



Board of Trustees Meeting Agenda

Champaign-Urbana Mass Transit District (MTD)

Wednesday, August 27, 2025 – 3:00 pm

Illinois Terminal, North Banquet Room, 4th floor – 45 East University Avenue, Champaign

Board Members

Board of Trustees

Dick Barnes – Chair
Laura Bleill
Mark Brown
Phil Fiscella
George Friedman
Alan Nudo – Vice Chair
Sharif Ullah

Advisory Board

Averhy Sanborn
Jamie Singson

Agenda

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Audience Participation
5. Approval of Minutes
 - a. Board Meeting (Open Session) – July 30, 2025 1-4
6. Communications
7. Reports
 - a. Managing Director
 - i. Operating Notes 5-10
 - ii. Ridership Data 11-12
 - iii. Route Performance 13-16
 - iv. District Operating Revenue/Expenses 17
 - v. Statistical Summary 18
 - vi. July 2025 Financial Reports Memo 19
 - vii. Comparative History 20-30
 - viii. Accounts Payable/Check Disbursements 31-37
 - ix. Bank & Investment Balances 38
8. Action Items
 - a. Scheduling Adjustment for December 2025 Regular Board of Trustees Meeting 39
 - b. Approval of Cooperative Purchasing Agreement and Bus Purchase Order 40-147
9. Next Meeting
 - a. Northwest of Curtis & Staley Annexation Public Hearing – Thursday, September 4, 2025 – 5:00 pm – Friendship Lutheran Church of Joy, 3601 S Duncan Road, Champaign
 - b. Regular Board of Trustees Meeting: Wednesday, September 24, 2025 – 3:00 pm – at Illinois Terminal, 45 East University Avenue, Champaign.

10. Adjournment

Champaign-Urbana Mass Transit District strives to provide an environment welcoming to all persons regardless of disability, race, gender, or religion. Please call Katie Good at 217.384.8188 to request special accommodations **at least 2 business days in advance.**



6 **Attendance**

7 **Board of Trustees**

Present

Dick Barnes – Chair
Laura Bleill
Mark Brown
Phil Fiscella
George Friedman
Alan Nudo – Vice Chair
Sharif Ullah

Absent

8 **Advisory Board**

Present

Averhy Sanborn
Jamie Singson

Absent

9 **MTD Staff**

10 Karl Gnadt (Managing Director), Amy Snyder (Deputy Managing Director), Katie Good (Executive Assistant
11 and Clerk), Ashlee McLaughlin (External Affairs Director), Michelle Wright (Finance Director), Josh
12 Berbaum (Maintenance & Facilities Director), Brendan Sennett (Safety & Training Director), Ryan
13 Blackman (Technology Services Director), and Jay Rank (Operations Director)

14 **Others Present**

15 Alison Smyth (Center for Transportation and the Environment), Harry Wang (MTD Operations Intern)

Minutes

1. Call to Order

Chair Barnes called the meeting to order at 3:00 pm.

2. Roll Call

Present (7)-Barnes, Bleill, Brown, Fiscella, Friedman, Nudo, Ullah

Absent (0)

The Clerk declared that a quorum was present.

3. Approval of Agenda

MOTION by Mr. Fiscella to approve the agenda as distributed; seconded by Mr. Friedman. Upon vote, the MOTION CARRIED.

4. Audience Participation

None

5. Approval of Minutes

A. Board Meeting (Open Session) - June 25, 2025

MOTION by Mr. Friedman to approve the open session minutes of the June 25, 2025, MTD Board meeting as distributed; seconded by Mr. Fiscella. Upon vote, the MOTION CARRIED.

6. Communications

None

7. Fleet Propulsion Presentation

Mr. Gnadt was joined by Ashlee McLaughlin, External Affairs Director, Josh Berbaum, Maintenance & Facilities Director, and Alison Smyth, Lead Engineering Consultant, with the Center for Transportation and the Environment (CTE) to discuss MTD's past, current, and future fleet propulsion plans.

Mr. Ullah departed the meeting at 3:48pm.

8. Reports

A. Managing Director

Mr. Gnadt reviewed statistics for June 2025. June 2025 ridership was up 2.55% from June 2024. Mr. Gnadt noted that June is one of the lowest ridership months due to the absence of many students, faculty, and staff from the campus area along with many community members who often travel during this time. Year-to-date ridership for FY2025 was up 19.25% compared to FY2024.

Mr. Gnadt reminded Trustees of the University of Illinois service credit that was previously provided during the pandemic due to reduced service. This credit is no longer necessary now that full service is being provided. June 2025 operating revenue was 497.40% above June 2024 due to the mentioned credit. Year-to-date operating revenue was 8.9% above FY2024. Monthly

operating expenses were down 1.3% from FY2024. Year-to-date operating expenses were up 5.9% from FY2024. June 2025 operating revenue was \$1,953,203 above budget and operating expenses were \$4,389,592 below budget.

9. Action Items

A. Resolution 2025-6 – Setting a Public Hearing for an Annexation Northwest of Curtis & Staley, Champaign

MOTION by Mr. Fiscella to adopt Resolution 2025-6; seconded by Ms. Bleill.

Roll Call:

Aye (6)–Bleill, Brown, Fiscella, Friedman, Nudo, Barnes

Nay (0)

Abstain (0)

The MOTION CARRIED

B. Semi-Annual Review of Closed Session Minutes

MOTION by Mr. Fiscella to approve the suggested motion as printed; seconded by Mr. Friedman.

Roll Call:

Aye (6)– Bleill, Brown, Fiscella, Friedman, Nudo, Barnes

Nay (0)

Abstain (0)

The MOTION CARRIED

C. Annual Update to the Public Transportation Agency Safety Plan (PTASP)

Mr. Gnadt was joined by Brendan Sennett, Safety & Training Director, to discuss this year's PTASP updates. Mr. Sennett noted the changes included updates to the safety performance measures and how preventable accidents are calculated.

MOTION by Mr. Fiscella to approve the Annual Update to the Public Transportation Agency Safety Plan (PTASP); seconded by Mr. Friedman.

Roll Call:

Aye (6)– Bleill, Brown, Fiscella, Friedman, Nudo, Barnes

Nay (0)

Abstain (0)

The MOTION CARRIED

D. Update to the Safety Sensitive Drug & Alcohol Policy

Mr. Gnadt was joined by Brendan Sennett, Safety & Training Director, to discuss the updates to the Safety Sensitive Drug & Alcohol Policy. Mr. Sennett noted the Federal Transit Administration requires grant recipients to have a drug and alcohol policy, and stated failure to have a compliant program could disrupt federal funding. Mr. Sennett stated the updates are minor, including position change updates, with the most notable change being the implementation of a zero-alcohol tolerance while on duty.

1 MOTION by Ms. Bleill to approve the Update to the Safety Sensitive Drug & Alcohol Policy;
2 seconded by Mr. Fiscella.

3 Roll Call:

4 Aye (6)– Bleill, Brown, Fiscella, Friedman, Nudo, Barnes

5 Nay (0)

6 Abstain (0)

7 The MOTION CARRIED

8 **E. Zero Emission Transition Plan, 2025 Update**

9 Mr. Gnadt was joined by Ashlee McLaughlin, External Affairs Director, to discuss the updates to
10 the Zero Emission Transition plan for 2025. Ms. McLaughlin stated the Zero Emission Transition
11 Plan is a requirement of the Low-No and Buses & Bus Facilities federal grants. Updates to the
12 document are minor and reflect changes in the District’s fleet replacement schedule, changes to
13 policies, and cost updates for plan implementation.

14 MOTION by Ms. Fiscella to approve the Update to the Zero Emission Transition Plan, 2025 Update;
15 seconded by Mr. Friedman.

16 Roll Call:

17 Aye (6)– Bleill, Brown, Fiscella, Friedman, Nudo, Barnes

18 Nay (0)

19 Abstain (0)

20 The MOTION CARRIED

21 **10. Next Meeting**

22 Regular Board of Trustees Meeting – Wednesday, August 27, 2025 – at Illinois Terminal, 45 East
23 University Ave, Champaign.

24 **11. Adjournment**

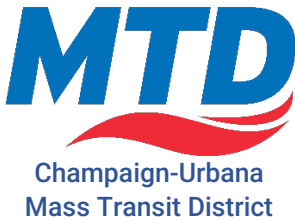
25 MOTION by Mr. Fiscella to adjourn, seconded by Mr. Friedman.

26 Mr. Barnes adjourned the meeting at 4:24 pm.

27 Clerk

28 Approved:

29 Board of Trustees, Chair



MTD MISSION

Leading the way to greater mobility

MTD VISION

MTD goes beyond traditional boundaries to promote excellence in transportation.

MTD MANAGING DIRECTOR OPERATING NOTES

August 2025

RIDERSHIP

Monthly Ridership

↑ 3.07%

↑ 16.20%

FY2025
358,985

FY2026
370,020

5 Year
Average
318,429

July

Year-to-Date Ridership

↑ 3.07%

↑ 16.20%

FY2025
358,985

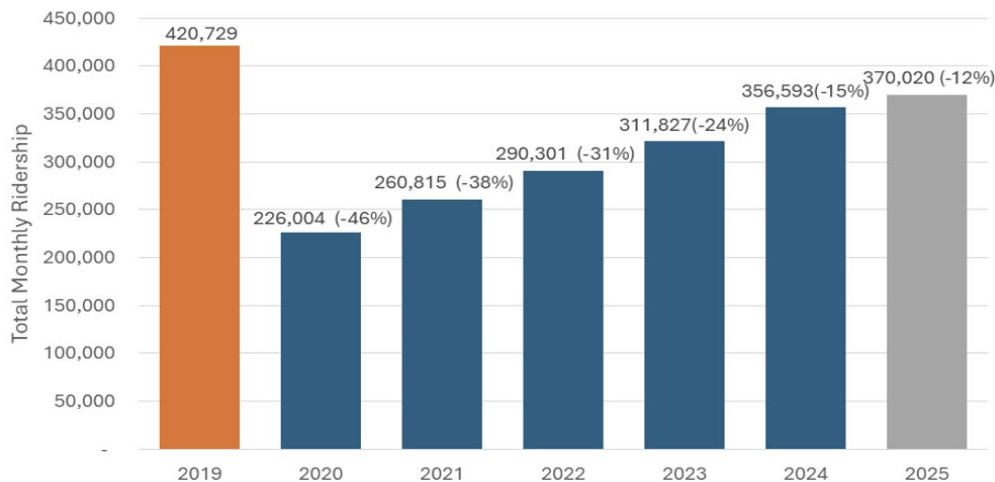
FY2026
370,020

5 Year
Average
318,429

Year-to-Date

In July 2025, total ridership was 370,020. That is 3.1% higher than last July with the same number of weekdays, Saturdays, Sundays, and holidays. We operated full service in each of these months so the ridership comparison is very fair. It is noteworthy that the average temperature this year was 5 degrees warmer, there was about six inches less rainfall, and the average price of gasoline is down forty cents.

July Ridership by Year

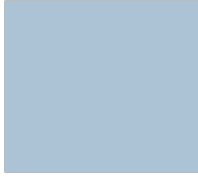


OPERATING REVENUE

Monthly Operating Revenue

↓ -3.50%

FY2025
\$745,360



July

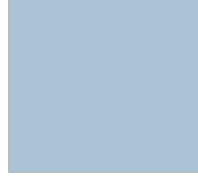
FY2026
\$719,575



Year-to-Date Operating Revenue

↓ -3.50%

FY2025
\$745,360



Year-to-Date

FY2026
\$719,575



July 2025 operating revenue was 3.50% below July 2024. Year-to-date operating revenue was 3.50% below FY2025.

OPERATING EXPENSES

Monthly Operating Expenses

↑ 1.00%

FY2025
\$4,080,560



July

FY2026
\$4,119,623



Year-to-Date Operating Expenses

↑ 1.00%

FY2025
\$4,080,560



Year-to-Date

FY2026
\$4,119,623



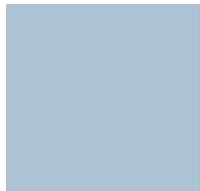
July 2025 operating expenses were 1.00% above July 2024. Year-to-date operating expenses were 1.00% above FY2025.

YEAR-TO-DATE REVENUE & EXPENSES

FY2026 Operating Revenue Budget vs Actual

↓ (\$130,509)

Budget
\$850,083



Actual
\$719,575



FY2026 Operating Expenses Budget vs Actual

↓ (\$691,378)

Budget
\$4,811,000



Actual
\$4,119,623



Year-to-date operating revenues were \$130,509 below budget while operating expenses were \$691,378 below budget.

MANAGING DIRECTOR'S NOTES

- 1) Our very own Brendan Sennett, Safety & Training Director, was just announced as one of Mass Transit Magazine's 40 Under 40! Congratulations Brendan!

From the Mass Transit Magazine article:



2025 40 Under 40: Brendan C. Sennett, TSSP, WSO-CSSD

Brendan C. Sennett, TSSP, WSO-CSSD, Safety & Training Director Champaign-Urbana Mass Transit District (MTD)

[Megan Perrero](#)

Aug. 19, 2025

Brendan C. Sennett comes from a family that has worked in public transit, with his father serving as the general manager for 39 years at CityBus in Lafayette, Ind. Sennett says he learned from his father that public transit offers a landscape of opportunities that extends well beyond the driver's seat, illuminating the potential within the transit industry.

Shortly after graduating from Indiana University, he joined the management trainee program at RATP Dev USA in April 2013. He served in progressive roles in the business for six years, working primarily with CapMetro in Austin, Texas. His culminating role was manager of safety before he left to take a position with the Texas Department of Transportation (TxDOT) in July 2019 as the program manager of state safety oversight. His penchant for safety gained continuous momentum in his professional roles as he developed, implemented and then performed oversight functions on safety management systems, safety promotion, risk mitigation and overall compliance with federal and state requirements.

Since Sennett joined the Champaign-Urbana Mass Transit District (MTD) as the safety and training director in May 2021, he has amassed multiple certifications and advanced trainings, such as the Occupational Safety & Health Administration 30-hour certification, forklift certification, Transit Safety & Security Program (TSSP) for Bus Safety certification, Third Party CDL Safety Officer for the Illinois Secretary of State and the National Incident Management System Incident Command System trainings.

In the four years Sennett has been at MTD, he has averaged more than one advanced certification or course completion annually. This coursework enables him to perform his duties and enhances his awareness and collaboration with other departments. He is adept at the requirements within MTD's Maintenance Facility, can execute the licensing of an operator for their advancement to a commercial license and then jump to serve as MTD's representative in a county-wide incident command center if the community faces a crisis.

As a commercially licensed driver himself, he maintains a connection to the heart of transit operations. He regularly joins coworkers to investigate troublesome intersections, evaluate a new corridor for service or collect input from the group of over 50 instructors his department oversees.

Building on his commitment to safety, Sennett launched a risk management program to comply with the Federal Transit Administration's Public Transportation Agency Safety Plan that not only maintained MTD's compliance but elevated its efforts and overall safety culture. Sennett has helped advance accident data tracking alongside monitoring correlations between accident types, locations and respective employee experiences. This work was accompanied by the deployment of a Hazard Identification Report (HIR) system through MTD's employee intranet, where employees can anonymously report hazards on MTD property, as well as throughout the community to improve operations and safety.

Since launching in July 2021, 322 HIRs have been submitted, with total reports growing year over year and anonymous submissions declining, indicating increasing employee trust in the process. An event review committee was also established under Sennett's leadership. Since its formation in 2024, 55 accidents have been reviewed by staff and the committee. The work exemplifies proactive risk mitigation and has yielded low cost, high reward solutions like lot striping, new procedures and updated work rules.

On top of his contributions to MTD, Sennett demonstrates a commitment to advancing the industry by participating in many American Public Transportation Association (APTA) committees including bus safety, rail safety, bus operations and the safety coordinating council. He's also a graduate of APTA's Emerging Leaders Class of 2017.

At the state level, he's engaged in the Illinois Public Transportation Association. He formed and led a subcommittee of training and safety professionals to discuss current challenges and to share resources. He takes pride in advancing that knowledge at the annual conference and was both a moderator and a speaker at the 2024 event.

Locally, Sennett is a regular participant in the community's multi-city emergency response groups. Updating severe weather response plans was a recent initiative that he spearheaded after the area experienced an uptick in tornado watches. Responding to increasing severe weather and natural disasters is becoming commonplace, and he's already well positioned to help the agency adapt.

Is there a specific experience that led you to where you are today?

In the summer of 2018, RATP Dev brought several consultants to Austin to train our team on implementing a safety management system. Their presentation was both engaging and inspiring, highlighting the potential impact such a system could have on our operation. It broadened my perspective on risk management, shifting the focus from individual actions to identifying systemic gaps and failure points. This new perspective offered a refreshing and empowering alternative to the traditional industry approach to risk mitigation.

What do you enjoy most about your job?

I strongly believe in continuous improvement. Safety is not something you simply check off—it's an ongoing journey with constant opportunities to improve. I enjoy working with various departments to discover ways to enhance safety. Whether it's through accident investigations or our hazard reporting program, I value the entire process.

What's the most challenging part of your job?

Change is tough and can be uncomfortable, especially when organizations have been doing things the same way for years and are asked to try something new. Getting buy-in from coworkers on how changes to their routines can improve safety, as well as overall aspects of their work, is a challenging but winning combination.

What is the accomplishment you're most proud of and why?

Obtaining my TSSP certification for both bus and rail was an accomplishment in my career. The program involved a fair amount of travel and time away from my family, but the knowledge and experience I gained was invaluable. It deepened my understanding of safety and security practices and connected me with professionals across the country who share similar roles and challenges. Staying in touch and continuing to exchange best practices has been a valuable resource for both my own development and our agency's ongoing efforts.

What is an accomplishment you would like to work towards in your career?

I want to help build a safety culture that's seen as a gold standard in the industry. Ideally, we get to a place where other agencies are reaching out to ask how we successfully navigated obstacles to get where we are or what advice we can offer. We're not there yet, but with youth on my side, a strong team and committed executive leadership, we're ready to put in the work to get us there.

What is your best advice/tip/best practice you can share from your area of expertise?

Never stop asking questions. When questions stop, so does learning. Mastering the skill of asking thoughtful questions not only deepens your understanding but also fosters open

communication and builds trust. This creates an environment where people feel comfortable sharing information and challenging assumptions.

One word to describe yourself: Humble

Alma Mater: Indiana University

Fast fact about yourself: Beekeeping was once a hobby of mine. I used to care for over 60,000 bees right in my backyard.

What's your best experience on transit and what made it memorable? When I lived in North Austin, Texas, I regularly commuted on the 982 from the Pavilion Park & Ride. After completing its southbound route, it conveniently returned to base—right outside my office. It was an easy and cost-effective way for a young professional to get to work. That experience clearly showed me how transit can offer real financial benefits to people from all walks of life.

Champaign-Urbana Mass Transit District

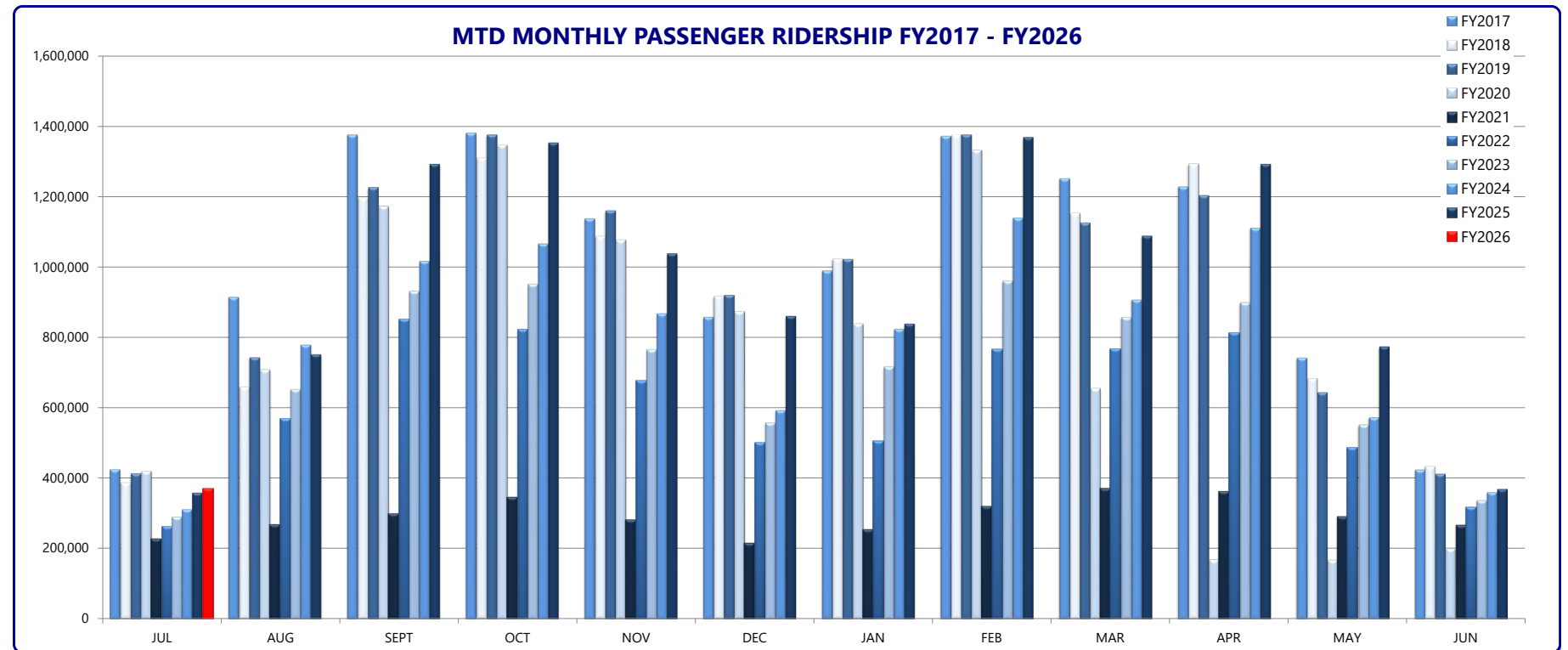
Fiscal-Year-to-Date Ridership Comparison

	Jul-25	Jul-24	% Change	FY26 YTD	FY25 YTD	% Change
Adult Rides	18,819	19,773	-4.8%	18,819	19,773	-4.8%
School Rides	2,098	1,310	60.2%	2,098	1,310	60.2%
DASH/Senior - E & D Rides	31,586	34,509	-8.5%	31,586	34,509	-8.5%
U of I Faculty/Staff Rides	11,804	14,349	-17.7%	11,804	14,349	-17.7%
Annual Pass	49,819	43,899	13.5%	49,819	43,899	13.5%
U of I Student Rides	232,481	221,842	4.8%	232,481	221,842	4.8%
All Day Pass	267	480	-44.4%	267	480	-44.4%
Transfers	6,141	6,793	-9.6%	6,141	6,793	-9.6%
SafeRides Connect	0	0	-	0	0	-
West Connect	274	142	93.0%	274	142	93.0%
Northeast Connect	907	0	-	0	0	-
Monthly Pass	6,944	7,869	-11.8%	6,944	7,869	-11.8%
Veterans Pass	2,868	2,872	-0.1%	2,868	2,872	-0.1%
Total Unlinked Passenger Rides	364,008	353,838	2.9%	364,008	353,838	2.9%
ADA Rides	6,012	5,147	16.8%	6,012	5,147	16.8%
TOTAL	370,020	358,985	3.1%	370,020	358,985	3.1%

