

A wide-angle photograph of the Austin skyline across a river. In the foreground, a bridge with colorful graffiti spans the river. The graffiti includes phrases like 'GRUVE', 'BREATH', and 'NEVER'. The background features several tall skyscrapers under a blue sky with light clouds.

Joint Bicycle and Pedestrian
Advisory Council

11.06.2023

AUSTIN
TRANSIT
PARTNERSHIP

AUSTIN LIGHT RAIL IMPLEMENTATION PLAN



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

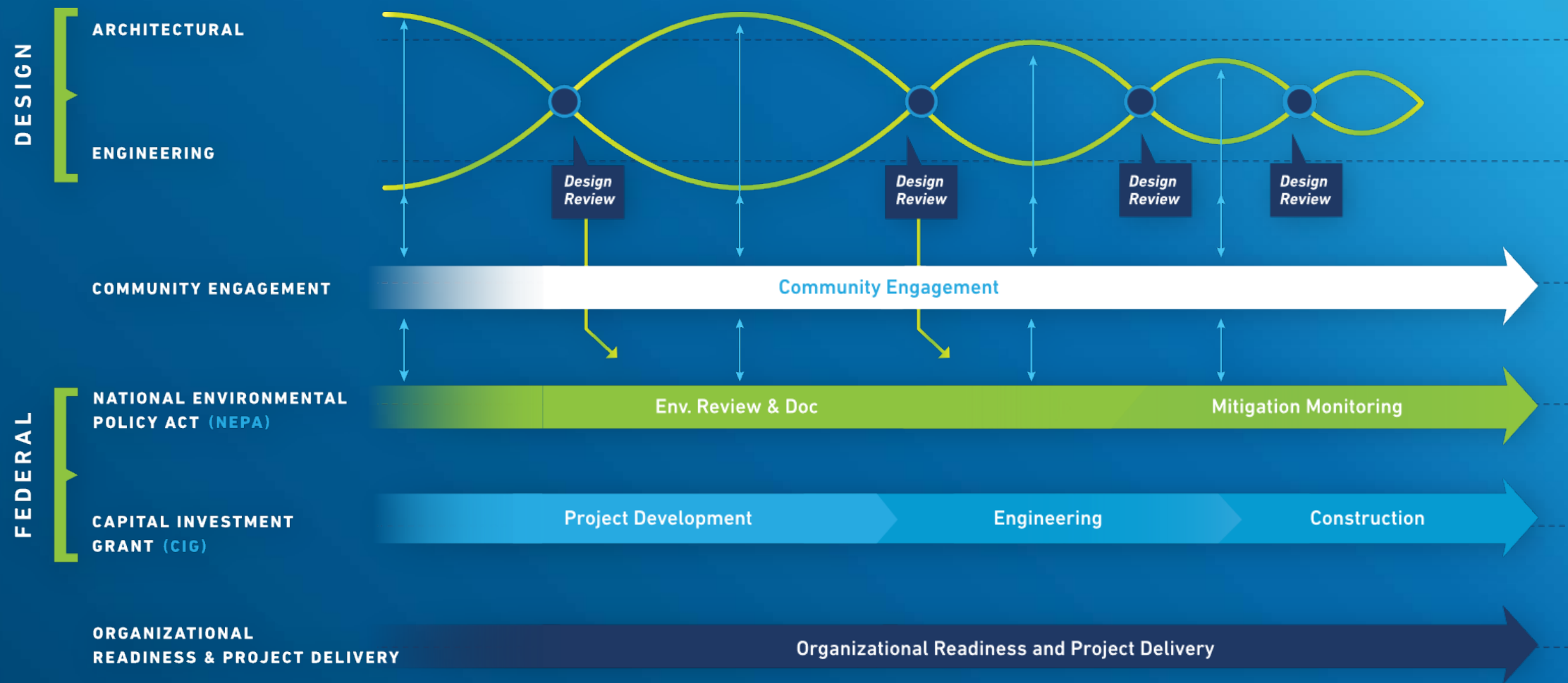
LOCAL AND FEDERAL DOLLARS

MAY 2023

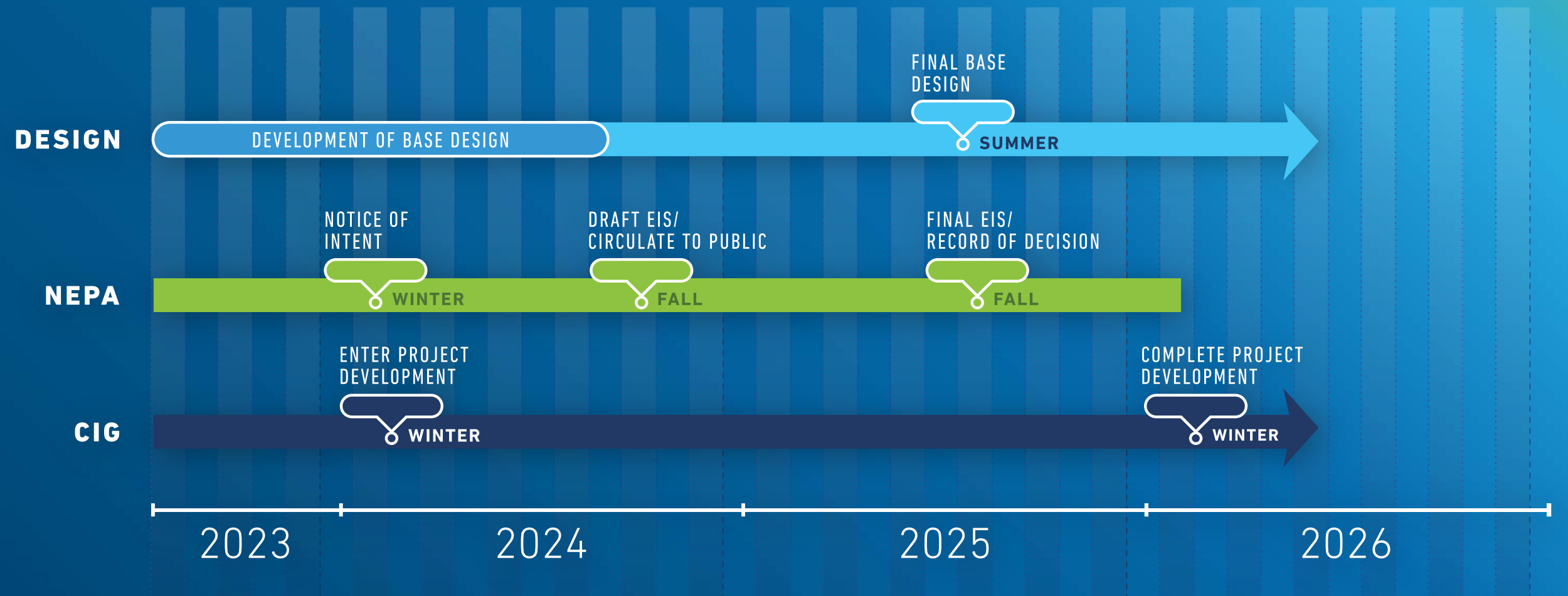
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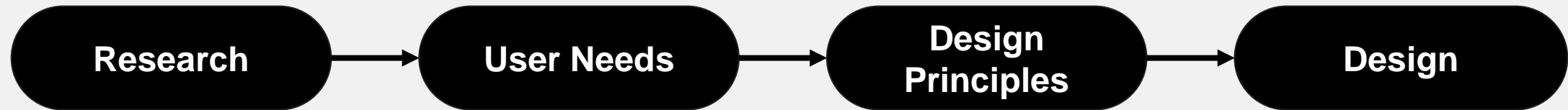
PROGRAM IMPLEMENTATION & INTEGRATED APPROACH WORK EFFORTS



PROGRAM IMPLEMENTATION & INTEGRATED APPROACH WORK EFFORTS



How do we create a human centered design?

