



Minneapolis Bus Garage – Construction Update

Business Item 2022-004

Mobile Column Lifts for Minneapolis Bus Garage, Contract 21P382

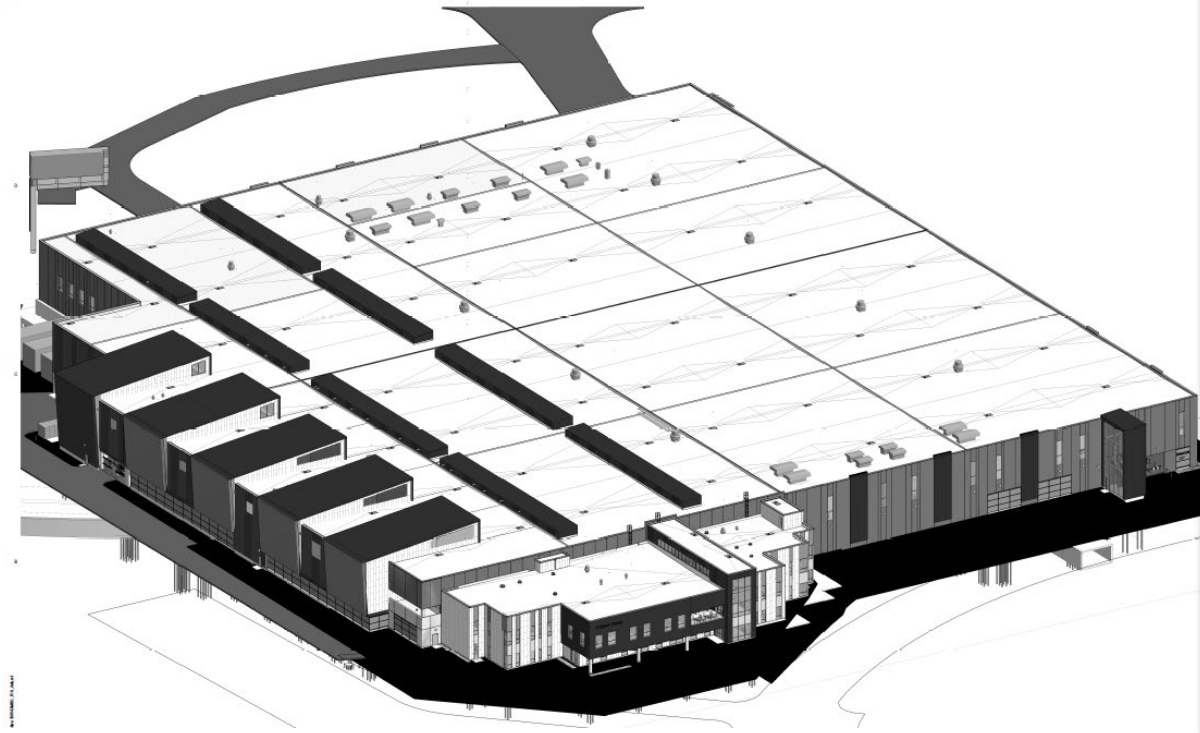
Robert Rimstad, Manager, Engineering Services

Lisa Kline, Manager, Construction Services

Stan Owens, Principal Contract Administrator

1

January 24, 2022



Minneapolis Garage Facts:

Building

- Level 1 – Parking/Revenue Proc: ~263,000 Sq. Ft
- Level 2 – Garage/Office: ~313,000 Sq. Ft

