


1101 E. Washington Ave Phase 1 – Wash Bay Addition

Transportation Commission, October 24th 2018

Jon Evans, PE, City Engineering Project Manager



Agenda

- ▶ Project Overview
 - ▶ Floor Plan
 - ▶ Interior and Exterior Rendering
 - ▶ Phasing and Budget
- 

Project Overview

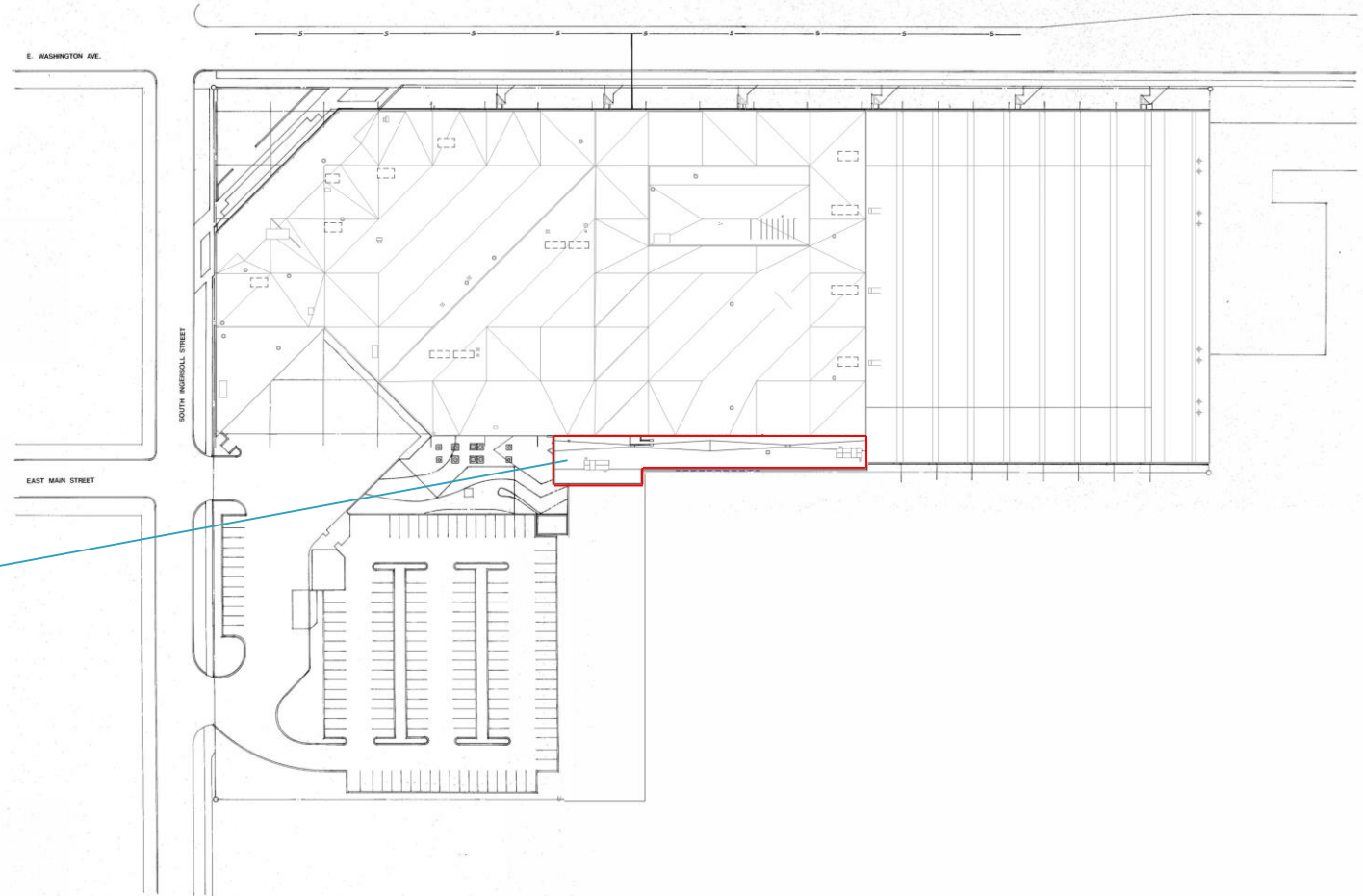
Metro Bus Barn

- 200+ Buses
- 24/7/365 Operations
- Aged building infrastructure
- 6 Renovation Phases

