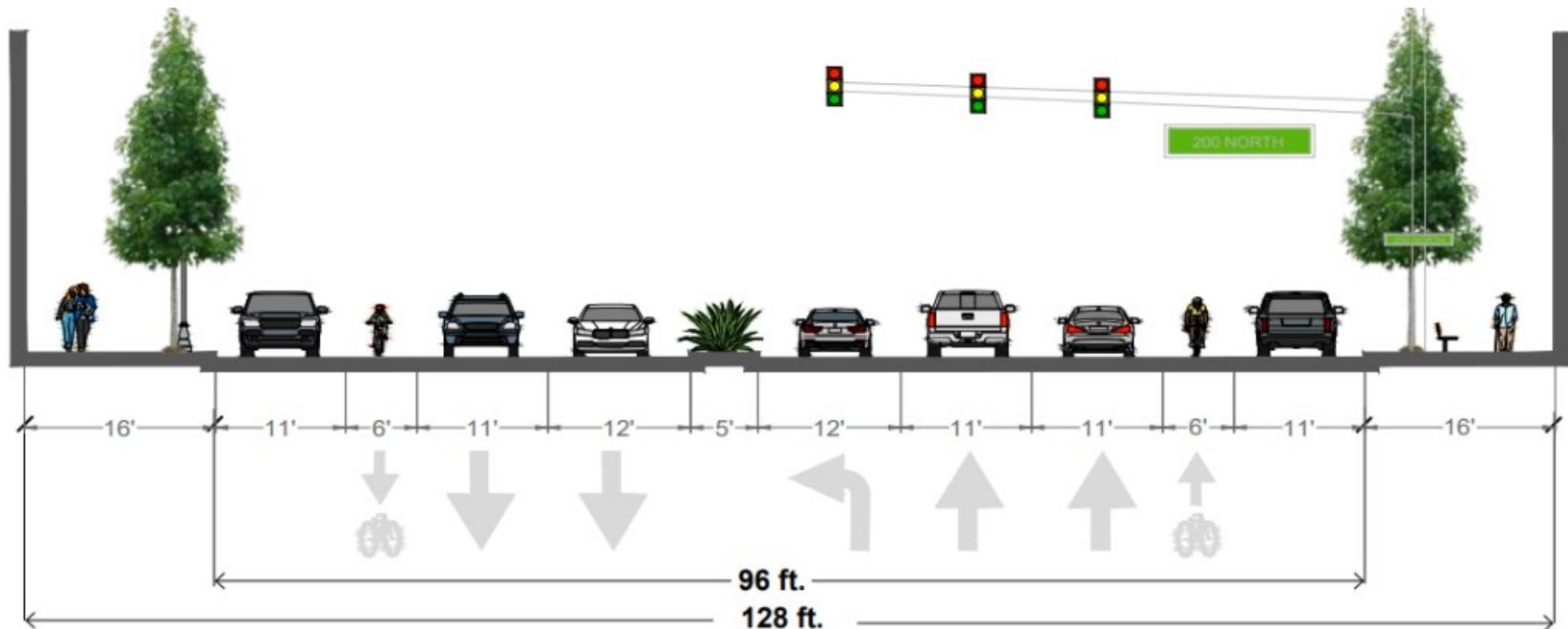
Wayfinding
Signage

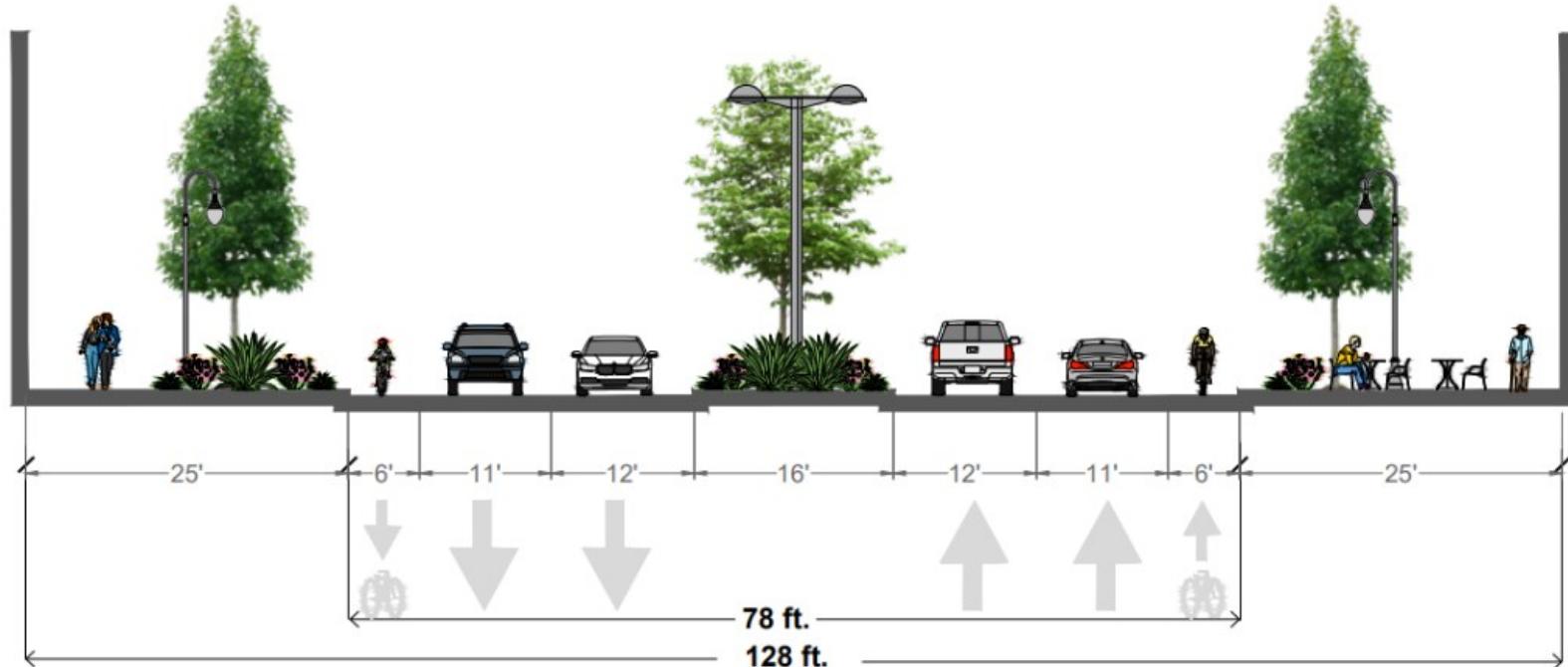




Vision Plan









2019 Vision Plan: Pedestrian Corridor

A dark-colored car is shown from a side-front angle, being towed by a yellow tow truck. The tow truck's arm is attached to the front of the car, and its yellow cab is visible in the background. The scene is set outdoors on a paved surface.

Purpose & Need



**TOTAL
CRASHES:**

362

**INTERSECTION
RELATED:**
354

SPANISH FORK MAINSTREET CRASH SUMMARY

TOTAL CRASHES	362	100%
INTERSECTION RELATED	354	97.9%
DISTRACTED DRIVING	39	10.77%
SPEED RELATED	12	3.31%
CMV INVOLVED	11	3.04%
ROADWAY DEPARTURE	7	1.93%

MANNER OF COLLISION

ANGLE	176	48.62%
FRONT TO REAR	154	42.54%
SIDESWIPE SAME DIRECTION	14	3.87%
HEAD ON (FRONT TO FRONT)	10	2.76%

CRASH SEVERITY

NO INJURY/PDO	227	62.71%
POSSIBLE INJURY	101	27.90%
SUSPECTED MINOR INJURY	31	8.56%
SUSPECTED SERIOUS INJURY	3	0.83%
FATAL	0	0.00%

LEGEND

0-5
6-15
16-25
26-35
36-45
46-55
56-65

North

UTAH CRASH COSTS FOR CRASH SEVERITIES

UNIT COST	TOTAL COST
\$18,600	\$4,222,200
\$184,900	\$18,674,900
\$368,300	\$11,417,30
\$1,704,400	\$5,113,200
\$16,090,700	-
	\$29,152,030