Champaign-Urbana Mass Transit District
MTD Monthly Passenger Ridership FY2017 - FY2026

August 20, 2025

	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
JUL	424,915	389,398	415,476	420,729	226,004	260,815	290,301	312,024	358,985	370,020
AUG	914,496	661,178	743,728	708,465	266,497	567,618	651,458	779,102	751,627	
SEPT	1,375,803	1,197,928	1,226,527	1,172,335	297,090	850,842	929,906	1,016,696	1,292,319	
OCT	1,380,990	1,310,380	1,375,516	1,346,402	343,765	822,915	949,844	1,066,132	1,352,825	
NOV	1,137,573	1,087,343	1,160,184	1,076,993	279,977	678,231	764,340	867,837	1,038,330	
DEC	857,837	917,782	920,718	873,429	214,183	501,741	556,970	593,359	860,758	
JAN	989,700	1,022,713	1,022,403	838,969	252,336	506,560	715,390	823,733	838,845	
FEB	1,371,778	1,375,553	1,375,560	1,331,716	318,071	766,403	959,122	1,139,297	1,368,268	
MAR	1,251,352	1,153,015	1,125,644	656,224	368,540	766,766	855,518	906,789	1,088,474	
APR	1,228,127	1,292,424	1,203,603	169,747	360,134	813,280	897,373	1,110,573	1,292,308	
MAY	742,253	684,678	645,383	168,484	289,030	485,172	550,987	572,703	774,235	
JUN	424,219	435,993	414,421	201,092	264,733	317,937	336,835	360,245	369,429	
TOTAL	12,099,043	11,528,385	11,629,163	8,964,585	3,480,360	7,338,280	8,458,044	9,548,490	11,386,403	



	Passengers	Revenue Hours	Passengers Per Revenue Hour	Revenue Hour Performance Comparison +	Revenue Miles	Passengers Per Revenue Mile	Revenue Mile Performance Comparison +
Daytime Campus Fixed Route	58,325	2,438.18	23.92		28,630.89	2.04	
10 Gold Hopper	5,492	238.57	23.02	0.96	3,284.40	1.67	0.82
12 Teal	15,795	513.27	30.77	1.29	5,557.39	2.84	1.40
13 Silver	5,348	340.75	15.69	0.66	4,397.75	1.22	0.60
21 Raven	2,747	209.77	13.10	0.55	2,206.94	1.24	0.61
22 Illini	18,785	497.40	37.77	1.58	5,727.76	3.28	1.61
24 Link	10,158	638.43	15.91	0.67	7,456.65	1.36	0.67
Daytime Community Fixed Route	218,870	11,093.35	19.73		152,600.70	1.43	
1 Yellow	31,190	1,276.57	24.43	1.24	16,361.79	1.91	1.33
2 Red	21,801	1,111.63	19.61	0.99	14,802.12	1.47	1.03
3 Lavender	10,758	545.40	19.72	1.00	7,498.24	1.43	1.00
4 Blue	8,177	551.95	14.81	0.75	6,852.28	1.19	0.83
5 Green	31,339	1,226.29	25.56	1.30	15,923.76	1.97	1.37
5 Green Express	3,694	194.07	19.03	0.96	2,914.43	1.27	0.88
5 Green Hopper	22,616	730.32	30.97	1.57	9,635.98	2.35	1.64
6 Orange	13,050	716.55	18.21	0.92	9,216.25	1.42	0.99
6 Orange Hopper	7,370	284.17	25.94	1.31	3,338.46	2.21	1.54
7 Grey	18,548	967.70	19.17	0.97	13,413.18	1.38	0.96
8 Bronze	2,969	307.35	9.66	0.49	4,556.77	0.65	0.45
9 Brown	15,503	1,123.08	13.80	0.70	15,455.45	1.00	0.70
10 Gold	22,146	1,061.68	20.86	1.06	13,943.64	1.59	1.11
14 Navy	6,868	442.93	15.51	0.79	8,467.00	0.81	0.57
16 Pink	2,841	553.67	5.13	0.26	10,221.35	0.28	0.19
Evening Campus Fixed Route	10,916	502.83	21.71		5,995.44	1.82	

* The Percent of Group Ridership shows how the ridership for the route compares to the group
+ Performance Comparison shows each Route's Passengers Per Revenue Hour or Mile compared to the Route Group's average
Routes that are continually above 1.5 or below 0.5 may need to be examined as they are not performing within the Group Standards.

13

	Passengers	Revenue Hours	Passengers Per Revenue Hour	Revenue Hour Performance Comparison +	Revenue Miles	Passengers Per Revenue Mile	Revenue Mile Performance Comparison +
120 Teal	3,565	198.60	17.95	0.83	2,319.59	1.54	0.84
130 Silver Limited	1,381	105.60	13.08	0.60	1,430.23	0.97	0.53
220 Illini Limited	5,970	198.63	30.06	1.38	2,245.62	2.66	1.46
Evening Community Fixed Route	28,496	1,723.93	16.53		24,817.52	1.15	
50 Green	7,339	353.65	20.75	1.26	5,051.52	1.45	1.27
50 Green Hopper	5,520	247.45	22.31	1.35	3,330.06	1.66	1.44
70 Grey	5,245	350.88	14.95	0.90	4,980.86	1.05	0.92
100 Yellow	8,217	529.22	15.53	0.94	7,008.74	1.17	1.02
110 Ruby	1,335	79.57	16.78	1.02	1,301.60	1.03	0.89
180 Lime	840	163.17	5.15	0.31	3,144.73	0.27	0.23
Total	316,607	15,758.30	20.09		212,044.56	1.49	

* The Percent of Group Ridership shows how the ridership for the route compares to the group
+ Performance Comparison shows each Route's Passengers Per Revenue Hour or Mile compared to the Route Group's average
Routes that are continually above 1.5 or below 0.5 may need to be examined as they are not performing within the Group Standards.

Route Performance Report

July 2025

Weekends

	Passengers	Revenue Hours	Passengers Per Revenue Hour	Revenue Hour Performance Comparison +	Revenue Miles	Passengers Per Revenue Mile	Revenue Mile Performance Comparison +
Saturday Daytime Campus Fixed	4,602	214.53	21.45		2,475.99	1.86	
120 Teal	1,612	95.20	16.93	0.79	1,036.33	1.56	0.84
130 Silver	950	41.00	23.17	1.08	556.17	1.71	0.92
220 Illini	2,040	78.33	26.04	1.21	883.50	2.31	1.24
Saturday Daytime Community	18,670	928.36	20.11		13,039.72	1.43	
20 Red	2,265	129.27	17.52	0.87	1,690.40	1.34	0.94
30 Lavender	1,416	87.62	16.16	0.80	1,386.83	1.02	0.71
50 Green	5,748	181.78	31.62	1.57	2,355.39	2.44	1.70
70 Grey	4,146	185.43	22.36	1.11	2,488.19	1.67	1.16
100 Yellow	3,776	217.88	17.33	0.86	2,897.23	1.30	0.91
110 Ruby	749	42.20	17.75	0.88	723.48	1.04	0.72
180 Lime	570	84.17	6.77	0.34	1,498.19	0.38	0.27
Saturday Evening Campus Fixed	1,909	99.60	19.17		1,146.87	1.66	
120 Teal	555	38.40	14.45	0.75	420.47	1.32	0.79
130 Silver	217	19.20	11.30	0.59	260.04	0.83	0.50
220 Illini	1,137	42.00	27.07	1.41	466.36	2.44	1.46
Saturday Evening Community	5,114	324.47	15.76		4,532.36	1.13	
50 Green	1,457	64.40	22.62	1.44	886.05	1.64	1.46
50 Green Hopper	1,001	40.00	25.03	1.59	516.04	1.94	1.72
70 Grey	943	72.43	13.02	0.83	981.78	0.96	0.85
100 Yellow	1,329	104.20	12.75	0.81	1,381.06	0.96	0.85
110 Ruby	153	12.53	12.21	0.77	217.63	0.70	0.62
180 Lime	231	30.90	7.48	0.47	549.79	0.42	0.37

* The Percent of Group Ridership shows how the ridership for the route compares to the group

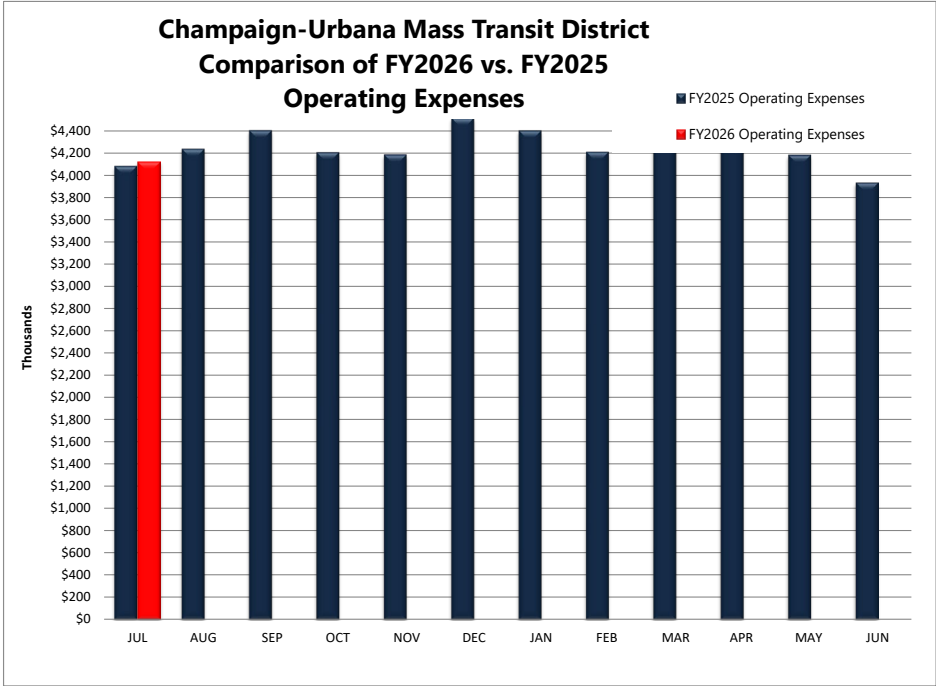
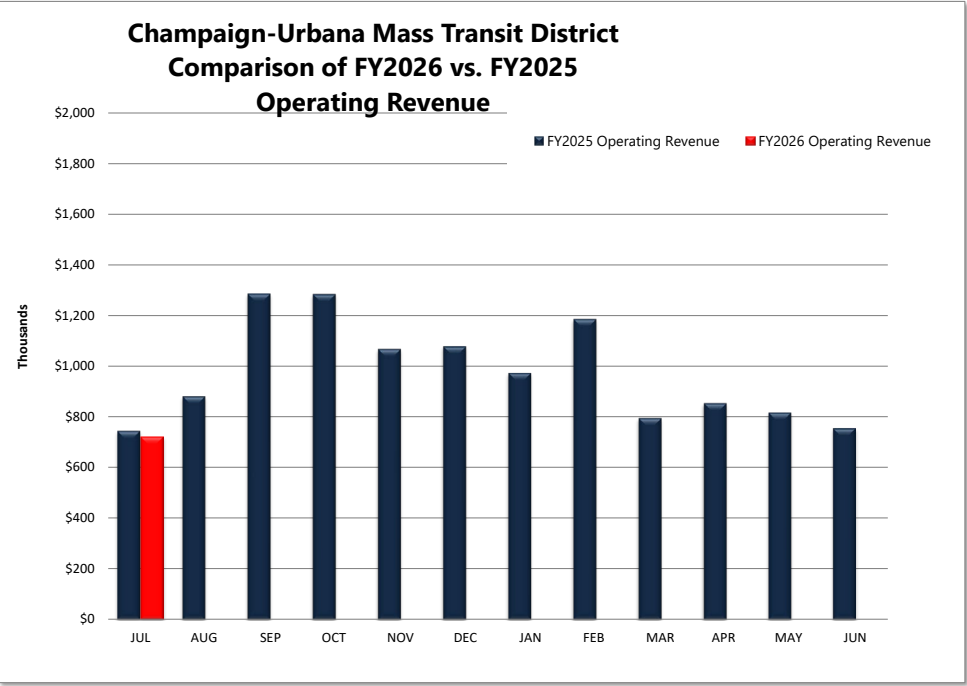
+ Performance Comparison shows each Route's Passengers Per Revenue Hour or Mile compared to the Route Group's average
Routes that are continually above 1.5 or below 0.5 may need to be examined as they are not performing within the Group Standards.

	Passengers	Revenue Hours	Passengers Per Revenue Hour	Revenue Hour Performance Comparison +	Revenue Miles	Passengers Per Revenue Mile	Revenue Mile Performance Comparison +
Sunday Daytime Campus Fixed Route	3,555	165.60	21.47		1,913.85	1.86	
120 Teal	1,096	68.73	15.95	0.74	748.82	1.46	0.79
130 Silver	674	30.20	22.32	1.04	409.89	1.64	0.89
220 Illini	1,785	66.67	26.78	1.25	755.14	2.36	1.27
Sunday Daytime Community Fixed Route	12,383	605.30	20.46		8,579.64	1.44	
30 Lavender	968	72.00	13.44	0.66	1,134.33	0.85	0.59
50 Green	4,281	136.35	31.40	1.53	1,764.83	2.43	1.68
70 Grey	2,726	137.67	19.80	0.97	1,858.14	1.47	1.02
100 Yellow	3,578	166.95	21.43	1.05	2,196.49	1.63	1.13
110 Ruby	480	32.07	14.97	0.73	554.94	0.86	0.60
180 Lime	350	60.27	5.81	0.28	1,070.93	0.33	0.23
Total	46,233	2,337.86	19.78		31,688.42	1.46	

* The Percent of Group Ridership shows how the ridership for the route compares to the group

+ Performance Comparison shows each Route's Passengers Per Revenue Hour or Mile compared to the Route Group's average
Routes that are continually above 1.5 or below 0.5 may need to be examined as they are not performing within the Group Standards.

	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
FY2025 Operating Revenue	\$745,360	\$881,756	\$1,286,746	\$1,284,311	\$1,068,024	\$1,078,075	\$973,588	\$1,185,774	\$795,456	\$854,146	\$817,710	\$755,257
FY2026 Operating Revenue	\$719,575	\$0										
FY2025 Operating Expenses	\$4,080,560	\$4,233,866	\$4,400,550	\$4,203,131	\$4,183,103	\$4,511,926	\$4,399,678	\$4,207,778	\$4,381,561	\$4,276,159	\$4,180,761	\$3,930,334
FY2026 Operating Expenses	\$4,119,623	\$0										
FY2025 Operating Ratio	18.27%	20.83%	29.24%	30.56%	25.53%	23.89%	22.13%	28.18%	18.15%	19.97%	19.56%	19.22%
FY2026 Operating Ratio	17.47%											



HOURS	July 2024	July 2025	% Change	FY2025 to Date	FY2026 to Date	% Change
Passenger Revenue	19,813.53	20,240.20	2.2%	19,813.53	20,240.20	2.2%
Vacation/Holiday/Earned Time	9,939.95	11,285.47	13.5%	9,939.95	11,285.47	13.5%
Non-Revenue	7,458.85	8,426.84	13.0%	7,458.85	8,426.84	13.0%
TOTAL	37,212.33	39,952.51	7.36%	37,212.33	39,952.51	7.36%

REVENUE/EXPENSES	July 2024	July 2025	% Change	FY2025 to Date	FY2026 to Date	% Change
Operating Revenue	\$745,359.87	\$719,574.76	-3.5%	\$745,359.87	\$719,574.76	-3.5%
Operating Expenses	\$4,080,560.46	\$4,119,622.50	1.0%	\$4,080,560.46	\$4,119,622.50	1.0%
Operating Ratio	18.27%	17.47%	-4.4%	18.27%	17.47%	-4.4%
Passenger Revenue/Revenue Vehicle Hour	\$23.00	\$23.39	1.7%	\$23.00	\$23.39	1.7%

RIDERSHIP	July 2024	July 2025	% Change	FY2025 to Date	FY2026 to Date	% Change
Revenue Passenger	347,045	357,867	3.1%	347,045	357,867	3.1%
Transfers	6,793	6,141	-9.6%	6,793	6,141	-9.6%
Total Unlinked	353,838	364,008	2.9%	353,838	364,008	2.9%
ADA Riders	5,147	6,012	16.8%	5,147	6,012	16.8%
TOTAL	358,985	370,020	3.07%	358,985	370,020	3.07%

PASSENGERS/REVENUE HOUR	July 2024	July 2025	% Change	FY2025 to Date	FY2026 to Date	% Change
Hour	17.86	17.98	0.7%	17.86	17.98	0.7%



Memo

Champaign-Urbana Mass Transit District (MTD)

To Karl Gnadt, Managing Director/CEO
From Nate Warman, Assistant Finance Director
Date August 27, 2025
Subject July 2025 Financials Reports

A. Purpose: The following reports summarize the financial results of MTD for the month ending July 31, 2025:

- Comparative History Report for the months ending July 31, 2025 and July 31, 2024;
- Check and ACH Disbursement Lists for July 2025;
- Bank & Investment Balances and Capital & Operating Balances as of July 31, 2025.

B. Notes on Major Variances

Account Name	7/31/2025	7/31/2024	Variance	Pg. #	Notes
4080100000 Property Tax Revenue	\$991,667.00	\$933,333.00	\$58,334.00	21	The revenue estimate for July 2025 is what we have estimated to collect each month in FY2026 based on property taxes set in 2025. Similarly, the July 2024 revenue estimate was what we anticipated collecting each month in FY2025 based on taxes set in 2024.
5019999000 Total Labor	\$1,941,949.65	\$1,856,418.26	\$85,531.39	23	The increase in total labor costs for July 2025 compared to July 2024 is mainly due to a 3.5% raise to keep up with the cost of living.
5029999900 Total Fringe Benefits	\$1,333,147.11	\$1,254,216.00	\$78,931.11	25	The increase in total fringe benefits is largely due to IMRF expenses rising by \$101,553.28 in July 2025 compared to July 2024. This increase is primarily because there were three pay periods in July 2025, whereas July 2024 had only two.
5049999900 Total Materials & Supplies	\$326,645.97	\$434,418.45	\$(107,772.48)	27	The decrease in total materials and supplies expense for July 2025 is due primarily due to 26 new buses that were placed in service within the last year and are all under warranty so less repairs were needed compared to July 2024.

Champaign Urbana Mass Transit District

Comparative History Report

From Fiscal Year: 2026 Period 1
Thru Fiscal Year: 2026 Period 1

Division: 00 Champaign Urbana Mass Transit District

As of: 7/31/2025

Jul-2025	Jul-2024	Variance	Var/Last Var %		Jul-2025	Jul-2024	Variance	Var/Last Var %
4000000000 ***** R E V E N U E *****								
4000000099 ** TRANSPORTATION REVENUE								
4010000000 * PASSENGER FARES								
27,731.49	30,270.20	-2,538.71	-8.39%	4010100000 FULL ADULT FARES	27,731.49	30,270.20	-2,538.71	-8.39%
1,184.00	632.00	552.00	87.34%	4010300000 STUDENT FARES	1,184.00	632.00	552.00	87.34%
-208.00	-77.00	-131.00	170.13%	4010700000 FARE REFUNDS	-208.00	-77.00	-131.00	170.13%
11,879.00	11,267.00	612.00	5.43%	4010800000 ANNUAL PASS REVENUE	11,879.00	11,267.00	612.00	5.43%
0.00	0.00	0.00	0.00%	4011000000 HALF FARE CAB	0.00	0.00	0.00	0.00%
6,335.00	6,483.00	-148.00	-2.28%	4011100000 ADA TICKETS & FARES	6,335.00	6,483.00	-148.00	-2.28%
46,921.49	48,575.20	-1,653.71	-3.40%	4019900099 * TOTAL PASSENGER FARES	46,921.49	48,575.20	-1,653.71	-3.40%
4020000000 * SPECIAL TRANSIT & SCHOOL FARE								
398,767.19	380,851.41	17,915.78	4.70%	4020300000 U OF I CAMPUS SERVICE	398,767.19	380,851.41	17,915.78	4.70%
27,700.08	26,200.58	1,499.50	5.72%	4020500000 ADA - U I & DSC CONTRACTS	27,700.08	26,200.58	1,499.50	5.72%
81.00	60.00	21.00	35.00%	4030100000 SCHOOL SERVICE FARES	81.00	60.00	21.00	35.00%
426,548.27	407,111.99	19,436.28	4.77%	4039999999 * TOTAL SPECIAL TRANSIT & SCHOO	426,548.27	407,111.99	19,436.28	4.77%
4060000000 *AUXILIARY TRANSPORTATION REVE								
3,549.81	2,390.27	1,159.54	48.51%	4060100000 I.T. COMMISSIONS	3,549.81	2,390.27	1,159.54	48.51%
19,844.38	35,236.05	-15,391.67	-43.68%	4060300000 ADVERTISING REVENUE	19,844.38	35,236.05	-15,391.67	-43.68%
23,394.19	37,626.32	-14,232.13	-37.82%	4069900098 *TOTAL AUXILIARY TRANSPORTATIO	23,394.19	37,626.32	-14,232.13	-37.82%
496,863.95	493,313.51	3,550.44	0.72%	4069900099 ** TOTAL TRANSPORTATION REVEN	496,863.95	493,313.51	3,550.44	0.72%
4070000000 ** NON-TRANSPORTATION REVENUE								
3,088.52	2,110.48	978.04	46.34%	4070100000 SALE OF MAINTENANCE SERVICES	3,088.52	2,110.48	978.04	46.34%
0.00	0.00	0.00	0.00%	4070200000 RENTAL OF REVENUE VEHICLES	0.00	0.00	0.00	0.00%
35,541.18	38,242.74	-2,701.56	-7.06%	4070300000 BUILDING RENTAL - IL TERMINAL	35,541.18	38,242.74	-2,701.56	-7.06%
22,997.07	10,762.92	12,234.15	113.67%	4070300002 BUILDING RENTAL - 803 & 1101	22,997.07	10,762.92	12,234.15	113.67%
0.00	0.00	0.00	0.00%	4070399999 BUILDING RENTAL - GASB 87 CONTR	0.00	0.00	0.00	0.00%
158,902.19	188,576.01	-29,673.82	-15.74%	4070400000 INVESTMENT INCOME	158,902.19	188,576.01	-29,673.82	-15.74%
0.00	0.00	0.00	0.00%	4070400002 +/- FAIR VALUE OF INVESTMENT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	4070400003 INTEREST INCOME - LEASES	0.00	0.00	0.00	0.00%

