



# MADISON METRO TRANSIT

MFS 1101 Facility Study

Madison, WI



Mead&Hunt

# INTRODUCTIONS

- Madison Metro Transit
- City of Madison



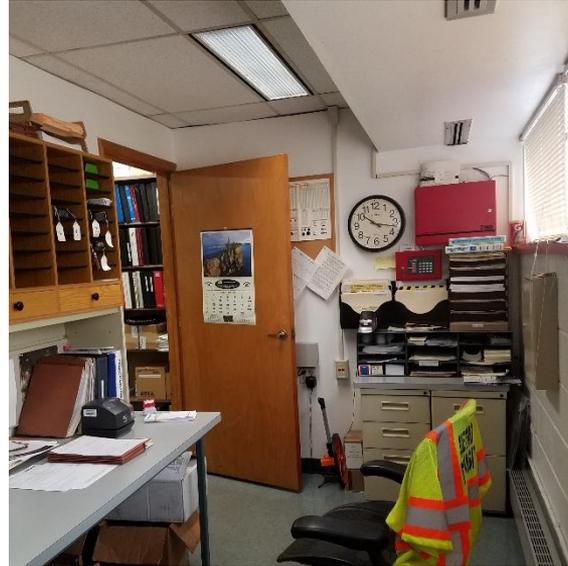
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# EXISTING SPACE



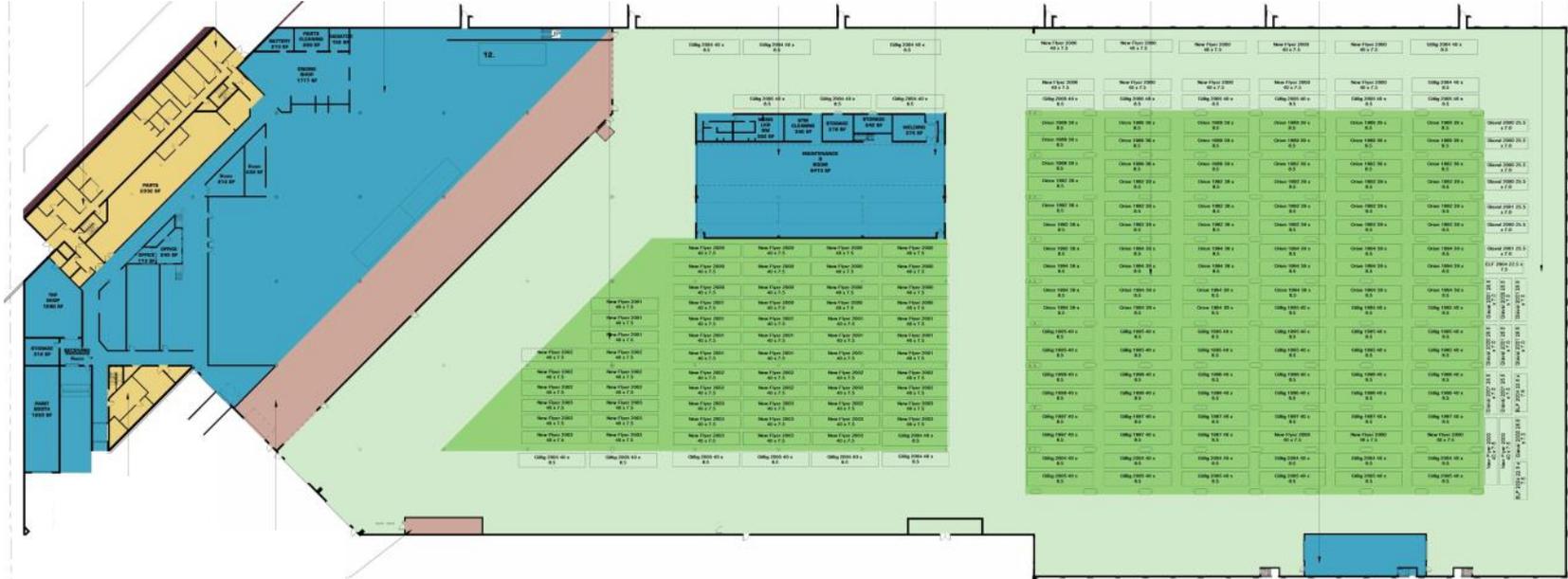
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# EXISTING SPACE



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# EXISTING SPACE



# Core Goals of the Concept Design

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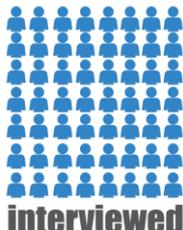
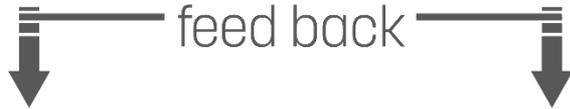
- Maintain functions generally **within the existing footprint**.
- Provide a **20-year solution** for the site.
- **Improve workflows** by reorganizing functional adjacencies.
- **Identify upgrade requirements** for utilities and life safety.
- **Staff safety and retention** are key priorities.
- Reorganize bus traffic flow for **Left-Hand turns** in lieu of current Right-Hand Turns for increased safety.
- **Decreased Maintenance** are values for the City.



