

# New Minneapolis Bus Garage

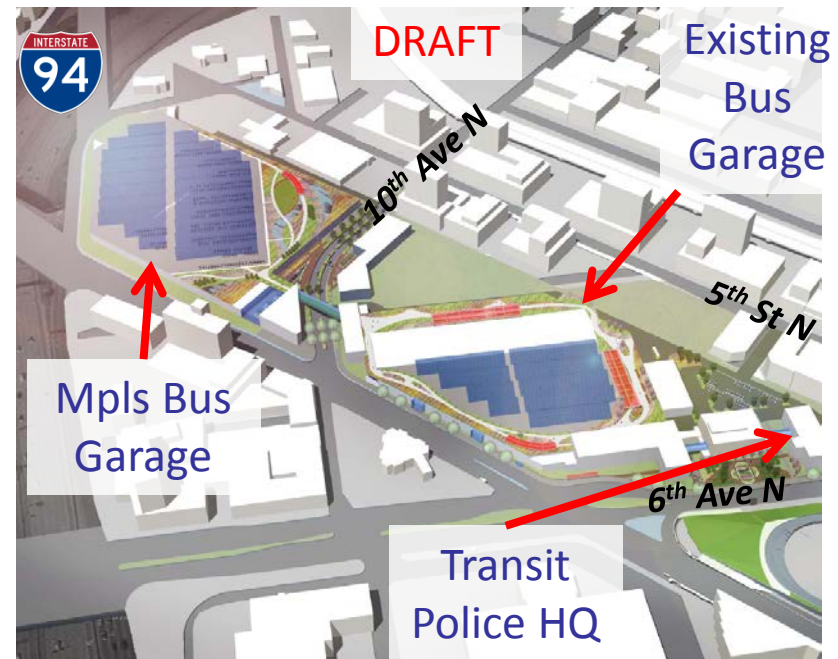


Robert Rimstad  
Project Manager  