Champaign Urbana Mass Transit District

Comparative History Report

From Fiscal Year: 2026 Period 1
Thru Fiscal Year: 2026 Period 1

Division: 00 Champaign Urbana Mass Transit District

As of: 7/31/2025

Jul-2025	Jul-2024	Variance	Var/Last Var %		Jul-2025	Jul-2024	Variance	Var/Last Var %
0.00	0.00	0.00	0.00%	4070400004 AMORTIZATION REVENUE	0.00	0.00	0.00	0.00%
25.26	24.51	0.75	3.06%	4070800000 OVER OR SHORT	25.26	24.51	0.75	3.06%
0.00	316.00	-316.00	-100.00%	4079800000 GAIN ON FIXED ASSET DISPOSAL	0.00	316.00	-316.00	-100.00%
2,156.59	12,013.70	-9,857.11	-82.05%	4079900001 OTHER NON-TRANSPORTATION REV	2,156.59	12,013.70	-9,857.11	-82.05%
222,710.81	252,046.36	-29,335.55	-11.64%	4079900099 ** TOTAL NON-TRANSPORTATION RE	222,710.81	252,046.36	-29,335.55	-11.64%
719,574.76	745,359.87	-25,785.11	-3.46%	4079999999 *** TOTAL TRANS & NON-TRANS REV	719,574.76	745,359.87	-25,785.11	-3.46%
4080000000 ** TAX REVENUE								
991,667.00	933,333.00	58,334.00	6.25%	4080100000 PROPERTY TAX REVENUE	991,667.00	933,333.00	58,334.00	6.25%
0.00	0.00	0.00	0.00%	4080100001 PROPERTY TAX - UNCOLLECTIBLE R	0.00	0.00	0.00	0.00%
8,564.45	13,617.09	-5,052.64	-37.11%	4080600000 REPLACEMENT TAX REVENUE	8,564.45	13,617.09	-5,052.64	-37.11%
0.00	0.00	0.00	0.00%	4089900001 MISCELLANEOUS PROPERTY TAXES	0.00	0.00	0.00	0.00%
1,000,231.45	946,950.09	53,281.36	5.63%	4089999999 ** TOTAL TAX REVENUE	1,000,231.45	946,950.09	53,281.36	5.63%
4110000000 ** STATE GRANTS & REIMBURSEME								
2,668,512.15	2,635,015.53	33,496.62	1.27%	4110100000 OPERATING ASSISTANCE - STATE	2,668,512.15	2,635,015.53	33,496.62	1.27%
0.00	0.00	0.00	0.00%	4110100001 OPERATING ASSIST - DEBT SERVICE	0.00	0.00	0.00	0.00%
0.00	1,714,687.00	-1,714,687.00	-100.00%	4111000000 STATE GRANT REVENUE	0.00	1,714,687.00	-1,714,687.00	-100.00%
0.00	0.00	0.00	0.00%	4111000001 STATE GRANT REVENUE - PASS TH	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	4119900000 STATE REIMBURSEMENTS	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	4119900001 STATE REIMB - PASS THRU \$	0.00	0.00	0.00	0.00%
2,668,512.15	4,349,702.53	-1,681,190.38	-38.65%	4119999999 ** TOTAL STATE GRANTS & REIMB	2,668,512.15	4,349,702.53	-1,681,190.38	-38.65%
4130000000 ** FEDERAL GRANTS & REIMBURSE								
0.00	0.00	0.00	0.00%	4130100000 OPERATING ASSISTANCE - FEDERAL	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	4130500000 FEDERAL GRANT REVENUE	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	4130600000 FEDERAL GRANT PASS THRU \$	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	4139900000 FEDERAL REIMBURSEMENTS	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	4139999999 ** TOTAL FEDERAL GRANTS & REIM	0.00	0.00	0.00	0.00%
4150000000 **OTHER AGENCY REVENUES								
0.00	0.00	0.00	0.00%	4150130000 CONTRIBUTED CAPITAL - GOV'T	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	4150130010 CONTRIBUTED CAPITAL - NON-GOV'T	0.00	0.00	0.00	0.00%

Champaign Urbana Mass Transit District
Comparative History Report

From Fiscal Year: 2026		Period 1	Division: 00 Champaign Urbana Mass Transit District					As of: 7/31/2025	
Thru Fiscal Year: 2026		Period 1							
Jul-2025	Jul-2024	Variance	Var/Last Var %			Jul-2025	Jul-2024	Variance	Var/Last Var %
0.00	0.00	0.00	0.00%	4159999999	***TOTAL OTHER AGENCY REVENUE	0.00	0.00	0.00	0.00%
4,388,318.36	6,042,012.49	-1,653,694.13	-27.37%	4999900099	**** TOTAL REVENUE ****	4,388,318.36	6,042,012.49	-1,653,694.13	-27.37%

Champaign Urbana Mass Transit District

Comparative History Report

From Fiscal Year: 2026 Period 1
Thru Fiscal Year: 2026 Period 1

Division: 00 Champaign Urbana Mass Transit District

As of: 7/31/2025

Jul-2025	Jul-2024	Variance	Var/Last Var %		Jul-2025	Jul-2024	Variance	Var/Last Var %
5000000000 ***** EXPENSES *****								
5010000000 ** LABOR								
1,018,306.97	963,454.36	54,852.61	5.69%	5010101000 OPERATORS WAGES	1,018,306.97	963,454.36	54,852.61	5.69%
149,280.37	146,062.83	3,217.54	2.20%	5010204000 MECHANICS WAGES - MAINT	149,280.37	146,062.83	3,217.54	2.20%
113,477.97	106,402.28	7,075.69	6.65%	5010304000 MAINTENANCE WAGES - MAINT	113,477.97	106,402.28	7,075.69	6.65%
149,979.11	149,708.64	270.47	0.18%	5010401000 SUPERVISORS SALARIES - OPS	149,979.11	149,708.64	270.47	0.18%
33,595.11	35,172.22	-1,577.11	-4.48%	5010404000 SUPERVISORS SALARIES - MAINT	33,595.11	35,172.22	-1,577.11	-4.48%
94,261.62	87,956.51	6,305.11	7.17%	5010501000 OVERHEAD SALARIES - OPS	94,261.62	87,956.51	6,305.11	7.17%
45,691.10	38,800.81	6,890.29	17.76%	5010504000 OVERHEAD SALARIES - MAINT	45,691.10	38,800.81	6,890.29	17.76%
191,456.60	209,510.73	-18,054.13	-8.62%	5010516000 OVERHEAD SALARIES - G&A	191,456.60	209,510.73	-18,054.13	-8.62%
23,673.95	22,988.33	685.62	2.98%	5010516200 OVERHEAD SALARIES - IT	23,673.95	22,988.33	685.62	2.98%
20,991.37	13,979.53	7,011.84	50.16%	5010601000 CLERICAL WAGES - OPS	20,991.37	13,979.53	7,011.84	50.16%
0.00	0.00	0.00	0.00%	5010604000 CLERICAL WAGES - MAINT	0.00	0.00	0.00	0.00%
64,211.30	51,467.36	12,743.94	24.76%	5010616000 CLERICAL WAGES - G&A	64,211.30	51,467.36	12,743.94	24.76%
14,124.76	12,875.76	1,249.00	9.70%	5010616200 CLERICAL WAGES - IT	14,124.76	12,875.76	1,249.00	9.70%
13,577.67	10,730.61	2,847.06	26.53%	5010716200 SECURITY WAGES - IT	13,577.67	10,730.61	2,847.06	26.53%
-3,931.78	-3,822.73	-109.05	2.85%	5010801000 LABOR CREDIT - OPS	-3,931.78	-3,822.73	-109.05	2.85%
-5,652.60	-4,862.00	-790.60	16.26%	5010804000 LABOR CREDIT - MAINT	-5,652.60	-4,862.00	-790.60	16.26%
-859.33	-625.70	-233.63	37.34%	5010806000 LABOR CREDIT - G&A	-859.33	-625.70	-233.63	37.34%
19,765.46	16,618.72	3,146.74	18.93%	5010816200 MAINTENANCE WAGES - IT	19,765.46	16,618.72	3,146.74	18.93%
0.00	0.00	0.00	0.00%	5010901000 REDUCED/REASSIGNMNT PAY - OPS	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5010904000 REDUCED/REASSIGNMNT PAY - MAI	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5010916000 REDUCED/REASSIGNMNT PAY - G&A	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5010916200 REDUCED/REASSIGNMNT PAY - IT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5011001000 MEAL DELIVERY WAGES - OPS (NON	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5012001000 U OF I COVID ROUTE WAGES	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5013001000 COVID VACCINE INCENTIVE WAGES	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5013016000 COVID TESTING WAGES	0.00	0.00	0.00	0.00%
1,941,949.65	1,856,418.26	85,531.39	4.61%	5019999000 ** TOTAL LABOR	1,941,949.65	1,856,418.26	85,531.39	4.61%
5020000000 ** FRINGE BENEFITS								
121,621.34	101,930.35	19,690.99	19.32%	5020101000 FICA - OPS	121,621.34	101,930.35	19,690.99	19.32%
30,754.92	24,496.00	6,258.92	25.55%	5020104000 FICA - MAINT	30,754.92	24,496.00	6,258.92	25.55%
19,053.92	17,223.92	1,830.00	10.62%	5020116000 FICA - G&A	19,053.92	17,223.92	1,830.00	10.62%
5,662.49	4,486.75	1,175.74	26.20%	5020116200 FICA - IT	5,662.49	4,486.75	1,175.74	26.20%
193,050.08	120,211.03	72,839.05	60.59%	5020201000 IMRF - OPS	193,050.08	120,211.03	72,839.05	60.59%

Champaign Urbana Mass Transit District

Comparative History Report

From Fiscal Year: 2026 Period 1
Thru Fiscal Year: 2026 Period 1

Division: 00 Champaign Urbana Mass Transit District

As of: 7/31/2025

Jul-2025	Jul-2024	Variance	Var/Last Var %		Jul-2025	Jul-2024	Variance	Var/Last Var %
46,724.50	29,551.75	17,172.75	58.11%	5020204000 IMRF - MAINT	46,724.50	29,551.75	17,172.75	58.11%
27,924.04	19,830.58	8,093.46	40.81%	5020216000 IMRF - G&A	27,924.04	19,830.58	8,093.46	40.81%
8,629.30	5,181.28	3,448.02	66.55%	5020216200 IMRF - IT	8,629.30	5,181.28	3,448.02	66.55%
349,511.77	382,579.50	-33,067.73	-8.64%	5020301000 MEDICAL INSURANCE - OPS	349,511.77	382,579.50	-33,067.73	-8.64%
83,174.64	98,199.50	-15,024.86	-15.30%	5020304000 MEDICAL INSURANCE - MAINT	83,174.64	98,199.50	-15,024.86	-15.30%
54,099.80	52,826.00	1,273.80	2.41%	5020316000 MEDICAL INSURANCE - G&A	54,099.80	52,826.00	1,273.80	2.41%
23,076.56	28,302.00	-5,225.44	-18.46%	5020316200 MEDICAL INSURANCE - IT	23,076.56	28,302.00	-5,225.44	-18.46%
0.00	0.00	0.00	0.00%	5020401000 DENTAL INSURANCE - OPS	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5020404000 DENTAL INSURANCE - MAINT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5020416000 DENTAL INSURANCE - G&A	0.00	0.00	0.00	0.00%
1,616.80	1,685.60	-68.80	-4.08%	5020501000 LIFE INSURANCE - OPS	1,616.80	1,685.60	-68.80	-4.08%
488.80	536.55	-47.75	-8.90%	5020504000 LIFE INSURANCE - MAINT	488.80	536.55	-47.75	-8.90%
445.18	2,863.34	-2,418.16	-84.45%	5020516000 LIFE INSURANCE - G&A	445.18	2,863.34	-2,418.16	-84.45%
141.00	133.77	7.23	5.40%	5020516200 LIFE INSURANCE - IT	141.00	133.77	7.23	5.40%
0.00	0.00	0.00	0.00%	5020601000 OPEB EXPENSE - OPS	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5020604000 OPEB EXPENSE - MAINT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5020616000 OPEB EXPENSE - G&A	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5020616200 OPEB EXPENSE - IT	0.00	0.00	0.00	0.00%
707.46	835.69	-128.23	-15.34%	5020701000 UNEMPLOYMENT INSURANCE - OPS	707.46	835.69	-128.23	-15.34%
187.69	38.80	148.89	383.74%	5020704000 UNEMPLOYMENT INSURANCE - MAIN	187.69	38.80	148.89	383.74%
69.07	4.24	64.83	> 999.99%	5020716000 UNEMPLOYMENT INSURANCE - G&A	69.07	4.24	64.83	> 999.99%
253.90	62.66	191.24	305.20%	5020716200 UNEMPLOYMENT INSURANCE - IT	253.90	62.66	191.24	305.20%
38,758.00	26,620.00	12,138.00	45.60%	5020801000 WORKERS COMP INSURANCE - OPS	38,758.00	26,620.00	12,138.00	45.60%
7,955.00	5,561.00	2,394.00	43.05%	5020804000 WORKERS COMP INSURANCE - MAIN	7,955.00	5,561.00	2,394.00	43.05%
4,231.00	3,084.00	1,147.00	37.19%	5020816000 WORKERS COMP INSURANCE - G&A	4,231.00	3,084.00	1,147.00	37.19%
1,379.00	955.00	424.00	44.40%	5020816200 WORKERS COMP INSURANCE - IT	1,379.00	955.00	424.00	44.40%
38,895.68	38,465.69	429.99	1.12%	5021001000 HOLIDAYS - OPS	38,895.68	38,465.69	429.99	1.12%
12,191.72	12,393.39	-201.67	-1.63%	5021004000 HOLIDAYS - MAINT	12,191.72	12,393.39	-201.67	-1.63%
0.00	0.00	0.00	0.00%	5021016000 HOLIDAYS - G&A	0.00	0.00	0.00	0.00%
2,471.69	3,130.88	-659.19	-21.05%	5021016200 HOLIDAYS - IT	2,471.69	3,130.88	-659.19	-21.05%
104,141.48	114,835.01	-10,693.53	-9.31%	5021101000 VACATIONS - OPS	104,141.48	114,835.01	-10,693.53	-9.31%
26,175.32	25,001.42	1,173.90	4.70%	5021104000 VACATIONS - MAINT	26,175.32	25,001.42	1,173.90	4.70%
0.00	0.00	0.00	0.00%	5021116000 VACATION - G&A	0.00	0.00	0.00	0.00%
0.00	1,511.92	-1,511.92	-100.00%	5021116200 VACATIONS - IT	0.00	1,511.92	-1,511.92	-100.00%
7,794.88	6,234.98	1,559.90	25.02%	5021201000 OTHER PAID ABSENCES - OPS	7,794.88	6,234.98	1,559.90	25.02%
270.88	905.96	-635.08	-70.10%	5021204000 OTHER PAID ABSENCES - MAINT	270.88	905.96	-635.08	-70.10%
0.00	0.00	0.00	0.00%	5021216000 OTHER PAID ABSENCES - G&A	0.00	0.00	0.00	0.00%
0.00	512.13	-512.13	-100.00%	5021216200 OTHER PAID ABSENCES - IT	0.00	512.13	-512.13	-100.00%

Champaign Urbana Mass Transit District

Comparative History Report

From Fiscal Year: 2026 Period 1
Thru Fiscal Year: 2026 Period 1

Division: 00 Champaign Urbana Mass Transit District

As of: 7/31/2025

Jul-2025	Jul-2024	Variance	Var/Last Var %		Jul-2025	Jul-2024	Variance	Var/Last Var %
5,771.55	1,847.10	3,924.45	212.47%	5021301000 UNIFORM ALLOWANCES - OPS	5,771.55	1,847.10	3,924.45	212.47%
4,499.04	987.09	3,511.95	355.79%	5021304000 UNIFORM ALLOWANCES - MAINT	4,499.04	987.09	3,511.95	355.79%
56.00	121.25	-65.25	-53.81%	5021316200 UNIFORM ALLOWANCES - IT	56.00	121.25	-65.25	-53.81%
856.80	0.00	856.80	100.00%	5021401000 OTHER FRINGE BENEFITS - OPS	856.80	0.00	856.80	100.00%
120.00	0.00	120.00	100.00%	5021404000 OTHER FRINGE BENEFITS - MAINT	120.00	0.00	120.00	100.00%
6,497.73	4,626.75	1,870.98	40.44%	5021416000 OTHER FRINGE BENEFITS - G&A	6,497.73	4,626.75	1,870.98	40.44%
0.00	0.00	0.00	0.00%	5021416200 OTHER FRINGE BENEFITS - IT	0.00	0.00	0.00	0.00%
80,176.45	88,173.01	-7,996.56	-9.07%	5021501000 EARNED TIME - OPS	80,176.45	88,173.01	-7,996.56	-9.07%
18,221.25	13,626.24	4,595.01	33.72%	5021504000 EARNED TIME - MAINT	18,221.25	13,626.24	4,595.01	33.72%
2,930.50	2,165.92	764.58	35.30%	5021516200 EARNED TIME - IT	2,930.50	2,165.92	764.58	35.30%
0.00	10,957.61	-10,957.61	-100.00%	5021604000 TOOL ALLOWANCE - MAINT	0.00	10,957.61	-10,957.61	-100.00%
1,823.68	824.85	998.83	121.09%	5021701000 DISABILITY - OPS	1,823.68	824.85	998.83	121.09%
0.00	0.00	0.00	0.00%	5021704000 DISABILITY - MAINT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5021716200 DISABILITY - IT	0.00	0.00	0.00	0.00%
736.20	695.49	40.71	5.85%	5021801000 WORKERS COMP - PAYROLL - OPS	736.20	695.49	40.71	5.85%
0.00	0.00	0.00	0.00%	5021804000 WORKERS COMP - PAYROLL - MAINT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5021816200 WORKERS COMP - PAYROLL - IT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5021901000 ROTATION BOARD PAY - OPS	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5021904000 ROTATION BOARD PAY - MAINT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5021916000 ROTATION BOARD PAY - G&A	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5021916200 ROTATION BOARD PAY - IT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5022001000 EARLY RETIREMENT PLAN - OPS	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5022004000 EARLY RETIREMENT PLAN - MAINT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5022016000 EARLY RETIREMENT PLAN - G&A	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5022016200 EARLY RETIREMENT PLAN - IT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5023001000 "SICK BANK" EXPENSES - OPS	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5023004000 "SICK BANK" EXPENSES - MAINT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5023016000 "SICK BANK" EXPENSES - G&A	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5023016200 "SICK BANK" EXPENSES - IT	0.00	0.00	0.00	0.00%
1,333,147.11	1,254,216.00	78,931.11	6.29%	5029999900 ** TOTAL FRINGE BENEFITS	1,333,147.11	1,254,216.00	78,931.11	6.29%
5030000000 ** SERVICES								
24,472.04	11,524.94	12,947.10	112.34%	5030316000 PROFESSIONAL SERVICES - G&A	24,472.04	11,524.94	12,947.10	112.34%
1,500.00	0.00	1,500.00	100.00%	5030316200 PROFESSIONAL SERVICES - IT	1,500.00	0.00	1,500.00	100.00%
0.00	0.00	0.00	0.00%	5030316300 PROFESSIONAL SERVICES - IT - NON	0.00	0.00	0.00	0.00%
11,000.00	11,000.00	0.00	0.00%	5030316400 PROFESSIONAL SERVICES - G&A - N	11,000.00	11,000.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5030404000 TEMPORARY HELP - MAINT	0.00	0.00	0.00	0.00%

Champaign Urbana Mass Transit District

Comparative History Report

From Fiscal Year: 2026 Period 1
Thru Fiscal Year: 2026 Period 1

Division: 00 Champaign Urbana Mass Transit District

As of: 7/31/2025

Jul-2025	Jul-2024	Variance	Var/Last Var %		Jul-2025	Jul-2024	Variance	Var/Last Var %
0.00	0.00	0.00	0.00%	5030416000 TEMPORARY HELP - G&A	0.00	0.00	0.00	0.00%
40,788.90	8,964.52	31,824.38	355.00%	5030501000 CONTRACT MAINTENANCE - OPS	40,788.90	8,964.52	31,824.38	355.00%
22,238.21	22,025.79	212.42	0.96%	5030504000 CONTRACT MAINTENANCE - MAINT	22,238.21	22,025.79	212.42	0.96%
68,924.68	88,938.23	-20,013.55	-22.50%	5030516000 CONTRACT MAINTENANCE - G&A	68,924.68	88,938.23	-20,013.55	-22.50%
831.32	2,707.84	-1,876.52	-69.30%	5030516200 CONTRACT MAINTENANCE - IT	831.32	2,707.84	-1,876.52	-69.30%
0.00	0.00	0.00	0.00%	5030516300 CONTRACT MAINTENANCE - IT - NON	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5030599999 CONTRACT MAINT - GASB 96 CONTR	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5030604000 CUSTODIAL SERVICES - MAINT	0.00	0.00	0.00	0.00%
361.87	446.63	-84.76	-18.98%	5030801000 PRINTING SERVICES - OPS	361.87	446.63	-84.76	-18.98%
0.00	0.00	0.00	0.00%	5030804000 PRINTING SERVICES - MAINT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5030816000 PRINTING SERVICES - G&A	0.00	0.00	0.00	0.00%
0.00	120.00	-120.00	-100.00%	5030816200 PRINTING SERVICES - IT	0.00	120.00	-120.00	-100.00%
0.00	0.00	0.00	0.00%	5030816300 PRINTING SERVICES - IT - NON-REIM	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5031216000 CABS	0.00	0.00	0.00	0.00%
5,299.09	5,942.25	-643.16	-10.82%	5039901000 OTHER SERVICES - OPS	5,299.09	5,942.25	-643.16	-10.82%
810.55	1,378.82	-568.27	-41.21%	5039904000 OTHER SERVICES - MAINT	810.55	1,378.82	-568.27	-41.21%
1,057.40	105.00	952.40	907.05%	5039916000 OTHER SERVICES - G&A	1,057.40	105.00	952.40	907.05%
121.00	323.35	-202.35	-62.58%	5039916200 OTHER SERVICES - IT	121.00	323.35	-202.35	-62.58%
0.00	0.00	0.00	0.00%	5039916300 OTHER SERVICES - IT - NON-REIMB	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5039916400 OTHER SERVICES - G&A - NON-REIM	0.00	0.00	0.00	0.00%
177,405.06	153,477.37	23,927.69	15.59%	5039999900 ** TOTAL SERVICES	177,405.06	153,477.37	23,927.69	15.59%
5040000000 ** MATERIALS & SUPPLIES CONSUM								
115,547.61	122,217.01	-6,669.40	-5.46%	5040101000 FUEL & LUBRICANTS - OPS	115,547.61	122,217.01	-6,669.40	-5.46%
13,374.81	12,102.24	1,272.57	10.52%	5040104000 FUEL & LUBRICANTS - MAINT	13,374.81	12,102.24	1,272.57	10.52%
15,144.74	12,416.11	2,728.63	21.98%	5040201000 TIRES & TUBES - OPS - MB DO	15,144.74	12,416.11	2,728.63	21.98%
161.45	1,368.00	-1,206.55	-88.20%	5040204000 TIRES & TUBES - MAINT - DR DO	161.45	1,368.00	-1,206.55	-88.20%
0.00	0.00	0.00	0.00%	5040206000 TIRES & TUBES - NON-REVENUE VEH	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5040304000 GARAGE EQUIPMENT REPAIRS - MAI	0.00	0.00	0.00	0.00%
22,590.82	51,988.28	-29,397.46	-56.55%	5040404000 BLDG & GROUND REPAIRS - MAINT -	22,590.82	51,988.28	-29,397.46	-56.55%
4,986.75	1,941.85	3,044.90	156.80%	5040404001 BLDG & GROUND REPAIRS - MAINT -	4,986.75	1,941.85	3,044.90	156.80%
0.00	309.98	-309.98	-100.00%	5040404002 BLDG & GROUND REPAIRS - MAINT -	0.00	309.98	-309.98	-100.00%
0.00	20.88	-20.88	-100.00%	5040404003 BLDG & GROUND REPAIRS - MAINT -	0.00	20.88	-20.88	-100.00%
0.00	0.00	0.00	0.00%	5040404004 BLDG & GROUND REPAIRS - MAINT -	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5040404005 BLDG & GROUND REPAIRS - MAINT -	0.00	0.00	0.00	0.00%
4,681.86	6,689.32	-2,007.46	-30.01%	5040416200 BLDG & GROUND REPAIRS - IT	4,681.86	6,689.32	-2,007.46	-30.01%
756.45	229.61	526.84	229.45%	5040416300 BLDG & GROUND REPAIRS - IT - NON	756.45	229.61	526.84	229.45%

