



Urban Transportation Commission

DECEMBER 5, 2023

AUSTIN LIGHT RAIL IMPLEMENTATION PLAN

LEGEND

AUSTIN LIGHT RAIL
PHASE I

AUSTIN LIGHT RAIL
PHASE I
PRIORITY EXTENSION

FUTURE
AUSTIN LIGHT RAIL

MAJOR TRANSFER
POINT

PARK & RIDE

9.8
MILES OF NEW
LIGHT RAIL

15
LIGHT RAIL
STATIONS

TRANSIT CONNECTIONS

METRORAPID

HIGH FREQUENCY
BUS

RED LINE

PROPOSED
GREEN LINE

ESTIMATED TRAVEL TIME

23 MINS

38TH - OLTORF

31 MINS

38TH - YELLOW JACKET

ESTIMATED AVG. # OF DAILY RIDERS SERVED
(2040)

28,500

20,000+

AFFORDABLE HOUSING UNITS SERVED
(SUBSIDIZED)

ACCESS TO

136,000+ CURRENT JOBS

200,000+ FUTURE JOBS

ANTICIPATED CAPITAL COST (CURRENT DOLLARS)

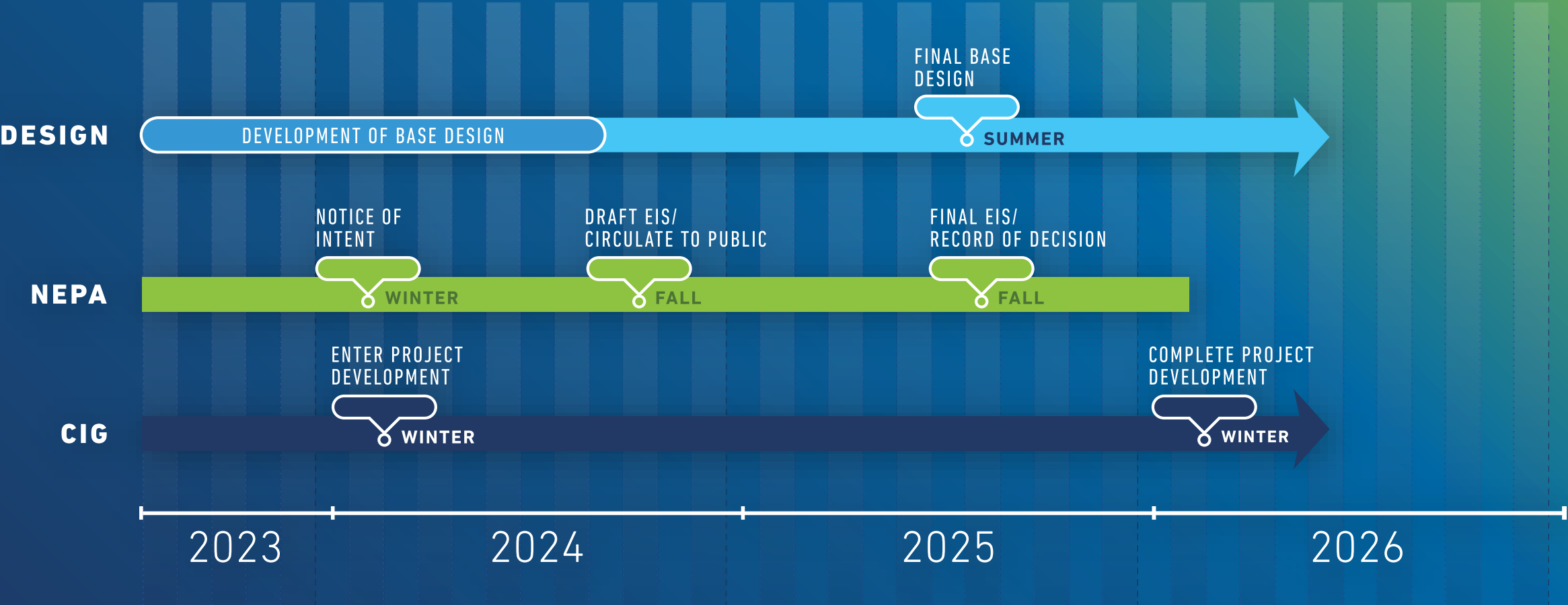