Engineering and Facilities

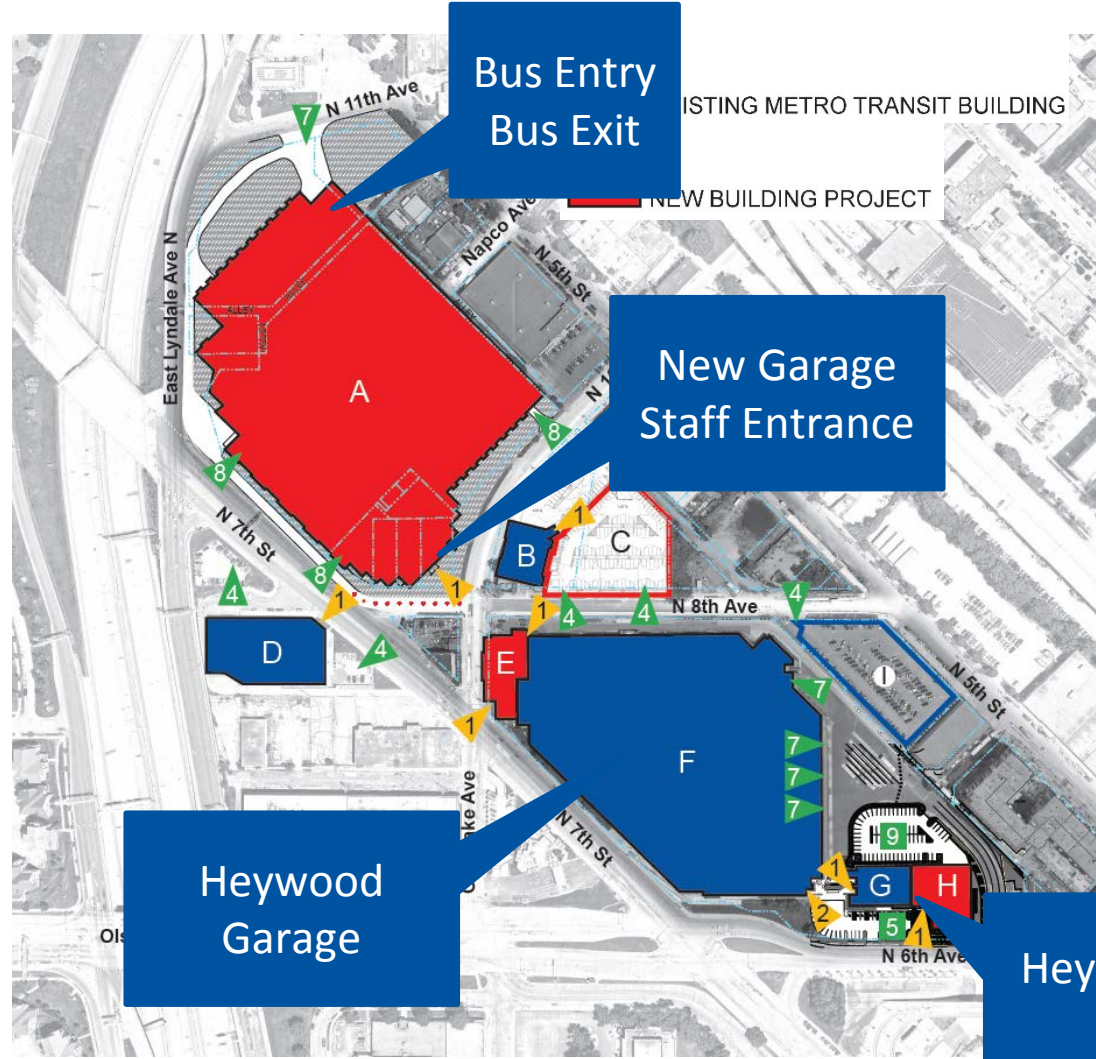
Transportation Committee, December 11, 2017

