



BOARD OF DIRECTORS

METROPOLITAN ATLANTA RAPID TRANSIT AUTHORITY

OPERATIONS AND SAFETY COMMITTEE

THURSDAY, JUNE 30, 2022

ATLANTA, GEORGIA

MEETING MINUTES

1. CALL TO ORDER AND ROLL CALL

Chair Worthy called the meeting to order at 11:05 A.M.

Board Members

Present:

Stacy Blakley
Jim Durrett
Roderick Frierson
Freda Hardage
Roderick Mullice
Al Pond
Rita Scott
Reginald Snyder
Thomas Worthy

Board Members

Absent:

Roberta Abdul-Salaam
Heather Aquino
Robert Ashe, III
William Floyd
Russell McMurry
Kathryn Powers

Staff Members Present:

Collie Greenwood
Rhonda Allen
Peter Andrews
Michael Scott Kreher
Ralph McKinney
Manjeet Ranu
Raj Srinath
George Wright

Also in Attendance:

Justice Leah Ward Sears, Phyllis Bryant, Charles Chafin, Stephany Fisher, Kenya Hammond, Daniel Hecht, Jacqueline Holland, Tyrene Huff, Herold Humphrey, Keri Lee and Anthony Morrow

2. APPROVAL OF THE MINUTES

Minutes from May 26, 2022 Operations and Planning Committee

Approval of Minutes from May 26, 2022 Operations and Planning Committee. On a motion by Board Member Durrett, seconded by Board Member Blakley, the motion passed by a vote of 9 to 0 with 9 members present.

3. RESOLUTIONS [*Presentations attached*]

Resolution Authorizing the Award of a Contract for the Procurement of New and Remanufactured Transmissions and Overhaul/Repairs, IFB B46990

Approval of the Resolution Authorizing the Award of a Contract for the Procurement of New and Remanufactured Transmissions and Overhaul/Repairs, IFB B46990. On a motion by Board Member Durrett, seconded by Board Member Hardage, the resolution passed by a vote of 9 to 0 with 9 members present.

Resolution Authorizing the Award of a Contract for the Procurement of Diesel Exhaust Fluid, IFB B48662A

Approval of the Resolution Authorizing the Award of a Contract for the Procurement of Non-Revenue Vehicles, RFPP P50146 Utilizing the State of Georgia Contract. On a motion by Board Member Snyder, seconded by Board Member Blakley, the resolution passed by a vote of 9 to 0 with 9 members present.

Resolution Authorizing the Award of a Contract for the Procurement of Non-Revenue Vehicles, RFPP P50146 Utilizing the State of Georgia Contract

Approval of the Resolution Authorizing the Award of a Contract for the Procurement of Non-Revenue Vehicles, RFPP P50146 Utilizing the State of Georgia Contract. On a motion by Board Member Snyder, seconded by Board Member Blakley, the resolution passed by a vote of 9 to 0 with 9 members present.

4. BRIEFING

Briefing - Rail Operations Performance and Initiatives [*Presentation attached*]

Daniel Hecht, Deputy Chief Mechanical Officer presented the Committee with a Rail Operations Performance and Initiatives briefing.

5. OTHER MATTERS

FY22 April Operations and Safety Department KPIs (Informational Only)

6. ADJOURNMENT

The Committee meeting adjourned at 11:38 A.M.

Respectfully submitted,

A handwritten signature in blue ink that reads "Tyrene L. Huff". The signature is written in a cursive style with a large initial 'T'.

Tyrene L. Huff
Assistant Secretary to the Board

YouTube link: <https://youtu.be/mElbxJaLYR0>

**RESOLUTION AUTHORIZING AWARD OF A CONTRACT FOR THE PROCUREMENT OF
NEW AND REMANUFACTURED TRANSMISSIONS AND OVERHAUL/REPAIRS,
IFB B46990**

WHEREAS, the Authority's Office of Bus Maintenance has identified the need for the Procurement of New and Remanufactured Transmissions and Overhaul/Repairs, Invitation for Bids Number B46990; and

WHEREAS, on March 10, 2022, the Metropolitan Atlanta Rapid Transit Authority duly sent Notice of the Invitation for Bids to potential Bidders; and

WHEREAS, notice of the said Invitation for Bids was advertised in the local newspaper of the largest circulation in the Atlanta metropolitan area, once in each of the two weeks prior to opening bids; and

WHEREAS, all Bidders were given an opportunity to protest the bid instructions, specifications, and/or procedures; and

WHEREAS, on April 19, 2022 at 2:00 p.m., local time, three (3) bids were publicly opened and read aloud; and the bid submitted for Group 1 by Jasper Weller LLC was non-responsive and the bid for Group 2 by Associated Fuel Systems, Inc., was non-responsive.

WHEREAS, the bid submitted for Group 1 - New and Remanufactured Transmissions and Group 2 – Overhaul/Repairs by The W. W. Williams Company, LLC, is responsive and responsible and the bidder is capable of performing the Contract.

RESOLVED THEREFORE, by the Board of Directors of the Metropolitan Atlanta Rapid Transit Authority that the General Manager/CEO or his delegate be, and hereby is, authorized to execute a Contract on substantially the same terms and conditions as contained in the Invitation for Bids Number B46990, Procurement of New and Remanufactured Transmissions and Overhaul/Repairs between the Authority and The W. W. Williams Company, LLC, in the overall amount of \$7,286,132.00.

Approved as to Legal Form:

DocuSigned by:

Peter J. Andrews

A0EF047927B94DA...

