

Madison Metro Transit Phase 3A Maintenance and Driver Improvements

Board of Public Works, February 17th 2021

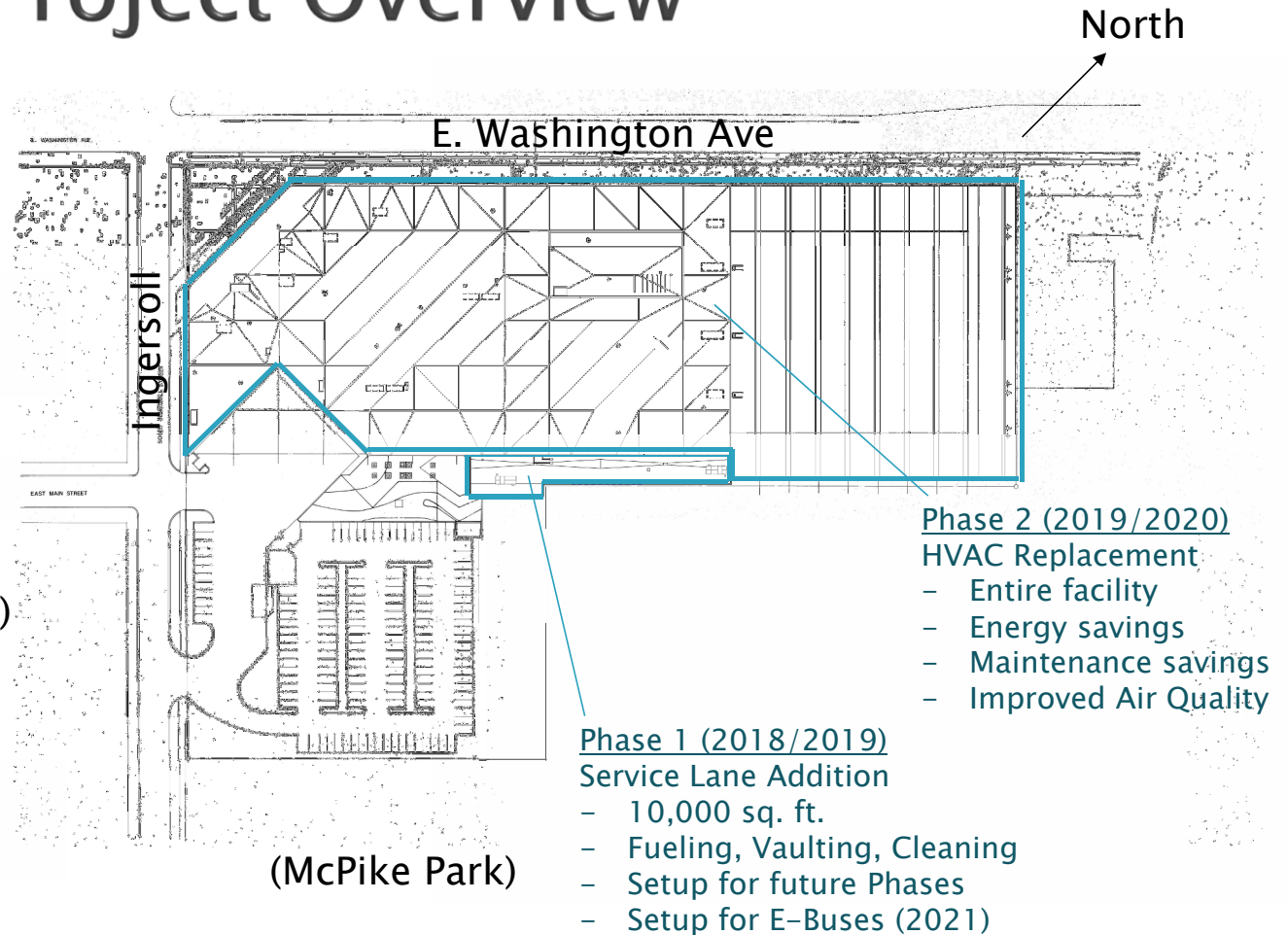
Jon Evans, PE, City Engineering Project Manager