\$4.5-\$4.8B

LOCAL AND FEDERAL DOLLARS

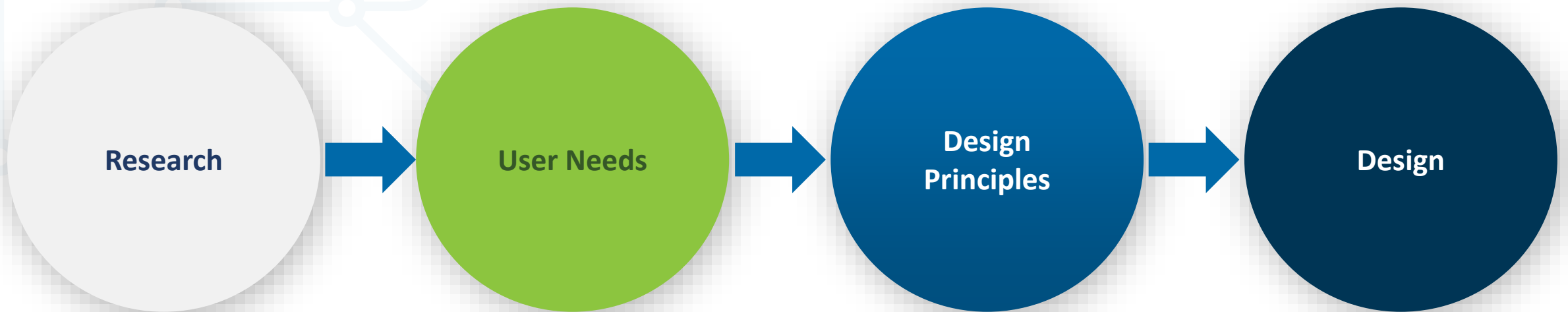
MAY 2023

AUSTIN
TRANSIT
PARTNERSHIP

Program Implementation & Integrated Approach Work Efforts



Designing a Human-Centered Transit Environment



Design Research

Local Context

Urban Form

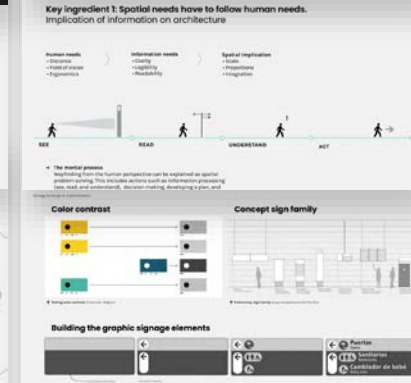
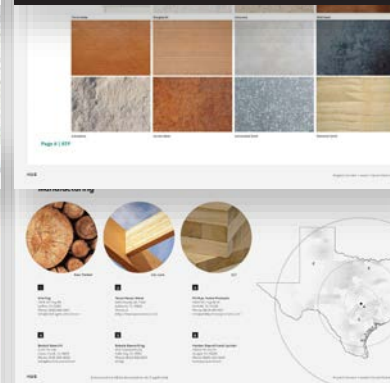
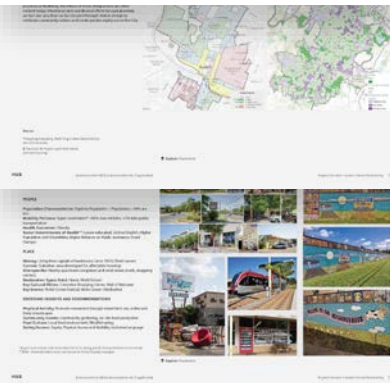
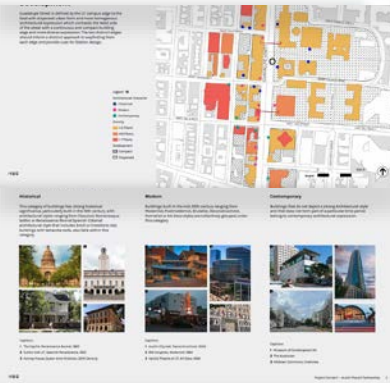
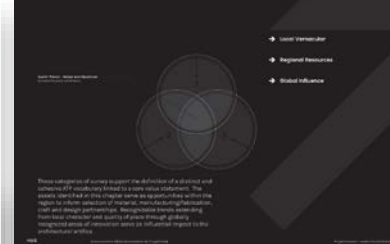
Culture/History

Landscape

Sustainability

Materials

Wayfinding



Design Research User Experience

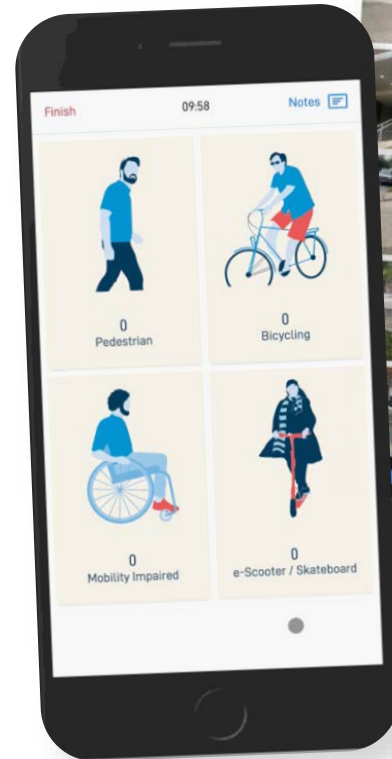
“human-centered”
means
designing for
how people
actually behave