# New Minneapolis Garage Project Description

- 10 acre site in edge of North Loop just west of downtown Minneapolis
- 400,000 square foot bus maintenance and storage facility
- Storage space for 216 buses
  - Approximately 20 maintenance bays
- 400+ living wage jobs at full capacity
- 300+ construction jobs



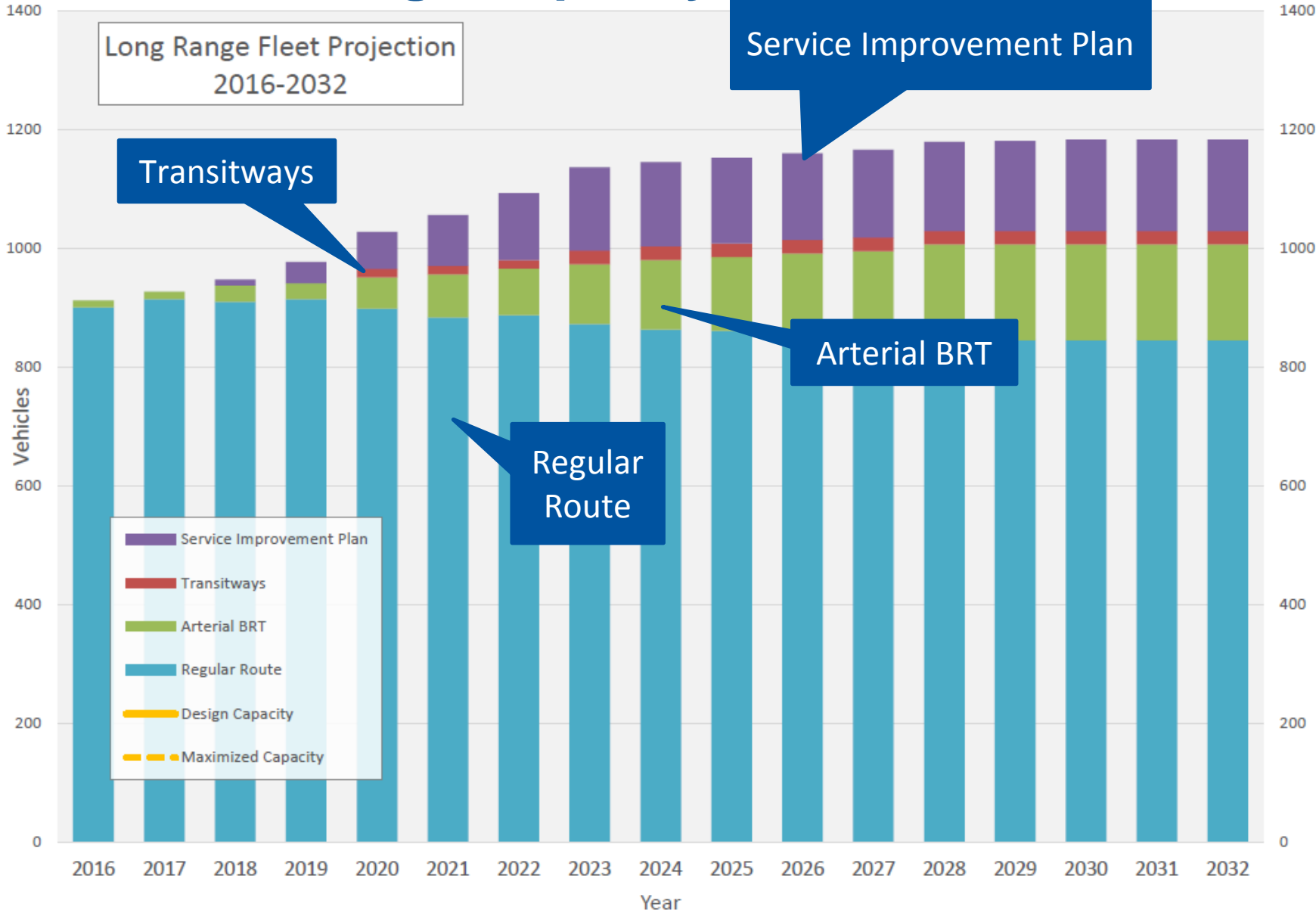
# New Minneapolis Garage at Heywood Campus



