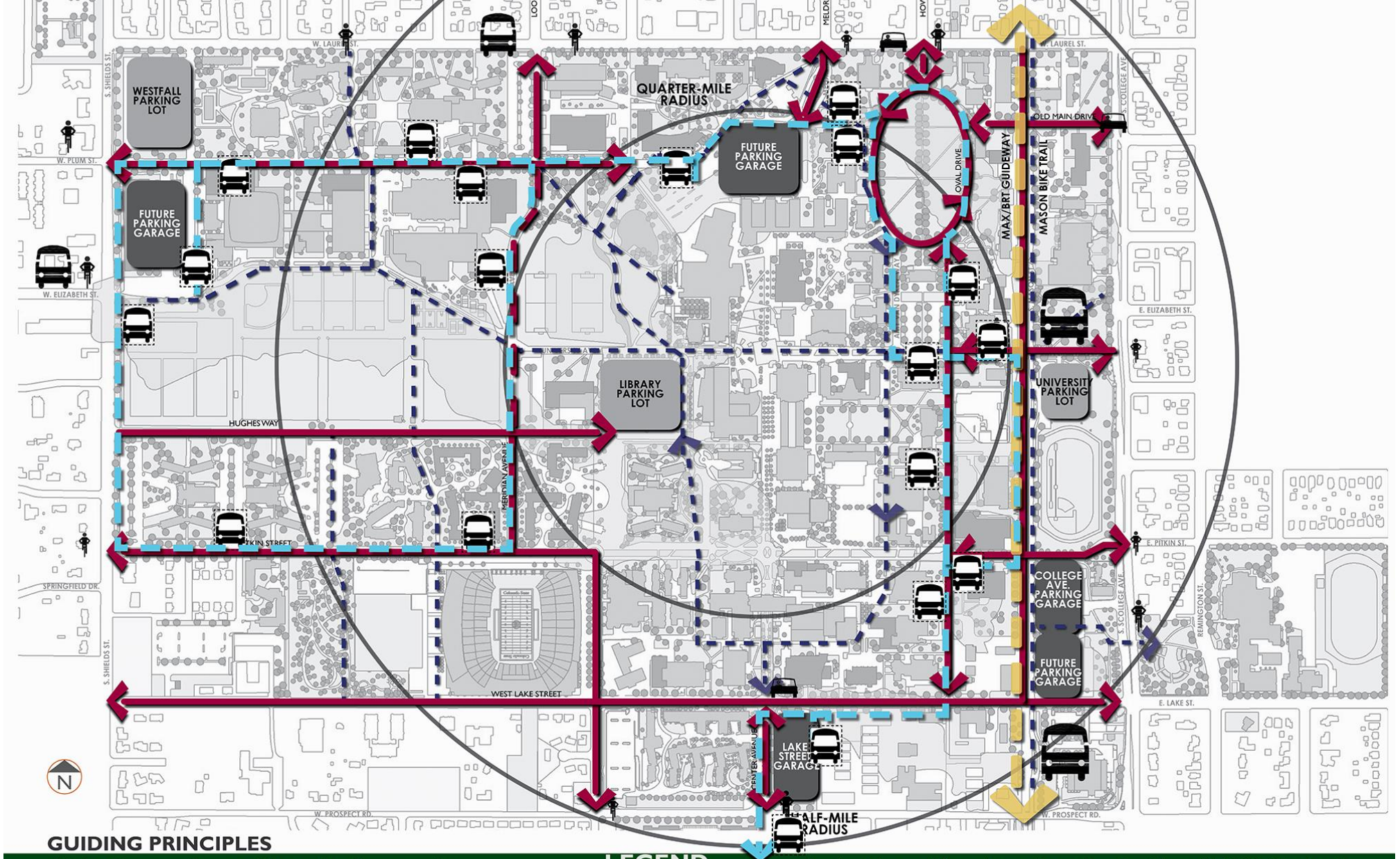
Covered Transit Shelters

Facilities Management Priority #3



GUIDING PRINCIPLES

- Make Campus Permeable to the Community
- Maintain Vehicle Access
- Provide Parking at Campus Edges + Key Internal Locations
- Establish Mass Transit Centers
- Develop Internal Campus Transit
- Maximize Alternative Modes of Transportation

LEGEND

- Bike Path
- Bike Lane
- MAX Bus Rapid Transit
- Around the Horn
- Campus Shuttle

Pedestrian + Bicycles + Transit + Parking: 35,000 Students

MAIN CAMPUS: FRAMEWORK DIAGRAM

12-2014

Colorado State University

The Horn

- **Route has been extended twice, based on needs and student requests**
- **Route serves all resident halls and perimeter parking lots**
- **As of November 2018: 340,697 boardings**