**Chief Counsel, Metropolitan Atlanta
Rapid Transit Authority**

**RESOLUTION AUTHORIZING AWARD OF A CONTRACT FOR THE PROCUREMENT OF
DIESEL EXHAUST FLUID, IFB B48662A**

WHEREAS, the Authority's Office of Bus Maintenance has identified the need for the Procurement of Diesel Exhaust Fluid, Invitation for Bids Number B48662A; and

WHEREAS, on February 18, 2022 the Metropolitan Atlanta Rapid Transit Authority duly sent Notice of the Invitation for Bids to potential Bidders; and

WHEREAS, notice of the said Invitation for Bids was advertised in the local newspaper of the largest circulation in the Atlanta metropolitan area, once in each of the two weeks prior to opening bids; and

WHEREAS, all Bidders were given an opportunity to protest the bid instructions, specifications, and/or procedures; and

WHEREAS, on March 24, 2022 at 2:00 p.m., local time, five (5) bids were publicly opened and read aloud; and

WHEREAS, the bid submitted by The McPherson Companies, is responsive and responsible and the bidder is capable of performing the Contract.

RESOLVED THEREFORE, by the Board of Directors of the Metropolitan Atlanta Rapid Transit Authority that the Interim General Manager/CEO or his delegate be, and hereby is, authorized to execute a Contract on substantially the same terms and conditions as contained in the Invitation for Bids Number B48662A, Procurement of Diesel Exhaust Fluid between the Authority and The McPherson Companies, in the amount of \$540,600.

Approved as to Legal Form:

DocuSigned by:
Peter J. Andrews
A0EF047927B94DA...

**Chief Counsel, Metropolitan Atlanta
Rapid Transit Authority**

**RESOLUTION AUTHORIZING THE AWARD OF A CONTRACT FOR THE PROCUREMENT
OF NON-REVENUE VEHICLES RFPP P50146**

WHEREAS, the Authority's Office of Bus Maintenance has identified a need for Non-Revenue Vehicles; and

WHEREAS, the Authority's staff has determined that Non-Revenue Vehicles may be purchased utilizing the State of Georgia Contract; and

WHEREAS, Section 14(l) of the MARTA Act permits the Authority to purchase without competitive bidding, any goods, supplies, equipment, other property, or services from any vendor who, at the time of such purchase, has in effect a contract or schedule with the State of Georgia or the United States Government, provided that such purchase is made pursuant to the price, terms and conditions of such contract or schedule and the Authority receives all of the benefits thereof.

RESOLVED THEREFORE, by the Board of Directors of the Metropolitan Atlanta Rapid Transit Authority that the Interim General Manager/CEO or his delegate be, and hereby is, authorized to execute a Contract utilizing the State of Georgia Contracts that are valid at the time the Authority procures the Non-Revenue Vehicles in the amount of \$1,342,550.00.

Approved as to Legal Form:



**Counsel, Metropolitan Atlanta
Rapid Transit Authority**



**Resolution Authorizing
the Award of a Contract
for the Procurement of
New and Remanufactured
Transmissions
and
Overhaul/Repairs,
IFB B46990**

June 30, 2022
Operations and Safety
Committee Meeting

Charles Chafin
Director of Bus Maintenance



Background

- This is a reoccurring contract for transmission replacements
- This contract will supersede current contract B42010 – New Allison Bus Transmissions
- New contract contains FTA clauses which allow grant reimbursement of up to 80%
- There were three (3) respondents that submitted bids over two-line items
- New contract will include procurement, repair, and overhaul of any MARTA transit bus transmission
- Extended Warranty is included with all Transmissions

Transmission Procurements



- Transmission procurements will support bus midlife overhaul program
- Contract term is for Four (4) Years – No options
- Contract award for Transmission Procurement - \$6,971,132.00
- Eligible for FTA grant reimbursement of up to 80%
- Two (2) Respondents submitted bids
 - One (1) valid and one (1) invalid due to incomplete bid

Transmission Repairs & Overhauls



- Transmission repairs and overhauls will support buses Outside of Bus Midlife Overhaul Program
- Contract term is for Four (4) Years – No options
- Contract award for repairs and overhauls \$315,000
- Not eligible for grant reimbursement
- Two (2) Respondents submitted bids
 - Both respondents completed bids. One deemed competent due to dealer validity

Request to Approve Resolution



- Anticipated contract term is for Four (4) years
- 5% DBE goal (Previous contract was 0%)
- W.W. Williams Co., LLC
Transmission Procurement - \$6,971,132.00
- W.W. Williams Co., LLC
Overhauls and Repairs - \$315,000.00
- **The Office of Bus Maintenance respectfully requests authorization for the resolution to enter into a contract with W.W. Williams for \$7,286,132.00**

Questions?

Thank You





Resolution Authorizing the Award of a Contract for the Procurement of Diesel Exhaust Fluid, B48662A