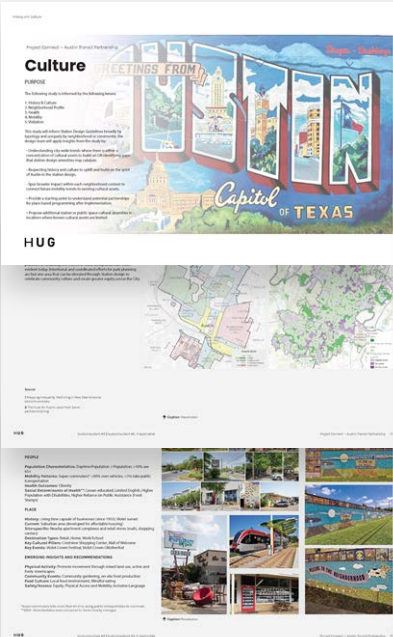


Local Context Research

Urban Form



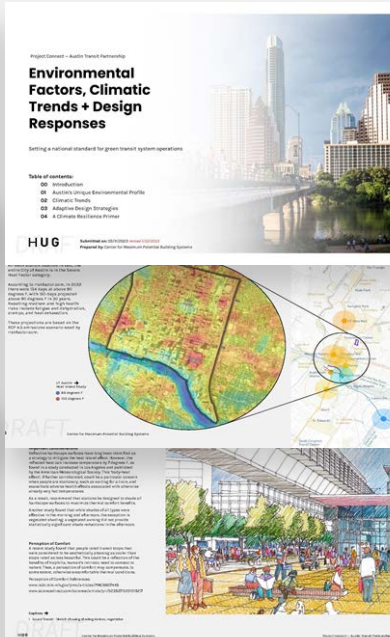
Culture/History



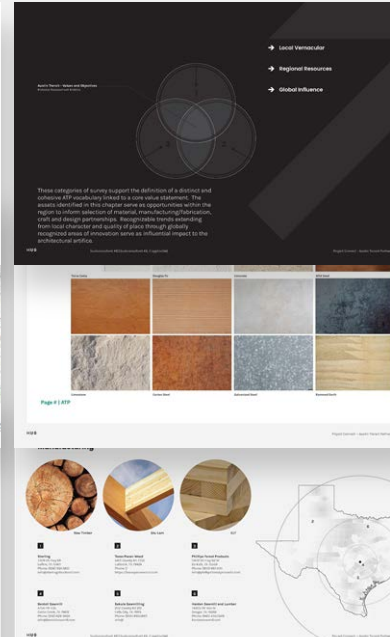
Landscape



Sustainability



Materials



Wayfinding



Site + User Research

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



Site + User Research



**Mapping User
Mobility Patterns**



**Public Realm
Analysis**



**Cognitive Mapping
of the Transit
Experience**



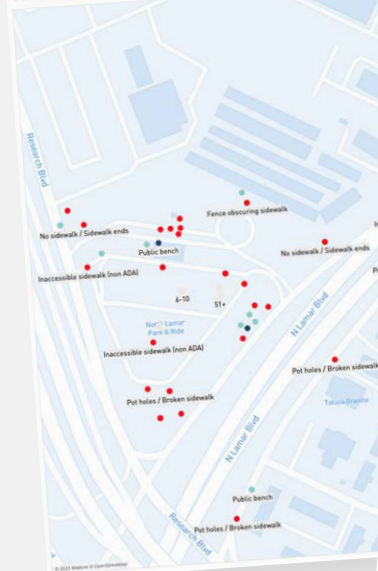
**Vision Workshops +
Engagements on the
Go**

Mapping User Mobility Patterns



- Tools Used:
1. Gehl Public Life app
 2. Gehl Eye Level City App
 3. Printed maps, pen, paper

Public Realm Analysis



Tools Used:

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

Cognitive Mapping of the Transit Experience



participant's eye-tracking & sound



physiological data (heart rate, skin conductance response, step count, body temperature)