	CSU Ridership	Green	Gold	Horn	MAX	Total
2003	296,667					296,667
2004	510,597					510,597
2005	525,544					525,544
2006	516,682					516,682
2007	527,136					527,136
2008	615,311					615,311
2009	662,468					662,468
2010	691,030					691,030
2011	736,955					736,955
2012	786,891	17,061				803,952
2013	833,323	21,098				854,421
2014	605,074	16,001	5,702	59,242	227,379	913,398
2015	921,516	12,807	3,153	214,249	396,464	1,548,189
2016	1,131,044		7,805	300,752	560,290	1,999,891
2017	1,210,372		7,588	334,106	588,515	2,140,581

Current Transfort stop on campus

- **Signage**
- **Bench (*in a few instances*)**
- **Bike parking via adjacent infrastructure**
- **Site lighting via adjacent walks & street poles**
- **Realtime bus information provided via app, texting or QR**
- **Maintained by Transfort**

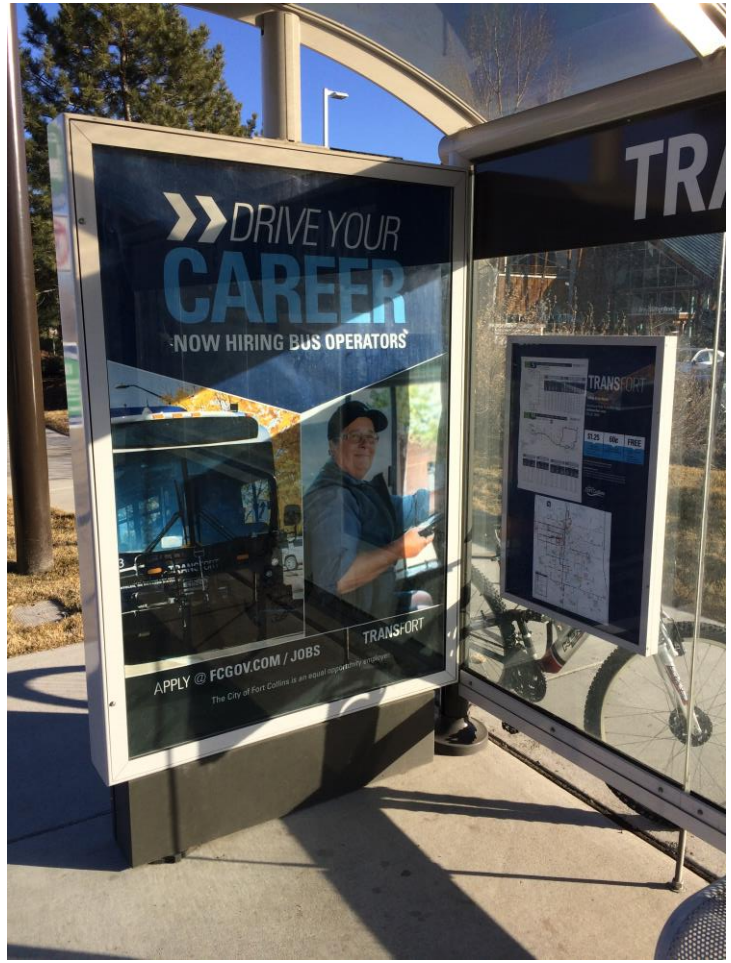
Current Transfort Standard Shelter

- **4’ Deep x 15’ Long x 9’ Tall**
- **Bench**
- **Trash-Recycle Containers**
- **LED lighting – PV powered**

<u>Benefits:</u>

- **Protection during in climate weather**
- **Wind barrier (esp. Foothills Campus)**
- **Campus wayfinding opportunity**
- **Commonality in Transfort system branding**

Transfort system goal to have as many shelters as possible throughout the community for the benefit of their riders.



Signage Panel – 4’x6’

- **Optionally illuminated**
- **Advertising**
- **Wayfinding**

Realtime Bus arrival information

- **Low voltage power from PV**
- **Cellular communication with Transfort hub**

W. Plum St.
Provides for large resident housing use as well as remote campus parking lot.
University Ave.
Provides for transfer from MAX and is a well boarded location.
W. Lake St.
Provides for access to South Campus and is a heavily boarded location.
LEGEND
Proposed covered transit stop
FACILITIES MANAGEMENT
AT COLORADO STATE UNIVERSITY
Colorado State University
Google

Estimated Project Budget:

- **Bus Shelter with bench:** *$18,000*
- **Concrete Pad:** *$2,200*
- **Trash & Recycle Containers** *$1,400*
- **Irrigation adjustments** *$1,500*
- **Install labor** *$2,400*
- **Trash & Recycle Containers** *$1,400*
- **Contingency** *$3,000*
- **Administrative Costs:** *$5,500*

REQUESTED TOTAL: *$34,000 ea.*

*Alternate additional item: Real time us arrival signage $5,000 ea.