June 30, 2022
Operations and Safety Committee
Meeting

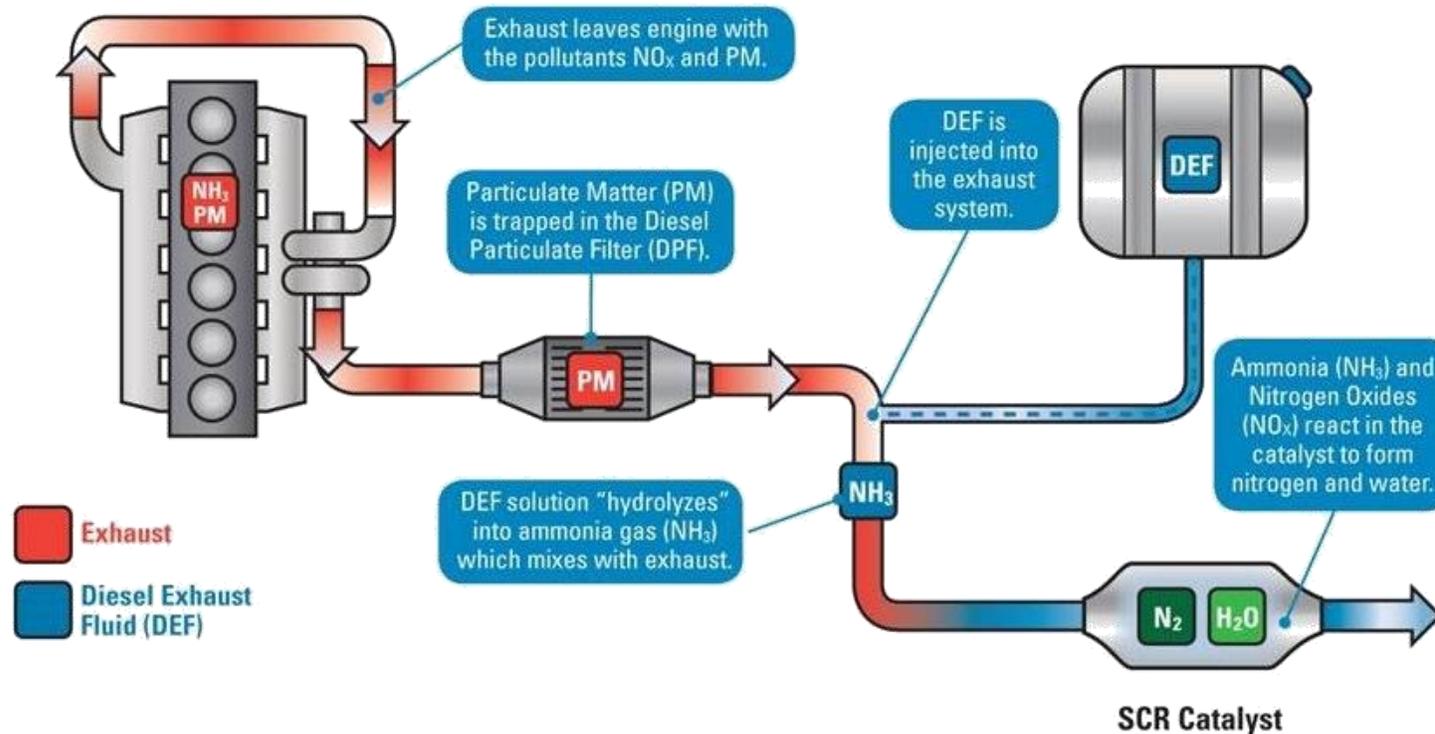
Charles Chafin
Director of Bus Maintenance

Resolution Authorizing the Approval of Diesel Exhaust Fluid



- What is Diesel Exhaust Fluid
- Why do we need it
- Bids received
- Request for the Approval

Diesel Exhaust Fluid (DEF) is a liquid used to reduce the amount of air pollution created by a diesel engine. Specifically, DEF is a solution made with 32.5% urea and 67.5% deionized water





- DEF falls under the Clean Air Act that was put in place in the 1970s, the Environmental Protection Agency (EPA) has been making strides toward lowering emissions
- 40 CFR Part 86 – Control of Emissions from New and In-Use Highway Vehicles and Engines
- In 2010 the EPA tightened restrictions requiring the use of DEF with all medium and heavy-duty diesel engines
- 166 are diesel buses and 18 non-revenue vehicles require DEF



Five potential bidders.

- \$304,800 Incomplete bid form
- \$375,500 Incomplete bid form
- **\$540,600** 5% DBE goal met through transportation efforts
- \$600,000
- \$841,200



The Office of Bus Maintenance respectfully requests authorization for the resolution to enter into a contract with McPherson Oil Companies for \$540,600.00



Thank You





Resolution Authorizing the Award of
a Contract for the Procurement of
Non-Revenue Vehicles,
RFPP P50146
Utilizing the State of Georgia
Contract

June 30, 2022

Operations and Safety Committee Meeting

Anthony Morrow

General Superintendent of Non-Revenue
Bus Maintenance



Discussion

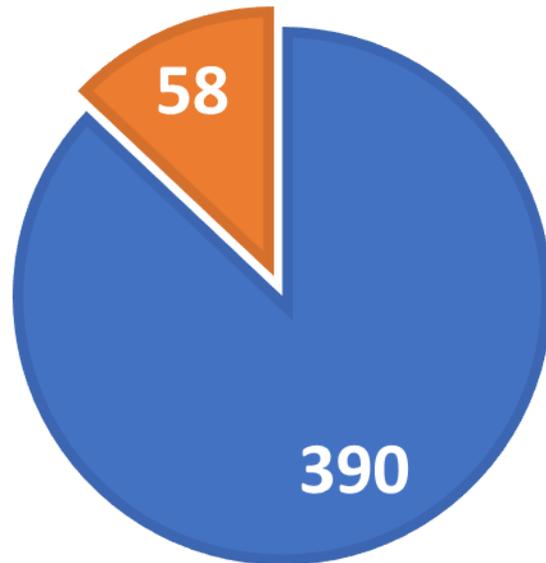
- Current Fleet Status
- Vehicle Availability
- Transition to Zero Emissions
- Cost Savings
- Vehicle Replacement
- Request