Champaign Urbana Mass Transit District

Comparative History Report

From Fiscal Year: 2026 Period 1
Thru Fiscal Year: 2026 Period 1

Division: 00 Champaign Urbana Mass Transit District

As of: 7/31/2025

Jul-2025	Jul-2024	Variance	Var/Last Var %		Jul-2025	Jul-2024	Variance	Var/Last Var %
0.00	0.00	0.00	0.00%	5040416400 BLDG & GROUND REPAIRS - G&A - N	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5040500001 REVENUE VEHICLE REPAIRS - CORE	0.00	0.00	0.00	0.00%
87,054.45	162,742.56	-75,688.11	-46.51%	5040504000 REVENUE VEHICLE REPAIRS	87,054.45	162,742.56	-75,688.11	-46.51%
4,730.21	3,487.39	1,242.82	35.64%	5040604000 NON-REVENUE VEHICLE REPAIRS	4,730.21	3,487.39	1,242.82	35.64%
6,739.48	6,771.25	-31.77	-0.47%	5040704000 SERVICE SUPPLIES - MAINT	6,739.48	6,771.25	-31.77	-0.47%
2,378.67	1,559.91	818.76	52.49%	5040716200 SERVICE SUPPLIES - IT	2,378.67	1,559.91	818.76	52.49%
2,642.11	2,899.38	-257.27	-8.87%	5040801000 OFFICE SUPPLIES - OPS	2,642.11	2,899.38	-257.27	-8.87%
320.88	5,118.16	-4,797.28	-93.73%	5040804000 OFFICE SUPPLIES - MAINT	320.88	5,118.16	-4,797.28	-93.73%
890.04	1,497.13	-607.09	-40.55%	5040816000 OFFICE SUPPLIES - G&A	890.04	1,497.13	-607.09	-40.55%
237.51	1,019.24	-781.73	-76.70%	5040816200 OFFICE SUPPLIES - IT	237.51	1,019.24	-781.73	-76.70%
8.29	0.00	8.29	100.00%	5040901000 COMPUTER & SERVER - MISC EXP'S	8.29	0.00	8.29	100.00%
0.00	0.00	0.00	0.00%	5040904000 COMPUTER & SERVER - MISC EXP'S	0.00	0.00	0.00	0.00%
11,969.88	7,816.61	4,153.27	53.13%	5040916000 COMPUTER & SERVER - MISC EXP'S	11,969.88	7,816.61	4,153.27	53.13%
0.00	0.00	0.00	0.00%	5040916200 COMPUTER & SERVER - MISC EXP'S	0.00	0.00	0.00	0.00%
455.09	8,265.95	-7,810.86	-94.49%	5041001000 SAFETY & TRAINING - OPS	455.09	8,265.95	-7,810.86	-94.49%
0.00	0.00	0.00	0.00%	5041004000 SAFETY & TRAINING - MAINT	0.00	0.00	0.00	0.00%
5,020.50	2,238.87	2,781.63	124.24%	5041104000 PASSENGER SHELTER REPAIRS	5,020.50	2,238.87	2,781.63	124.24%
0.00	0.00	0.00	0.00%	5041201000 SMALL TOOLS & EQUIP - OPS	0.00	0.00	0.00	0.00%
7,647.93	11,204.22	-3,556.29	-31.74%	5041204000 SMALL TOOLS & EQUIP - MAINT	7,647.93	11,204.22	-3,556.29	-31.74%
0.00	319.96	-319.96	-100.00%	5041216000 SMALL TOOLS & EQUIP - G&A	0.00	319.96	-319.96	-100.00%
327.22	1,132.91	-805.69	-71.12%	5041216200 SMALL TOOLS & EQUIP - IT	327.22	1,132.91	-805.69	-71.12%
0.00	0.00	0.00	0.00%	5041216300 SMALL TOOLS & EQUIP - IT - NON-RE	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5041216400 SMALL TOOLS & EQUIP - G&A - NON-	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5041304000 FAREBOX REPAIRS	0.00	0.00	0.00	0.00%
5,798.37	7,174.19	-1,375.82	-19.18%	5041404000 CAD/AVL,CAMERA,RADIO REPAIRS -	5,798.37	7,174.19	-1,375.82	-19.18%
13,180.85	1,887.44	11,293.41	598.35%	5041504000 ADA VEHICLE REPAIRS - MAINT	13,180.85	1,887.44	11,293.41	598.35%
326,645.97	434,418.45	-107,772.48	-24.81%	5049999900 ** TOTAL MATERIAL & SUPPLIES	326,645.97	434,418.45	-107,772.48	-24.81%
5050000000 **UTILITIES								
22,958.26	49,190.07	-26,231.81	-53.33%	5050216000 ** UTILITIES - G&A	22,958.26	49,190.07	-26,231.81	-53.33%
11,786.99	12,338.02	-551.03	-4.47%	5050216200 ** UTILITIES - IT	11,786.99	12,338.02	-551.03	-4.47%
5,370.62	6,090.54	-719.92	-11.82%	5050216300 ** UTILITIES - IT - NON-REIMB	5,370.62	6,090.54	-719.92	-11.82%
-1,432.86	7,139.05	-8,571.91	-120.07%	5050216400 ** UTILITIES - G&A - NON-REIMB	-1,432.86	7,139.05	-8,571.91	-120.07%
38,683.01	74,757.68	-36,074.67	-48.26%	5059999900 **TOTAL UTILITIES	38,683.01	74,757.68	-36,074.67	-48.26%
5060000000 ** CASUALTY & LIABILITY COSTS								
20,306.98	17,098.17	3,208.81	18.77%	5060104000 PHYSICAL DAMAGE PREMIUMS - MAI	20,306.98	17,098.17	3,208.81	18.77%

Champaign Urbana Mass Transit District

Comparative History Report

From Fiscal Year: 2026 Period 1
Thru Fiscal Year: 2026 Period 1

Division: 00 Champaign Urbana Mass Transit District

As of: 7/31/2025

Jul-2025	Jul-2024	Variance	Var/Last Var %		Jul-2025	Jul-2024	Variance	Var/Last Var %
0.00	0.00	0.00	0.00%	5060116200 PHYSICAL DAMAGE PREMIUMS - IT	0.00	0.00	0.00	0.00%
-3,456.07	0.00	-3,456.07	-100.00%	5060204000 PHYSICAL DAMAGE RECOVERIES - M	-3,456.07	0.00	-3,456.07	-100.00%
68,080.05	56,948.35	11,131.70	19.55%	5060316000 PL & PD INSURANCE PREMIUMS - G&	68,080.05	56,948.35	11,131.70	19.55%
0.00	0.00	0.00	0.00%	5060316200 PL & PD INSURANCE PREMIUMS - IT	0.00	0.00	0.00	0.00%
49,869.34	37,666.47	12,202.87	32.40%	5060416000 UNINSURED PL & PD PAYOUTS - G&A	49,869.34	37,666.47	12,202.87	32.40%
6,753.58	5,491.55	1,262.03	22.98%	5060816000 PREMIUMS-OTHER COPORATE INS.	6,753.58	5,491.55	1,262.03	22.98%
141,553.88	117,204.54	24,349.34	20.78%	5069999900 ** TOTAL CASUALTY & LIABILITY	141,553.88	117,204.54	24,349.34	20.78%
5070000000 ** TAXES								
0.00	0.00	0.00	0.00%	5070316000 PROPERTY TAXES	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5070316400 PROPERTY TAXES - NON-REIMB	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5070401000 VEHICLE LICENSING FEES - OPS	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5070416000 VEHICLE LICENSING FEES - G&A	0.00	0.00	0.00	0.00%
3,264.40	2,574.05	690.35	26.82%	5070501000 FUEL TAX	3,264.40	2,574.05	690.35	26.82%
3,264.40	2,574.05	690.35	26.82%	5079999900 ** TOTAL TAXES	3,264.40	2,574.05	690.35	26.82%
5080100000 ** PURCHASED TRANSPORTATION								
0.00	0.00	0.00	0.00%	5080116000 CABS (Closed - See GL 5031216000)	0.00	0.00	0.00	0.00%
79,145.83	74,857.83	4,288.00	5.73%	5080216000 ADA CONTRACTS	79,145.83	74,857.83	4,288.00	5.73%
79,145.83	74,857.83	4,288.00	5.73%	5089999900 **TOTAL PURCHASED TRANSPORTA	79,145.83	74,857.83	4,288.00	5.73%
5090000000 ** MISCELLANEOUS EXPENSES								
8,782.07	7,890.61	891.46	11.30%	5090116000 DUES & SUBSCRIPTIONS - G&A	8,782.07	7,890.61	891.46	11.30%
437.50	437.51	-0.01	0.00%	5090116400 DUES & SUBSCRIPTIONS - G&A - NO	437.50	437.51	-0.01	0.00%
1,134.90	3,230.15	-2,095.25	-64.87%	5090216000 TRAVEL & MEETINGS - G&A	1,134.90	3,230.15	-2,095.25	-64.87%
0.00	0.00	0.00	0.00%	5090716000 BAD DEBT EXPENSE	0.00	0.00	0.00	0.00%
8,827.85	23,751.17	-14,923.32	-62.83%	5090816000 ADVERTISING EXPENSES - G&A	8,827.85	23,751.17	-14,923.32	-62.83%
0.00	0.00	0.00	0.00%	5090816200 ADVERTISING EXPENSES - IT	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5090916000 TRUSTEE COMPENSATION	0.00	0.00	0.00	0.00%
346.42	557.92	-211.50	-37.91%	5091016000 POSTAGE	346.42	557.92	-211.50	-37.91%
0.00	0.00	0.00	0.00%	5091516000 LOSS/DISPOSAL FIXED ASSETS	0.00	0.00	0.00	0.00%
10,632.19	1,395.00	9,237.19	662.16%	5091616000 ADVERTISING SERVICES EXPENSE	10,632.19	1,395.00	9,237.19	662.16%
0.00	0.00	0.00	0.00%	5091716000 SUBSTANCE ABUSE PROGRAM	0.00	0.00	0.00	0.00%
246.92	1,347.26	-1,100.34	-81.67%	5099901000 OTHER MISC EXPENSES - OPS	246.92	1,347.26	-1,100.34	-81.67%

Champaign Urbana Mass Transit District

Comparative History Report

From Fiscal Year: 2026 Period 1
Thru Fiscal Year: 2026 Period 1

Division: 00 Champaign Urbana Mass Transit District

As of: 7/31/2025

Jul-2025	Jul-2024	Variance	Var/Last Var %		Jul-2025	Jul-2024	Variance	Var/Last Var %
384.52	1,090.57	-706.05	-64.74%	5099904000 OTHER MISC EXPENSES - MAINT	384.52	1,090.57	-706.05	-64.74%
1,810.29	4,462.93	-2,652.64	-59.44%	5099916000 OTHER MISC EXPENSES - G&A	1,810.29	4,462.93	-2,652.64	-59.44%
0.00	923.48	-923.48	-100.00%	5099916200 OTHER MISC EXPENSES - IT	0.00	923.48	-923.48	-100.00%
86.30	0.00	86.30	100.00%	5099916300 OTHER MISC EXPENSES - IT - NON-R	86.30	0.00	86.30	100.00%
1,522.25	2,701.62	-1,179.37	-43.65%	5099916400 OTHER MISC EXPENSES - G&A - NON	1,522.25	2,701.62	-1,179.37	-43.65%
0.00	0.00	0.00	0.00%	5099926000 UNALLOCATED EXPENSES	0.00	0.00	0.00	0.00%
34,211.21	47,788.22	-13,577.01	-28.41%	5099999900 ** TOTAL MISCELLANEOUS EXPENS	34,211.21	47,788.22	-13,577.01	-28.41%
5110000000 ** INTEREST EXPENSES								
0.00	0.00	0.00	0.00%	5110116000 INTEREST - LONG-TERM DEBTS	0.00	0.00	0.00	0.00%
0.00	907.91	-907.91	-100.00%	5110216000 INTEREST - SHORT-TERM DEBTS	0.00	907.91	-907.91	-100.00%
0.00	0.00	0.00	0.00%	5110316000 INTEREST EXPENSE - LEASE & SBIT	0.00	0.00	0.00	0.00%
0.00	907.91	-907.91	-100.00%	5119999900 ** TOTAL INTEREST	0.00	907.91	-907.91	-100.00%
5120000000 ** LEASE & RENTALS								
27,072.87	22,710.57	4,362.30	19.21%	5120401000 PASSENGER REVENUE VEHICLES -	27,072.87	22,710.57	4,362.30	19.21%
7,197.78	3,325.38	3,872.40	116.45%	5120516000 SERVICE VEHICLE LEASES	7,197.78	3,325.38	3,872.40	116.45%
0.00	0.00	0.00	0.00%	5120704000 GARAGE EQUIPMENT LEASES - MAIN	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5120901000 RADIO EQUIPMENT LEASES - OPS	0.00	0.00	0.00	0.00%
0.00	17,000.77	-17,000.77	-100.00%	5121216000 G&A FACILITIES LEASES	0.00	17,000.77	-17,000.77	-100.00%
2,032.95	87.59	1,945.36	> 999.99%	5121301000 MISC LEASES - OPS	2,032.95	87.59	1,945.36	> 999.99%
6,879.78	20,252.16	-13,372.38	-66.03%	5121304000 MISC LEASES - MAINT	6,879.78	20,252.16	-13,372.38	-66.03%
433.00	1,401.51	-968.51	-69.10%	5121316000 MISC LEASES - G&A	433.00	1,401.51	-968.51	-69.10%
0.00	70.08	-70.08	-100.00%	5121316200 MISC LEASES - IT	0.00	70.08	-70.08	-100.00%
0.00	0.00	0.00	0.00%	5121316300 MISC LEASES - IT - NON-REIMB	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5121316400 MISC LEASES - G&A - NON-REIMB	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5121399999 LEASES - GASB 87 CONTRA	0.00	0.00	0.00	0.00%
43,616.38	64,848.06	-21,231.68	-32.74%	5129999900 ** TOTAL LEASE & RENTALS	43,616.38	64,848.06	-21,231.68	-32.74%
5130000000 ** DEPRECIATION								
23,596.24	23,604.48	-8.24	-0.03%	5130201000 PASSENGER SHELTER DEPRECIATI	23,596.24	23,604.48	-8.24	-0.03%
618,487.59	482,002.94	136,484.65	28.32%	5130401000 REVENUE VEHICLE DEPRECIATION	618,487.59	482,002.94	136,484.65	28.32%
3,133.23	3,133.23	0.00	0.00%	5130516000 SERVICE VEHICLE DEPRECIATION	3,133.23	3,133.23	0.00	0.00%
16,255.09	5,730.21	10,524.88	183.67%	5130704000 GARAGE EQUIP DEPRECIATION	16,255.09	5,730.21	10,524.88	183.67%
1,977.14	0.00	1,977.14	100.00%	5130901000 REVENUE VEHICLE RADIO EQUIP DE	1,977.14	0.00	1,977.14	100.00%
15,087.38	30,932.93	-15,845.55	-51.23%	5131016000 COMPUTER EQUIP DEPRECIATION	15,087.38	30,932.93	-15,845.55	-51.23%
0.00	0.00	0.00	0.00%	5131116000 REVENUE COLLECTION EQUIP DEPR	0.00	0.00	0.00	0.00%

Champaign Urbana Mass Transit District

Comparative History Report

From Fiscal Year: 2026 Period 1
Thru Fiscal Year: 2026 Period 1

Division: 00 Champaign Urbana Mass Transit District

As of: 7/31/2025

Jul-2025	Jul-2024	Variance	Var/Last Var %		Jul-2025	Jul-2024	Variance	Var/Last Var %
192,607.90	287,905.85	-95,297.95	-33.10%	5131216000 G&A FACILITIES DEPRECIATION	192,607.90	287,905.85	-95,297.95	-33.10%
1,415.46	0.00	1,415.46	100.00%	5131316000 G&A SYSTEM DEVELOPMENT DEPR	1,415.46	0.00	1,415.46	100.00%
8,224.85	0.00	8,224.85	100.00%	5131416000 MISCELLANEOUS EQUIP DEPR	8,224.85	0.00	8,224.85	100.00%
365.23	0.00	365.23	100.00%	5131516000 OFFICE EQUIP DEPRECIATION	365.23	0.00	365.23	100.00%
0.00	0.00	0.00	0.00%	5132016000 AMORTIZATION EXPENSE - LEASES	0.00	0.00	0.00	0.00%
0.00	0.00	0.00	0.00%	5132116000 AMORTIZATION EXPENSE - SUBSCRI	0.00	0.00	0.00	0.00%
881,150.11	833,309.64	47,840.47	5.74%	5139999900 ** TOTAL DEPRECIATION	881,150.11	833,309.64	47,840.47	5.74%
0.00	0.00	0.00	0.00%	5170116000 DEBT SERVICE ON EQUIPMENT & FA	0.00	0.00	0.00	0.00%
5,000,772.61	4,914,778.01	85,994.60	1.75%	5999990000 **** TOTAL EXPENSES ****	5,000,772.61	4,914,778.01	85,994.60	1.75%
-612,454.25	1,127,234.48	-1,739,688.73	-154.33%	5999999800 NET SURPLUS (DEFICIT)	-612,454.25	1,127,234.48	-1,739,688.73	-154.33%

Champaign-Urbana Mass Transit District
Accounts Payable Check Disbursement List
BUSEY BANK OPERATING ACCOUNT

From Date: 07/1/2025

Thru Date: 07/31/2025

CheckNo	ReferenceDate	Reference	Payee	CheckAmount	C-CARTS Portion	MTD Portion	Voided
162308	02-Jul-25	A5085	AMERENIP	\$6,081.32		\$6,081.32	
162309	02-Jul-25	A8006	AT & T MOBILITY LLC	\$140.25		\$140.25	
162310	02-Jul-25	A8007	AT & T	\$706.22		\$706.22	
162311	02-Jul-25	A8011	AT&T MOBILITY-CC	\$720.94		\$720.94	
162312	02-Jul-25	B2230	BERNS, CLANCY & ASSOC. PC	\$6,620.00		\$6,620.00	
162313	02-Jul-25	C0365	CARLE PHYSICIAN GROUP	\$1,905.00		\$1,905.00	
162314	02-Jul-25	E5350	EMULSICOAT, INC.	\$1,000.00		\$1,000.00	
162315	02-Jul-25	H9540	HYDROGEN FUEL CELL BUS COUNCIL	\$4,000.00		\$4,000.00	
162316	02-Jul-25	I4790	ILLINOIS-AMERICAN WATER	\$470.35		\$470.35	
162317	02-Jul-25	I8235	I3 BROADBAND - CU	\$649.98		\$649.98	
162318	02-Jul-25	N2295	THE NEWS GAZETTE	\$383.34		\$383.34	
162319	02-Jul-25	P0404	PAUL'S MACHINE & WELDING	\$2,728.00		\$2,728.00	
162320	02-Jul-25	T3063	THERMO KING MIDWEST, INC.	\$4,020.84		\$4,020.84	
162321	02-Jul-25	U5180	UNITED PARCEL SERVICE	\$126.68		\$126.68	
162322	02-Jul-25	U5996	UNIVERSITY OF ILLINOIS	\$433.00		\$433.00	
162323	09-Jul-25	A5085	AMERENIP	\$1,967.00		\$1,967.00	
162324	09-Jul-25	C3094	CHARD, SNYDER & ASSOCIATES, LLC	\$702.00		\$702.00	
162325	09-Jul-25	C3512	CINTAS FIRST AID & SAFETY	\$147.44		\$147.44	
162326	09-Jul-25	C6263	COMCAST CABLE	\$717.68		\$717.68	
162327	09-Jul-25	F3800	PHILIP FISCELLA	\$300.00		\$300.00	
162328	09-Jul-25	L6446	LOWE'S	\$160.55		\$160.55	
162329	09-Jul-25	M0060	MACK'S TWIN CITY RECYCLING	\$40.00		\$40.00	
162330	09-Jul-25	M0175	QUADIENT FINANCE USA, INC.	\$39.00		\$39.00	
162331	09-Jul-25	Q8300	QUADIENT LEASING USA INC	\$207.51		\$207.51	
162332	09-Jul-25	R0272	JOSEPH S. RANK	\$41.50		\$41.50	
162333	09-Jul-25	S823190	STUARD & ASSOCIATES, INC.	\$259.92		\$259.92	
162334	09-Jul-25	T7585	TRUGREEN CHEMLAWN	\$517.50		\$517.50	
162335	09-Jul-25	U7355	U-C SANITARY DISTRICT	\$435.92		\$435.92	
162336	09-Jul-25	U7357	CITY OF URBANA	\$3,146.56		\$3,146.56	
162337	09-Jul-25	U7653	US BANK VENDOR SERVICES	\$170.15	\$170.15	\$0.00	
162338	7/9/2025	V2233	VERIZON WIRELESS	\$1,390.84	\$360.10	\$1,030.74	
162339	12-Jul-25	N2295	THE NEWS GAZETTE	\$80.00		\$80.00	
162340	12-Jul-25	P2255	PETTY CASH (GENERAL FUND)	\$477.00		\$477.00	
162341	12-Jul-25	S2215	SOUTH PARK AUTOMOTIVE, LLC	\$12.39		\$12.39	
162342	12-Jul-25	S8061	STERICYCLE, INC.	\$199.64		\$199.64	
162343	12-Jul-25	U5180	UNITED PARCEL SERVICE	\$443.64		\$443.64	
162344	23-Jul-25	A8007	AT & T	\$466.68		\$466.68	
162345	23-Jul-25	A8012	AT&T	\$204.17		\$204.17	
162346	23-Jul-25	A8015	AT & T	\$1,814.76		\$1,814.76	
162347	23-Jul-25	B2230	BERNS, CLANCY & ASSOC. PC	\$1,340.80		\$1,340.80	
162348	23-Jul-25	B4788	BLOSSOM BASKET FLORIST	\$140.00		\$140.00	
162349	23-Jul-25	C0364	CARLE PHYSICIAN GROUP	\$3,561.25		\$3,561.25	
162350	23-Jul-25	C6263	COMCAST CABLE	\$805.49		\$805.49	
162351	23-Jul-25	D0271	DANVILLE MASS TRANSIT	\$1,723.50		\$1,723.50	
162352	23-Jul-25	G3102	GHR ENGINEERS & ASSOCIATES, INC.	\$1,590.86		\$1,590.86	
162353	23-Jul-25	H1000	HDR ENGINEERING, INC.	\$5,917.70		\$5,917.70	
162354	23-Jul-25	I4790	ILLINOIS-AMERICAN WATER	\$891.33		\$891.33	
162355	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$111.00		\$111.00	
162356	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$250.00		\$250.00	
162357	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$287.04		\$287.04	
162358	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$342.86		\$342.86	
162359	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$404.54		\$404.54	
162360	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$466.05		\$466.05	
162361	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$504.70		\$504.70	
162362	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$571.50		\$571.50	
162363	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$651.70		\$651.70	
162364	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$783.99		\$783.99	
162365	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$918.00		\$918.00	
162366	23-Jul-25	I5860	INTERNAL REVENUE SERVICE	\$1,478.22		\$1,478.22	
162367	23-Jul-25	L2096	SAM LEMAN CJDR CHAMPAIGN	\$283.20		\$283.20	