Main Street Corridor 600 N – 1000 N

CONFETTI ANTIQUES & BOOKS

ANTIQUES • FINE ART • BOOKS • VINTAGE • JEWELRY • MORMONABILIA • FURNITURE

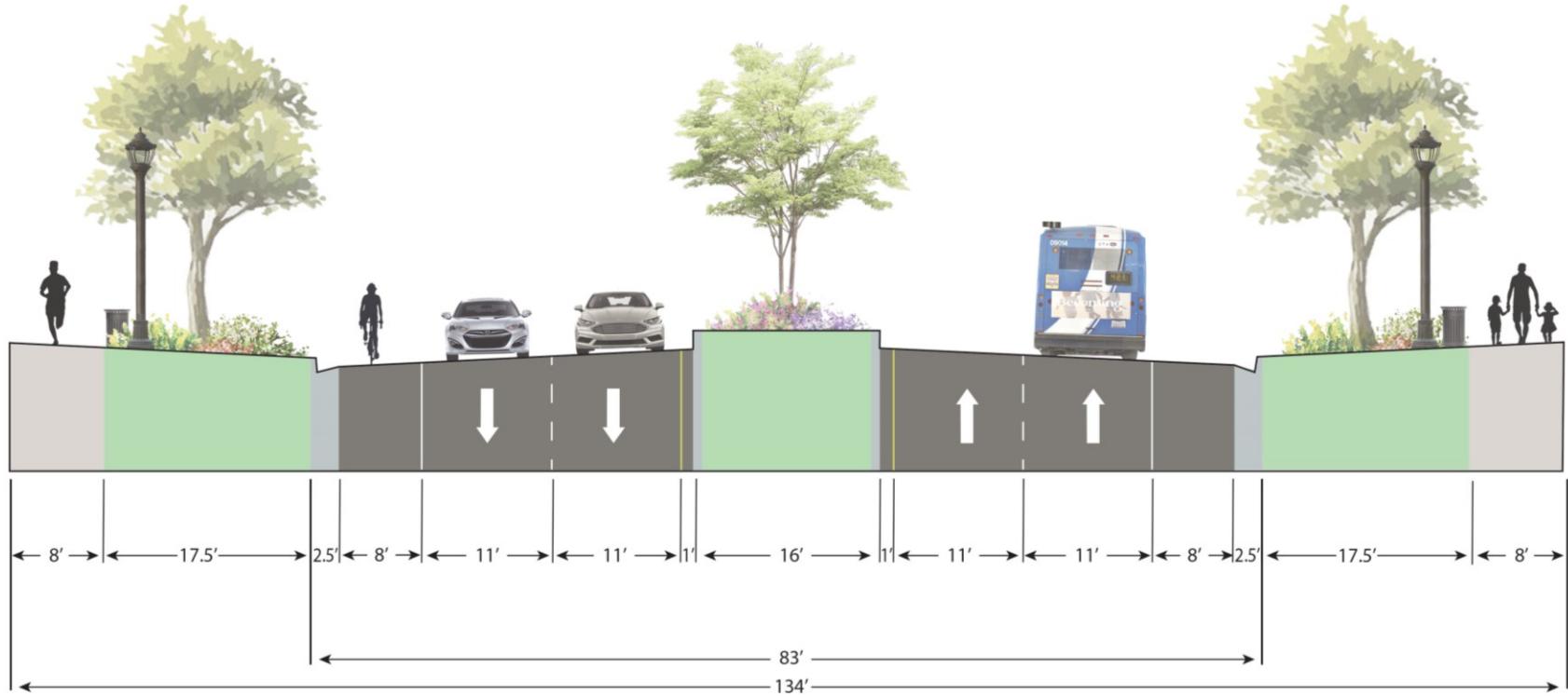
OPEN

ASEGURADORES
WIRELESS CELULARES

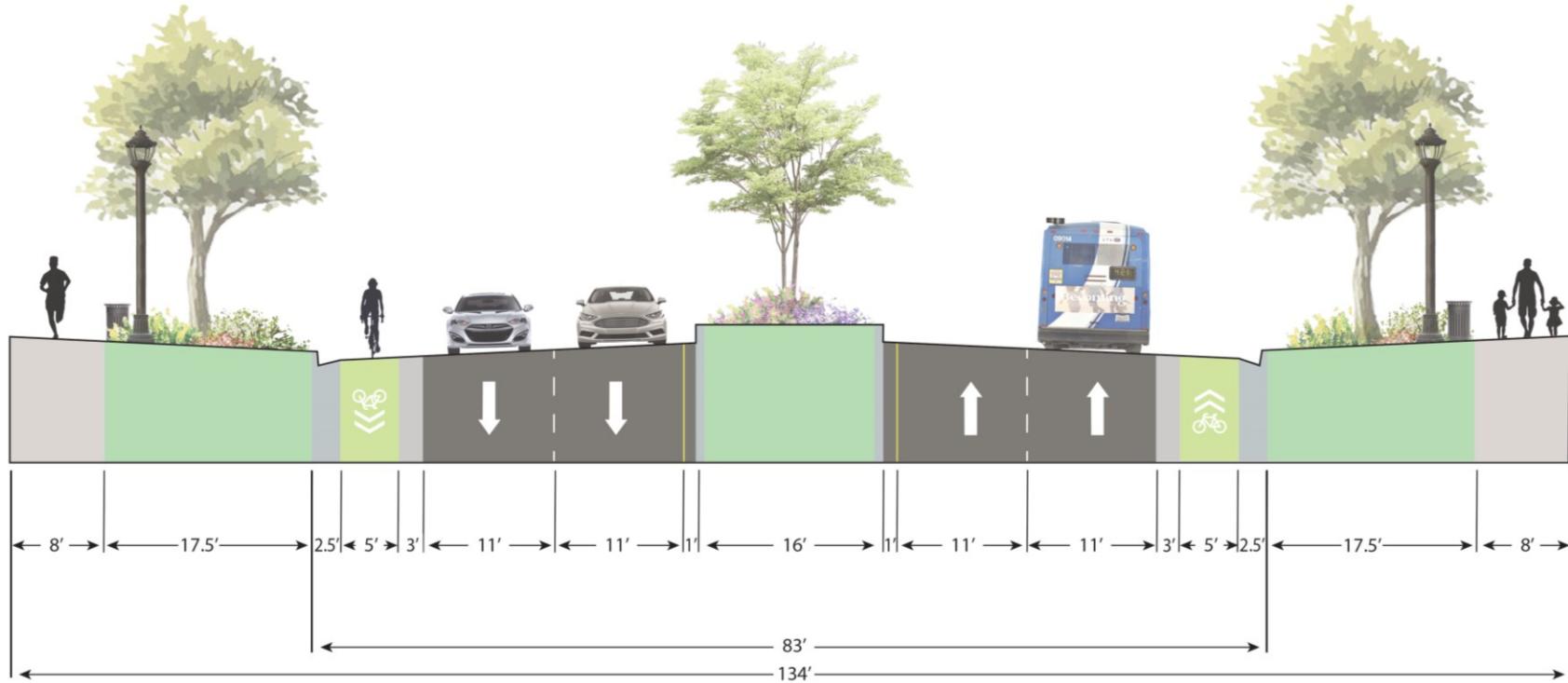
SIMPLY

2700
\$25
\$25
\$25