Project Overview

1101 E. Washington Ave

- 200+ Buses
- About 400 Employees
- Bus Parking and Maint.
- 24/7/365 Operations
- Aged building infrastructure
- 6 Renovation Phases Planned
- 4 Phases Funded (1, 2, 3A, 3B)



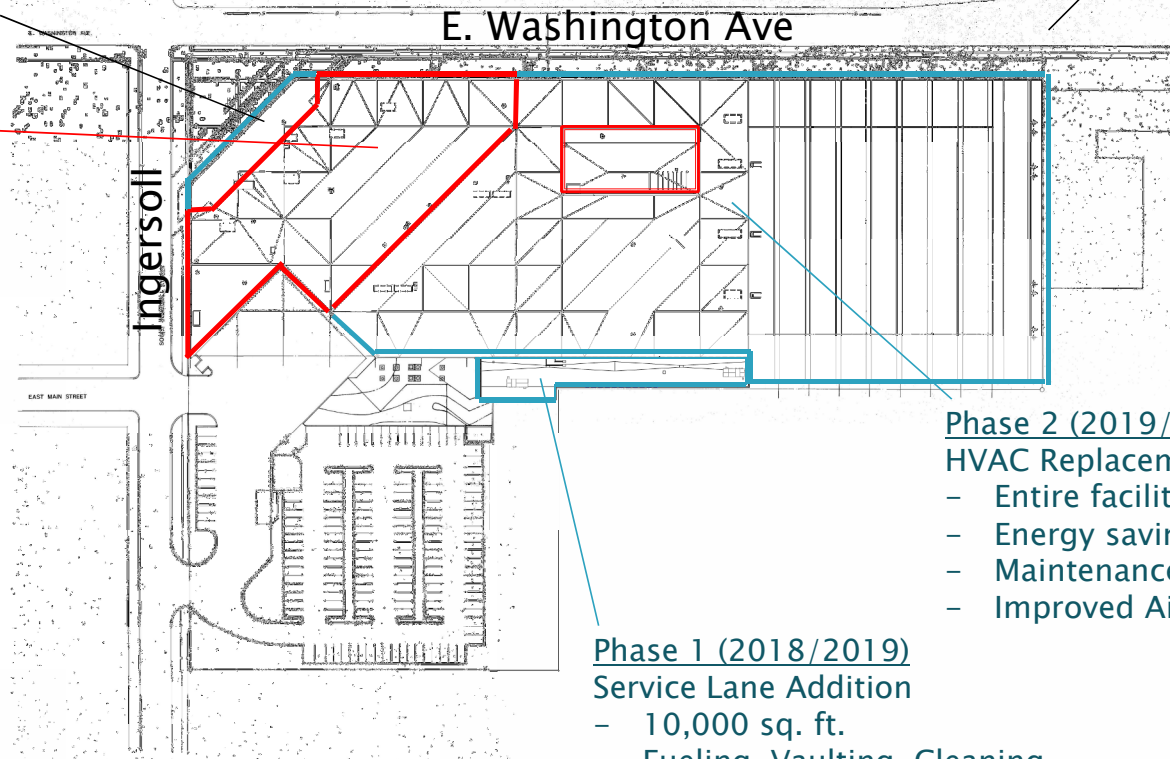
Phase 3A

North

Phase 3B (2023)
(2-story)

Phase 3A (2021/2022)

- Main Entrance
- Breakroom
- Bathrooms!
- Training Room
- Maintenance Bays
- Parts Room
- Tire Shop
- Air Compressor
- Building Systems
 - Generator
 - Boilers
 - Electrical Service
 - Water Service



(McPike Park)