Champaign-Urbana Mass Transit District
Accounts Payable Check Disbursement List
 BUSEY BANK OPERATING ACCOUNT

From Date: 07/1/2025

Thru Date: 07/31/2025

CheckNo	ReferenceDate	Reference	Payee	CheckAmount	C-CARTS Portion	MTD Portion	Voided
162368	23-Jul-25	N2295	THE NEWS GAZETTE	\$876.80		\$876.80	
162369	23-Jul-25	P0404	PAUL'S MACHINE & WELDING	\$5,267.30		\$5,267.30	
162370	23-Jul-25	P6275	CHRIS POPOVICH	\$450.00		\$450.00	
162371	23-Jul-25	S6235	SOUTHERN BUS & MOBILITY INC	\$241.39		\$241.39	
162372	23-Jul-25	T7585	TRUGREEN CHEMLAWN	\$517.50		\$517.50	
162373	23-Jul-25	U5180	UNITED PARCEL SERVICE	\$74.85		\$74.85	
162374	23-Jul-25	U7357	CITY OF URBANA	\$396.75		\$396.75	
162375	30-Jul-25	A5085	AMERENIP	\$10.84		\$10.84	
162376	30-Jul-25	A8006	AT & T MOBILITY LLC	\$140.25		\$140.25	
162377	30-Jul-25	A8007	AT & T	\$703.03		\$703.03	
162378	30-Jul-25	A8011	AT&T MOBILITY-CC	\$720.94		\$720.94	
162379	30-Jul-25	B0438	JUSTIN BARNHART	\$129.00		\$129.00	
162380	30-Jul-25	B2230	BERNS, CLANCY & ASSOC. PC	\$2,480.00		\$2,480.00	
162381	30-Jul-25	C0365	CARLE PHYSICIAN GROUP	\$3,539.25	\$588.00	\$2,951.25	
162382	30-Jul-25	C6262	COMBINED CHARITABLE CAMPAIGN	\$5,429.18		\$5,429.18	
162383	30-Jul-25	D6020	DODDS COMPANY	\$1,386.00		\$1,386.00	
162384	30-Jul-25	F2166	TPF HOLDINGS LLC	\$500.00		\$500.00	
162385	30-Jul-25	I4790	ILLINOIS-AMERICAN WATER	\$2,080.56		\$2,080.56	
162386	30-Jul-25	I4878	ILLINOIS PUBLIC TRANSPORTATION ASSN.	\$10,575.00		\$10,575.00	
162387	30-Jul-25	S1148	MICHAEL D. SCHLOSSER	\$1,500.00		\$1,500.00	
162388	30-Jul-25	S2215	SOUTH PARK AUTOMOTIVE, LLC	\$389.01		\$389.01	
162389	30-Jul-25	S2216	CHAMPAIGN AUTOMOTIVE LLC	\$3,523.00		\$3,523.00	
162390	30-Jul-25	S6235	SOUTHERN BUS & MOBILITY INC	\$4,895.82		\$4,895.82	
162391	30-Jul-25	S8034	STARK EXCAVATING, INC	\$231,021.79		\$231,021.79	
162392	30-Jul-25	U5180	UNITED PARCEL SERVICE	\$305.87		\$305.87	
162393	30-Jul-25	U5996	UNIVERSITY OF ILLINOIS	\$433.00		\$433.00	
162394	30-Jul-25	U7357	CITY OF URBANA	\$417.00		\$417.00	
7022025	02-Jul-25	D3100	DIVVY	\$13,429.82		\$13,429.82	
7032025	03-Jul-25	U7359	URBANA MUNICIPAL EMPL. CREDIT UNION	\$44,547.13		\$44,547.13	
7062025	08-Jul-25	I0025	VANTAGEPOINT TRANSFER AGENTS - 301281	\$14,852.89		\$14,852.89	
7072025	08-Jul-25	I0025	VANTAGEPOINT TRANSFER AGENTS - 301281	\$14,967.15		\$14,967.15	
7082025	08-Jul-25	I0025	VANTAGEPOINT TRANSFER AGENTS - 301281	\$9,933.37		\$9,933.37	
7152025	15-Jul-25	D3100	DIVVY	\$13,834.68		\$13,834.68	
7162025	17-Jul-25	U7359	URBANA MUNICIPAL EMPL. CREDIT UNION	\$44,108.94		\$44,108.94	
7172025	17-Jul-25	I0025	VANTAGEPOINT TRANSFER AGENTS - 301281	\$15,060.75		\$15,060.75	
7182025	17-Jul-25	I0025	VANTAGEPOINT TRANSFER AGENTS - 301281	\$15,476.84		\$15,476.84	
7192025	17-Jul-25	I4830	IMRF	\$262,414.56		\$262,414.56	
7202025	17-Jul-25	I4830	IMRF	\$4,912.78	\$3,230.33	\$1,682.45	
7222025	22-Jul-25	C3560	CIRCLE K FLEET	\$10,616.88	\$10,563.46	\$53.42	
7242025	24-Jul-25	I0025	VANTAGEPOINT TRANSFER AGENTS - 301281	\$9,246.58		\$9,246.58	
7312025	31-Jul-25	U7359	URBANA MUNICIPAL EMPL. CREDIT UNION	\$45,862.66		\$45,862.66	
TOTAL				\$864,220.66	\$14,912.04	\$849,308.62	

Champaign Urbana Mass Transit District
Accounts Payable Check Disbursement List

Checking Account #: 011-8189-0

FLEX CHECKING-BUSEY BANK

From Date: 7/31/2025

Thru Date: 7/31/2025

Check #	Check Date	Ref #	Name	Amount	Voided
7312025	7/31/2025	F4640	FLEX-EMPLOYEE REIMB.	\$25,521.52	
Total:				\$25,521.52	

**Champaign-Urbana Mass Transit District
Accounts Payable ACH Disbursement List
BUSEY BANK OPERATING ACCOUNT**

From Date: 07/1/2025 Thru Date: 07/31/2025

Pymt Type	Date	Reference	Payee	ACH Amount	C-CARTS Portion	MTD Portion	Voided
ACH	07-Jul-25	285051-A1934	ADVANCE AUTO PARTS	\$63.95		\$63.95	
ACH	07-Jul-25	285051-A4804	ALPHA CONTROLS & SERVICES LLC	\$750.00		\$750.00	
ACH	07-Jul-25	285051-A85755	AUTOMOTIVE COLOR & SUPPLY CORP	\$401.28		\$401.28	
ACH	07-Jul-25	285051-B0090	BAE SYSTEMS CONTROLS, INC.	\$452.31		\$452.31	
ACH	07-Jul-25	285051-B3555	BIRKEY'S FARM STORE, INC.	\$393.02		\$393.02	
ACH	07-Jul-25	285051-B8050	BAKER TILLY US, LLP	\$3,675.00		\$3,675.00	
ACH	07-Jul-25	285051-C0275	CCMSI	\$35.00		\$35.00	
ACH	07-Jul-25	285051-C2165	CENTRAL ILLINOIS TRUCKS	\$3,127.64		\$3,127.64	
ACH	07-Jul-25	285051-C3100	CHELSEA FINANCIAL GROUP, LTD.	\$41,150.43		\$41,150.43	
ACH	07-Jul-25	285051-C3106	ADI EAST LLC	\$432.83		\$432.83	
ACH	07-Jul-25	285051-C4588	CLEAN UNIFORM COMPANY	\$946.50		\$946.50	
ACH	07-Jul-25	285051-C6258	COLUMBIA STREET ROASTERY	\$288.50		\$288.50	
ACH	07-Jul-25	285051-C6299	CORNERSTONE GOVERNMENT AFFAIRS, INC.	\$4,500.00		\$4,500.00	
ACH	07-Jul-25	285051-C8510	CURRENT SOLUTIONS OF THE MIDWEST LLC	\$41,500.00		\$41,500.00	
ACH	07-Jul-25	285051-D2012	DEAN'S GRAPHICS	\$9,727.08		\$9,727.08	
ACH	07-Jul-25	285051-D2126	DELL MARKETING LP	\$2,335.98		\$2,335.98	
ACH	07-Jul-25	285051-D2850	DEVELOPMENTAL SERVICES	\$42,126.00		\$42,126.00	
ACH	07-Jul-25	285051-E3390	EIGHT 22, LLC	\$4,217.00		\$4,217.00	
ACH	07-Jul-25	285051-G2287	GFL ENVIRONMENTAL HOLDINGS (US), INC	\$1,708.97		\$1,708.97	
ACH	07-Jul-25	285051-G4293	GLOBAL TECHNICAL SYSTEMS, INC.	\$2,558.02		\$2,558.02	
ACH	07-Jul-25	285051-G7308	GRAINGER	\$263.44		\$263.44	
ACH	07-Jul-25	285051-H6260	ILLINOIS POWER MARKING CO	\$327.73		\$327.73	
ACH	07-Jul-25	285051-I4745	ILLINI CONTRACTORS SUPPLY	\$171.03		\$171.03	
ACH	07-Jul-25	285051-I4747	ILLINI FS, INC.	\$5,825.21		\$5,825.21	
ACH	07-Jul-25	285051-I5904	INTERSTATE BATTERIES	\$293.66		\$293.66	
ACH	07-Jul-25	285051-J0320	JANITOR & MAINTENANCE SUPPLIES, INC.	\$286.20		\$286.20	
ACH	07-Jul-25	285051-J8850	JX ENTERPRISES, INC.	\$1,848.72		\$1,848.72	
ACH	07-Jul-25	285051-K2166	KEMPER INDUSTRIAL EQUIP.	\$517.50		\$517.50	
ACH	07-Jul-25	285051-K2190	KEN'S OIL SERVICE, INC.	\$2,227.20		\$2,227.20	
ACH	07-Jul-25	285051-L2005	DONALD DAVID OWEN	\$3,450.00		\$3,450.00	
ACH	07-Jul-25	285051-L4783	LLOYDS REGISTER QUALITY ASSURANCE INC.	\$13,230.00		\$13,230.00	
ACH	07-Jul-25	285051-M0045	MAAS RADIATOR INC.	\$409.50		\$409.50	
ACH	07-Jul-25	285051-M1246	MCMASTER-CARR SUPPLY CO.	\$1,334.28		\$1,334.28	
ACH	07-Jul-25	285051-M3015	MH EQUIPMENT COMPANY	\$468.74		\$468.74	
ACH	07-Jul-25	285051-N0320	GENUINE PARTS COMPANY INC	\$854.92		\$854.92	
ACH	07-Jul-25	285051-N2292	THE AFTERMARKET PARTS COMPANY, LLC.	\$11,734.26		\$11,734.26	
ACH	07-Jul-25	285051-O7370	O'REILLY AUTOMOTIVE, INC.	\$60.16		\$60.16	
ACH	07-Jul-25	285051-O7450	ORKIN EXTERMINATING CO.	\$264.00		\$264.00	
ACH	07-Jul-25	285051-P0015	3PLAY MEDIA, INC	\$340.63		\$340.63	
ACH	07-Jul-25	285051-Q8455	QUILL	\$13.99		\$13.99	
ACH	07-Jul-25	285051-S1156	SCHOONOVER SEWER SERVICE	\$470.00		\$470.00	
ACH	07-Jul-25	285051-S2046	SECURITAS ELECTRONIC SECURITY INC.	\$251.82		\$251.82	
ACH	07-Jul-25	285051-S3086	SHERWIN-WILLIAMS	\$85.92		\$85.92	
ACH	07-Jul-25	285051-S3100	SHI INTERNATIONAL CORP.	\$850.82		\$850.82	
ACH	07-Jul-25	285051-S3115	DANIEL J. HARTMAN	\$2,710.00	\$122.00	\$2,588.00	
ACH	07-Jul-25	285051-S8165	STOCKS, INC.	\$649.60		\$649.60	
ACH	07-Jul-25	285051-T7510	TROPHYTIME	\$500.00		\$500.00	
ACH	07-Jul-25	285051-T9069	TWILIO INC	\$11,836.72		\$11,836.72	
ACH	07-Jul-25	285051-U5998	UNIVERSITY OF ILLINOIS	\$32,732.83		\$32,732.83	
ACH	07-Jul-25	285051-U7356	U-C SANITARY DISTRICT- SOLAR LEASE	\$21,861.67		\$21,861.67	
ACH	07-Jul-25	285051-W2170	WELLS FARGO FINANCIAL LEASING, INC.	\$3,325.43		\$3,325.43	

**Champaign-Urbana Mass Transit District
Accounts Payable ACH Disbursement List
BUSEY BANK OPERATING ACCOUNT**

From Date: 07/1/2025 Thru Date: 07/31/2025

Pymt Type	Date	Reference	Payee	ACH Amount	C-CARTS Portion	MTD Portion	Voided
ACH	11-Jul-25	285220-A4716	ALLIANT INSURANCE SERVICES, INC.	\$67,493.00		\$67,493.00	
ACH	11-Jul-25	285220-B43301	RICHARD W. BARNES	\$500.00		\$500.00	
ACH	11-Jul-25	285220-B4585	LAURA W. BLEILL	\$150.00		\$150.00	
ACH	11-Jul-25	285220-C0275	CCMSI	\$20.00		\$20.00	
ACH	11-Jul-25	285220-C0340	CARDINAL INFRASTRUCTURE, LLC	\$6,500.00		\$6,500.00	
ACH	11-Jul-25	285220-C2165	CENTRAL ILLINOIS TRUCKS	\$491.03		\$491.03	
ACH	11-Jul-25	285220-C4588	CLEAN UNIFORM COMPANY	\$60.06		\$60.06	
ACH	11-Jul-25	285220-D0423	DAVE & HARRY LOCKSMITHS	\$1,015.00		\$1,015.00	
ACH	11-Jul-25	285220-D2012	DEAN'S GRAPHICS	\$2,200.00		\$2,200.00	
ACH	11-Jul-25	285220-D2016	PAUL DEBEVEC	\$300.00		\$300.00	
ACH	11-Jul-25	285220-D2064	DEEM LANDSCAPING, INC.	\$2,620.00		\$2,620.00	
ACH	11-Jul-25	285220-D2250	DELTA SAFETY SERVICES	\$940.00		\$940.00	
ACH	11-Jul-25	285220-D2900	DEWBERRY ENGINEERS INC.	\$1,395.00		\$1,395.00	
ACH	11-Jul-25	285220-D7700	DS SERVICES OF AMERICA, INC.	\$16.50		\$16.50	
ACH	11-Jul-25	285220-F0365	FASTENAL COMPANY	\$89.72		\$89.72	
ACH	11-Jul-25	285220-F6367	FORD CITY	\$2,585.28		\$2,585.28	
ACH	11-Jul-25	285220-F7420	H. GEORGE FRIEDMAN JR.	\$350.00		\$350.00	
ACH	11-Jul-25	285220-G7308	GRAINER	\$648.66		\$648.66	
ACH	11-Jul-25	285220-H2235	HERITAGE PETROLEUM, LLC	\$17,676.90		\$17,676.90	
ACH	11-Jul-25	285220-H3564	HIRERIGHT GIS INTERMEDIATE CORP, INC.	\$1,223.00	\$116.00	\$1,107.00	
ACH	11-Jul-25	285220-H6260	ILLINOIS POWER MARKING CO	\$527.23		\$527.23	
ACH	11-Jul-25	285220-I1595	IDENTISYS INCORPORATED	\$837.61		\$837.61	
ACH	11-Jul-25	285220-I5773	INSIGHT PUBLIC SECTOR, INC	\$352.00		\$352.00	
ACH	11-Jul-25	285220-K2190	KEN'S OIL SERVICE, INC.	\$4,446.45		\$4,446.45	
ACH	11-Jul-25	285220-K3575	KIRK'S AUTOMOTIVE	\$1,315.00		\$1,315.00	
ACH	11-Jul-25	285220-L6285	LOOMIS ARMoured US, LLC	\$376.70		\$376.70	
ACH	11-Jul-25	285220-M0350	MANSFIELD POWER & GAS LLC	\$1,614.06		\$1,614.06	
ACH	11-Jul-25	285220-M1246	MCMaster-CARR SUPPLY CO.	\$101.05		\$101.05	
ACH	11-Jul-25	285220-M2179	MENARD-INC.	\$64.50		\$64.50	
ACH	11-Jul-25	285220-M2310	MEYER CAPEL	\$2,290.00		\$2,290.00	
ACH	11-Jul-25	285220-M34035	MIDWEST FIBER RECYCLING	\$312.56		\$312.56	
ACH	11-Jul-25	285220-N2292	THE AFTERMARKET PARTS COMPANY, LLC.	\$9,717.46		\$9,717.46	
ACH	11-Jul-25	285220-N6450	ALAN NUDO	\$300.00		\$300.00	
ACH	11-Jul-25	285220-R0308	RAPID REPRODUCTIONS, INC.	\$513.00		\$513.00	
ACH	11-Jul-25	285220-S8188	STREETMETRICS, INC.	\$1,500.00		\$1,500.00	
ACH	11-Jul-25	285220-T7420	TRILLIUM TRANSPORTATION FUELS, LLC	\$9,750.00		\$9,750.00	
ACH	11-Jul-25	285220-U4850	MOHAMMAD SHARIF ULLAH	\$100.00		\$100.00	
ACH	11-Jul-25	285220-U7385	URBANA TRUE TIRES	\$645.80		\$645.80	
ACH	11-Jul-25	285220-V3370	VIA TRANSPORTATION, INC.	\$2,215.28		\$2,215.28	
ACH	14-Jul-25	285309-A4804	ALPHA CONTROLS & SERVICES LLC	\$2,447.50		\$2,447.50	
ACH	14-Jul-25	285309-B0427	BARBECK COMMUNICATION	\$928.67		\$928.67	
ACH	14-Jul-25	285309-B3555	BIRKEY'S FARM STORE, INC.	\$94.20		\$94.20	
ACH	14-Jul-25	285309-C2165	CENTRAL ILLINOIS TRUCKS	\$1,953.34		\$1,953.34	
ACH	14-Jul-25	285309-C3106	ADI EAST LLC	\$2,495.46		\$2,495.46	
ACH	14-Jul-25	285309-C4588	CLEAN UNIFORM COMPANY	\$785.64		\$785.64	
ACH	14-Jul-25	285309-D2900	DEWBERRY ENGINEERS INC.	\$2,420.35		\$2,420.35	
ACH	14-Jul-25	285309-E0368	EAST PENN MANUFACTURING CO.	\$4,424.25		\$4,424.25	
ACH	14-Jul-25	285309-F6367	FORD CITY	\$388.87		\$388.87	
ACH	14-Jul-25	285309-G4290	GLOBAL INDUSTRIAL	\$784.95		\$784.95	
ACH	14-Jul-25	285309-G4293	GLOBAL TECHNICAL SYSTEMS, INC.	\$467.95		\$467.95	
ACH	14-Jul-25	285309-G6300	GOODYEAR TIRE & RUBBER CO	\$12,612.67		\$12,612.67	