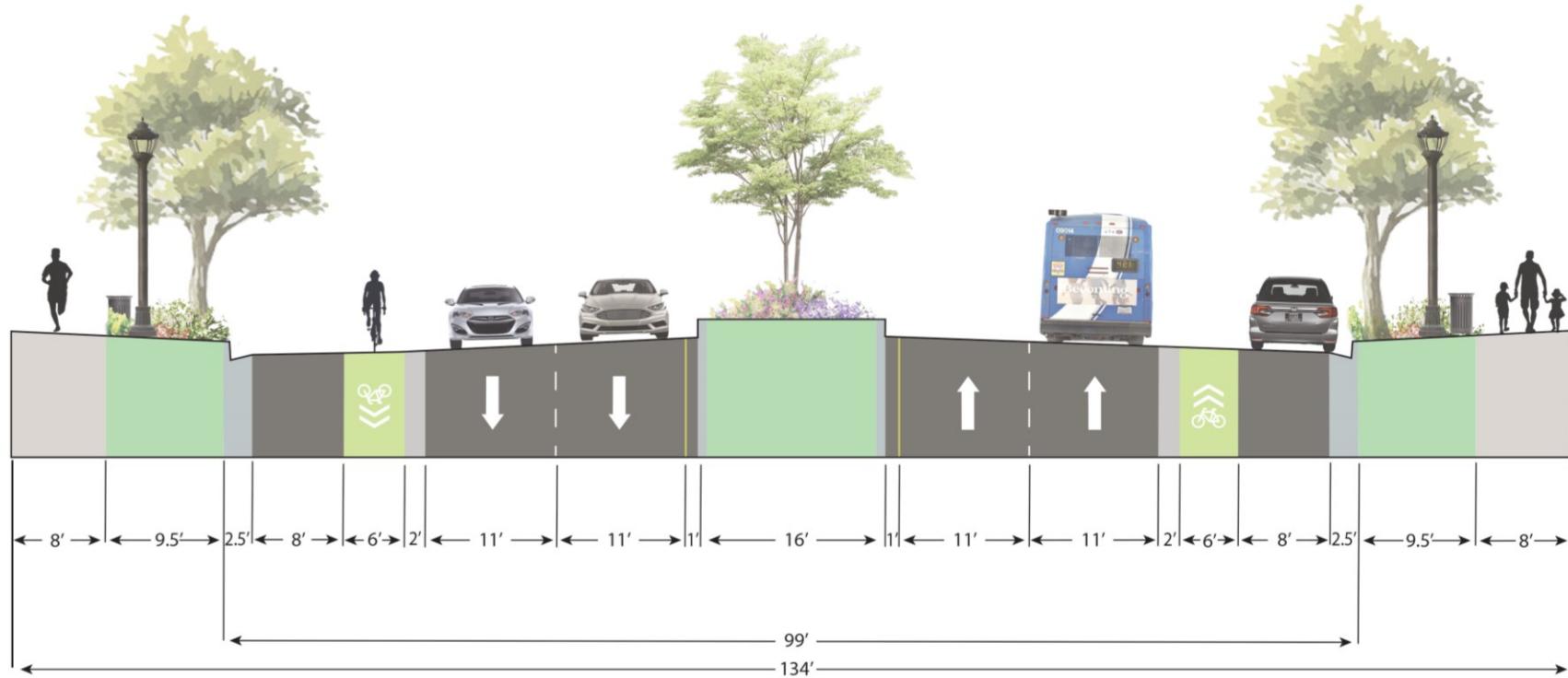
Typical Section: Shoulder



Typical Section: Bike Lane

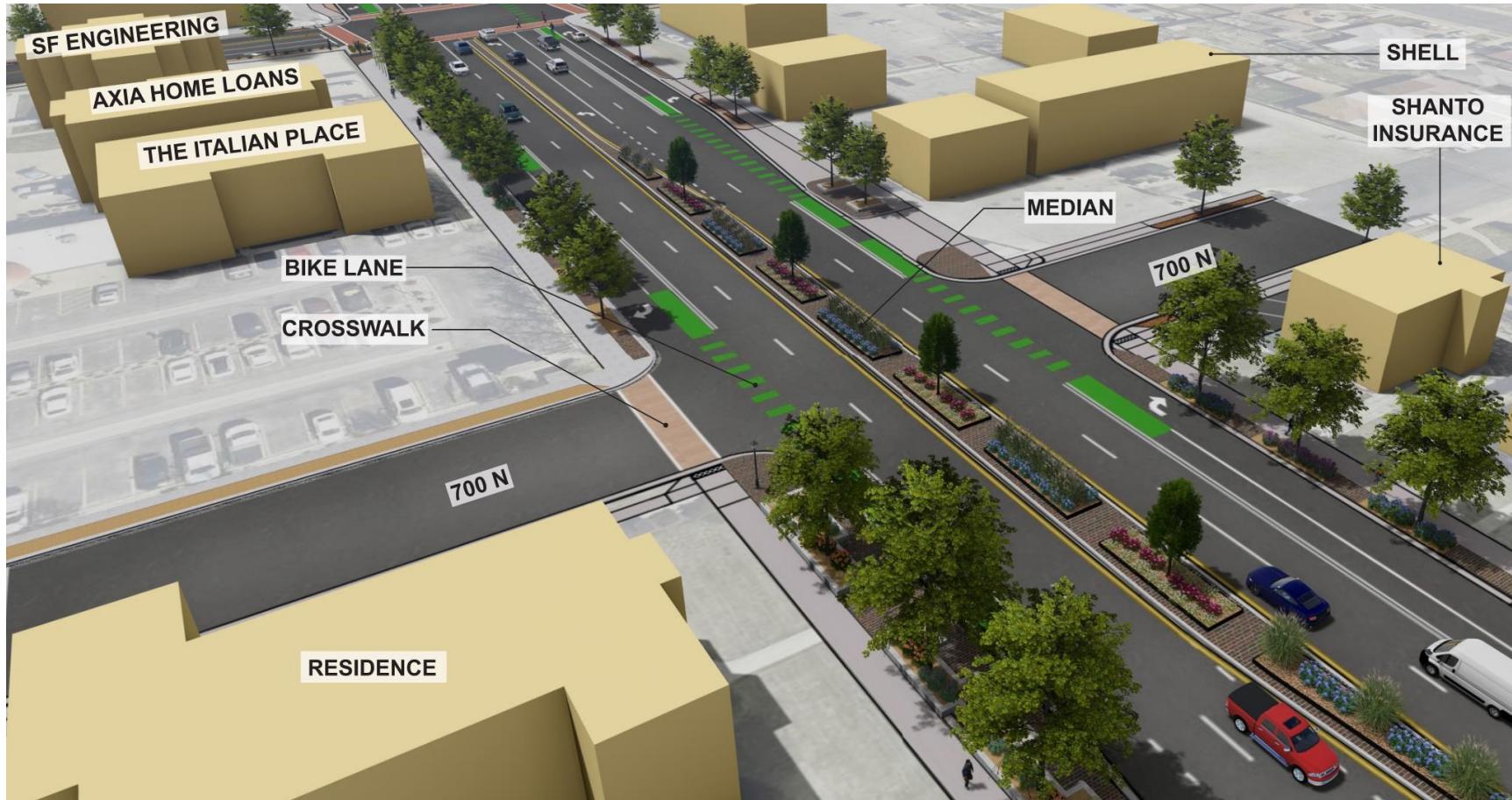


Typical Section: On Street Parking





600 N to 1000 N: Corridor Plan



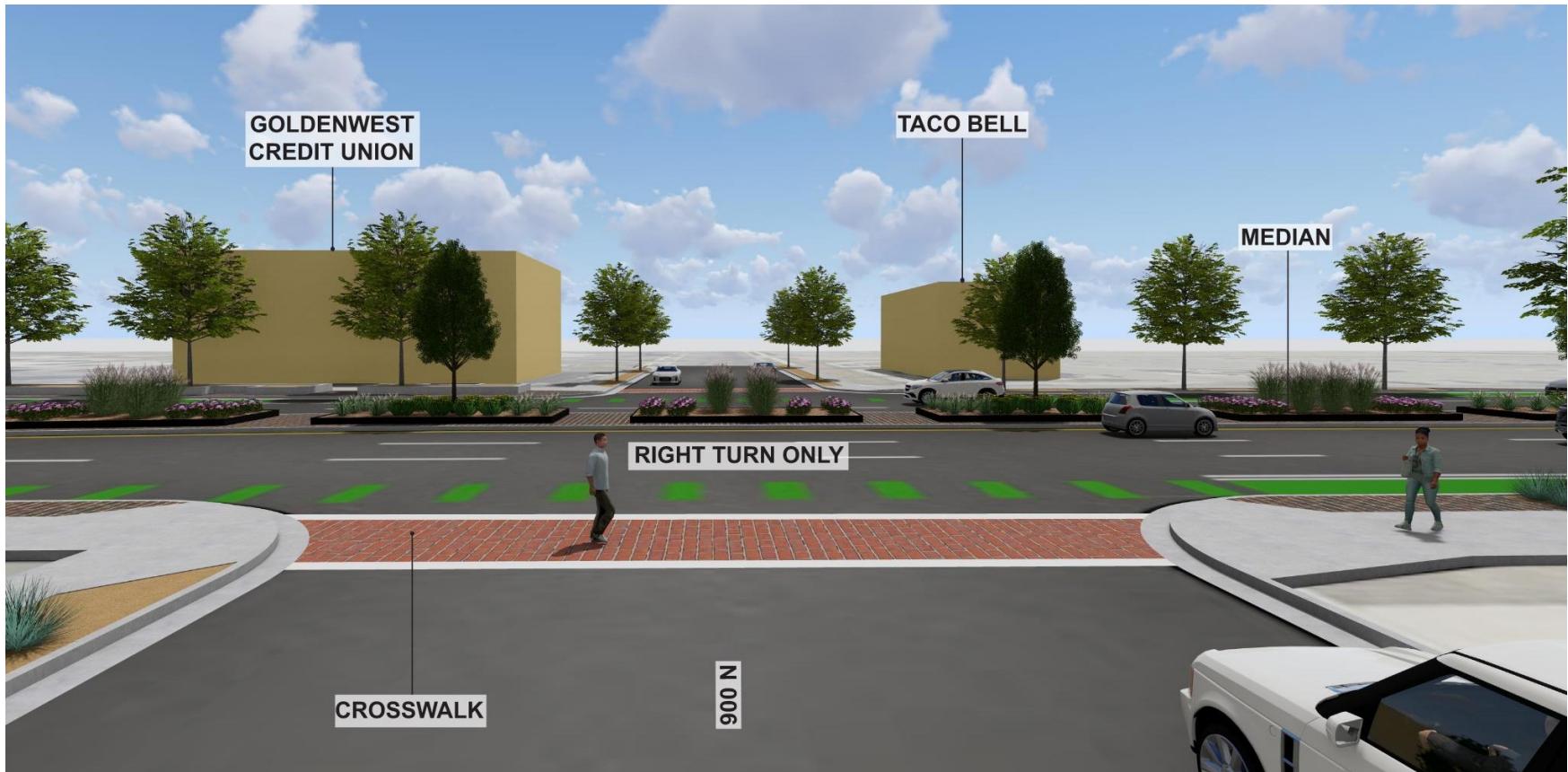
Corridor Perspective: 700 N Intersection View Northeast