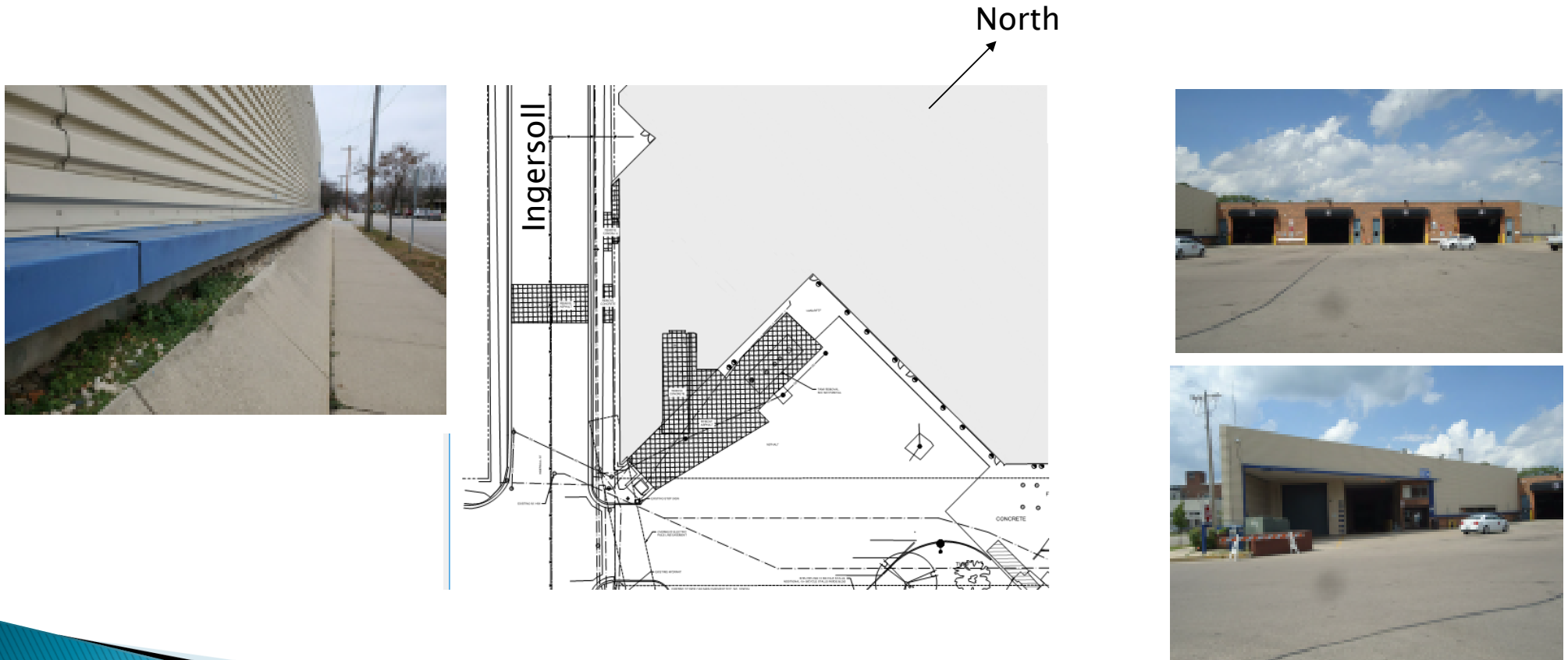
Phase 2 (2019/2020)

- HVAC Replacement
- Entire facility
 - Energy savings
 - Maintenance savings
 - Improved Air Quality

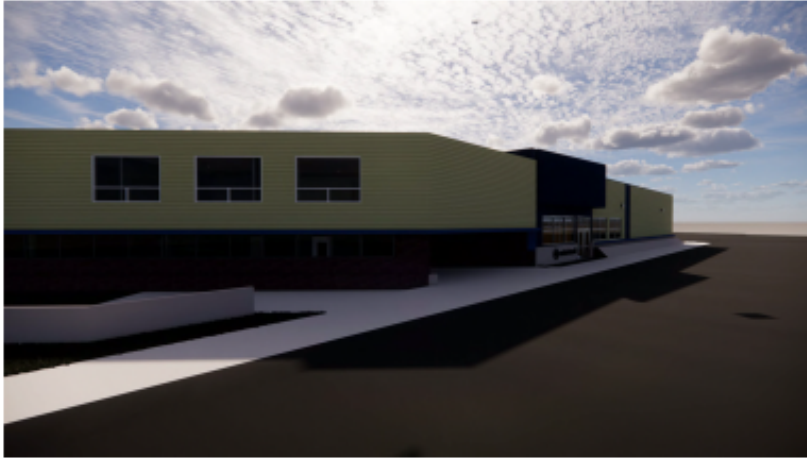
Phase 1 (2018/2019)