**Champaign-Urbana Mass Transit District
Accounts Payable ACH Disbursement List
BUSEY BANK OPERATING ACCOUNT**

From Date: 07/1/2025 Thru Date: 07/31/2025

Pymt Type	Date	Reference	Payee	ACH Amount	C-CARTS Portion	MTD Portion	Voided
ACH	14-Jul-25	285309-I4840	ILLINOIS OIL MARKETING	\$292.47		\$292.47	
ACH	14-Jul-25	285309-I5685	INGERSOLL-RAND INDUSTRIAL U.S., INC.	\$2,122.32		\$2,122.32	
ACH	14-Jul-25	285309-I5758	INIT INC.	\$74,853.00		\$74,853.00	
ACH	14-Jul-25	285309-K2166	KEMPER INDUSTRIAL EQUIP.	\$170.00		\$170.00	
ACH	14-Jul-25	285309-M1246	MCMASTER-CARR SUPPLY CO.	\$370.36		\$370.36	
ACH	14-Jul-25	285309-M3015	MH EQUIPMENT COMPANY	\$806.98		\$806.98	
ACH	14-Jul-25	285309-M3408	MIDWEST TRANSIT EQUIPMENT, INC.	\$1,543.68		\$1,543.68	
ACH	14-Jul-25	285309-N0320	GENUINE PARTS COMPANY INC	\$294.90		\$294.90	
ACH	14-Jul-25	285309-N2290	NEW FLYER INDUSTRIES	\$3,432.00		\$3,432.00	
ACH	14-Jul-25	285309-N2292	THE AFTERMARKET PARTS COMPANY, LLC.	\$12,464.34		\$12,464.34	
ACH	14-Jul-25	285309-O7370	O'REILLY AUTOMOTIVE, INC.	\$167.67		\$167.67	
ACH	14-Jul-25	285309-Q8455	QUILL	\$375.13		\$375.13	
ACH	14-Jul-25	285309-R8580	INTERSTATE BILLING SERVICE, INC.	\$3,094.84		\$3,094.84	
ACH	14-Jul-25	285309-S3086	SHERWIN-WILLIAMS	\$342.60		\$342.60	
ACH	14-Jul-25	285309-S6693	SPIREON, INC.	\$810.40		\$810.40	
ACH	14-Jul-25	285309-U6555	UPCLOSE GRAPHICS	\$361.87		\$361.87	
ACH	14-Jul-25	285309-U7385	URBANA TRUE TIRES	\$161.45		\$161.45	
ACH	25-Jul-25	285634-A9010	AWARDS LTD.	\$10.05		\$10.05	
ACH	25-Jul-25	285634-B0090	BAE SYSTEMS CONTROLS, INC.	\$27,796.51		\$27,796.51	
ACH	25-Jul-25	285634-B3555	BIRKEY'S FARM STORE, INC.	\$2,872.96		\$2,872.96	
ACH	25-Jul-25	285634-C0275	CCMSI	\$35.00		\$35.00	
ACH	25-Jul-25	285634-C2165	CENTRAL ILLINOIS TRUCKS	\$1,912.98		\$1,912.98	
ACH	25-Jul-25	285634-C3052	CHAMPAIGN COUNTY REGIONAL PLANNING	\$2,477.09	\$2,477.09	\$0.00	
ACH	25-Jul-25	285634-C3106	ADI EAST LLC	\$910.19		\$910.19	
ACH	25-Jul-25	285634-C4588	CLEAN UNIFORM COMPANY	\$827.10		\$827.10	
ACH	25-Jul-25	285634-D0426	DAVIS-HOUK MECHANICAL, INC	\$1,852.70		\$1,852.70	
ACH	25-Jul-25	285634-D2012	DEAN'S GRAPHICS	\$6,795.00		\$6,795.00	
ACH	25-Jul-25	285634-D2900	DEWBERRY ENGINEERS INC.	\$14,452.00		\$14,452.00	
ACH	25-Jul-25	285634-E0368	EAST PENN MANUFACTURING CO.	\$3,542.30		\$3,542.30	
ACH	25-Jul-25	285634-E5950	LTD TECHNOLOGY SOLUTIONS, INC.	\$3,230.55		\$3,230.55	
ACH	25-Jul-25	285634-F6367	FORD CITY	\$1,267.96		\$1,267.96	
ACH	25-Jul-25	285634-G2287	GFL ENVIRONMENTAL HOLDINGS (US), INC	\$115.08		\$115.08	
ACH	25-Jul-25	285634-G4293	GLOBAL TECHNICAL SYSTEMS, INC.	\$896.74		\$896.74	
ACH	25-Jul-25	285634-G7308	GRAINGER	\$355.00		\$355.00	
ACH	25-Jul-25	285634-G7375	GRIMCO, INC	\$399.92		\$399.92	
ACH	25-Jul-25	285634-H2235	HERITAGE PETROLEUM, LLC	\$18,513.76		\$18,513.76	
ACH	25-Jul-25	285634-H6260	ILLINOIS POWER MARKING CO	\$14,858.61		\$14,858.61	
ACH	25-Jul-25	285634-I4747	ILLINI FS, INC.	\$38,458.47		\$38,458.47	
ACH	25-Jul-25	285634-I4841	ILLINOIS PUBLIC RISK FUND	\$53,034.00	\$849.00	\$52,185.00	
ACH	25-Jul-25	285634-I5758	INIT INC.	\$1,127.85		\$1,127.85	
ACH	25-Jul-25	285634-I5904	INTERSTATE BATTERIES	\$462.61		\$462.61	
ACH	25-Jul-25	285634-J0320	JANITOR & MAINTENANCE SUPPLIES, INC.	\$341.19		\$341.19	
ACH	25-Jul-25	285634-J5550	JM TEST SYSTEMS, LLC	\$108.00		\$108.00	
ACH	25-Jul-25	285634-J8850	JX ENTERPRISES, INC.	\$8,905.70		\$8,905.70	
ACH	25-Jul-25	285634-K2190	KEN'S OIL SERVICE, INC.	\$31,939.73		\$31,939.73	
ACH	25-Jul-25	285634-M1246	MCMASTER-CARR SUPPLY CO.	\$160.95		\$160.95	
ACH	25-Jul-25	285634-M1269	MCS OFFICE TECHNOLOGIES	\$900.00		\$900.00	
ACH	25-Jul-25	285634-M3015	MH EQUIPMENT COMPANY	\$207.59		\$207.59	
ACH	25-Jul-25	285634-M3408	MIDWEST TRANSIT EQUIPMENT, INC.	\$256.80		\$256.80	
ACH	25-Jul-25	285634-N0320	GENUINE PARTS COMPANY INC	\$865.54		\$865.54	
ACH	25-Jul-25	285634-N2292	THE AFTERMARKET PARTS COMPANY, LLC.	\$37,153.94		\$37,153.94	
ACH	25-Jul-25	285634-O7370	O'REILLY AUTOMOTIVE, INC.	\$155.01		\$155.01	

**Champaign-Urbana Mass Transit District
Accounts Payable ACH Disbursement List
BUSEY BANK OPERATING ACCOUNT**

From Date: 07/1/2025 Thru Date: 07/31/2025

Pymt Type	Date	Reference	Payee	ACH Amount	C-CARTS Portion	MTD Portion	Voided
ACH	25-Jul-25	285634-P4525	NORMA MCFARLAND	\$476.92		\$476.92	
ACH	25-Jul-25	285634-Q8455	QUILL	\$28.99		\$28.99	
ACH	25-Jul-25	285634-S0085	SLE TECHNOLOGIES, INC.	\$1,990.58		\$1,990.58	
ACH	25-Jul-25	285634-S3086	SHERWIN-WILLIAMS	\$446.13		\$446.13	
ACH	25-Jul-25	285634-S5192	S.J. SMITH WELDING SUPPLY	\$83.70		\$83.70	
ACH	25-Jul-25	285634-S8059	STER SEATING LLC	\$642.05		\$642.05	
ACH	25-Jul-25	285634-T2064	TEE JAY CENTRAL, INC.	\$704.00		\$704.00	
ACH	25-Jul-25	285634-T2225	TERMINAL SUPPLY COMPANY	\$1,200.45		\$1,200.45	
ACH	25-Jul-25	285634-T7299	9280-0366 QUEBEC INC.	\$5,220.83		\$5,220.83	
ACH	25-Jul-25	285634-T7510	TROPHYTIME	\$82.00		\$82.00	
ACH	25-Jul-25	285634-T9069	TWILIO INC	\$709.46		\$709.46	
ACH	25-Jul-25	285634-U7385	URBANA TRUE TIRES	\$161.45		\$161.45	
ACH	25-Jul-25	285634-V3590	VITAL EDUCATION & SUPPLY, INC.	\$154.84		\$154.84	
TOTAL				\$843,406.48	\$3,564.09	\$839,842.39	

MTD - Bank & Investment Balances

Financial Institution	Bank Bal @ 07/31/25	Interest Rate	Maturity
Busey Bank			
Payroll	\$5,000.00	-	-
Illinois Terminal - Square POS	\$109,356.20	-	-
Operating	\$350,000.00	-	-
C-CARTS	\$169,915.48	-	-
Sec 125 Flexible Spending Plan	\$209,705.72	-	-
ATM	\$25,198.82	-	-
Money Market	\$25,216,602.09	3.66%	-
First Mid Bank	\$14,352,628.63	4.59%	-
Prospect Bank			-
MuniWise	\$1,014.85	2.01%	
MuniWise Flex	\$10,068,212.32	3.16%	
Total	<u>\$50,507,634.11</u>		

MTD - Capital Reserve, Restricted, & Operating @ 07/31/25

Capital Reserve -Budgeted (FY25 Capital Budget)	\$25,311,500.00
Capital Reserve -Unbudgeted	\$21,783,106.10
Operating	\$3,413,028.01
Total	<u>\$50,507,634.11</u>



Memo

Champaign-Urbana Mass Transit District (MTD)
1101 East University Avenue, Urbana, IL 61802
217.384.8188 | mtd.org

To Champaign-Urbana Mass Transit District Board of Trustees
From Karl P. Gnadt, Managing Director
Date August 27, 2025
Subject Scheduling Adjustment for December 2025 Regular Board of Trustees Meeting

A. Introduction

The Champaign-Urbana Mass Transit District (MTD) Regular Board of Trustees meetings are held on the last Wednesday of each month at 3:00 p.m. in the District office per the MTD By-Laws.

Exceptions:

There is no regular meeting held in November. Instead, the October data and statistics are shared during a combined November/December meeting held in December, which takes place on the first or second Wednesday of the month at 3:00 p.m., maintaining the standard meeting time. The November and December data and statistics are reported on during the following January meeting.

B. Prior Trustee Action

On February 26, 2025, the Board of Trustees approved the Regular Board of Trustees meeting schedule for calendar year 2025. This approval set the December 2025 meeting to take place on December 3, 2025, at 3:00 p.m.

C. Recommended Action

Due to a staff scheduling conflict on the first Wednesday of December 2025, it is recommended the Board of Trustees authorize the date adjustment for the December 2025 Regular Board of Trustees meeting from:

- Original date: December 3, 2025
- Proposed date: December 10, 2025

D. Summary

Adjusting the December 2025 meeting date to December 10 will ensure staff are available to attend the Regular Board of Trustees meeting.



Memo

Champaign-Urbana Mass Transit District (MTD)
1101 East University Avenue, Urbana, IL 61802
217.384.8188 | mtd.org

To Karl P Gnadt, Managing Director/CEO
From Ashlee McLaughlin, External Affairs Director
Date August 27, 2025
Subject Approval of Cooperative Purchasing Agreement and Bus Purchase Order

A. Introduction

The District will utilize Federal Community Project Funding (formerly known as “earmarks”) and local capital reserve funds to purchase one 40-foot hydrogen fuel cell bus and one 60-foot hydrogen fuel cell bus to replace two 12-year-old 40-foot diesel electric hybrid buses.

B. Recommended Action

1. Staff recommends authorization of the Managing Director to enter into a Cooperative Purchasing Agreement with the Washington State Department of Enterprise Services.
2. Staff recommends authorization of the Managing Director to issue a purchase order to New Flyer in the amount of \$1,622,896 for one 40-ft bus and \$2,319,096 for one 60-foot hydrogen fuel cell bus.

C. Prior Trustee Action

1. On July 30, 2025, the Board of Trustees provided approval for the updated MTD Zero Emission Transition Plan which reflected this purchase of two additional hydrogen fuel cell buses that can be supported by our current hydrogen production station.
2. On December 7, 2022, the Board of Trustees provided approval to enter into a Cooperative Purchasing Agreement with the State of Washington Department of Enterprise Services to purchase ten hydrogen fuel cell buses.

D. Summary

MTD has ten diesel-electric buses from 2013 that reach the end of their 12-year service life in 2025. Two 2013 buses will be replaced as soon as possible using \$2,000,000 in Community Project Funding (CPF) allocated by Senator Dick Durbin in FY2025. The CPF is specifically allocated for zero-emission buses and intended to be spent within two years. Additional funding

to replace the other eight 2013 buses has been applied for through the Federal Low and No Emission grant program.

Operations and Maintenance staff determined the best provision of these two replacement vehicles would include one 40-foot and one 60-foot bus, slightly shifting the fleet mix. To procure the new buses, MTD will use the same Washington State Cooperative Purchasing Contract used to purchase ten hydrogen fuel cell buses from New Flyer in 2022.

E. Background

The bus prices listed above are higher than staff anticipated. According to a recent [quote from the CEO of New Flyer](#), the cost of new transit buses has surged by 68% since 2021, driven in part by unpredictable tariffs on imported steel and aluminum. In addition, page 4 of the attached price proposals from New Flyer includes the following disclaimer regarding tariffs:

New Flyer's proposed price is based on USMCA agreements and global Tariff values that were in place as of January 20th, 2025. Potential changes to tariffs have been an evolving situation with the full cost impact not yet visible. We expect the cost of Tariffs will increase the price of the bus between 3% and 15% however this is an estimate for your budgeting purposes only. New Flyer may send an updated proposal with an estimate of the Tariff amount once we have better visibility to the final global Tariff values.

The quoted prices each reflect a discount of about 0.6 percent provided by New Flyer in exchange for MTD making milestone payments, outlined on page 11 of the attached proposals.

F. Alternatives – advantages/disadvantages

1. Authorizing the Managing Director to enter into a Cooperative Purchasing Agreement with Washington State complies with Federal procurement requirements and secures a competitive price for the District.
2. Authorizing the Managing Director to issue a purchase order allows replacement of aged hybrid buses with new zero-emission hydrogen fuel cell buses.
3. Not authorizing the Managing Director to issue a purchase order would result in the inability to utilize the awarded CPF funds to purchase new zero emission buses.

G. Budget & Staffing Impacts

This project is included in the FY 2026 budget. The District will utilize \$2,000,000 in Federal Community Project Funding, accounting for approximately 51% of the total cost. The remaining \$1,941,992 will come from local capital reserve funds.



**CHAMPAIGN-URBANA MASS
TRANSIT DISTRICT**

**Option Proposal for 1 – 40-foot Fuel
Cell Electric Bus**

**Off of State of Washington (SOW
Contract 06719-01)**

Proposal Table of Contents

Tab 1, Letter of Transmittal

Tab 2, Bus Price Summary

Tab 3, Bus Price Change Detail

Tab 4, Tariffs

Tab 5, Payment Terms and Milestones

Tab 6, Bus Warranty Proposal

Tab 7, Bus Training Proposal

Tab 8, Bus Publications Proposal

Tab 9, Bus Tools and Diagnostics Proposal

Tab 10, Bus Contract Spares Proposal

Tab 11, Bus Delivery Schedule

Tab 12, Bus Technical Summary

Tab 1, Letter of Transmittal

Solicitation Requirements:

N/A

New Flyer Response:

Please see attached our **Tab 1a, Letter of Transmittal** to Champaign-Urbana Mass Transit District.

Please indicate your acceptance by providing a Purchase Order to New Flyer, attention:

Adrian Graca, Business Segment Director – Municipal Transit Fleets

204.470.5521

Adrian_Graca@newflyer.com



July 7, 2025

Ashlee McLaughlin
External Affairs Director
Champaign-Urbana Mass Transit District
amclaughlin@mtd.org

Subject: Quotation for one (1) 40-Foot Heavy-Duty Fuel Cell Electric Transit bus

Dear Ashlee,

New Flyer is pleased to submit an option price quotation for the production of one (1) 40-foot Heavy-Duty Fuel Cell Electric Transit bus based on New Flyer's agreement with the State of Washington (SOW Contract 06719-01).

The proposed bus will be technically configured as per SR-2817.

The XHE40 price is **\$1,632,118 per bus** which includes Warranty, Publications, Delivery, and a one-time discount applied. It does not include any estimated tariffs.

Tariffs

New Flyer's proposed price **does not include any additional costs, duties, or price adjustments resulting from regulatory changes, changes or law, or future or recently imposed tariffs** as the cost impact is not available. New Flyer's proposed price is based on USMCA agreements and global Tariff values that were in place as of January 20th, 2025. Potential changes to tariffs have been an evolving situation with the full cost impact not yet visible. We expect the cost of Tariffs will increase the price of the bus between 3% and 15% however this is an estimate for your budgeting purposes only. New Flyer may send an updated proposal with an estimate of the Tariff amount once we have better visibility to the final global Tariff values.

New Flyer is committed to working collaboratively with Champaign-Urbana Mass Transit District to ensure a transparent and auditable process for assessing and addressing tariff-related costs. Please refer to the Tariff Section within our proposal for more information on tariff impacts associated with this order.

Payment Terms and Milestones

This contract will include separate invoicing for tariffs and the proposed bus (as defined in the State of Washington agreement). Each will be invoiced separately to ensure clarity and transparency, resulting in separate payment terms.

- Tariff payment terms are net 15 days from the time of the Tariff Price Change, including auditable backup, and Invoice are presented to Champaign-Urbana Mass Transit District.
- SOW Contract 06719-01 payment terms are 100% at acceptance, net 30, with bus acceptance required within fifteen (15) days of delivery.

- New Flyer is pleased to present alternate milestone payments options that offer added flexibility and cost savings to Champaign-Urbana Mass Transit District. Please see the Payment Terms and Milestones section within our proposal for a full breakdown. Note, the alternate milestones and associated discount are conditional upon accepting of one of the proposed options.

We would like to highlight key elements of our proposal:

Warranty: New Flyer exceeds the industry standard warranties in many areas such as our 5 year / 300,000 miles axle warranty (standard warranty is 2 years) and our 3 years / 150,000 miles multiplex warranty (standard competitor warranty is 1 year / 50,000 miles). Please refer to our Warranty Section within our proposal for more information. Please note that warranty is included in the bus price.

Training: New Flyer Training is an organization within the New Flyer Customer Services group, a division of New Flyer Industries. As a part of the leading manufacturer of heavy-duty transit buses in the United States and Canada, we have access to top design, engineering, propulsion technology, and electrical systems professionals. This allows us to offer the service and expertise to maximize the lifetime value of your fleet. Please refer to our Training Section within our proposal for more information. Please note that optional training is not included in the bus price.

Publications: The New Flyer Publications team combines extensive, hands-on technical experience with exceptional writing, illustrating, and publishing skills to create the industry's benchmark in maintenance manuals. They supply accurate information in a timely manner, assisting the customer in the performance of proper bus maintenance, which adds to the overall reliability and lifetime value of each New Flyer bus on the road. Please refer to our Publications Section within our proposal for more information. Please note that publications are not included in the bus price.

Tooling and Diagnostics: Please refer to our Tools and Diagnostics Section within our proposal for more information. Please note that tooling and diagnostics are not included in the bus price.

Delivery Proposal: New Flyer is proposing a complete delivery by Q3 of 2026 based on a receipt of a Notice to Proceed within 60 days of this submission. Please note that delivery is included in the bus price.

This project allows New Flyer the important opportunity to continue our strong relationship with Champaign-Urbana Mass Transit District. It also gives us the opportunity again to delivery some of the most advanced vehicles available in North America. We thank you for your continued interest in New Flyer products and look forward to working with you again in the near future.

This quote is open for acceptance for sixty (60) days. Please indicate your acceptance by providing a Purchase Order to New Flyer, attention Adrian Graca, Business Segment Director – Municipal Transit Fleets at Adrian_Graca@newflyer.com.

Sincerely,
NEW FLYER OF AMERICA INC.



Nhi Le, P.Eng.
Technical Sales Manager
431.373.5698
Nhi_Le@newflyer.com

CC:

Jeff Butler – Regional Sales Manager
Adrian Graca – Business Segment Director – Municipal Transit Fleets

Tab 2, Bus Price Summary

Solicitation Requirements:

N/A

New Flyer Response:

Please see attached New Flyer's [Tab 2a, Price Summary](#) for one (1) – XHE40 buses for Champaign-Urbana Mass Transit District.



Price Change Summary

Property Name: Champaign - Urbana Mass Transit District
Option Number: 2025-051
Contract Origin: 20-046 SOW
SR (if applicable): SR-2817
Quantity: 1
Bus Type: XHE40
Price Change No.: 1
Template Revision: W
Date: June 6 2025

	Each	Total
Items Included in Base Bus Price		
Original Contract Base Bus Price	\$ 1,450,250.44	\$ 1,450,250.44
Base Bus Price Changes	\$ 181,867.96	\$ 181,867.96
Contract Spares Included With Base Bus	\$ -	\$ -
Total Revised Base Bus Price	\$ 1,632,118.41	\$ 1,632,118.41
<i>Estimate for Tariffs is 3 - 15% of Revised Base Bus Price</i>	<i>XXXXX</i>	<i>XXXXX</i>
Items Priced Separately		
Contract Spares Changes	\$ -	\$ -
Miscellaneous Price Changes	\$ -	\$ -
Total Items Priced Separately	\$ -	\$ -

Tab 3, Bus Price Change Detail

Solicitation Requirements:

N/A

New Flyer Response:

Please see attached New Flyer's [Tab 3a, Price Detail Sheet](#).

This sheet includes all price changes that are required to go from the State of Washington Contract base bus configuration to the proposed bus configuration matching SR-2817, as requested.

As a show of goodwill, New Flyer is offering a one-time discount on this proposal in the amount of **\$19,158.93 per bus**, in recognition of the hybrid surcharge agreed to be paid by Champaign (SR-2728, SRCR 22-1021).



Price Change Detail

Property Name:	Champaign - Urbana Mass Transit District
Option Number:	2025-051
Contract Origin:	20-046 SOW
SR (if applicable):	SR-2817
Quantity:	1
Bus Type:	XHE40

Price Change Type	Ref No.	Option No.	Option Group	Description	Data	
					Price per coach	Extended Total
Base Bus Price Change	1	201	Bumpers	Change towing provisions per SR-2817	\$ 130.20	\$ 130.20
	2	203	Suspension Front	Remove E-Stroke	\$ (717.92)	\$ (717.92)
	3	204	Suspension Rear	add rear stabilizing bar	\$ 1,082.37	\$ 1,082.37
	4	205	Tires	Change to polished Durabright Duraflange treatment per State of Washington	\$ 2,482.73	\$ 2,482.73
	11	304	Paint & Decal	Changes to paint and decal per SR-2817, add 18 year protection customer paint	\$ 8,339.61	\$ 8,339.61
	12	420	Body A/P Before Paint	Add S1 guard wheel guards	\$ 2,007.39	\$ 2,007.39
	13	422	Body A/P After Paint	Remove Docket 90	\$ (2,941.88)	\$ (2,941.88)
	14	450	Flooring A/P	Change to composite flooring per State of Washington	\$ 2,472.83	\$ 2,472.83
	15	460	Windows	Change to Arow Global flush mounted windows	\$ 9,888.80	\$ 9,888.80
	16	470	Destination Signs	'Change to Luminator destination sign, INIT - IVN system,and Fuelmaster - AVM system	\$ 52,568.94	\$ 52,568.94
	17	470	Destination Signs	INIT Soft Costs (per SR) Vehicle Panning,Proof of Performance, and Site Integration Testing	\$ 63,905.00	\$ 63,905.00
	18	480	Mirrors	Add Safefleet camera mirrors	\$ 4,892.14	\$ 4,892.14
	19	491	Door Exit	Change to Vapor Acoustic Class exit door	\$ 3,309.11	\$ 3,309.11
	20	526	Seating & Stanchions	Change to Ster seating with Q'pods	\$ 17,627.23	\$ 17,627.23
	21	549	HVAC System	Add floor heater	\$ 4,991.01	\$ 4,991.01
	22	600	Customer Options	Add GTT hydrogen detection system	\$ 6,350.00	\$ 6,350.00
	23	600	Customer Options	Add APEX Bike rack per State of Washington	\$ 1,736.78	\$ 1,736.78
	25	280	Passenger Signal	Remove stop request	\$ (173.00)	\$ (173.00)
	26	600	Customer Options	Add SafeFleet camera system	\$ 14,403.07	\$ 14,403.07
	27	600	Customer Options	Add Amerex suppression system	\$ 8,672.47	\$ 8,672.47
	28			One-time discount	\$ (19,158.93)	\$ (19,158.93)
Base Bus Price Change Total					\$ 181,867.96	\$ 181,867.96
Grand Total					\$ 181,867.96	\$ 181,867.96

Tab 4, Tariffs

Solicitation Requirements:

N/A

New Flyer Response:

New Flyer's proposed price **does not include any additional costs, duties, or price adjustments resulting from regulatory changes, changes or law, or future or recently imposed tariffs** as the cost impact is not available. New Flyer's proposed price is based on USMCA agreements and global Tariff values that were in place as of January 20th, 2025. Potential changes to tariffs have been an evolving situation with the full cost impact not yet visible. We expect the cost of Tariffs will increase the price of the bus between 3% and 15% however this is an estimate for your budgeting purposes only. New Flyer may send an updated proposal with an estimate of the Tariff amount once we have better visibility to the final global Tariff values.