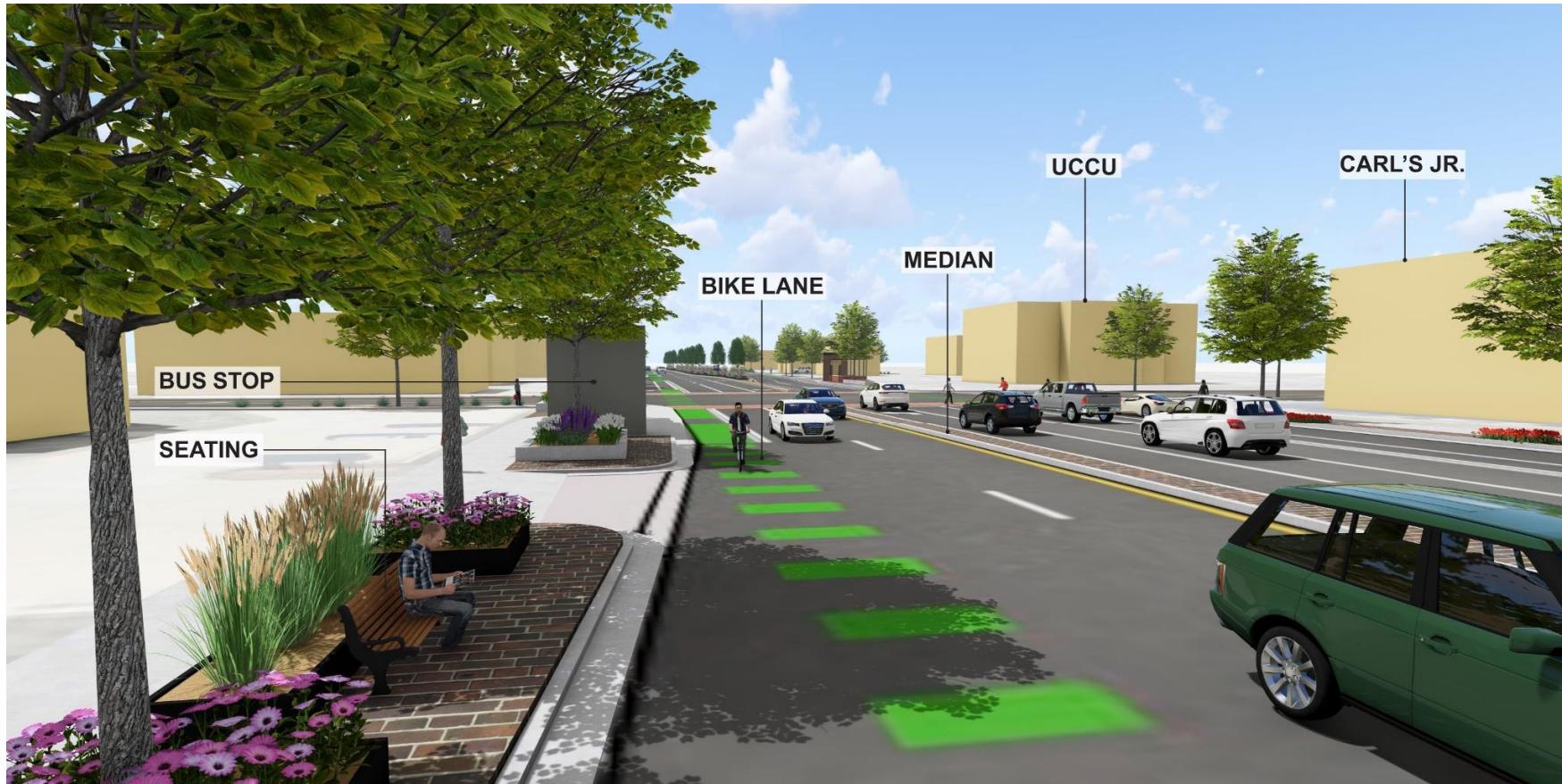
Corridor Perspective: 800 N Intersection View Southwest