Fleet Status

- Current Non-Revenue Fleet is 448 Vehicles

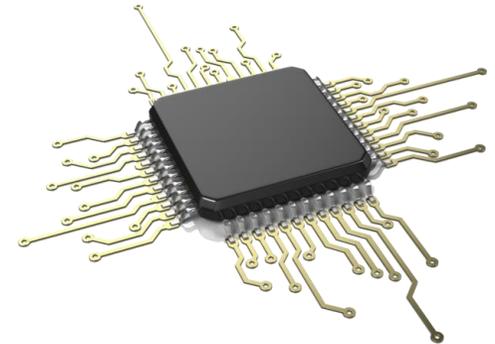
FLEET AGE ■ 2015< ■ 2015>



Class	Retirement
Police	100,000
Support	150,000
Any Vehicle Over 10 yrs. old	

Vehicle Availability

- 4 Each Police Pursuit Explorer Purchase Order Approved February 24, 2021, Placed on Hold Due to Pandemic and Parts Shortages
- Ford Escape, Explorer, Police Explorer, Edge, Mustang
- Kia Rio
- Toyota Camry and Highlander



Fleet Vehicles

Ford	Edge	Escape	Escape PHEV
EPA Fuel Economy	20 MPG Combined City/Highway	25 MPG Combined City/Highway	105 MPGe Combined City/Highway
Range	404 miles / 20.2 Gallons Fuel Tank	450 Miles / 18 Gallons Fuel Tank	520 / 12 Gallons Fuel Tank
Cost to Drive 25 Miles	\$5.35	\$3.74	\$1.04 (On a Single Charge) \$2.81 (Driving on Gas Only)
Annual Fuel Cost	\$3,250	\$2,250	Electricity + Gas: \$1,000



MPGe is the Distance a Car can Travel on 33.7kWh of Electricity

United States Environmental Protection Agency - www.fueleconomy.gov



Police

Ford	Explorer AWD	Police Explorer HEV AWD
EPA Fuel Economy	20 MPG Combined City/Highway	25 MPG Combined City/Highway
Range	404 miles / 20.2 Gallons Fuel Tank	450 Miles / 18 Gallons Fuel Tank
Cost to Drive 25 Miles	\$5.61	\$4.49
Annual Fuel Cost	\$3,350	\$2,700



MPGe is the Distance a Car can Travel on 33.7kWh of Electricity

United States Environmental Protection Agency - www.fueleconomy.gov



Annual Cost Savings Per Vehicle

Escape PHEV
\$2,250



Explorer HEV
\$650



Cost Savings Based Off Gasoline Ford Explorer

Ford Does Not Estimate Idle Time Cost Saving

www.fueleconomy.gov / www.ford.com

Vehicle Replacement

Year	Model	Each	Replacement
2008 – 2010	Police Ford Crown Victoria	2	HEV Police Explorer
2015 – 2016	Police Ford Taurus	4	HEV Police Explorer
2015 – 2017	Police SUV	4	HEV Police Explorer
2017	Transportation 8 Passenger Vans	7	PHEV Escape
2007 – 2008	Various Department Chevy Malibu	8	PHEV Escape
	Office of Safety Response Vehicles	15	PHEV Escape
	Total Requested	40	

Request

Description	Quantity	Cost	Total \$	State of Georgia Contract #	Dealer
Ford Escape SE PHEV, 2WD, SE	30	32,875.00	\$986,250	99999-001-SPD0000183-0006	Wade Ford
Police Pursuit Utility Explorer - HEV	10	35,630.00	\$356,300	99999-001-SPD0000183-0006	Wade Ford
Total (Available to Purchase)	40		\$1,342,550		



The Office of Bus Maintenance respectfully requests authorization to **Approve a contract in the requested amount of \$1,342,550**



Thank You





Rail Operations Performance and Initiatives

June 30, 2022
Operations and Safety Committee Meeting

Daniel Hecht, P.E.
Deputy Chief Mechanical Officer

UPDATES AND INFO ON:

- Ridership
- On Time Performance
- Railcar Maintenance
- Maintenance of Way
- Major Projects and Initiatives
 - Train Control and SCADA Upgrade
 - Station Management