Phase 1

Service Lane Addition

- 10, 000 sq. ft.
- Fueling, Vaulting, Cleaning
- Setup for future Phases
- Setup for E-Buses (2020)

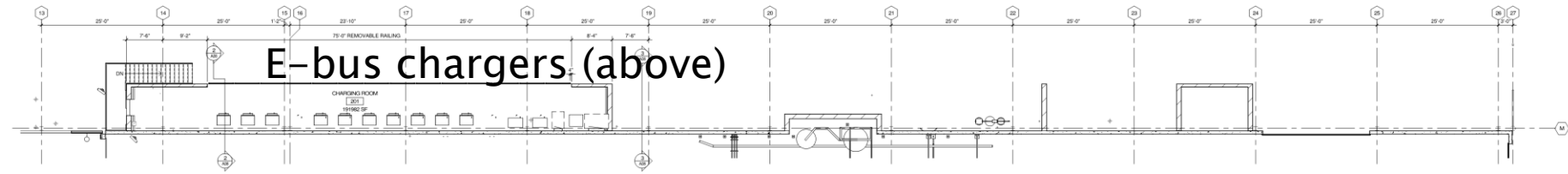


CITY OF MADISON
METRO TRANSIT - SERVICE LANE ADDITION
PROPOSED SITE
03 OCTOBER 2018

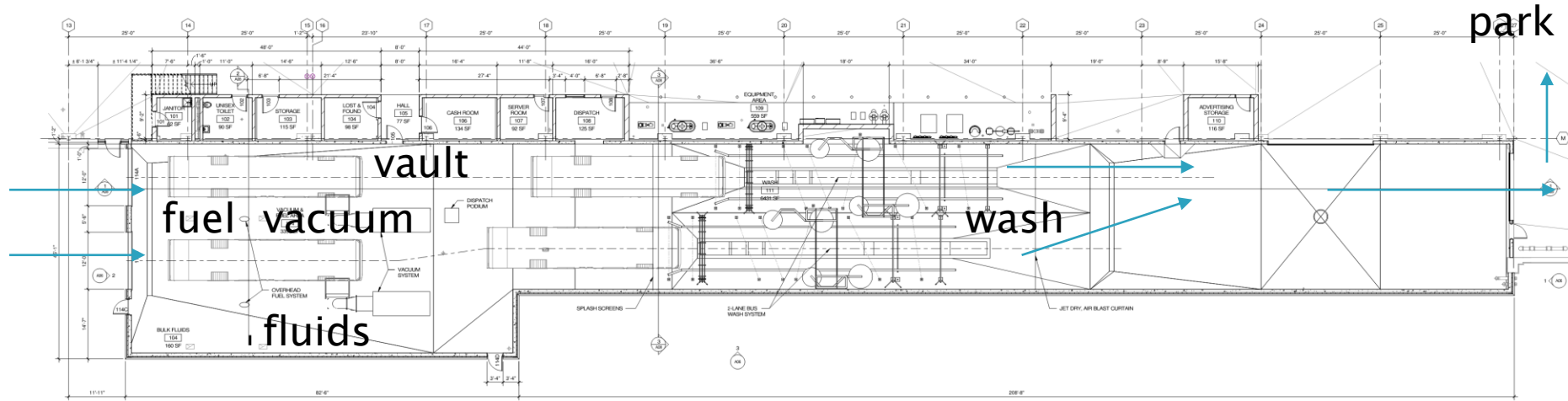


Plan View

- Mostly 2nd/3rd Shift
- Each bus, each day
- Improves Worker health and safety
- Improves Worker productivity
- Improves cleanliness of buses for customers