Corridor Perspective: 900 N Intersection View West



Corridor Perspective: 900 N Intersection View West



Corridor Perspective: 800 N Intersection View North



Corridor Perspective: 700 N Intersection View North

Bus Stop Concepts



CONCEPT



PERSPECTIVE RENDER



DIMENSIONS



THEME: SFCN Building

Alternative 2

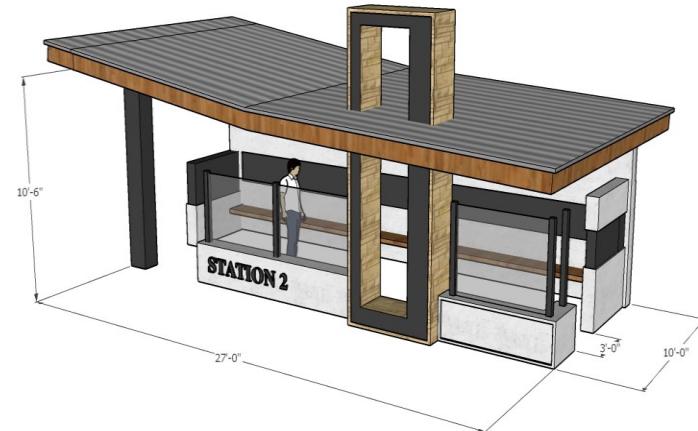
CONCEPT



PERSPECTIVE RENDER



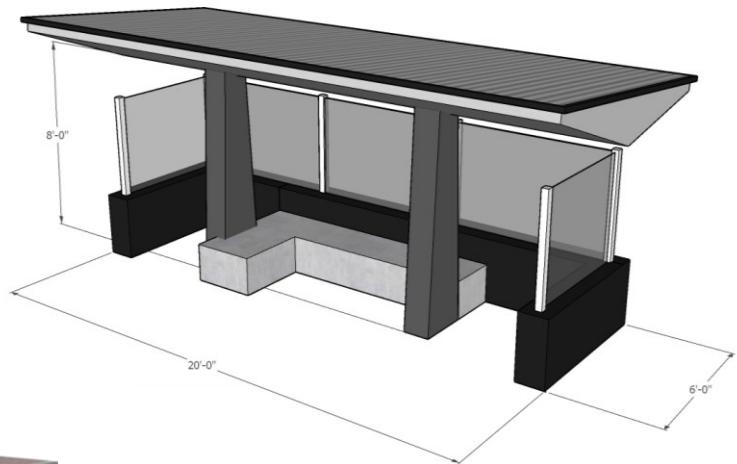
DIMENSIONS



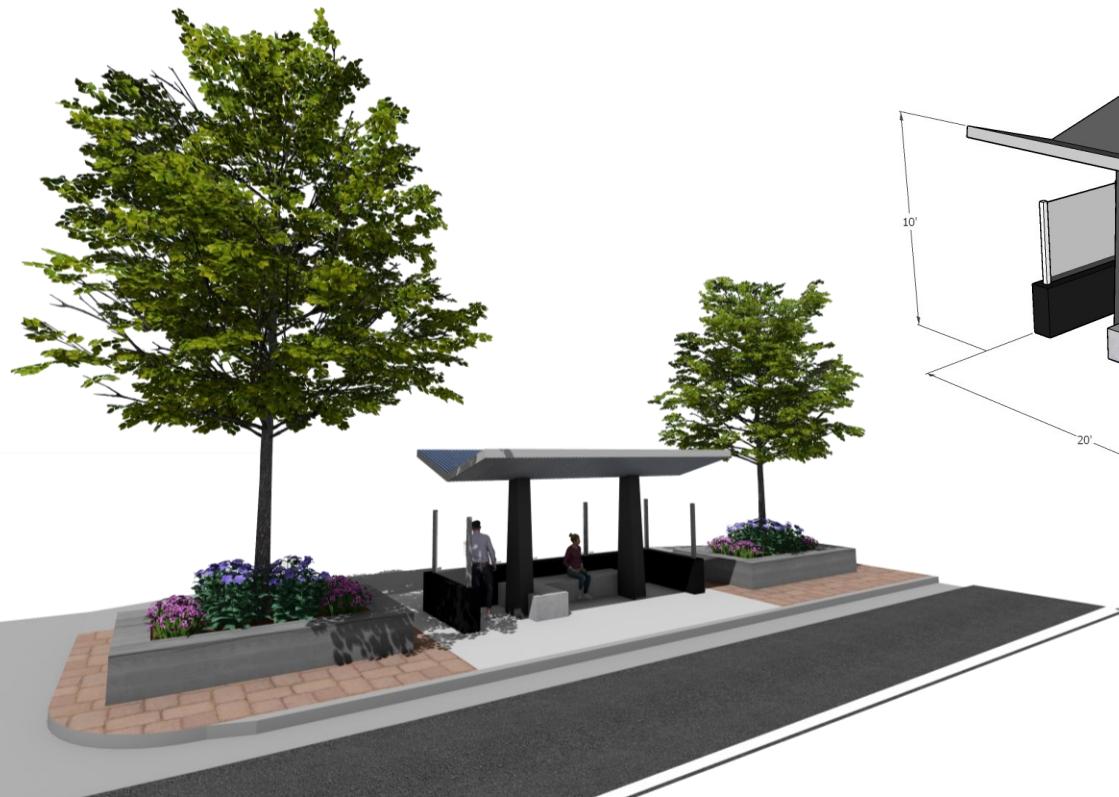
PERSPECTIVE RENDER



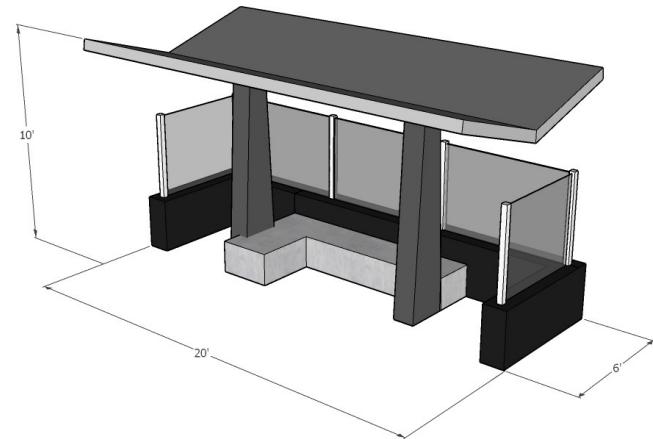
DIMENSIONS



PERSPECTIVE RENDER



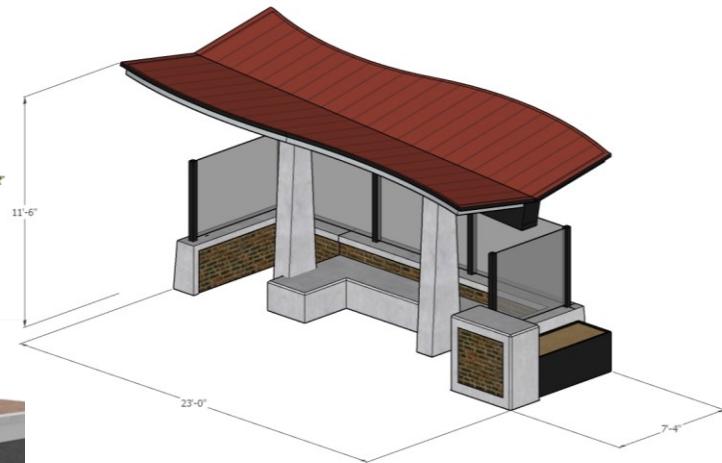
DIMENSIONS



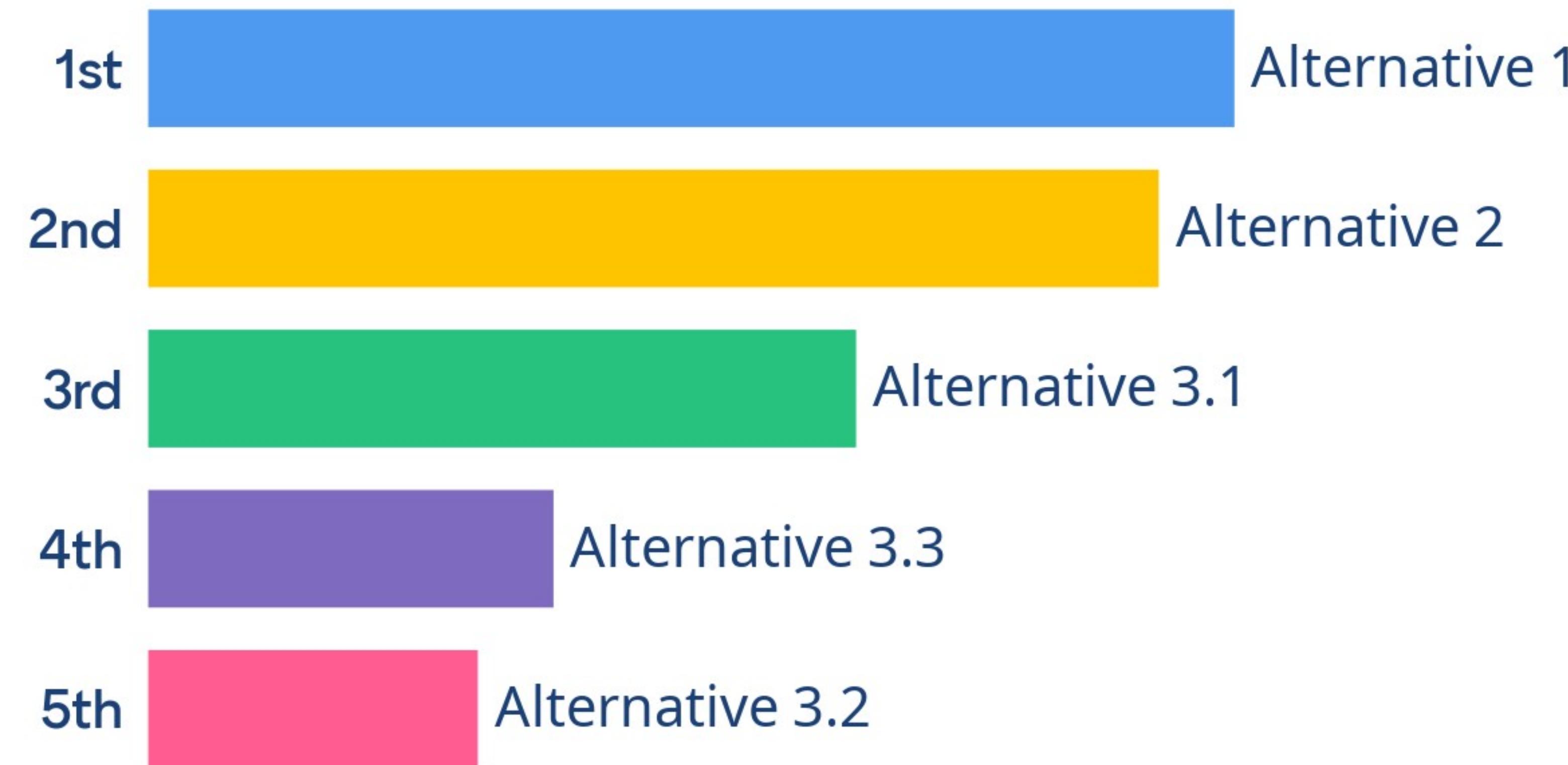
PERSPECTIVE RENDER



DIMENSIONS

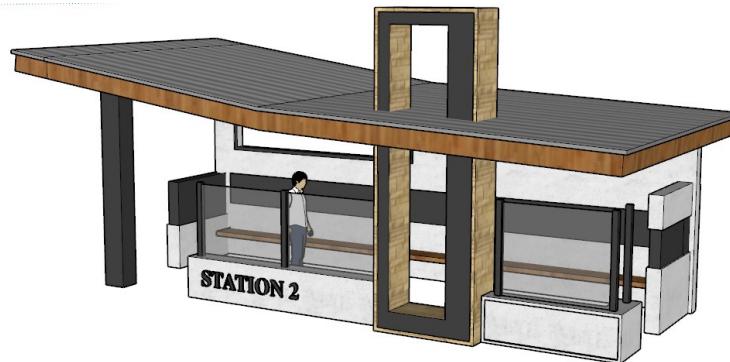


Ranking

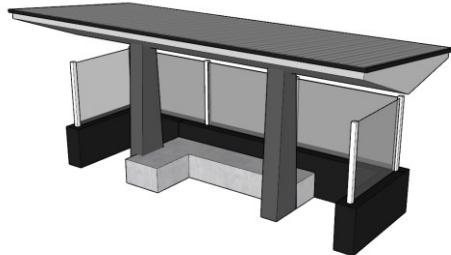




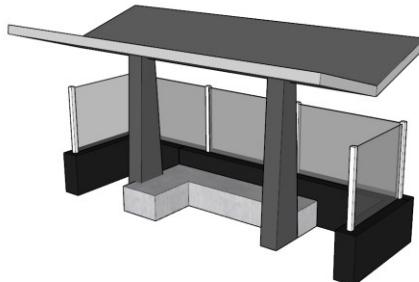
Alternative 1



Alternative 2



Alternative 3: Type 1



Alternative 3: Type 2



Alternative 3: Type 3

A photograph of a city street at dusk or night. The scene is dimly lit by streetlights and the headlights of passing cars. In the foreground, a person is walking away from the camera. In the background, a large, multi-story building with many windows is visible. The overall atmosphere is hazy and urban.