Total Building: 576,000 Sq. Ft

Parking

- Parking: Approx. 492 spaces

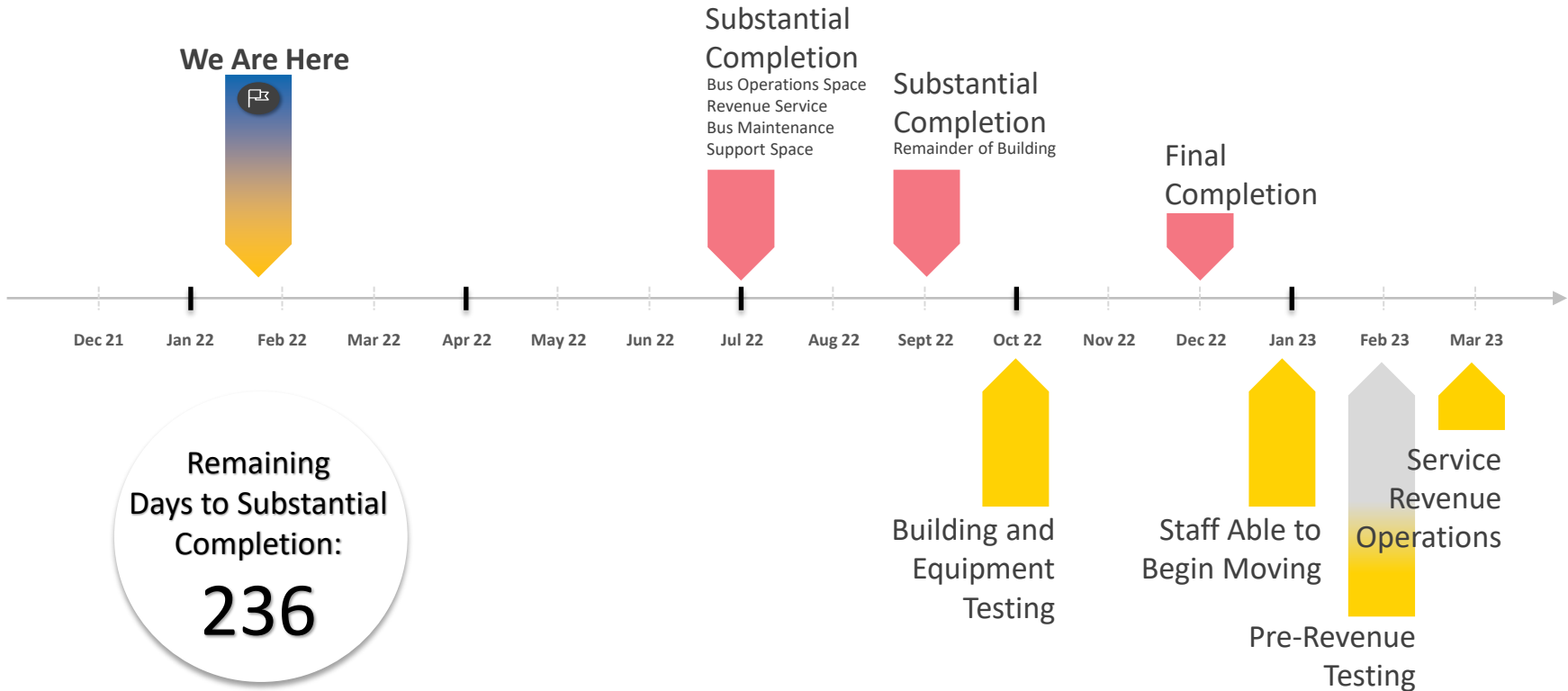
Maintenance

- 3 Fuel Bays
- 2 Wash Bays
- 3 Clean Bays
- 2 AC Bays
- 11 Repair Bays
- Chassis Wash
- 5 PM Bays