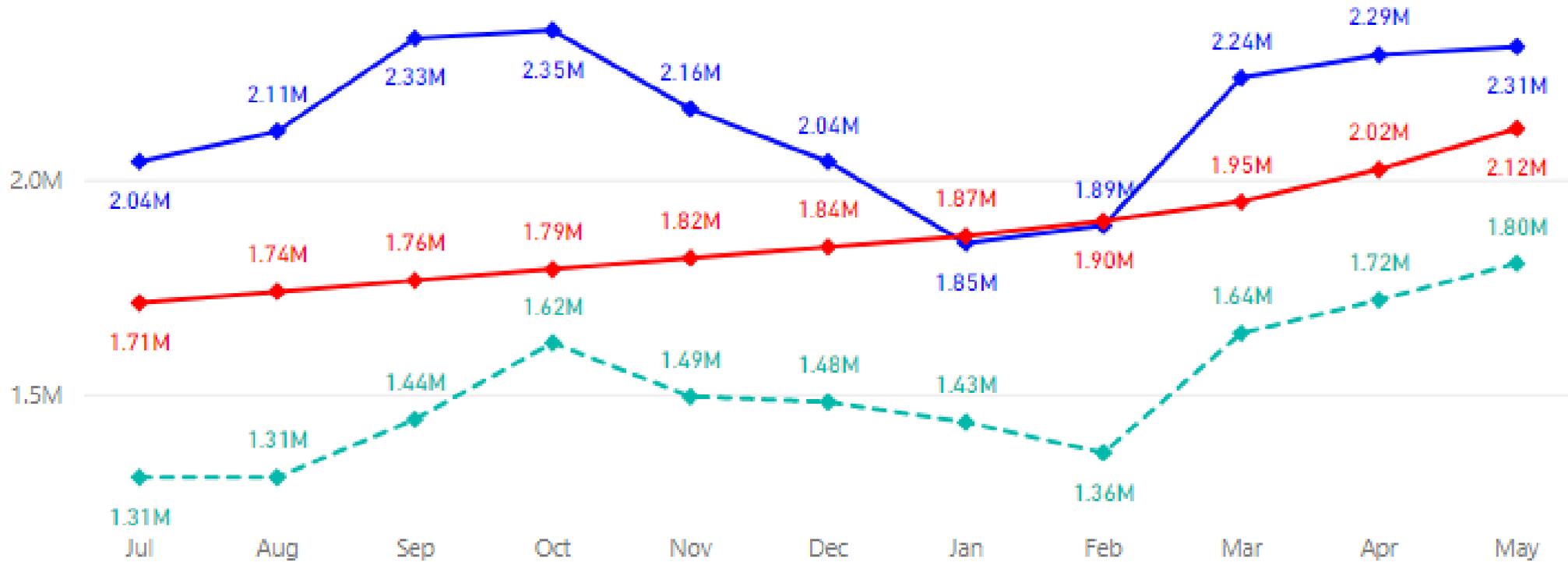


RIDERSHIP, FY 22 and FY 21

Actual, Forecast, Prior Year

BY PERIOD

Actual Prior Year Forecast

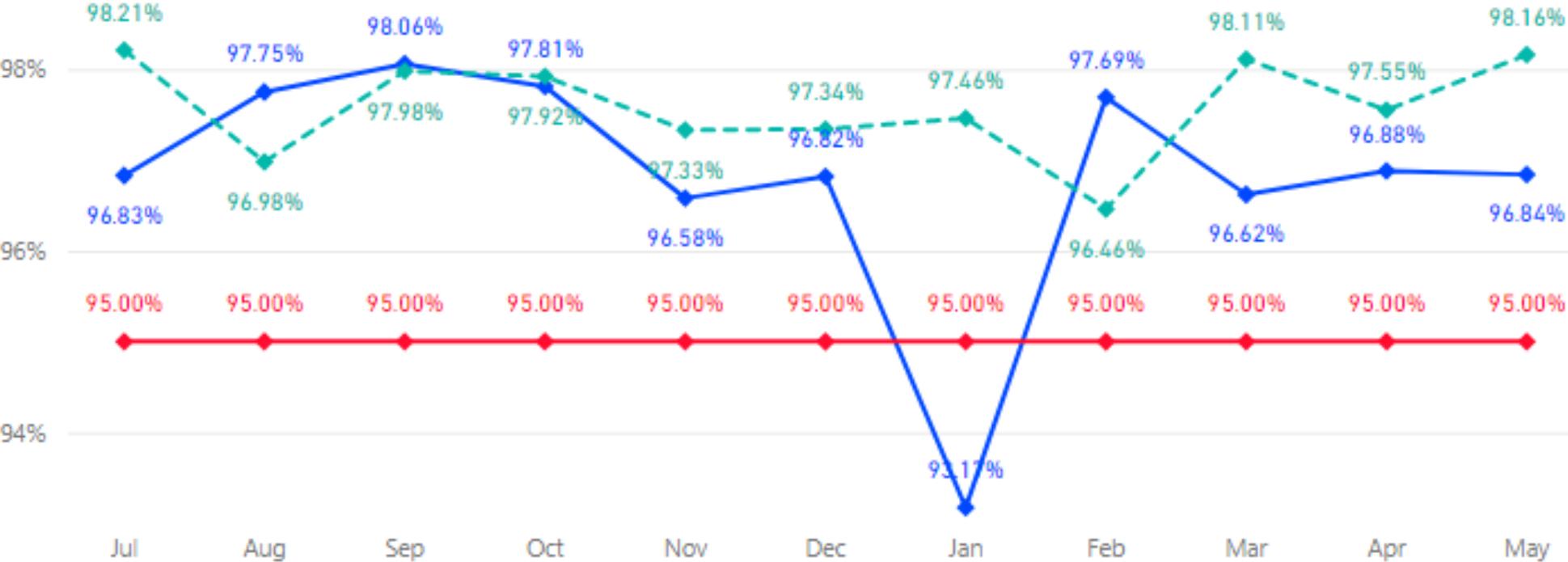


ON TIME PERFORMANCE, FY 22 YTD