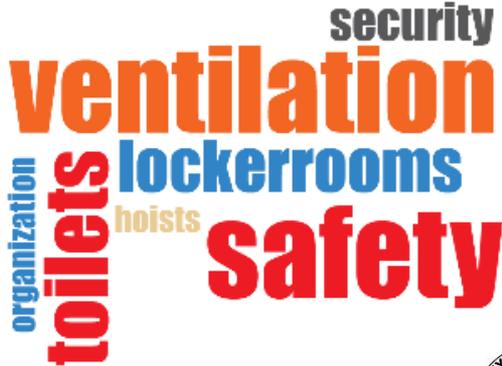
# SUMMARY OF INTERVIEWS + QUESTIONNAIRES



58



56



ventilation + safety + restrooms



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# Preferred Remodeling Option 1

Enhanced Driver Dispatch and Employee Support



23 Work Bays

Left-Hand Turn Circulation

Service Line / Wash Bay Addition

223 Parking Stalls



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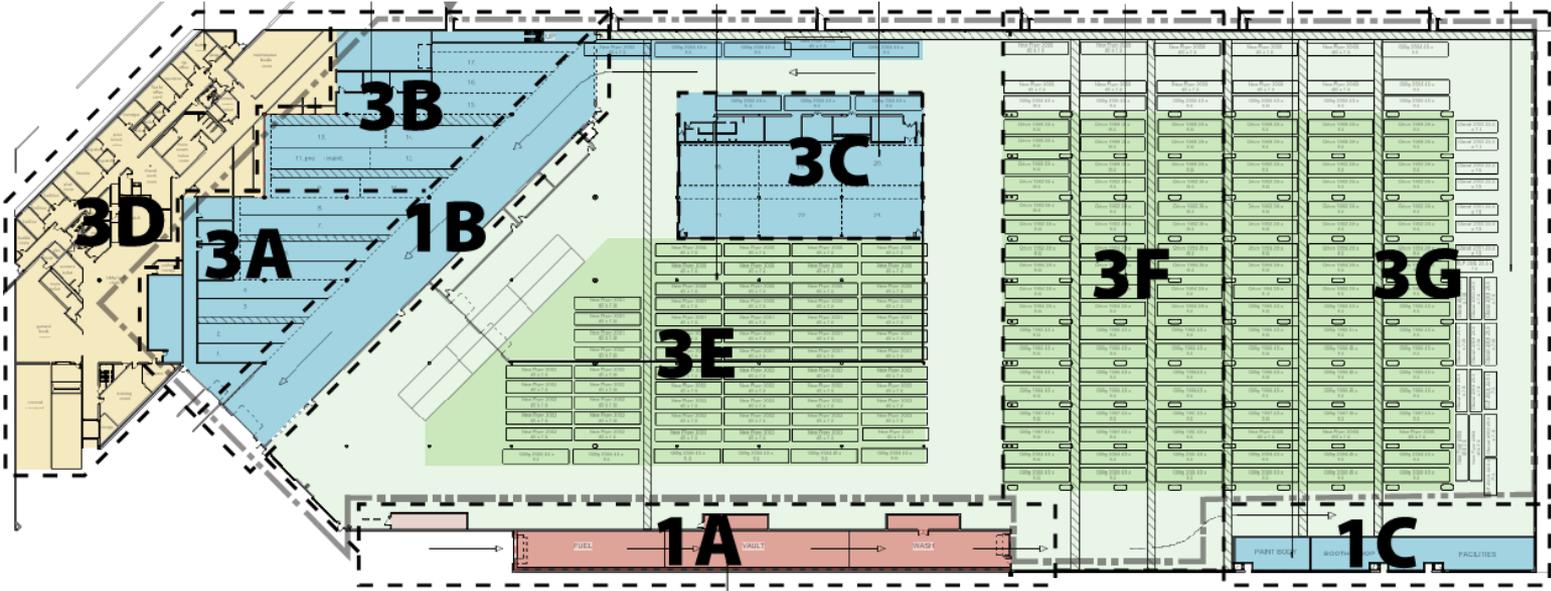
# Capital Budget/Phasing Strategy Considerations

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- Ventilation + Safety + Restrooms Priorities
- Critical Paths for System Failure and Life Safety
- On-going Bus Service/Operations maintainable through Construction
- Operational Efficiency
- Each Phase is a Stand-Alone Project
- Five-Seven Year Overall Timeline
- 2018 Roof Replacement in the works



# Phasing Plan



- 2** – BUILDING WIDE HVAC
- 4** – BUILDING WIDE MAINTENANCE



# Construction Timelines & Capital Budget Estimates\*

\*2021 can be further phased

| Year         | Phase |                              | Design             | Construction        | Equipment          |
|--------------|-------|------------------------------|--------------------|---------------------|--------------------|
| 2018         | 1     | Design: Wash/Service Line    | \$458,878          |                     |                    |
| 2019         | 1     | Wash/Service Line            |                    | \$4,681,269         |                    |
|              | 1     | Wash/Service Line Equipment  |                    |                     | \$1,260,173        |
|              | 2     | Design: HVAC                 | \$711,144          |                     |                    |
| 2020         | 2     | HVAC                         |                    | \$7,227,288         |                    |
|              | 3     | Design: Interior Renovations | \$2,438,010        |                     |                    |
| 2021         | 3     | Interior Renovations         |                    | \$24,755,843*       |                    |
|              | 3     | Renovation Eqpmt & Furniture |                    |                     | \$2,738,260        |
|              | 4     | Design: Ongoing Maintenance  | \$977,083          |                     |                    |
| 2022         | 4     | Ongoing Maintenance          |                    | \$9,911,304         |                    |
| <b>TOTAL</b> |       |                              | <b>\$4,126,238</b> | <b>\$46,575,705</b> | <b>\$3,998,434</b> |

# Evolving Needs

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- 2020 Electric Bus Grant Award
- Discussions with MGE – regarding Photovoltaic



# DISCUSSION + QUESTIONS

- Questions
- Comments



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