Buses

- Designed for Approx. 216 buses

Construction Milestones



Implementation Milestones



Pre-cast Wall Installation

**June
2021**



Finished Exterior of the South Wall

**October
2021**



Exterior Wall Finishing

**August
2021**



Completed Retaining Wall

**December
2021**



Pre-cast Roof

**June
2021**



Wrapping up the Installation of a Roof Section

**October
2021**



Waterproofing and Insulation Installation

**August
2021**



Snow on Completed Section of Roof

**December
2021**

Street Level - Parking



Street Level Parking Area

**June
2021**



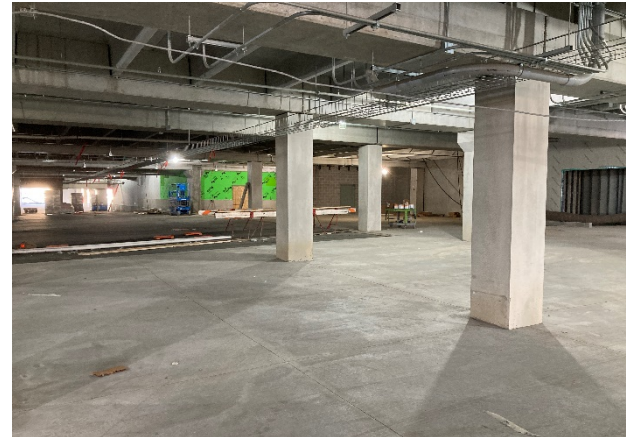
Parking Area Pavement Installation

**October
2021**



Street Level Parking Area

**August
2021**



Street Level After Concrete and Paving Installation

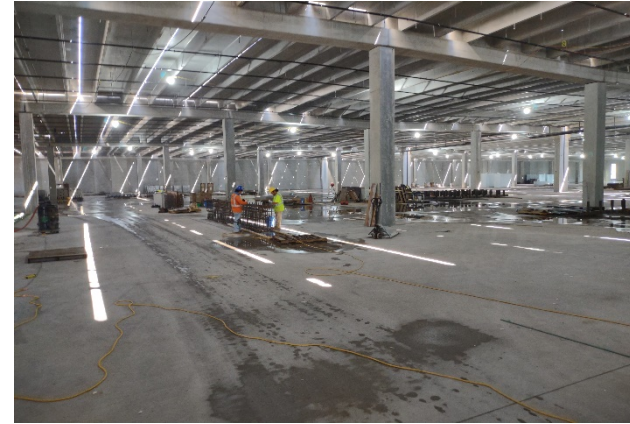
**December
2021**

Main Level – Bus Storage



Insulation of Main Level

**June
2021**



Concrete Slab Complete

**October
2021**



Concrete Slab Installation

**August
2021**



Interior Wall Installation Complete

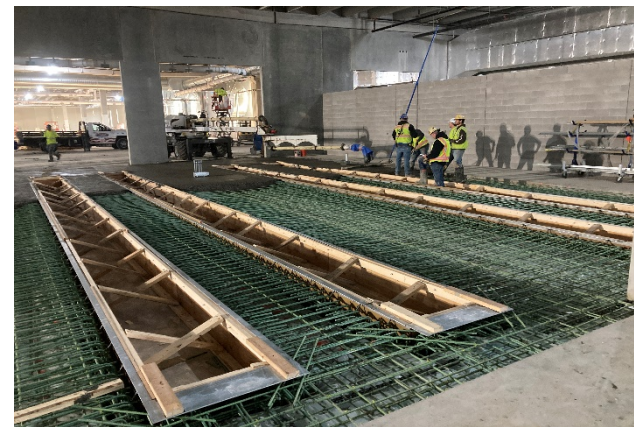
**December
2021**

Main Level – Bus Maintenance



Pre-cast Concrete Flooring

**June
2021**



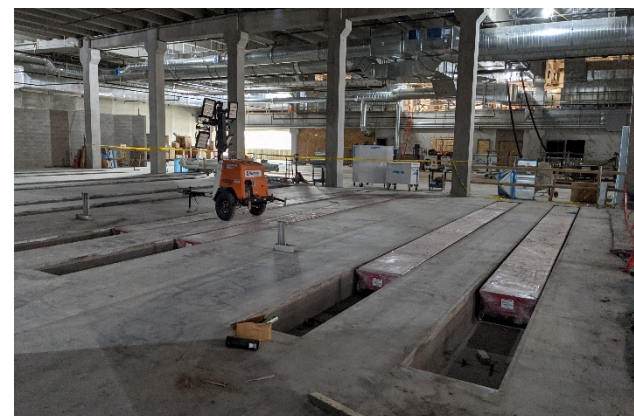
Concrete Slab Installation Preparation

**October
2021**



Insulation Installation

**August
2021**



Completed Concrete Slab Installation

**December
2021**

Main Level – Mechanical Mezzanine



Mechanical Mezzanine Pre-Ductwork

**June
2021**



Construction within Mechanical Mezzanine

**October
2021**



Ductwork Installation

**August
2021**



Construction within Mechanical Mezzanine

**December
2021**

Two-Story Office Space



**June
2021**

Framing of Kitchen Area



**October
2021**

Kitchen Cabinet Installation



**August
2021**

Patio Area of Office Space



**December
2021**

First Floor Entrance

Total Project Budget & Funding



Budget (millions)

Land/Site Prep:	\$ 12.7
Design/Mgmt:	\$ 12.0
Construction:	\$ 119.7
Contingency:	\$ 5.2
Equipment:	\$ 5.5
<u>Future Projects*:</u>	<u>\$ 8.5</u>
Total:	\$ 163.6

Funding (millions)

Local Funding:	\$ 85.9
Federal Funding:	\$ 77.3
<u>MWMO:</u>	<u>\$ 0.4</u>
Total:	\$163.6

*Low-No 2MW solar array, 2MW battery storage, 2 quick chargers in garage.

DBE Participation



- Construction Goal/Commitment: 15%/15.4%
 - 19 DBE Subcontractors



Concrete Pumping – DBE

- ITL Goal/Commitment: 10%/10%
 - 1 DBE Subcontractor



Roofing installation - DBE

Business Item 2022-004
Mobile Column Lifts for Minneapolis Bus Garage
Contract 21P382

- Procuring a total of seven sets for repair bays
- Wireless Mobile Column Lifts
- Adjustable pick-up forks
- Allow you to safely lift buses quickly and efficiently.
- Lifting capacities range from 14,000 lbs. to 40,000 lbs. per column.
- Safe mechanical locking system as standard



OHB (Maintenance area)



MBG (Maintenance area)

Proposed Action

- That the Metropolitan Council authorize the Regional Administrator to execute the purchase of Mobile Column Lifts utilizing the State of Minnesota's State Contract L-348 (5) with Steril-Koni, INC using Midwest Lift Works, LLC as the local distributor, for the Minneapolis Bus Garage system in the amount not to exceed \$542,000.