TRUE PLAN NORTH/UP
3 EQUIPMENT PLATFORM PLAN
1/8" = 1'-0"



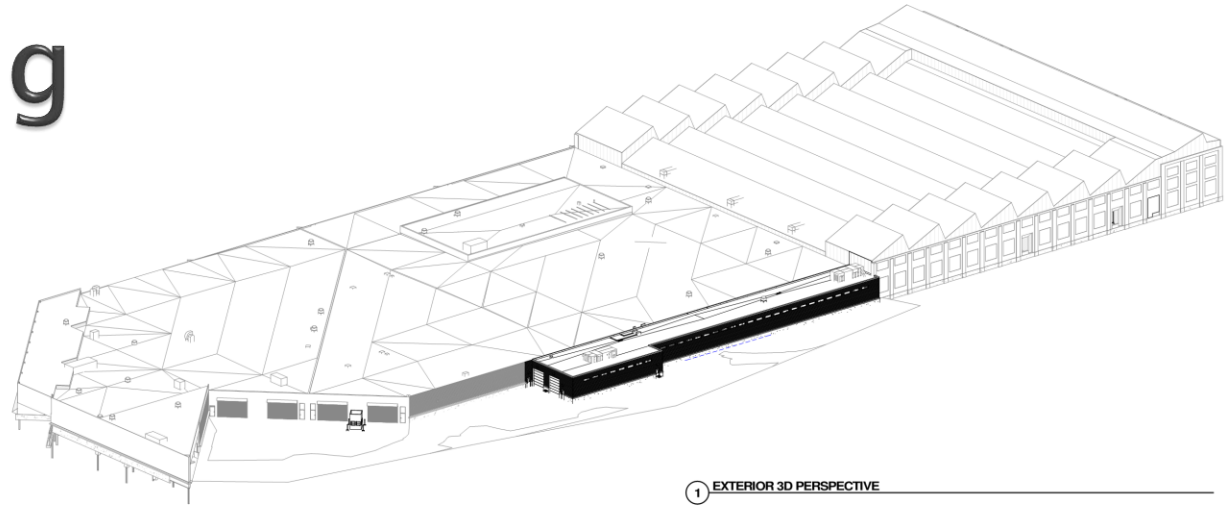
TRUE PLAN NORTH/UP
1 FIRST FLOOR PLAN - AREA A & B
1/8" = 1'-0"



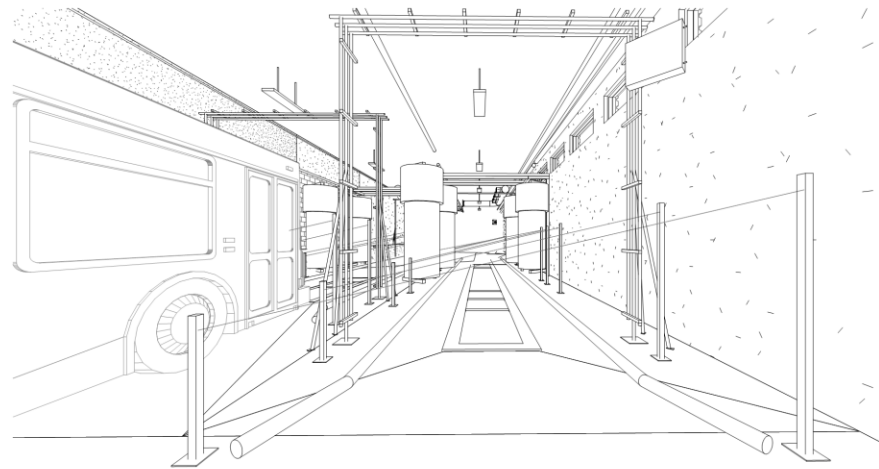
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METRO TRANSIT - SERVICE LANE ADDITION
PROPOSED FLOOR PLANS - AREA A & B
03 OCTOBER 2018