Actual, Target, Prior Year

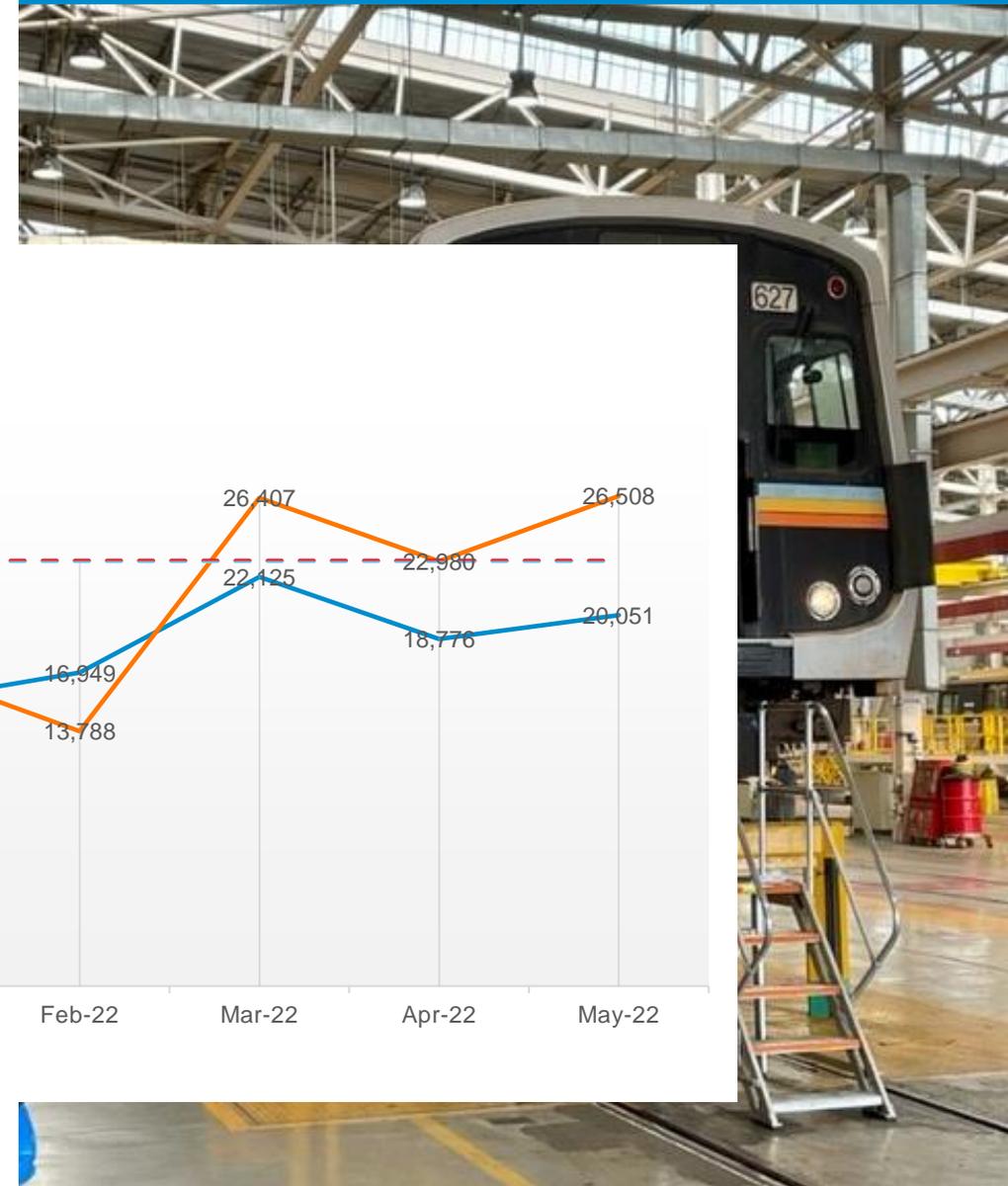
BY PERIOD

Actual — Prior Year — Target

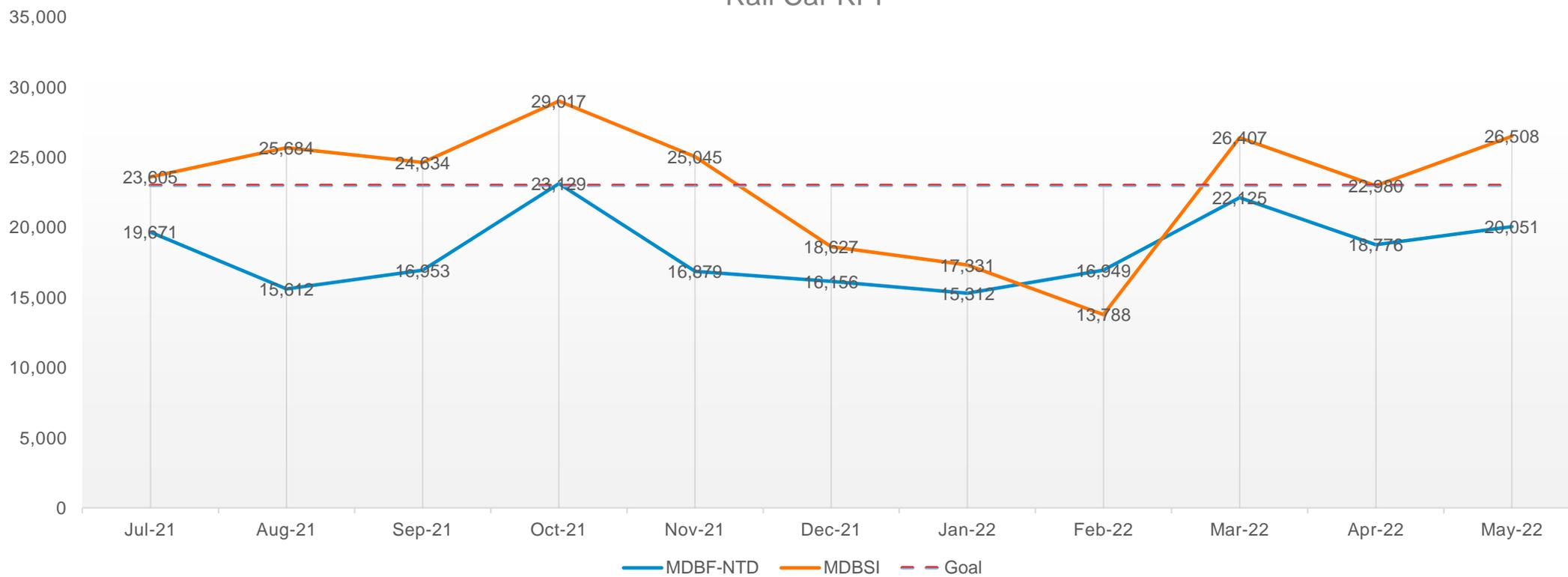


RAILCAR MAINTENANCE