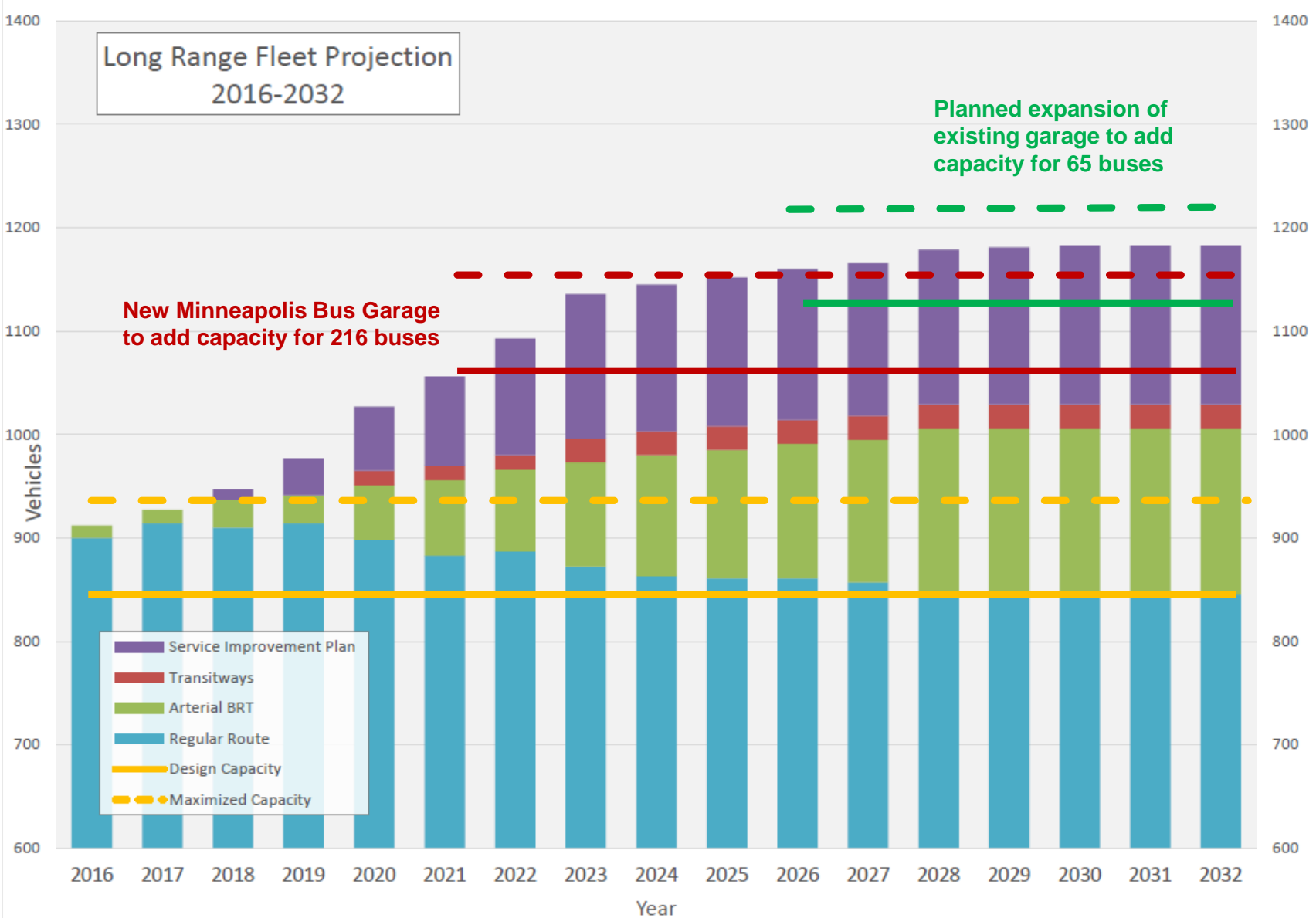
## Benefits of Campus Location

- Central to many bus routes
  - Efficient departure
  - Easily accessed by operators
- Close to North Minneapolis, a focus area for recruitment
- Adjacent to additional support services, such as main offices and TCC

# Fleet size and Garage Capacity



# Fleet size and Garage Capacity



# New Minneapolis Garage Design Facts

- Engineering phase at ~65%
- 400,000 sq. ft., two level facility
  - Staff parking at street level on Oak Lake Lane
  - Main bus level at elevation of 11<sup>th</sup> Avenue North
- 24 Maintenance Bays, 216 bus capacity
- Sustainability goals
  - Electric bus ready
  - Solar thermal wall and future rooftop array
  - Rain water use
  - Energy Efficient; <50 kBtu/sf/yr