To ensure continued production and delivery of our customers' buses, New Flyer will begin assessing the tariff impact on each bus build at the time of line entry. The amount of the price increase will vary based on the type of bus, Agency selected options, component sourcing, and timing of the order.

Per the terms of SOW Contract 06719-01, the following provisions apply:

Section 3.4, Economic Adjustment: ...For certainty, notwithstanding anything else to the contrary contained herein, in the event that a price adjustment is required in respect of changes that are mandatory as a result of legislation or regulations that become effective after the date of the tender submission, such price adjustment shall be negotiated in good faith by the Participants and the Contractor.

Should tariffs or regulatory changes affect the cost of materials, production, or services, or result in a change by Champaign-Urbana Mass Transit District in the number of units to be procured, New Flyer reserves the right to adjust pricing accordingly.

The Price Change reflective of actual Tariff costs, will be calculated at the time of line entry and will be provided with auditable backup to Champaign-Urbana Mass Transit District. The amount will be calculated through New Flyer's SRCR (Sales Release Change Request) process and passed through at cost. It will be clearly identified as a Tariff Surcharge on the Price Change.

The payment terms for Tariffs are net 15 days from the time of the Price Change, including auditable backup, and invoice are presented to Champaign-Urbana Mass Transit District.

The federal government requires that the importer on record pay for Tariffs 2 weeks from the date they are incurred and provide a bond for tariff payments. New Flyer has provided a bond to the Federal Government for Tariff Payments; therefore, the Tariff payment at line entry is not considered an Advanced Payment, and no additional security is required.

New Flyer is taking an active advocacy role to educate stakeholders on the impact of tariffs on our industry and the economic impact to Transit Agencies. Unforeseen economic factors and changes in laws and regulations create disruption and added costs. We encourage Champaign-Urbana Mass Transit District to reach out to your government offices to share the impact of Tariffs on your organization and participate in advocacy outreach where and how you deem appropriate.

Tab 5, Payment Terms and Milestones**Solicitation Requirements:**

N/A

New Flyer Response:

This contract will include separate invoicing for tariffs and the proposed bus (as defined in the SOW Contract 06719-01 agreement), which result in separate payment terms.

Tariff Payment Terms

The payment terms for Tariffs are net 15 days from the time of the Price Change, including auditable backup, and invoice are presented to Champaign-Urbana Mass Transit District.

Contract Payment Terms

SOW Contract 06719-01 payment terms are 100% at acceptance, net 30 days, with bus acceptance required within fifteen (15) days of delivery.

Alternate Bus Payment Terms

New Flyer is pleased to present the following alternate milestone payments options that offer added flexibility and cost savings to Champaign-Urbana Mass Transit District. These milestone payment options are outlined below and are conditional upon accepting of one of the proposed options.

Terms – Payment Net 30 for all Milestones	Percentage	Amount	Discount	Net Payment
Option 1				
Battery Installation	75%	\$1,224,089	(\$9,223)	\$1,214,866
Acceptance	25%	\$408,030	-	\$408,030
	100%	\$1,632,118	(\$9,223)	\$1,622,896
Option 2				
Approval for Shipment from Facility	80%	\$1,305,695	(\$5,366)	\$1,300,329
Acceptance	20%	\$326,424	-	\$326,424
	100%	\$1,632,118	(\$5,366)	\$1,626,753

Tab 6, Bus Warranty Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Tab 6a, Warranty Proposal](#).

Please note that Warranty Pricing is included as part of the Bus Price.



CONTRACT DELIVERABLES LIST		Warranty
CUSTOMER NAME	Champaign Urbana	
BID NUMBER	2025-051 (20-046 SOW)	
BUS MODEL	XHE40 (136 kwh)	
QUANTITY	1	

MAJOR COMPONENT DESCRIPTION	BASE AND EXTENDED WARRANTY			COMMENTS
	PROVIDER	YEARS	MILES	
Base Bus Warranty	New Flyer of America	2	100,000	Excluding scheduled maintenance items, acts of nature, or normal consumables
Basic Bus Structure	New Flyer of America	3	150,000	Body, and body structure shall consist of the components that are bolted or riveted to the structure, such as, exterior panels, interior panels, roof, ceiling, and driver's barrier.
Chassis Structure (Integrity)	New Flyer of America	12	500,000	Consists of all components that are welded together to form the main frame (skeleton) and body construction. The structural integrity guarantee covers against a significant loss of structural integrity of the assembly or its functional performance due to non corrosion related failures.
Chassis Structure (Corrosion)	New Flyer of America	12	500,000	Consists of all components that are welded together to form the main frame (skeleton) and body construction. The corrosion guarantee covers against a significant loss of structural integrity of the assembly or its functional performance, resulting from a pertinent loss of cross-section due to corrosion caused by normal environmental elements but excludes corrosion caused by aggressive road de-icers such as Magnesium Chloride or equivalents, unless New Flyer approved preventative measures are taken.
Propulsion System (Traction System, Controllers/Inverters and Gear Box)	Siemens/New Flyer of America	6	300,000	First 5 years covered by Siemens and the 6th year covered by New Flyer. All warranty claims to be submitted to New Flyer.
Hydrogen Fuel Cell	Ballard	6	250,000	Some limitations and exclusions may apply - Please see manufacturer's warranty document.
DC / DC Converter	Ballard	6	250,000	Some limitations and exclusions may apply - Please see manufacturer's warranty document.
Fuel Cell High Voltage Batteries (136 kwh)	Xalt Energy/New Flyer Industries Limited	6	300,000	<p>"Capacity fade is the relative reduction of the total amount of energy the battery system can store in a single charge for the purpose of powering the bus as compared to capacity at beginning of life (BOL). Capacity fade is warranted to 80% at year 6 when;</p> <p>1) capacity measurements are taken from a balanced ESS, and 2) ESS is maintained in the manner described in the New Flyer Service Manual."</p> <p>"The string Battery Management System (BMS) controllers and Power Distribution Unit (PDU) are warranted for proper operation up to year 6 when the ESS is maintained in the manner described in the New Flyer Service Manual."</p> <p>All warranty claims to be submitted to New Flyer.</p>

Axle (Front and Rear)	MAN	5	300,000	Excluding maintenance items & items that are not covered by the OEM's warranty. All friction materials are excluded from this limited warranty. Wear and third party items supplied with the axle (e.g. slack adjuster, seals and bearings, shocks, air bellows, radius rods, brake chambers) are not included in the 5 year warranty. Please see manufacturer's warranty document.
A/C	Thermo King	2	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document. All repairs/warranty claims need to be handled through the local authorized repair facility.
Brake System	New Flyer of America	2	100,000	Friction Material Excluded
Destination Signs	Twin Vision	6	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document. All repairs/warranty claims need to be handled through the local authorized repair facility.
Door Systems	Vapor	3	150,000	Excluding maintenance items & items that are not covered by the OEM's warranty
Air Compressor	VMAC	2	Unlimited	
Wheelchair Ramp	New Flyer of America	2	100,000	
Electrical System	Parker	3	150,000	Excluding maintenance items & items that are not covered by the OEM's warranty
LED Headlights	J.W.Speaker	6	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document.
Towing	New Flyer of America	2	100,000	
Air Dryer	Bendix	2	100,000	
Charge Air Cooler	EMP	3	150,000	
Fire Suppression System	Amerex	3	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document.
Power Steering	New Flyer of America	2	100,000	
Radiator Fan Drive	Modine	3	150,000	
Hydraulic Systems	New Flyer of America	2	100,000	
New Flyer Connect System	New Flyer of America	6	Unlimited	Warranty covers system and subscription for 6 years.
Paint	Axalta	5	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document.

Tab 7, Bus Training Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer **Tab 7a, Training Proposal**.

Please note that this proposal is for recommended training only. Training courses may be selected by Champaign-Urbana Mass Transit District. New Flyer's training team is happy to advise on selecting the correct training for your needs.

Corresponding prices are not included in the Bus Price.

CONTRACT DELIVERABLES LIST		CUSTOMER TRAINING		Note: Line items listed are individual courses. The hours shown are instructor hours for each course. The Transit Agency must select which courses and which quantities are required based on their specific operation and staffing.	
CUSTOMER NAME	Champaign-Urbana				
BID/OPTION/SR NUMBER	2025-051				
TECHNICAL SUMMARY	Rev Draft 1				
BUS MODEL	XHE40				
QUANTITY	1				
New Flyer Supplied Training					
DESCRIPTION	RECOMMENDED MAXIMUM NUMBER OF STUDENTS PER CLASS	QTY HRS.	TOTAL SELLING PRICE AT BID	REQUIREMENT	BILLABLE: Y/N
Operator Orientation (Train-the-Trainer)	6	4	\$1,254.03	Recommended	Y
Maintenance Orientation	15	4	\$1,254.03	Recommended	Y
First Responder Orientation	25	4	\$986.85	Recommended	Y
Preventive Maintenance Inspection	10	4	\$986.85	Recommended	Y
Multiplex System	10	32	\$7,894.80	Recommended	Y
Entrance & Exit Doors	10	4	\$986.85	Recommended	Y
Wheelchair Ramp	10	4	\$1,254.03	Recommended	Y
Brake Systems and Axles	10	16	\$3,947.40	Recommended	Y
Air System and ABS	10	8	\$1,973.70	Recommended	Y
Suspension and Steering	10	8	\$1,973.70	Recommended	Y
Coolant Loop Fill Procedure	10	4	\$986.85	Recommended	Y
Towing	10	4	\$986.85	Recommended	Y
Body and Structure	10	4	\$986.85	Recommended	Y
Propulsion/Fuel Cell/ESS Familiarization/HV Safety	6	40	\$9,868.50	Recommended	Y
Propulsion/Fuel Cell/ESS Troubleshooting	10	24	\$5,921.10	Recommended	Y
Sub Total - New Flyer Training			\$41,262.39		Y
OEM Vendor Supplied Training					

CONTRACT DELIVERABLES LIST		CUSTOMER TRAINING			
CUSTOMER NAME		Champaign-Urbana			
BID/OPTION/SR NUMBER		2025-051			
TECHNICAL SUMMARY		Rev Draft 1		Note: Line items listed are individual courses. The hours shown are instructor hours for	
DESCRIPTION	RECOMMENDED MAXIMUM NUMBER OF STUDENTS PER CLASS	QTY HRS.	TOTAL SELLING PRICE AT BID		
HVAC Maintenance	8	8	\$5,130.00	Recommended	Y
Fire Suppression/Gas Detection	10	8	\$5,670.00	Recommended	Y
Destination Sign	10	12	\$5,670.00	Recommended	Y
Siemens Propulsion Troubleshooting	8	24	\$18,630.00	Recommended	Y
XALT ESS Troubleshooting	8	16	\$13,500.00	Recommended	Y
Ballard Fuel Cell Level 1 & 2	8	24	\$25,920.00	Recommended	Y
Ballard Fuel Cell Level 3	8	24	\$25,920.00	Recommended	Y
Sub Total - OEM Vendor Training			\$100,440.00		
Training Total (priced separate from the bus price)			\$141,702.39		Y

Tab 8, Bus Publications Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Tab 8a, Publications Proposal](#).

Please note that Publication Pricing is included in the Bus Price.

CONTRACT DELIVERABLES SHEET
PUBLICATIONS rev a. April 11, 2025

PRIMARY CUSTOMER NAME	Champaign
PUBLICATIONS CUSTOMER NAME	Champaign-Urbana Mass Transit District
BID NUMBER	2025-051
BUS MODEL	XHE40
QUANTITY	1

New Flyer Standard Bus Publications

DESCRIPTION	QTY	CUSTOMER DELIVERY
Emergency Responder Guide (8.5x11 laminated paper)	1	With First Bus Delivery
Operator's Guide (8.5x11 3-hole)	1	With First Bus Delivery
Parts Manual	2	30 Business Days After Last Bus Delivery
Service Manual	2	30 Business Days After Last Bus Delivery
Bus System Drawings Manual (11x17 3-hole regular paper includes air, electr, hydraulic, cooling, PLC HVAC layouts and schematics)	2	30 Business Days After Last Bus Delivery
TIV USB	2	30 Business Days After Last Bus Delivery

OEM Supplier Publications

DESCRIPTION	QTY	CUSTOMER DELIVERY
Siemens E-Drive Propulsion System OEM Vendor Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
ELFA3 System User Guide (Safety, Installation, Operation, Maintenance, Diagnostics and Parts information documents)	2	"
Ballard Fuel Cell OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
FCMove Fuel Cell System User Guide	2	"
ESS Battery OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
XALT Energy ESS Battery User Manual	2	"
Modine BTMS OEM Manual (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
BTMS Service Manual	2	"
Thermo King HVAC OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
Unit Operation & Maintenance Manual	2	"
Unit Operation & Parts Manual	2	"
EMP Cooling System OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
MH5 Cooling System Service Manual	2	"
MH5 Cooling System Troubleshooting Manual	2	"
WABCO ABS System OEM Manual (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
ABS Maintenance Manual	2	"

CONTRACT DELIVERABLES SHEET		PUBLICATIONS rev a. April 11, 2025
PRIMARY CUSTOMER NAME		Champaign
PUBLICATIONS CUSTOMER NAME		Champaign-Urbana Mass Transit District
BID NUMBER		2025-051
BUS MODEL		XHE40
QUANTITY		1
Destination Sign OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
Twin Vision Operation & Maintenance Manual	2	"
Valeo Aux Coolant Heater System OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
Thermo DC 200 Workshop Manual	2	"
SafeFleet Video Surveillance OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
Seon System Maintenance and Troubleshooting Guide	2	"
Vmax Viewing Software Guide	2	"
IRMA APC System OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
IRMA Matrix System User Manual	2	"
Parker Multiplexing System OEM Manuals (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
VMM 1615 User Guides	2	"
VMM 1615 Software User Guides	2	"

Tab 9, Bus Tools and Diagnostics Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Tab 9a, Tools and Diagnostics Proposal](#).

Please note that this proposal outlines New Flyer's recommended tools and diagnostics package required to maintain the Xcelsior® bus. The package acts as a shopping list for Champaign-Urbana Mass Transit District to select from, as required.

The corresponding prices are not included in the Bus Price.

New Flyer Tools Diagnostics Proposal



Date	4/29/2025
Revision Level	Rev Draft 1
Customer Name	Champaign-Urbana
Bid / Option Number	2025-051
Quantity - Bus Model	
Pricing Expiration Date	

Item	Billing Method	Customer Specification Description	NF Parts Description	Part Number Type	Bid Quoted NF Part # or Link	Quantity	Individual Unit Selling Price (USD)	Total Selling Price (USD)
1	Billed Separately		KIT - Panasonic FZ55 Toughbook Laptop	Diagnostic Equipment	6502351	1	\$ 4,410.52	\$ 4,410.52
2	Billed Separately		Nexiq USB Link™ 3 - WIFI/Bluetooth Edition	Diagnostic Equipment	6494933	1	\$ 1,226.40	\$ 1,226.40
3	Billed Separately		Harness - Adapter Diagnostic CAN 2	Diagnostic Equipment	07-12-5916	1	\$ 141.07	\$ 141.07
4	Billed Separately		Intelligaire III Diagnostic Software & Cables	Diagnostic Equipment	6393934	1	\$ 2,560.48	\$ 2,560.48
5	Billed Separately		Valeo Diagnostic Software & Cables	Diagnostic Equipment	6499004	1	\$ 691.42	\$ 691.42
6	Billed Separately		Valeo Adapter - Diagnostic	Diagnostic Equipment	6492163	1	\$ 111.60	\$ 111.60
7	Billed Separately		Cable - PVSG Interface	Diagnostic Equipment	6487019	1	\$ 56.84	\$ 56.84
8	Billed Separately		Cable - Transtech VR Interface	Diagnostic Equipment	6488984	1	\$ 320.82	\$ 320.82
9	Billed Separately		Vapor Class System Diagnostic Interface Kit	Diagnostic Equipment	6358421	1	\$ 61.42	\$ 61.42
10	Billed Separately		Siemens PCAN Interface Harness	Diagnostic Equipment	711447	2	\$ 135.82	\$ 271.64
11	Billed Separately		USB CAN Adapter - Siemens Interface	Diagnostic Equipment	6402046	1	\$ 448.86	\$ 448.86
12	Billed Separately		UDS Software - Vector Indigo	Diagnostic Equipment	6487897	1	\$ 3,683.76	\$ 3,683.76
13	Billed Separately		Vector Keyman USB Dongle	Diagnostic Equipment	6487899	1	\$ 154.78	\$ 154.78
14	Billed Separately		Indigo Interface - Vector VN1630 Log	Diagnostic Equipment	6491163	1	\$ 2,835.57	\$ 2,835.57
15	Billed Separately		CANPiggy 1057GCap - Vector	Diagnostic Equipment	6491232	2	\$ 300.27	\$ 600.55
16	Billed Separately		CANcable 2Y - Vector Indigo	Diagnostic Equipment	6412000	2	\$ 61.91	\$ 123.82
17	Billed Separately		XALT Interface Cable - Batteries	Diagnostic Equipment	704950	1	\$ 216.69	\$ 216.69
18	Billed Separately		Kit - XALT SPI Tool Universal	Diagnostic Equipment	6482554	1	\$ 2,697.17	\$ 2,697.17
19	Billed Separately		Plug - MSD Blank	Diagnostic Equipment	869751	1	\$ 75.84	\$ 75.84
20	Billed Separately		Cap - 6 PK Bus Bar Protective Cvr	Diagnostic Equipment	6483658	1	\$ 232.25	\$ 232.25
21	Billed Separately		Key, Cam Latch #4 (ESS Triangle Key)	Diagnostic Equipment	6476226	1	\$ 4.98	\$ 4.98
22	Billed Separately		Diag Cable - Ballard RDU	Diagnostic Equipment	6473813	1	\$ 362.19	\$ 362.19
23	Billed Separately		Amerex SafetyNet Software & Interface	Diagnostic Equipment	6355551	1	\$ 762.26	\$ 762.26
24	Billed Separately		Ethernet Cable - IRMA APC	Diagnostic Equipment	6465569	1	\$ 136.21	\$ 136.21
25	Billed Separately		Wabco ABS Software (Initial Download)	are / Annual Renewals/ Subscri	6334596	1	\$ 433.38	\$ 433.38
26	Billed Separately		Wabco ABS Software (Renewal)	are / Annual Renewals/ Subscri	6495817	1	\$ 410.17	\$ 410.17
27	Billed Separately		Annual Maintenance - Vector Indigo	are / Annual Renewals/ Subscri	6487898	1	\$ 662.46	\$ 662.46
28	Billed Separately		EMP Software	No Charge Software	EMP : Drivers & Downloads (emp-	1	\$ -	\$ -
29	Billed Separately		Twin Vision MIE Software	No Charge Software	https://luminator.zendesk.com/hc	1	\$ -	\$ -
30	Billed Separately		Vansco Software	No Charge Software	http://divapps.parker.com/divapp	1	\$ -	\$ -
31	Billed Separately		Vansco 1210 Chooser	No Charge Software	http://divapps.parker.com/divapp	1	\$ -	\$ -
32	Billed Separately		PVSG Software	No Charge Software	https://ph.parker.com/us/17616/	1	\$ -	\$ -
33	Billed Separately		Smarttrider Software	No Charge Software	https://promo.parker.com/promo	1	\$ -	\$ -
34	Billed Separately		Vapor Class System Software	No Charge Software	kkobel@Wabtec.com	1	\$ -	\$ -
35	Billed Separately		Vapor VETC2 Software	No Charge Software	agoetzelmann@Wabtec.com	1	\$ -	\$ -
36	Billed Separately		Mobile Starter Software	No Charge Software	darryl_desjarlais@newflyer.com	1	\$ -	\$ -
37	Billed Separately		Siemens Siadis Software	No Charge Software	cv-services.us@meritor.com	1	\$ -	\$ -
38	Billed Separately		XALT Service Tool Software	No Charge Software	darryl_desjarlais@newflyer.com	1	\$ -	\$ -
39	Billed Separately		Modine BTMS Software	No Charge Software	Troubleshooting & Diagnostics - M	1	\$ -	\$ -
40	Billed Separately		Danfoss Software - Berendsen Pwr Strg	No Charge Software	darryl_desjarlais@newflyer.com	1	\$ -	\$ -
41	Billed Separately		Ballard Software	No Charge Software	http://ballard.com/contact-us	1	\$ -	\$ -