MEAN DISTANCE BETWEEN FAILURES



Rail Car KPI

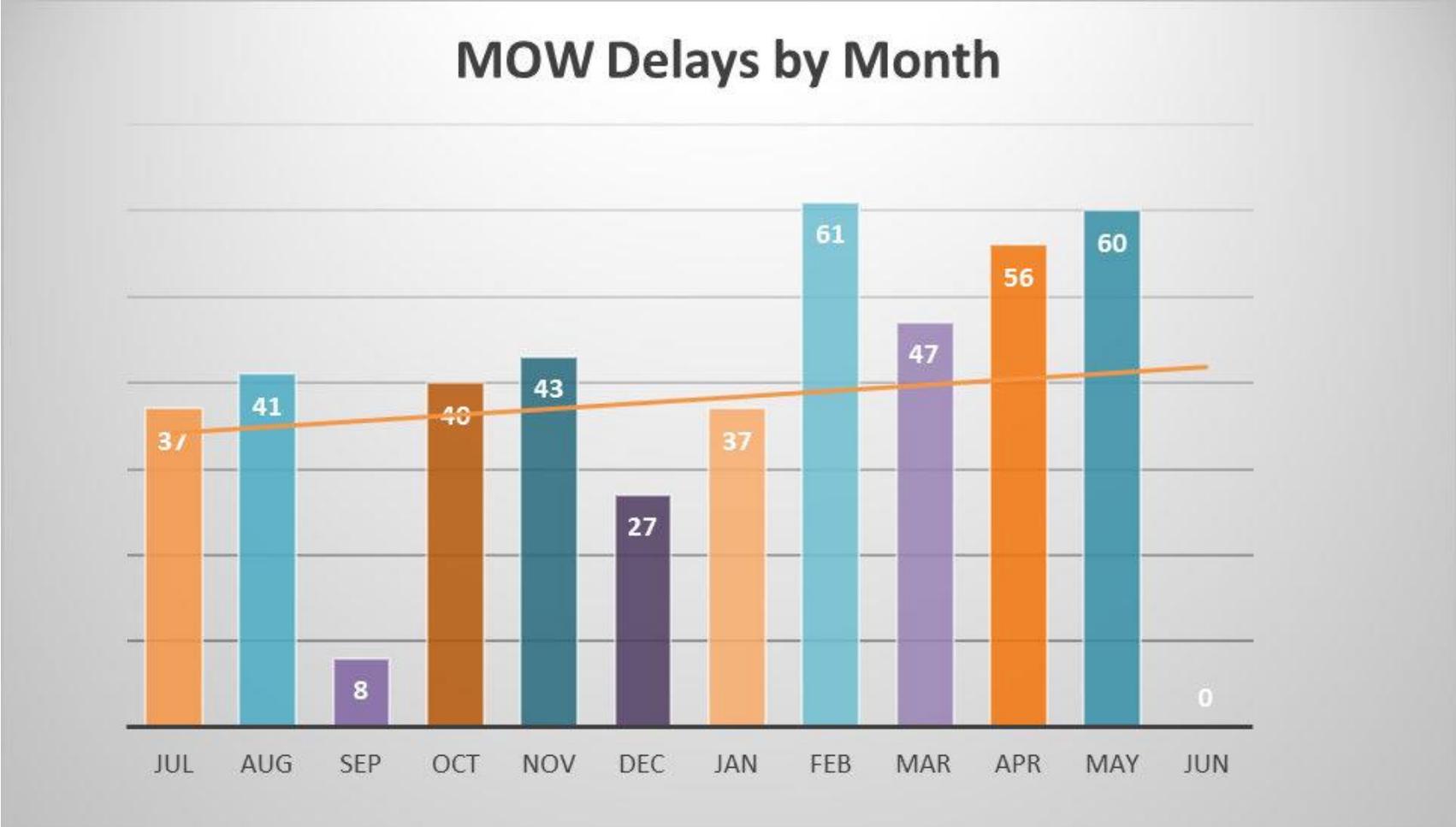


MAINTENANCE OF WAY

- May – Track & Structures, Broken Joint Bar
- April and February – Automatic Train Control Issues