- Service Lane Addition
- 10,000 sq. ft.
 - Fueling, Vaulting, Cleaning
 - Setup for future Phases
 - Setup for E-Buses (2021)

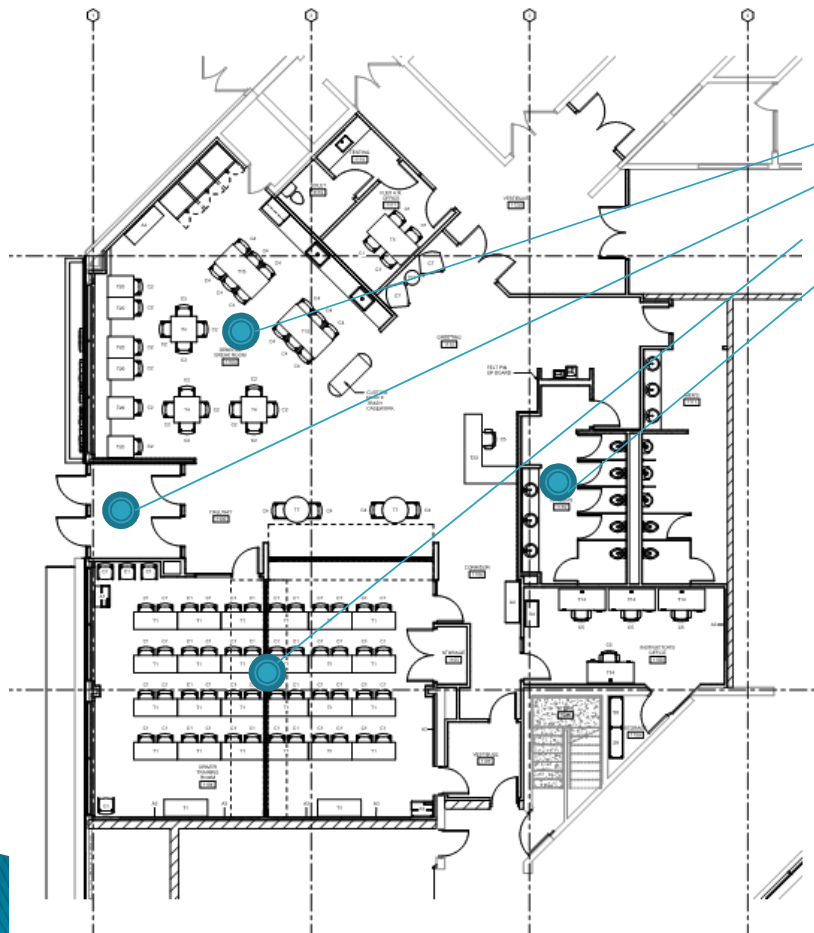
Exterior Improvements – Existing Conditions