Corridor Lighting

1

Introduction &
Photometrics

2

Traditional
Theme

3

Hybrid
Theme

4

Modern
Theme





Luminaire

Hood
Cap
Lens
Cage or Yolk

Pole

Fluted
Smooth
Rail

Pole Base

Flared
Straight
Rounded/Hex/Square

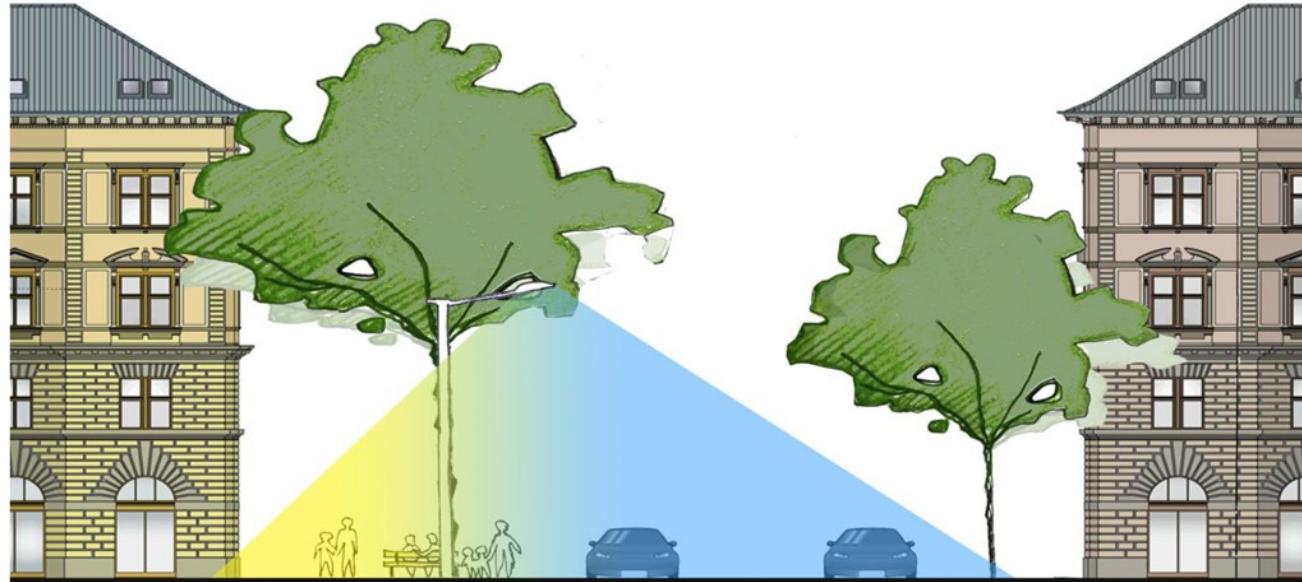
Light Pole Anatomy

- Endless options and varieties between various luminaire, pole and pole base elements
- Simplifying light assembly into three distinguishable categories
- Typical considerations between Luminaire Type, Pole Type and Pole Base

i.e Modern Luminaire will not have fluted pole or flared base. Doesn't match style.



Photometrics



Sidewalk: 3000K

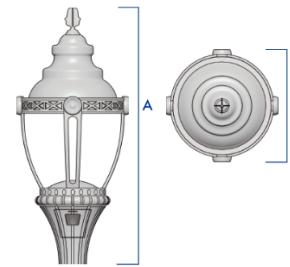
Street: 4000-4500K



3000K v. 4000K



Existing Corridor Lighting



Fixture	A	B
UTL	42"	18.5"