GPS location



shadower's video & observations



post interview



Workshops, Focus Groups + Engagement on the Go



Engagements on the Go

Blind & Low Vision

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

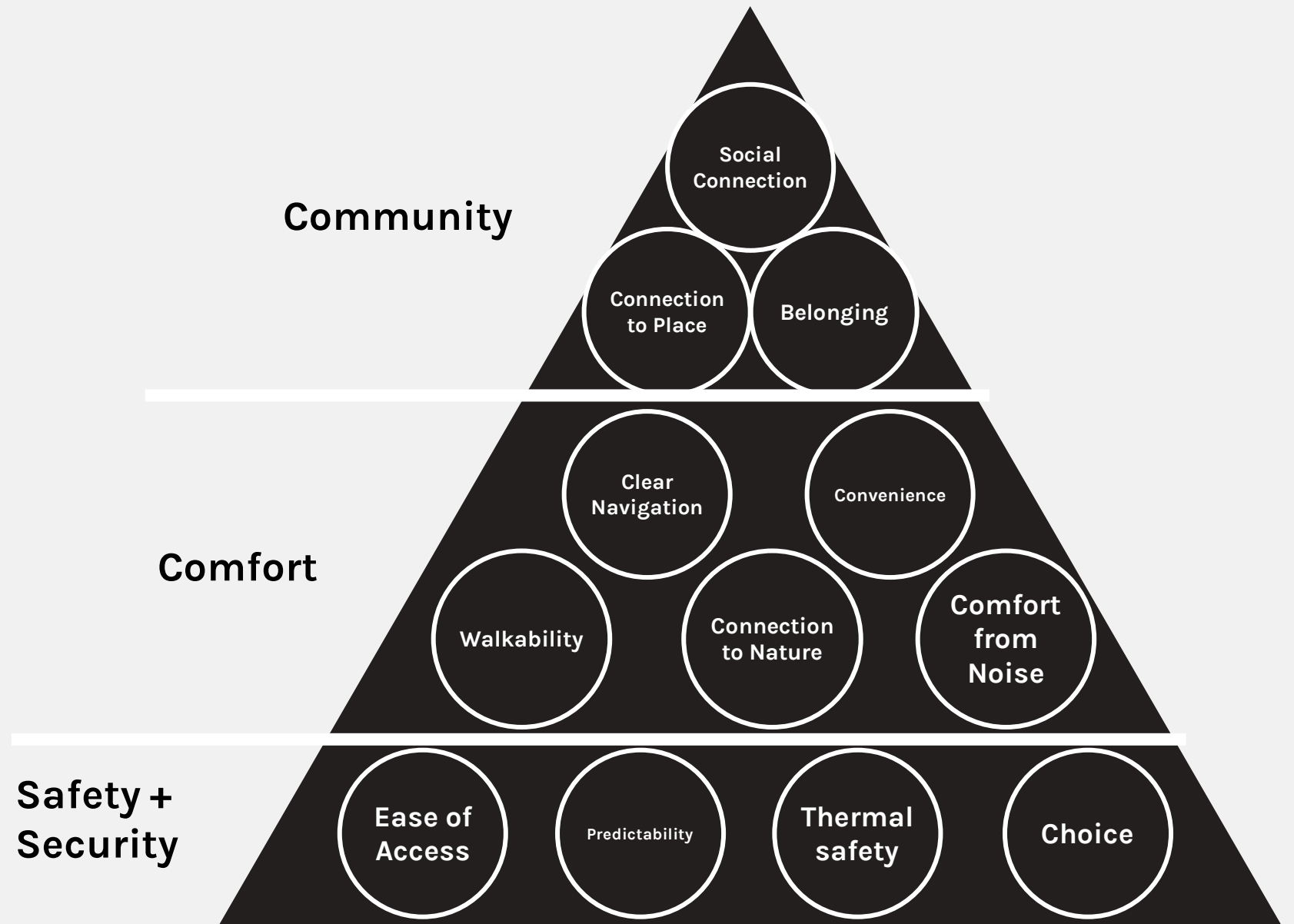
CapMetro Art Program & Artist

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

Priority User Needs



Upcoming Design Principals Outreach Dates

- November 16th : UT Texas Union, 2308 Whitis Ave, Quadrangle Room (3rd Floor)
- November 16th : Texas School for the Blind & Visually Impaired, 1100 W 45th St
- December 5th: Lively Middle School, 201 E Mary St
- December 6th: Montopolis Recreation Center, 1200 Montopolis Dr

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

Community Engagement
Fall 2023



Workshops

Facilitated conversations with interactive exercises to discuss topics that will inform design



Experience based Engagement

Leveraging community partnerships to expand reach to more communities and connect with people in more creative and engaging ways



Digital Tools

Engaging people in new ways to increase reach and inspire new riders



THANK YOU

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