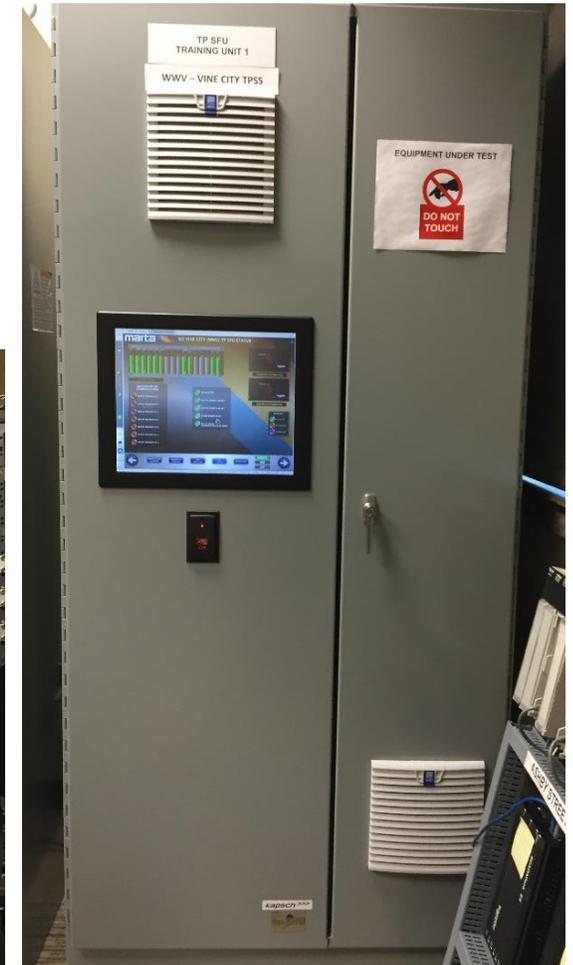
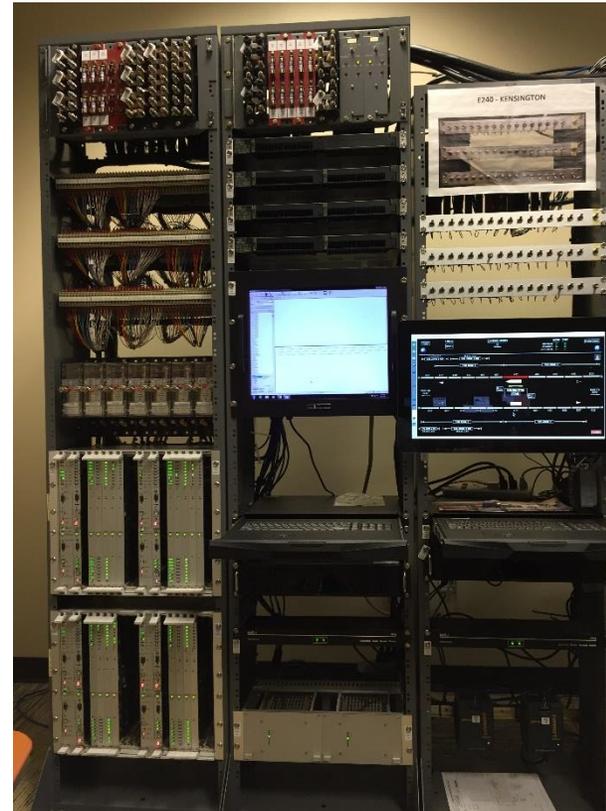
PROJECTS

- Track Rehabilitation
- Train Control and SCADA Upgrade



TRAIN CONTROL UPGRADE

- Major Upgrade – SCADA and Train Control
- Alstom Technology
- Nearing Completion – 2023 Full Acceptance
- Safety Critical
 - Train Control and Monitoring
 - Field Alarms
 - Third Rail Power Shutdown
 - Tunnel Ventilation and Fans
 - IOC Upgrades
- Vital to Operations



STATION MANAGEMENT

- Customer focused on enhancing experience
- Reorganizes key staff into zones of responsibility
- Sets the bar for safety and customer care
- Strengthens our community bond

EYES ON

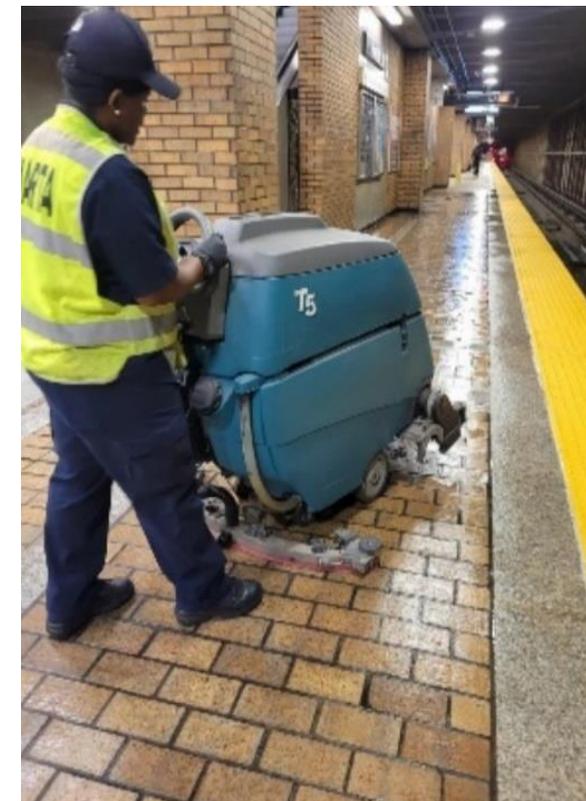
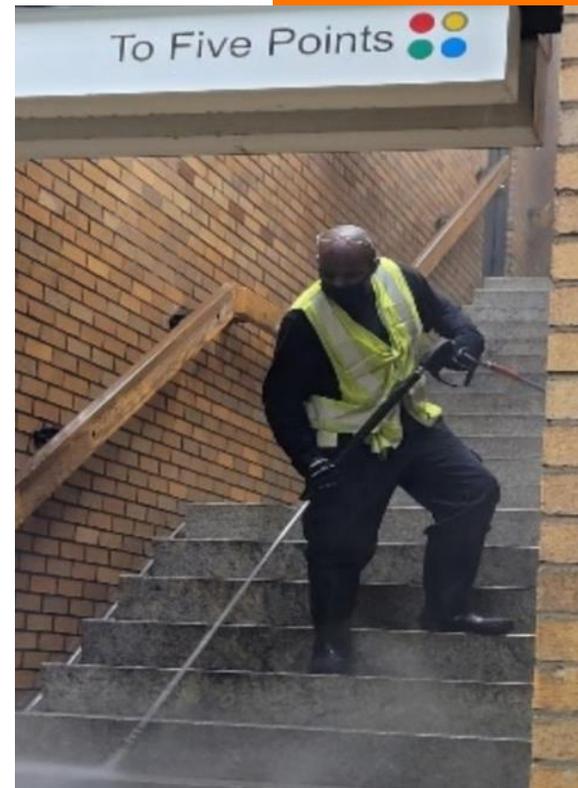
We see what our customers see

HANDS ON

Take action to address

GAME ON

Showcase our improvement to the community and engage our customers





Thank You