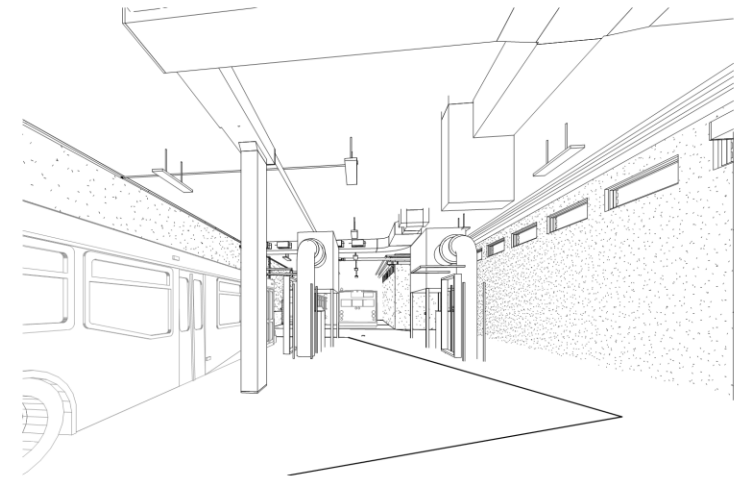
Interior Rendering



1 EXTERIOR 3D PERSPECTIVE



3 INTERIOR 3D PERSPECTIVE - WASH BAY



2 INTERIOR 3D PERSPECTIVE - VACUUM AREA



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METRO TRANSIT - SERVICE LANE ADDITION
3D VIEWS
03 OCTOBER 2018



Exterior Rendering



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METRO TRANSIT - SERVICE LANE ADDITION
3D RENDERING
03 OCTOBER 2018



Overall Phasing and Budgets

<u>Phase</u>	<u>Year</u>	<u>CIP</u>	<u>Budget</u>
Phase 0 – New Roof	Design 2018, Construction 2018	2018	\$1.5M
Phase 1 (1) – Service Lane / E-Bus	Design 2018, Construction 2019	2019	\$7.0M
Phase 2 (2)– HVAC Systems	Design 2018/19, Construction 2020	2020	\$8.2M
Phase 3 (3A) – Maintenance Bays	Design 2020, Construction 2021	2021	\$12.8M
Phase 4 (3B) – Admin/Dispatch	Design 2021, Construction 2022	2022	\$11.2M
Phase 5 (3C) – Bus Storage	Design 2022, Construction 2023	2023	\$7.8M
Phase 6 (4) – Exterior	Design 2023, Construction 2024	2024	\$10.0M
		TOTAL	\$58.5M

- * Budget and (Phasing) above based on 2018 Facility Study and 2019 Executive Capital Budget
- * 2019 Executive Capital Budget also has \$30M in 2023 for Satellite Facility

Phase 1 Cost Breakdown

Phase 1	Study	SD	Net
Equipment	\$1,260,173	\$1,916,000	
Construction	\$4,681,269	\$3,472,000	
Elec Bus Construction	\$300,000	Inc. in Const.	
Elec Bus Infrastructure	\$1,000,000	\$1,000,000	
8% BPW Cont.	Not included	\$277,760	
Sub Total	\$7,241,442	\$6,665,760	(\$575,682)
Fire Alarm	Inc. in Const.	\$650,000	
8% BPW Cont.	Not included	\$52,000	
Sub Total	Inc. in Const.	\$702,000	
Grand Total	7,241,442	\$7,367,760	\$126,318

* 2019 CIP + 2018 reauthorization results in a budget of \$7,281,442, which puts us currently \$86,318 over budget.