FITTER OPTIONS



FLUTED

SMOOTH



Lighting Themes



Acorn



Pendant
&
Double
Pendant



Acorn



Pendant
&
Double
Pendant



Side Mount



Traditional

Hybrid

Modern

Lighting Themes

Pole & Pole Base



Fluted



Smooth



Rail

Traditional

Hybrid

Modern



Traditional Lighting

Traditional Pendant



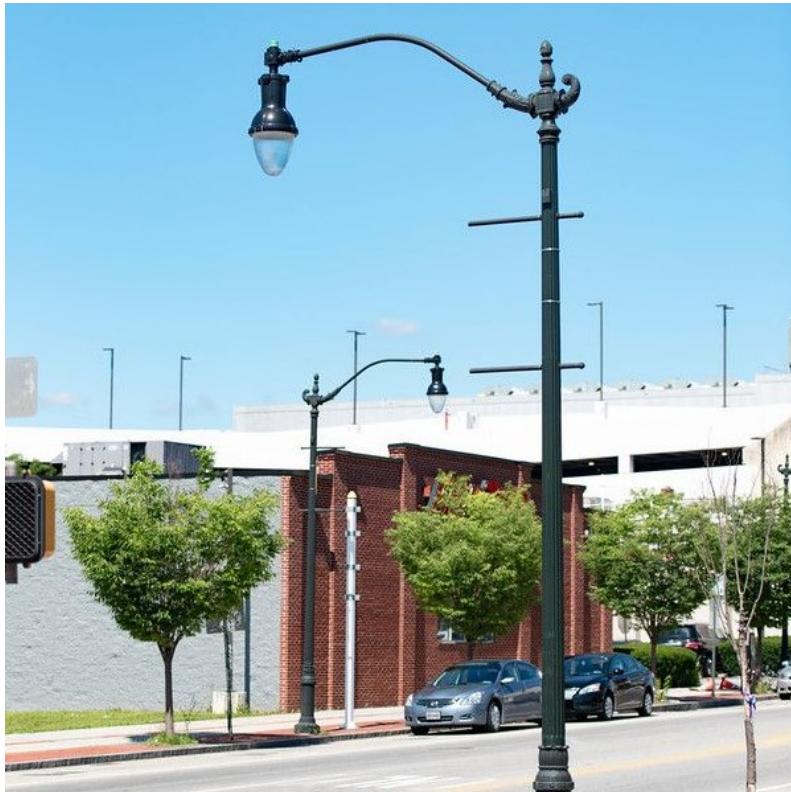
Traditional Pendant



Traditional Pendant



Traditional Pendant



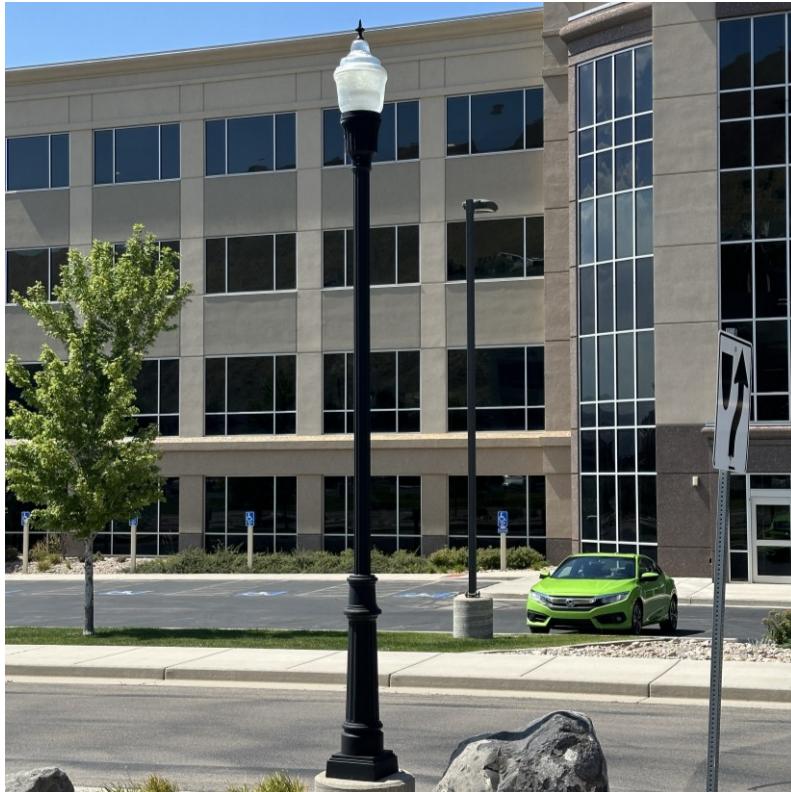
Traditional Post Mount



Traditional Post Mount



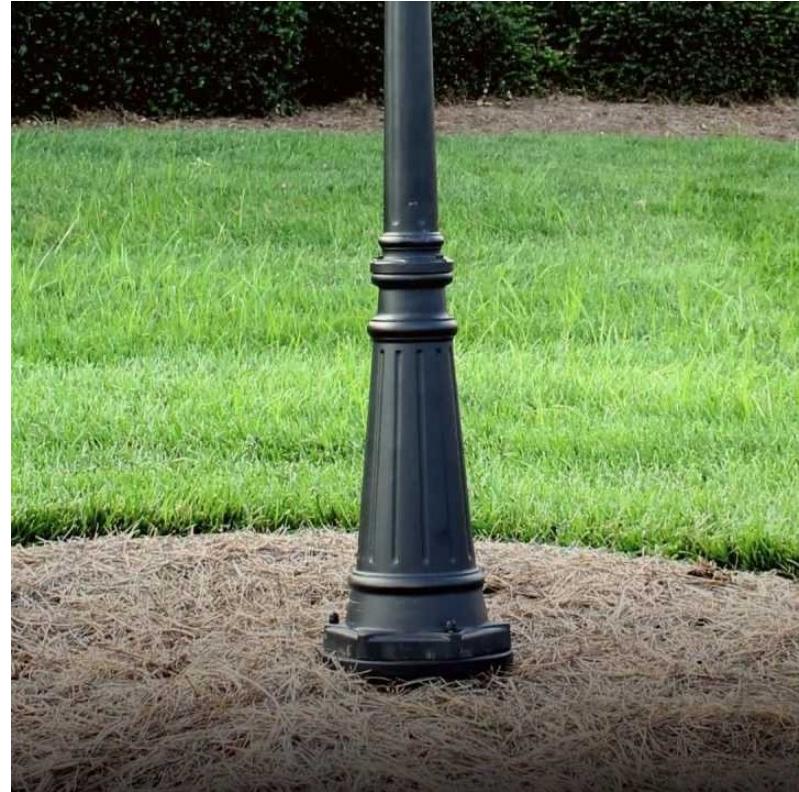
Traditional Post Mount



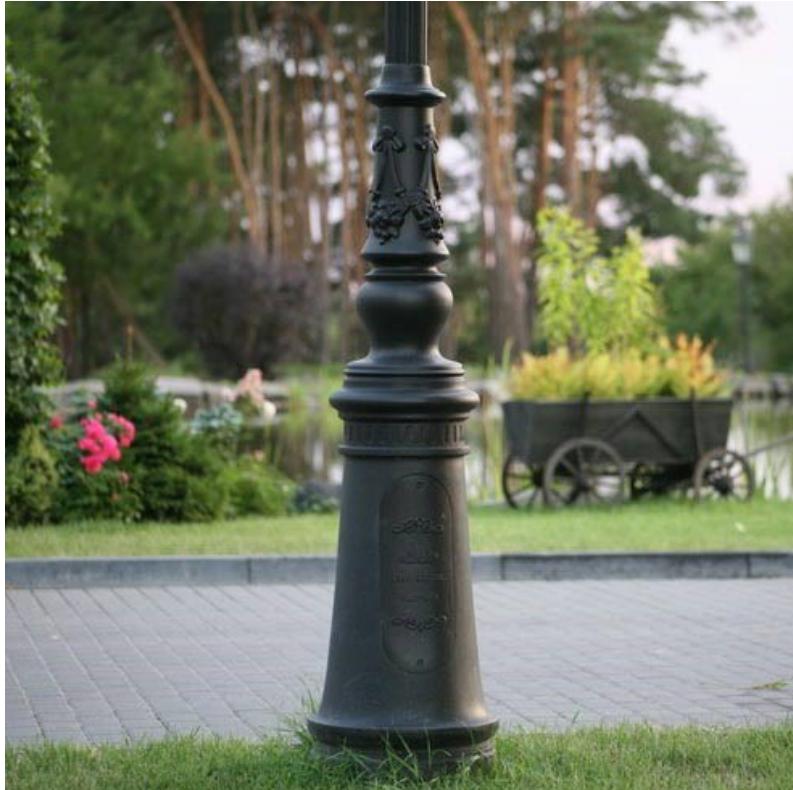
Traditional Post Mount



Traditional Pole Base



Traditional Pole Base



Hybrid Lighting

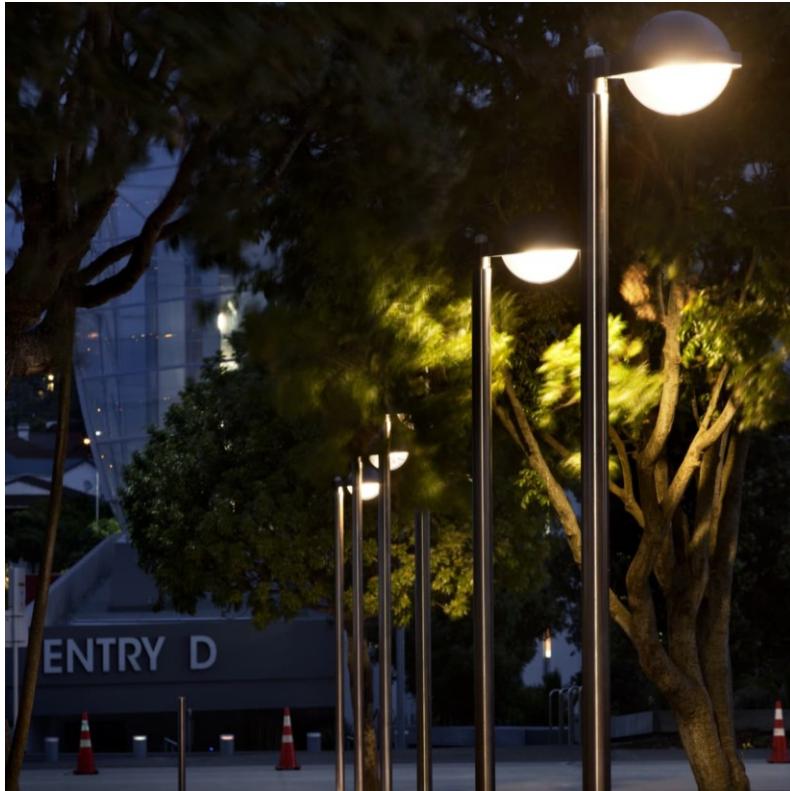


EST. 1855

Hybrid Pendant



Hybrid Pendant



Hybrid Pendant



Hybrid Post Mount



Hybrid Post Mount



A wide-angle photograph of a modern parking lot, likely for a shopping center. In the foreground, a tall, modern street lamp with two light heads stands on a concrete base. The parking lot is filled with various cars, including a dark blue sedan, a white SUV, and a silver car. In the background, there are several buildings, including a Target store with its signature red and white sign. The background is dominated by a range of mountains under a clear blue sky with a few wispy clouds.