# New Minneapolis Garage design facts

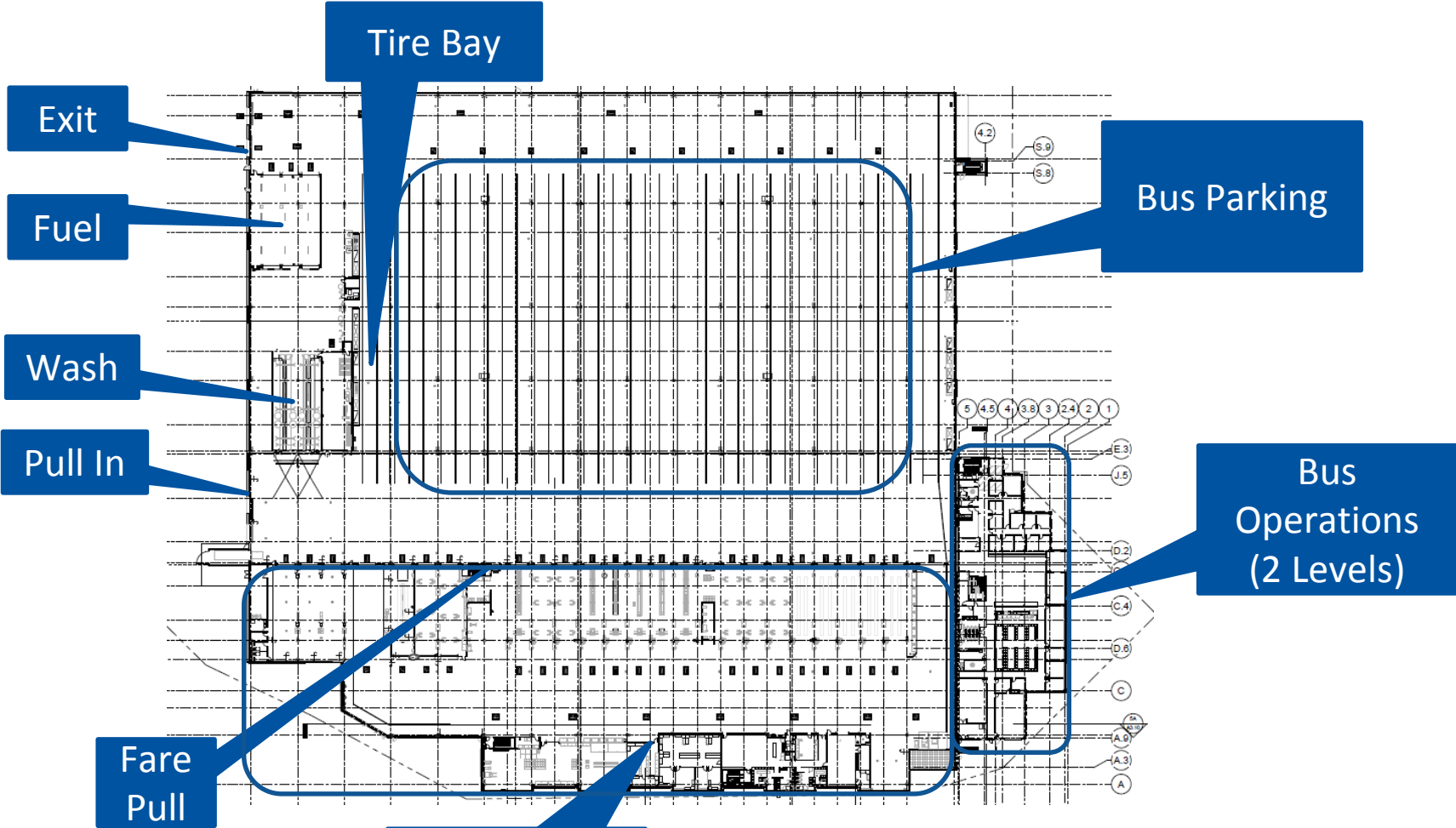
- Next generation Maintenance Facility
  - 100% Wi-Fi coverage throughout
  - Maintenance lifts accommodate all fleet types
  - Facility better support Preventative Maintenance Program
- Operational & technical advisory team