Exterior Improvements – New Main Entrance

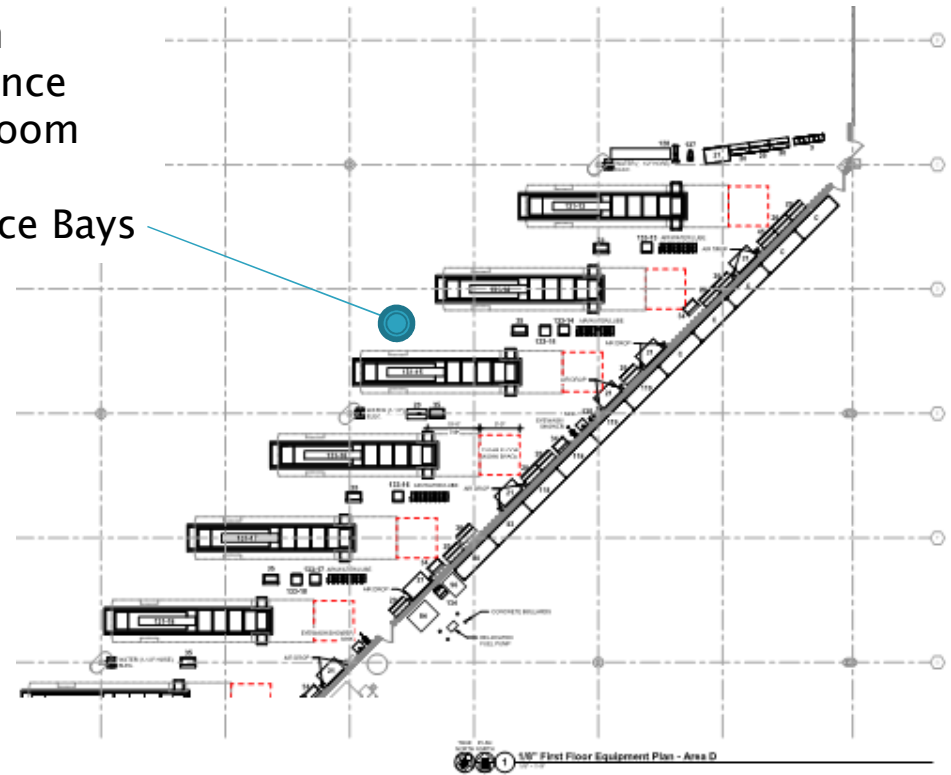


Some Key Features in Detail



1/4\" First Floor Furniture Plan -

Breakroom
Main Entrance
Training Room
Bathrooms
Maintenance Bays



1/8\" First Floor Equipment Plan - Area D

Overall Planning, Phasing and Budgets

	<u>*Phase</u>	<u>Year</u>	<u>*2021 CIP</u>	<u>*Budget</u>
	Phase 0 – New Roof	Design 2018, Construction 2018	–	***
2017 RFP	Phase 1 – Service Lane / E-Bus	Design 2018, Construction 2019	–	***
	Phase 2 – HVAC Systems	Design 2018/19, Construction 2020	–	***
	Phase 3A – Driver/Maintenance	Design 2020/21, Construction 2021/22	2021	\$10.8M
2019 RFP	<i>Pause renovation work in 2022</i>			
	Phase 3B – Admin/Dispatch	Design 2022, Construction 2023	2023	\$10.0M
	Phase 3C – Bus Storage	**Horizon	**Horizon	\$TBD
	Phase 4 – Exterior	**Horizon	**Horizon	\$TBD
			TOTAL	\$20.8M

* Budget and (Phasing) above based on 2018 Facility Study and 2021 Executive Capital Budget

** “Horizon” means project is not included in 5 year CIP, but planning is occurring

*** Previous CIP – \$8.4M for Phase 2, \$7.6M for Phase 1 and \$1.5M for Phase 0

Phase 3 Construction Budget

<u>Task</u>	<u>\$</u>	<u>CIP</u>
2021 Phase 3 Construction (inc 8%)	\$10,600,000	2021
Professional Services	\$100,000	
Development/Misc. Costs	\$25,000	
Furnishings/Fixtures/Equipment	\$250,000	
TOTAL	\$10,975,000	
2021 Design (Phase 3A)	\$579,000	2020

Other Metro Happenings....

Adding more Solar to Roof

Currently have 360 kW

By end of 2022 will have 480 kW

Putting 3 Electric Buses into Service

Anticipate them being on routes in March

Satellite Facility

Former Fed Ex Facility on Hanson Rd (near Airport)

Not pursuing Oscar Meyer site anymore

Former Fed Ex site is simpler, faster and cheaper