Modern Lighting

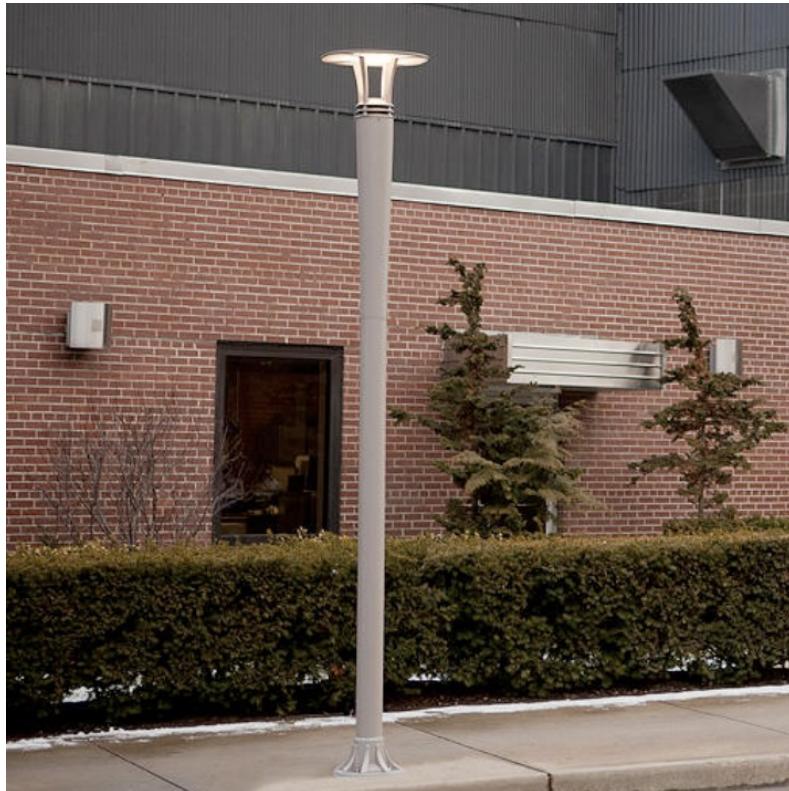
Modern Post Mount



Modern Post Mount



Modern Post Mount



Modern Post Mount



Modern Post Mount



**Existing
Main Street Lighting**

Menti Code: 1656 1463

Lighting Summary

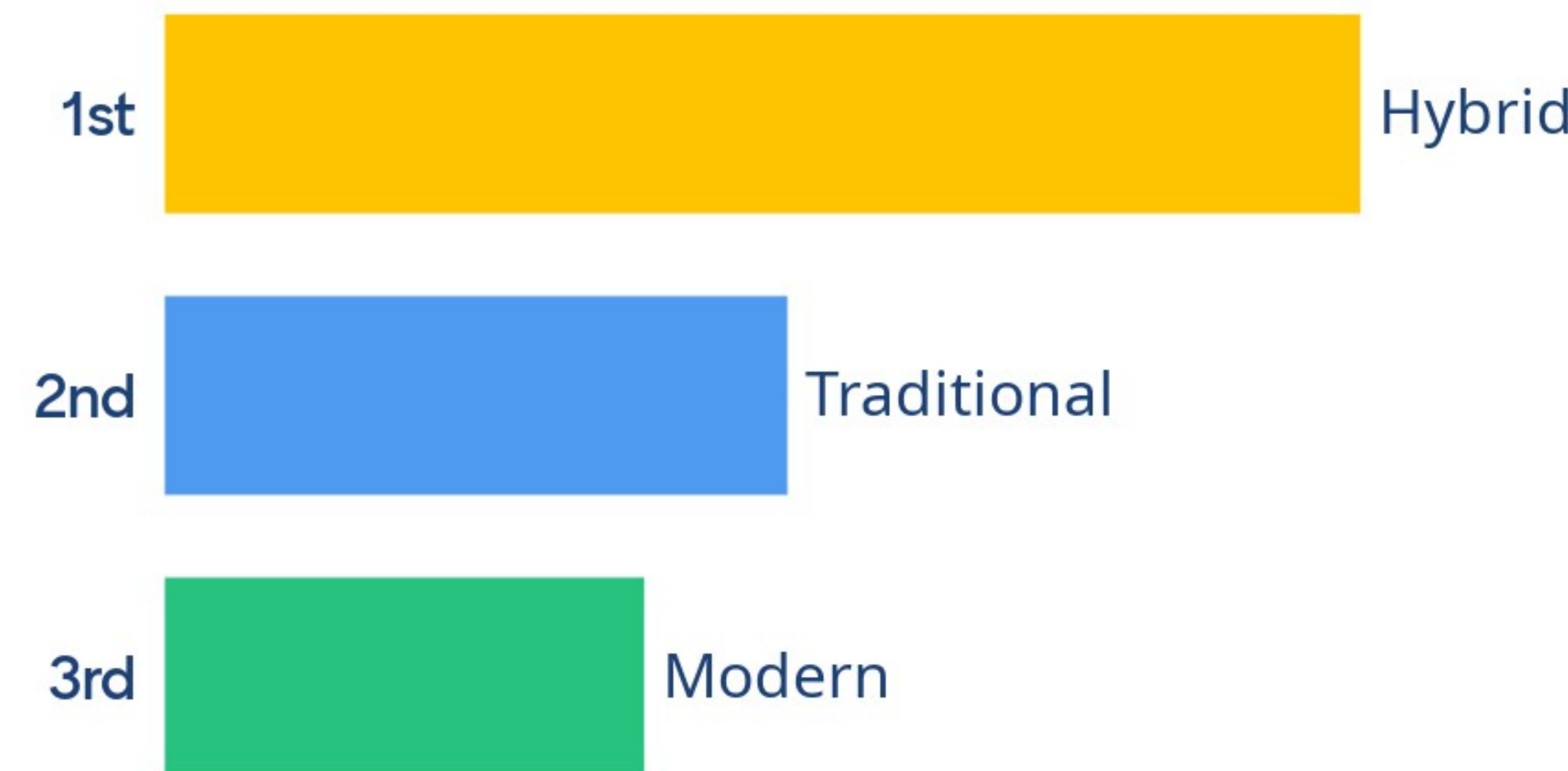


Traditional

Hybrid

Modern

Which lighting theme do you believe most aptly reflects the character and overall aesthetic vision of Spanish Fork Main Street?



Wayfinding Signage



Material Legend

SPANISH FORK white acrylic

Shopping <

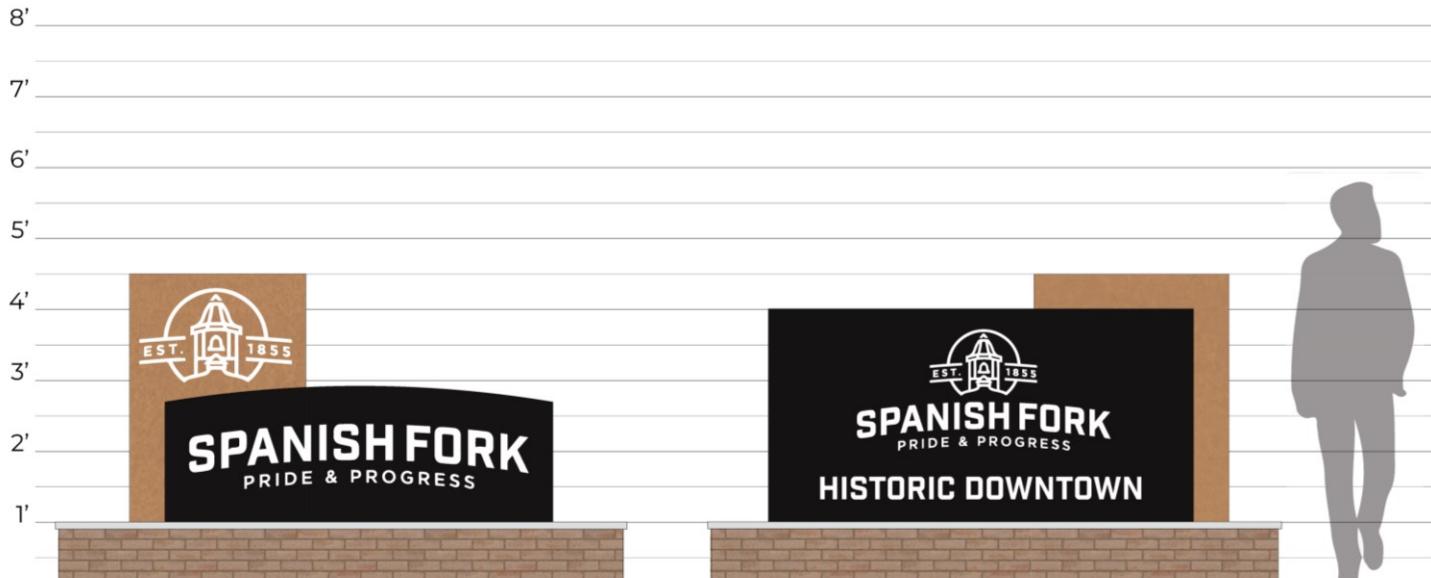
natural rusted metal

brick base

raw aluminum

precast concrete cap

Corridor Signage: Monuments



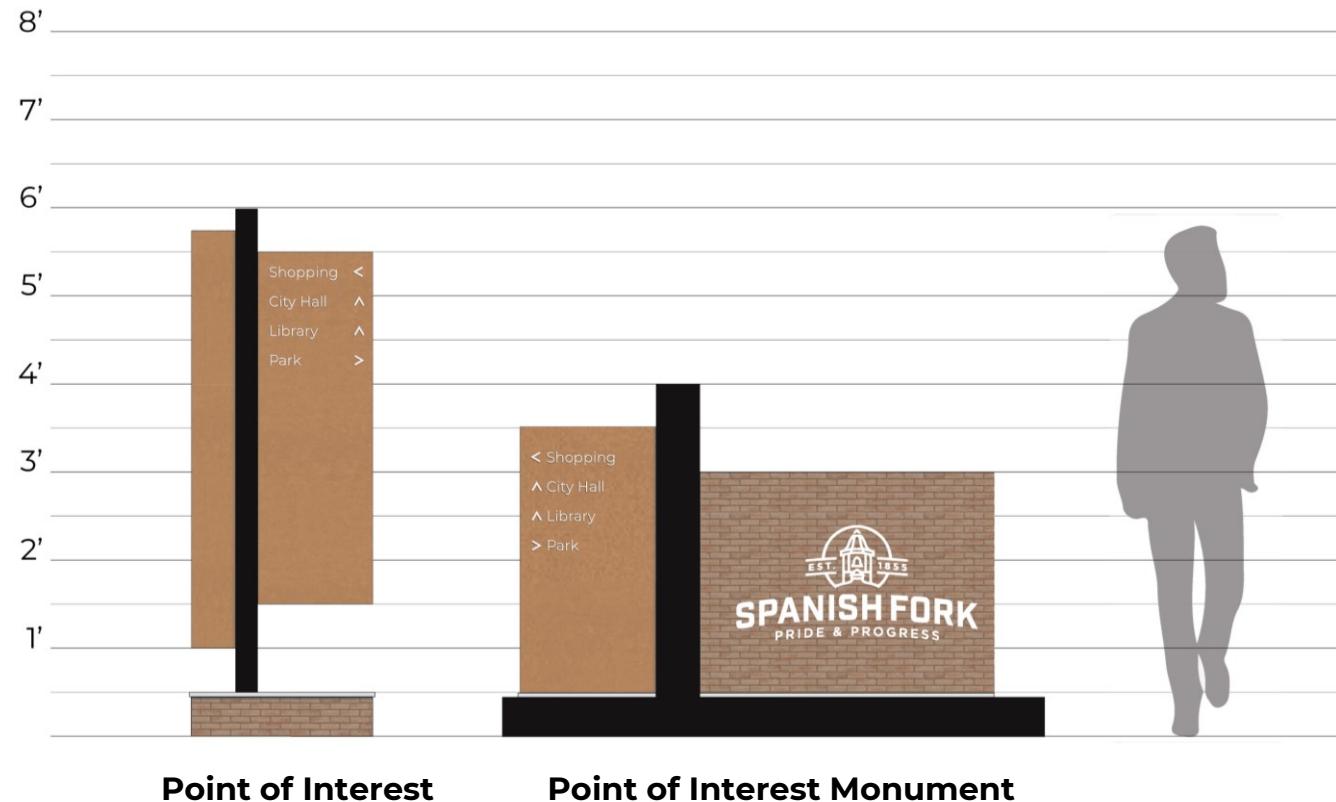
City Gateway

Downtown Gateway

Material Legend



Corridor Signage: Wayfinding



Material Legend



Off-Corridor Signage



Corridor Signage





Upcoming: Worksession #2

September 17, 2024

Agenda:

1. Roadway Design Criteria
2. Potential Tree Impacts
3. Bus Station Concept Materials
4. Detailed Lighting Options