## Thrive Outcomes

- Sustainability/Stewardship
- Equity
- Livability



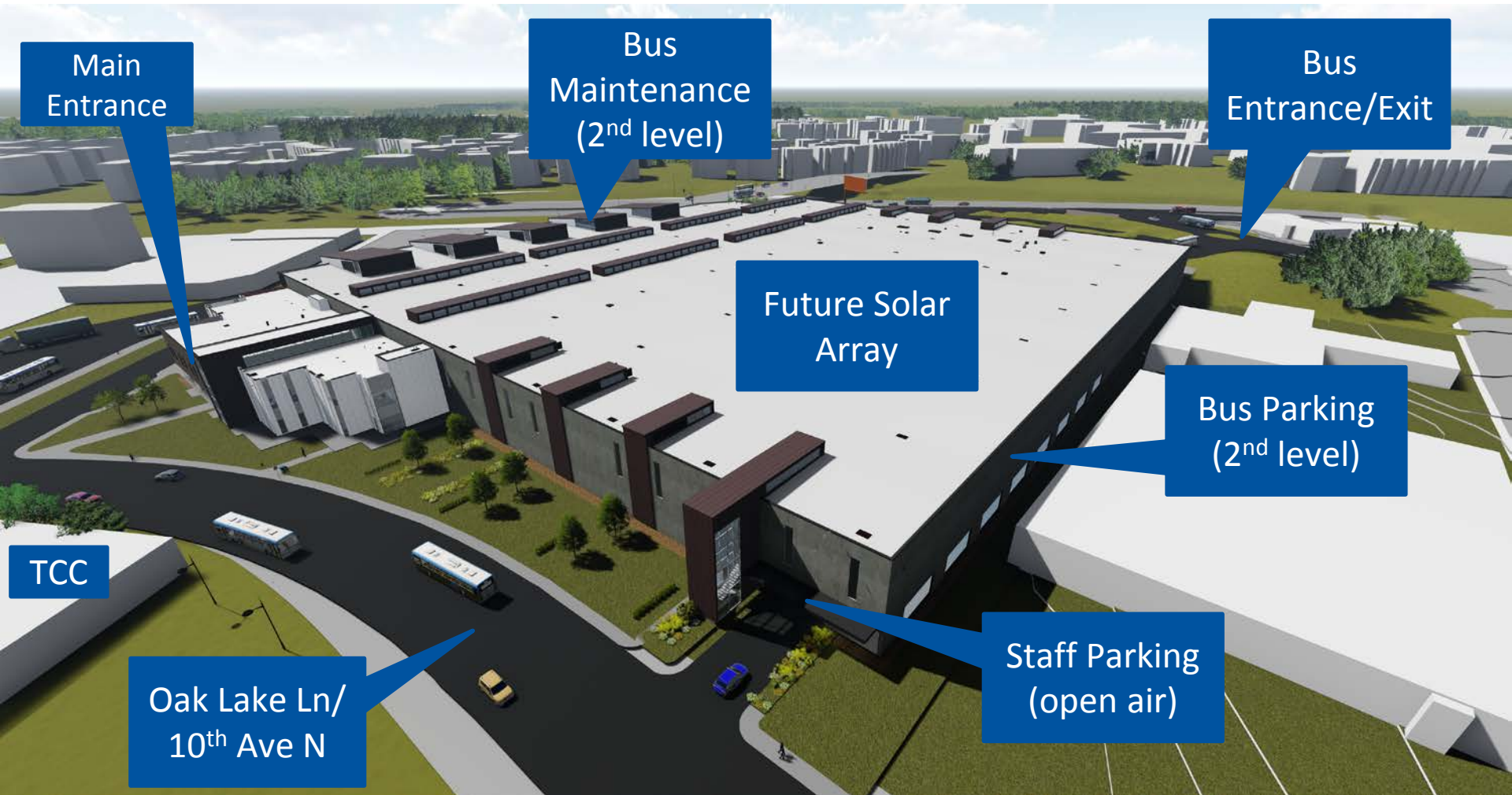
# Main Level Layout





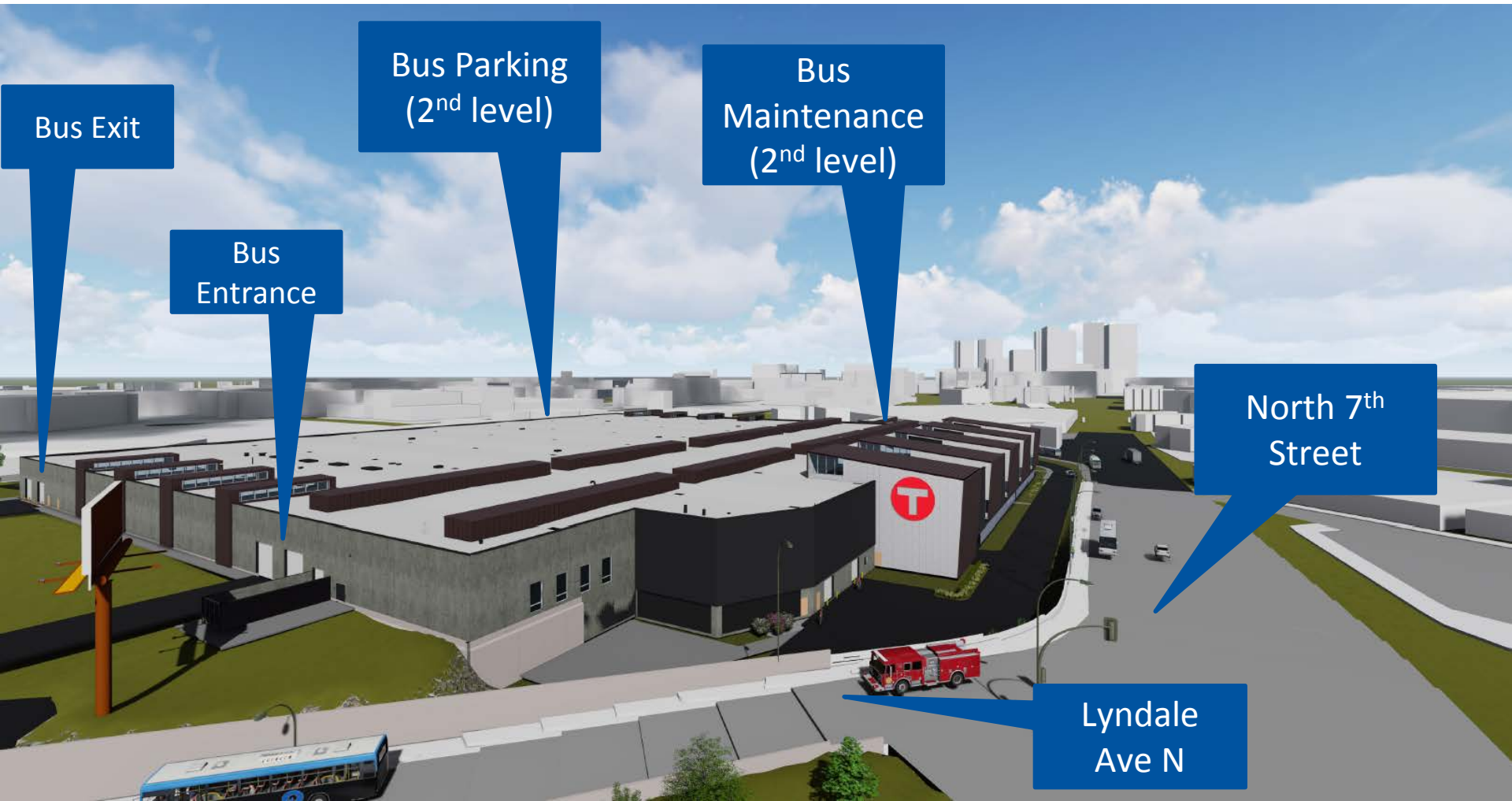


# Preliminary Garage Renderings *Aerial View from East*





# Preliminary Garage Renderings *Aerial View from West*



# Project Schedule Overview

	2006	2009	2011	2015	2016	2017	2018	2019	2021
<b>Land Purchase</b>	8 Acre Site				2 Acre Site				
<b>Demolition/Site Prep</b>		8 Acre Site				2 acre site			
<b>Engineering</b>			Prelim. Concept Design	Heywood Campus Plan	SD Design	DD/CD Design	CD Complete		
<b>Construction</b>								Bid and Award	Finish Constr.
<b>Operate Service</b>									Opening

# Funding Overview

## Budget (millions)

Land Purchase:	\$ 11.0
Engineering:	\$ 8.0
Management:	\$ 4.0
Site Prep:	\$ 5.0
<u>Construction:*</u>	<u>\$ 88.9</u>
<b>Total:</b>	<b>\$ 116.9</b>

## Funding (millions)

Met Council	\$11.65
Current Federal:**	\$ 8.25
Regional Solicit (CMAQ):**	\$ 8.75
FTA 5307 Formula Funds:**	\$10.75
FY 17 FTA 5339(b):**	\$ 27.5
<u>2018 State Bonds:</u>	<u>\$ 50.0</u>
<b>Total:</b>	<b>\$116.9</b>

\*Includes inflation to 2019-2020 and construction contingency.

\*\*Includes local match to Federal Funds

# Questions



<https://www.metrotransit.org/campus-construction>