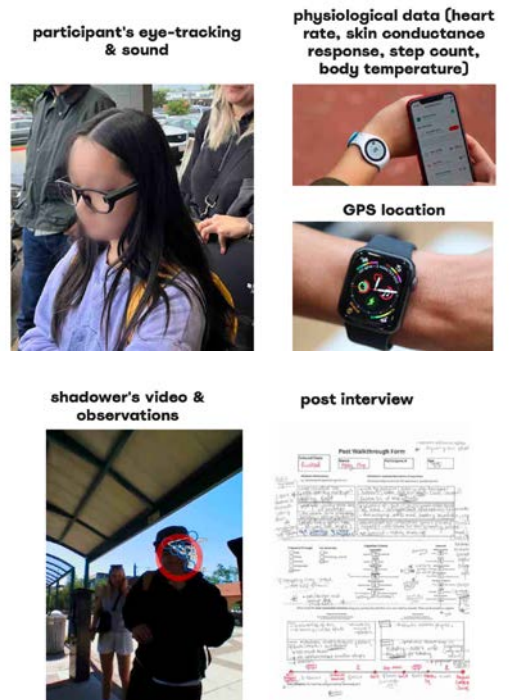
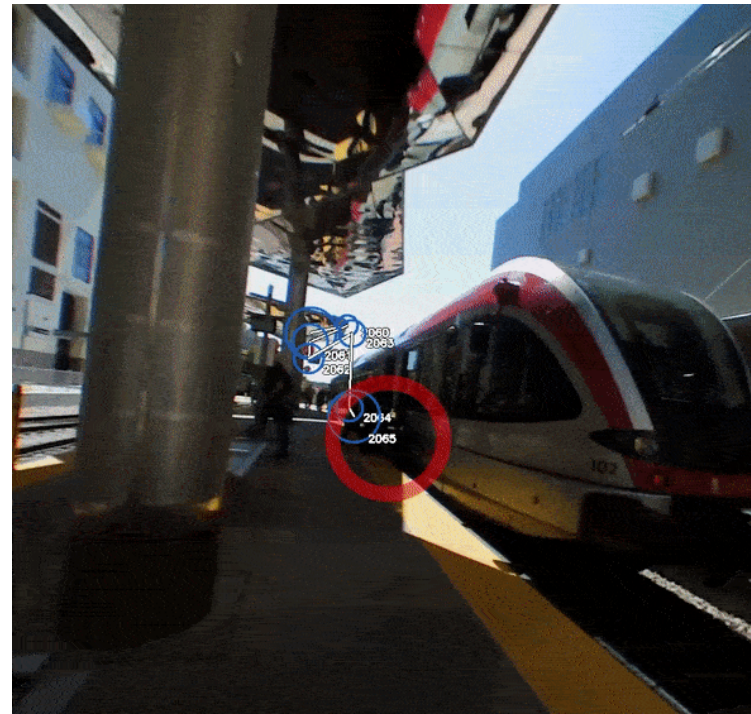
Design Research: User Experience Mapping User Mobility Patterns

TOOLS USED:

1. Gehl Public Life app
2. Gehl Eye Level City App
3. Gehl Sidewalk and Facade Quality app
4. NIOSH Sound Level Meter
5. Light Meter LM-3000



Design Research: User Experience Cognitive Mapping of the Transit Experience



Design Research: User Experience

Workshops and On-the-go Engagements



ON-THE-GO ENGAGEMENTS

Blind & Visually Impaired

June 21

led by Scott Meyer, Texas Department of Assistive and Rehabilitative Services

Safe Routes to School

June 23

led by Coleen Gentles, Safe Routes to School



FOCUS GROUPS

Deaf & Hard of Hearing

June 22

led by Stacy Landry, Travis County Services for Deaf and Hard of Hearing

CapMetro Art Program & Artist

June 22

led by Melissa Ortiz and J Muzazc (McKalla Station Artist)



VISION WORKSHOPS

Reps from

The City of Austin, Austin Downtown Alliance, CapMetro, ATP EAC, ATP PSEC, ATP Board, CAC, SWSG

User Needs Basis for Human-Centered Design



**How do we ensure these
user needs **and** our
design principles
**resonate with
Austinites?****



- **Public Open Houses:**

November 16, UT and TSBVI

November 28, St. David's (Downtown)

December 5, Lively Middle School

December 6, Montopolis Rec Center

- **Virtual Open House**

December 13

<https://www.atptx.org/events/>

- **Digital Survey**

<https://publicinput.com/austinlightraildesign2023>

THANK YOU