New Flyer Tools Diagnostics Proposal

42	Billed Separately		Kit - Lift Tow Universal	Special Tools and PPE	6396565	1	\$	327.96	\$	327.96
43	Billed Separately		Kit - Lift Tow Receivers	Special Tools and PPE	6396567	1	\$	2,131.89	\$	2,131.89
44	Billed Separately		Xcelsior Flat Tow adapter (2 pcs. Per set)	Special Tools and PPE	6395097	1	\$	2,132.20	\$	2,132.20
45	Billed Separately		Assy - Frame Flat Towing	Special Tools and PPE	902990	1	\$	6,551.82	\$	6,551.82
46	Billed Separately		Jacking Adapters	Special Tools and PPE	434434	1	\$	1,179.13	\$	1,179.13
47	Billed Separately		Tool - Sway Bar Bushing Removal	Special Tools and PPE	566804	1	\$	475.58	\$	475.58
48	Billed Separately		Repair Kit - Disc Brakes & Synact Calipers	Special Tools and PPE	6501865	1	\$	10,513.04	\$	10,513.04
49	Billed Separately		Torque Multiplier	Special Tools and PPE	6314711	1	\$	2,692.20	\$	2,692.20
50	Billed Separately		Hub Repair Kit - MAN VOK-08 Frt Axle	Special Tools and PPE	6408311	1	\$	11,278.65	\$	11,278.65
51	Billed Separately		Optional Hub Removal Hydraulic Tool Kit - MAN VOK-08	Special Tools and PPE	6458834	1	\$	7,063.48	\$	7,063.48
52	Billed Separately		King Pin Press Kit - MAN VOK-08 Frt Axle	Special Tools and PPE	6494532	1	\$	21,425.81	\$	21,425.81
53	Billed Separately		Hub Repair Kit - MAN HY1350 RR Axle	Special Tools and PPE	6408306	1	\$	7,158.37	\$	7,158.37
54	Billed Separately		ABS Sensor R&R Kit - MAN HY1350 RR Axle	Special Tools and PPE	6408307	1	\$	1,309.52	\$	1,309.52
55	Billed Separately		Pinion Seal Repair Kit - MAN HY1350 RR Axle	Special Tools and PPE	6444302	1	\$	3,277.59	\$	3,277.59
56	Billed Separately		Differential Repair Kit - MAN HY1350 RR Axle	Special Tools and PPE	6444303	1	\$	11,147.36	\$	11,147.36
57	Billed Separately		Optional Tool Kit - MAN HY1350 RR Axle	Special Tools and PPE	6444304	1	\$	44,883.37	\$	44,883.37
58	Billed Separately		Adj Tool - Strg Gear Box Press Relief	Special Tools and PPE	6465265	1	\$	344.83	\$	344.83
59	Billed Separately		Depth Punch - Strg Gear Box Press Relief	Special Tools and PPE	6465266	1	\$	258.64	\$	258.64
60	Billed Separately		Flow Meter Tester - Strg Gear Box	Special Tools and PPE	140809	1	\$	1,911.92	\$	1,911.92
61	Billed Separately		Puller Tool - Pitman Arm	Special Tools and PPE	6394270	1	\$	755.91	\$	755.91
62	Billed Separately		TK A/C Tool Kit - TE15 R407c	Special Tools and PPE	6472762	1	\$	31,535.00	\$	31,535.00
63	Billed Separately		Amerex Discharge Hose Blowout Adapter	Special Tools and PPE	052132	1	\$	209.59	\$	209.59
64	Billed Separately		Amerex Fire Alarm/Simulator Module	Special Tools and PPE	6484731	1	\$	408.76	\$	408.76
65	Billed Separately		Amerex Calibration Kit - AMGaDS III	Special Tools and PPE	6459321	1	\$	1,524.45	\$	1,524.45
66	Billed Separately		Assy - H2 Tank Pressure Interface	Special Tools and PPE	970139	1	\$	447.78	\$	447.78
67	Billed Separately		Valve Instl Tool	Special Tools and PPE	6473780	1	\$	1,752.11	\$	1,752.11
68	Billed Separately		Ballard Special Tools Kit, HD7	Special Tools and PPE	6473770	1	\$	1,338.85	\$	1,338.85
69	Billed Separately		Assy - Magnapower Charger	Special Tools and PPE	842767	1	\$	11,126.30	\$	11,126.30
70	Billed Separately		Kit - Pressure Test Tool	Special Tools and PPE	6493641	1	\$	1,560.85	\$	1,560.85
71	Billed Separately		Head Wrench, Dessiccant Canister	Special Tools and PPE	6485513	1	\$	301.73	\$	301.73
72	Billed Separately		Kit - ESS Coolant Pressure Tester	Special Tools and PPE	6486719	1	\$	1,465.83	\$	1,465.83
73	Billed Separately		Kit - ESS Coolant Pressure Fill	Special Tools and PPE	6411553	1	\$	9,892.21	\$	9,892.21
74	Billed Separately		Assy, Lift Beam ESS Rack	Special Tools and PPE	6505018	1	\$	5,499.05	\$	5,499.05
75	Billed Separately		Boom, Forklift Adapter	Special Tools and PPE	6485514	1	\$	3,897.55	\$	3,897.55
76	Billed Separately		Lifting Adapter Assy - Siemens PEM	Special Tools and PPE	6481413	1	\$	942.86	\$	942.86
77	Billed Separately		Lifting Device - XALT XMOD Battery Modules	Special Tools and PPE	6476635	1	\$	1,857.36	\$	1,857.36
78	Billed Separately		Clamp Meter - 1000A Fluke 376	Special Tools and PPE	6487900	1	\$	1,174.55	\$	1,174.55
79	Billed Separately		Fluke 2 in 1 Multimeter - 1587FC	Special Tools and PPE	6400746	1	\$	1,787.86	\$	1,787.86
80	Billed Separately		Conductivity Meter	Special Tools and PPE	6489997	1	\$	777.77	\$	777.77
81	Billed Separately		modular test lead kit	Special Tools and PPE	6473267	1	\$	339.57	\$	339.57
82	Billed Separately		test probe flat blade	Special Tools and PPE	6473268	1	\$	55.10	\$	55.10
83	Billed Separately		test probe back probe	Special Tools and PPE	6473269	1	\$	46.43	\$	46.43
84	Billed Separately		Wiha Insulated Master Electrician's tool kit	Special Tools and PPE	6473445	1	\$	4,787.49	\$	4,787.49
85	Billed Separately		wiha 1/4 in ratchet set insulated SAE	Special Tools and PPE	6473447	1	\$	710.19	\$	710.19
86	Billed Separately		wiha 1/4 in ratchet set insulated Metric	Special Tools and PPE	6473448	1	\$	710.60	\$	710.60
87	Billed Separately		16 PC 3/8 drive socket set	Special Tools and PPE	6473449	1	\$	717.95	\$	717.95
88	Billed Separately		3/8 Extension set	Special Tools and PPE	6473450	1	\$	81.04	\$	81.04
89	Billed Separately		3/8 Extension set	Special Tools and PPE	6473451	1	\$	111.44	\$	111.44
90	Billed Separately		wiha open end wrench insulated metric	Special Tools and PPE	6473452	1	\$	982.91	\$	982.91

New Flyer Tools Diagnostics Proposal

91	Billed Separately		wiha open end wrench insulated sae	Special Tools and PPE	6473453	1	\$	1,527.48	\$	1,527.48
92	Billed Separately		Wiha insulated Serrated Tweezers Straight	Special Tools and PPE	6473454	1	\$	100.50	\$	100.50
93	Billed Separately		Wiha insulated Serrated Tweezers Angled	Special Tools and PPE	6473455	1	\$	89.66	\$	89.66
94	Billed Separately		Insulated Torque Wrench 1/4"	Special Tools and PPE	6473456	1	\$	1,006.07	\$	1,006.07
95	Billed Separately		Insulated Torque Wrench 3/8"	Special Tools and PPE	6472024	1	\$	1,098.94	\$	1,098.94
96	Billed Separately		Insulated Torque Wrench 1/2"	Special Tools and PPE	6473457	1	\$	1,160.09	\$	1,160.09
97	Billed Separately		torque screwdriver set	Special Tools and PPE	6473458	1	\$	690.32	\$	690.32
98	Billed Separately		insulated crimper 30 - 6 Awg 7"	Special Tools and PPE	6473459	1	\$	58.82	\$	58.82
99	Billed Separately		wire stripper 6 - 3/8 overall 20 to 10	Special Tools and PPE	6473460	1	\$	54.17	\$	54.17
100	Billed Separately		insulated water pump pliers v-jaw	Special Tools and PPE	6473461	1	\$	103.19	\$	103.19
101	Billed Separately		insolated hex key set 10pc metric	Special Tools and PPE	6473462	1	\$	303.37	\$	303.37
102	Billed Separately		Long SAE Natural insulated hex key set 12 pc	Special Tools and PPE	6473463	1	\$	391.59	\$	391.59
103	Billed Separately		bit driver	Special Tools and PPE	6473464	1	\$	122.28	\$	122.28
104	Billed Separately		Stubby Bit Driver	Special Tools and PPE	6473465	1	\$	43.34	\$	43.34
105	Billed Separately		Wiha Insulated "bitFlip" Set	Special Tools and PPE	6472034	1	\$	100.61	\$	100.61
106	Billed Separately		Mini Screw Driver set	Special Tools and PPE	6473466	1	\$	104.74	\$	104.74
107	Billed Separately		ARC Flash Protection Clothing Kit - 2PC Small	Special Tools and PPE	6471958	1	\$	1,117.77	\$	1,117.77
108	Billed Separately		ARC Flash Protection Clothing Kit - 2PC Medium	Special Tools and PPE	6473412	1	\$	909.13	\$	909.13
109	Billed Separately		ARC Flash Protection Clothing Kit - 2PC Large	Special Tools and PPE	6473413	1	\$	1,117.77	\$	1,117.77
110	Billed Separately		ARC Flash Protection Clothing Kit - 2PC XL	Special Tools and PPE	6473414	1	\$	1,117.77	\$	1,117.77
111	Billed Separately		ARC Flash Protection Clothing Kit - 2PC 2XL	Special Tools and PPE	6471962	1	\$	1,173.68	\$	1,173.68
112	Billed Separately		ARC Flash Protection Clothing Kit - 2PC 3XL	Special Tools and PPE	6471963	1	\$	1,229.56	\$	1,229.56
113	Billed Separately		ARC Flash Protection Clothing Kit - 2PC 4XL	Special Tools and PPE	6471964	1	\$	1,285.43	\$	1,285.43
114	Billed Separately		ARC Flash Protection Clothing Kit - 2PC 5XL	Special Tools and PPE	6471965	1	\$	1,321.74	\$	1,321.74
115	Billed Separately		ARC Flash Protection Clothing Kit - 1PC Small	Special Tools and PPE	6471966	1	\$	878.27	\$	878.27
116	Billed Separately		ARC Flash Protection Clothing Kit - 1PC Medium	Special Tools and PPE	6473415	1	\$	909.13	\$	909.13
117	Billed Separately		ARC Flash Protection Clothing Kit - 1PC Large	Special Tools and PPE	6473416	1	\$	909.13	\$	909.13
118	Billed Separately		ARC Flash Protection Clothing Kit - 1PC XL	Special Tools and PPE	6473417	1	\$	909.13	\$	909.13
119	Billed Separately		ARC Flash Protection Clothing Kit - 1PC 2XL	Special Tools and PPE	6473418	1	\$	1,060.24	\$	1,060.24
120	Billed Separately		ARC Flash Protection Clothing Kit - 1PC 3XL	Special Tools and PPE	6471971	1	\$	1,060.24	\$	1,060.24
121	Billed Separately		ARC Flash Protection Clothing Kit - 1PC 4XL	Special Tools and PPE	6471972	1	\$	1,046.41	\$	1,046.41
122	Billed Separately		ARC Flash Protection Clothing Kit - 1PC 5XL	Special Tools and PPE	6471973	1	\$	1,060.24	\$	1,060.24
123	Billed Separately		Balaclava Head Cover one size fits all	Special Tools and PPE	6473440	1	\$	60.33	\$	60.33
124	Billed Separately		Hard Hat and Face Shield one size fits all	Special Tools and PPE	6368561	1	\$	410.63	\$	410.63
125	Billed Separately		Harness - Fall Body Arc Flash (425 lbs)	Special Tools and PPE	6700155	1	\$	1,571.02	\$	1,571.02
126	Billed Separately		Black electrical glove kit, Size 7	Special Tools and PPE	6471976	1	\$	162.50	\$	162.50
127	Billed Separately		Black electrical glove kit, Size 8	Special Tools and PPE	6473420	1	\$	170.64	\$	170.64
128	Billed Separately		Black electrical glove kit, Size 8.5	Special Tools and PPE	6471978	1	\$	157.32	\$	157.32
129	Billed Separately		Black electrical glove kit, size 9	Special Tools and PPE	6471979	1	\$	157.89	\$	157.89
130	Billed Separately		Black electrical glove kit, Size 9.5	Special Tools and PPE	6473421	1	\$	157.32	\$	157.32
131	Billed Separately		Black electrical glove kit, size 10	Special Tools and PPE	6473422	1	\$	155.76	\$	155.76
132	Billed Separately		Black electrical glove kit, Size 10.5	Special Tools and PPE	6473423	1	\$	226.23	\$	226.23
133	Billed Separately		Black electrical glove kit, size 11	Special Tools and PPE	6473424	1	\$	162.50	\$	162.50
134	Billed Separately		Black electrical glove kit, size 12'	Special Tools and PPE	6473425	1	\$	157.32	\$	157.32

New Flyer Tools Diagnostics Proposal

135	Billed Separately		HV Blanket 3' x 3'	Special Tools and PPE	6473431	1	\$	454.85	\$	454.85
136	Billed Separately		Blanket Clamp 9-1/2" L, 5" Opening	Special Tools and PPE	6473432	1	\$	38.14	\$	38.14
137	Billed Separately		Glove Dust 0.5oz	Special Tools and PPE	6473433	1	\$	16.41	\$	16.41
138	Billed Separately		Rescue Hook 6FT	Special Tools and PPE	6400745	1	\$	683.59	\$	683.59
139	Billed Separately		Defibrillator Adult	Special Tools and PPE	6502239	1	\$	3,063.51	\$	3,063.51
140	Billed Separately		Brady Personal Lockout Pouch Kit	Special Tools and PPE	6494427	1	\$	61.65	\$	61.65
141	Billed Separately		Steel Lock Hasp with Tab	Special Tools and PPE	6473442	1	\$	19.16	\$	19.16
142	Billed Separately		American lock A1106RED	Special Tools and PPE	6473443	1	\$	26.70	\$	26.70
143	Billed Separately		Lock Out Tag (pk of 25)	Special Tools and PPE	6473444	1	\$	27.29	\$	27.29
144	Billed Separately		Hv Warning sign	Special Tools and PPE	6473436	1	\$	20.66	\$	20.66
145	Billed Separately		Arc Flash Warning sign	Special Tools and PPE	6473437	1	\$	14.58	\$	14.58
146	Billed Separately		steering wheel covers	Special Tools and PPE	6473439	1	\$	77.79	\$	77.79
147	Billed Separately		Cart - Safety Barricade System (up to 75ft)	Special Tools and PPE	6491772	1	\$	1,516.84	\$	1,516.84
148	Billed Separately		Tape - Red HV Safety	Special Tools and PPE	6491845	1	\$	45.94	\$	45.94

Notes:

- Part numbers are subject to change.
- If multiple kits are ordered, the subcomponent quantities listed will only display the total quantities needed per kit.
- If parts are required to be assembled in advance of shipment, please confirm part number type is set to "Assembly".

Total Amount Included in Bus Price \$ -

Total Amount Billed Separately \$ 280,232.98

*Above totals exclude applicable taxes.

Tab 10, Bus Contract Spares Proposal

Solicitation Requirements:

N/A

New Flyer Response:

There are no Contract Spares included in New Flyer's proposal.

Tab 11, Bus Delivery Schedule

Solicitation Requirements:

N/A

New Flyer Response:

New Flyer's proposal is based upon a delivery of all buses by Q3 of 2026.

Tab 12, Bus Technical Summary

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Tab 12a, Technical Summary](#) for the proposed bus.

Family	Family Description	Feature	Feature Description
100-00	XCELSIOR COACH LENGTH	X40	Xcelsior - 40' coach.
100-03	STRUCTURAL MATERIAL	CAR	Carbon steel/ferritic sst.
100-04	FUEL TYPE	XHE	Hydrogen at 350 BAR
100-05	EPA CALENDAR YEAR	025	2025
100-0K	ACCELERA GENERATION	EF3	ELFA 3
100-0Y	BUS MODEL YEAR	025	2025
201-01	FRONT BUMPER	NFI	Romeo Rim, three piece, front bumper.
201-03	FRONT TOWING PROVISIONS	002	Basic set-up, incorporated in front chassis with tow eyes for safety chains. Tow adapters are required.
201-05	REAR BUMPER	NFI	Romeo Rim, three piece, rear bumper with anti-ride feature.
203-01	FRONT AXLE	003	M.A.N. VOK-08, GAWR 18,078 lbs. With disc brakes. Hub mount, Knorr Synact Calipers, with Level N, near zero copper (<0.5%) brake pads.
203-02	SECUREMENT OF BRAKE LININGS	NFI	Bonded.
203-03	BRAKE WEAR INDICATION	003	Continuous wear sensors are required.
203-04	BRAKE WEAR INDICATION LOCATION	002	At instrument panel and at engine/propulsion compartment switch box via stand-alone lamps.
203-06	SHOCK ABSORBERS	NFI	Koni.
203-07	FRONT STABILIZER BAR	PVD	Required.
203-0A	FRT AXLE AND WHEEL SPLASH APRONS	001	Basic, full width, fore of axles and wheels.
203-0B	RADIUS ROD BUSHINGS	WIN	Windowed
204-01	REAR AXLE	004	M.A.N. 5.67:1 HY-1350 With disc brakes. Hub mount, Knorr Synact Calipers, with Level N, near zero copper (<0.5%) brake pads.
204-03	REAR AXLE GEAR OIL	SYN	Synthetic.
204-04	REAR STABILIZER BAR	PVD	Required.
204-09	REAR AXLE DRAIN PLUGS	EXT	Magnetic external hex head.
204-0A	REAR AXLE MUD FLAP	ONE	One aft of rear axle. (Requirement is determined by local climate, ice build-up, high ambient temperature.)
204-0C	REAR WHEEL MUD FLAP	002	One aft of each rear wheel.
205-01	TIRE SUPPLIER	002	Customer supplied tires.
205-06	WHEELS	ADF	Alcoa 22.5" x 8.25" aluminum. Polished Durabright finish with Duraflange treatment.
205-0J	STEERING AXLE TIRES	004	305/70R/22.5, Goodyear G652 (68 mph).
205-0M	REAR AXLE TIRES	004	305/70R/22.5, Goodyear G652 (68 mph).
209-01	POWER STEERING PUMP	ELC	Berendsen electric power steering pump. Mounted at the front streetside.
209-02	POWER STEERING HOSES	GAT	Gates G2XH

Family	Family Description	Feature	Feature Description
209-03	POWER STEERING DIAGNOSTIC FTGS	REQ	At steering box.
209-05	POWER STEERING RESERVOIR	REQ	Required.
209-06	POWER STEERING FLUID INDICATOR	003	Light required at the Cabin coolant fill door, front power steering fill port, and at instrument panel.
209-08	POWER STEERING DRAIN PLUG	MAG	Magnetic plug.
209-09	POWER STEERING UNIT	VTX	ZF TAS85, power assisted, frame mounted.
209-0A	POWER STEERING SYSTEM FLUID	DEX	Dexron III, mineral based.
209-0B	POWER STEERING SENSOR	REQ	Hydraulic level sensor required.
219-01	FUEL/PROPULSION SYSTEM	XHE	Accelera E-Drive, with Ballard fuel cell range extender.
219-05	AIR COMPRESSOR	V01	VMAC EC20, Liquid cooled rotary screw compressor powered by 600 VDC motor
219-0D	ROAD SPEED	065	Top road speed is governed. Set at 65 MPH (105 KPH).
219-0M	TRANSMISSION/HYBRID DRIVE/TRACTION MOTOR	023	SIEMENS PEM 1DB2016 FT traction motor, 230 KW. Launch Gradeability at GVWR: 14.8% (35' and 40'), 18.6% (60').
219-0N	EBUS REGENERATIVE BRAKING	005	0-10% driver controlled with accelerator pedal, 30% with accelerator pedal release, remaining 70% blended with brake application reaching 100% by 15psi.
219-0P	TRANSMISSION SHIFTING	NFI	Foot on brake enables shift when in neutral.
219-1C	AIR CLEANER	MAH	Mahle replaceable cartridge filter.
219-1D	AIR RESTRICTION INDICATOR	MCH	Mechanical gauge mounted directly on air intake tube.
219-1E	EXHAUST SYSTEM	FCL	SST tailpipe to disperse water vapour.
219-1F	EXHAUST TAIL PIPE ORIENTATION	001	Curved pipe set to 45 degrees to streetside.
219-1M	XHE PAINTED TAILPIPE	PTD	Painted per customer spec.
219-1U	ENGINE SWITCH BOX	FCL	Propulsion compartment light switch. Located at streetside propulsion compartment strut.
219-30	BALLARD FUEL CELL MODEL	FCM	Ballard FCMove.
231-02	RADIATOR,CAC,HYDR FLUID COOLER	FHV	Modine High Voltage 9 fan fuel cell radiator, with predictive cooling capabilities.
231-04	RADIATOR REVERSE FAN SW & DIAG LAMP	PSP	Located at propulsion compartment switch panel.
231-0C	RAD TUBES	SST	SST
231-0F	COOLANT FLUID/ANTIFREEZE	002	Extended Life (FINAL CHARGE) coolant. 50/50 distilled water with ethylene glycol with corrosion inhibitors and bittering agent, based on organic acid (carboxylate) technology. Orange fluid.

Family	Family Description	Feature	Feature Description
231-0U	XHE COOLANT RESERVOIR	REQ	Propulsion, Fuel Cell, ESS, and cabin heat systems use separate SST reservoirs.
231-0V	XHE COOLANT RESERVOIR PRESSURE RELIEF VALVE	REQ	Propulsion, ESS and cabin heating reservoirs use LEV-R VENT, built into tank cap. Pressure is continually vented on fuel cell coolant reservoir.
231-0Y	XHE COOLANT RESERVOIR SIGHT GLASS	REQ	Cabin Heating reservoir uses a graduated sight glass (glass material). Propulsion and ESS reservoirs use a glass level indicating ball.
231-0Z	XHE LOW COOLANT CONDITION	REQ	Shuts down fuel cell when fuel fill door is open and bus is in neutral with park brake applied. Prevents fuel cell restart. Programmable timing details are required for Electrical.
231-10	XHE COOLANT RESERVOIR TEST PORT	REQ	Schrader valve fitting provided on cabin heat reservoir.
234-01	WATER FILTER	FCL	Fuel cell de-ionized water filter, with 1/4 turn isolation valves.
241-06	HYDROGEN FUEL TANKS	HE5	Agility Fuel Solutions Type 4 Composite, 5 tanks, 16.3" OD x 125" long ,roof mounted cylinders with OMB HTV 24V solenoid valve. Total system capacity is 37.5 Kg at 5075 psi (350 bar). For 40' coach.
241-0K	HYDROGEN FUEL LINES	XHE	Dual 0.5" SST lines rated for use with hydrogen fuel, with Swagelok fittings.
241-0N	HYDROGEN PRESSURE RELIEF DEVICE	OMB	One remote OMB PRD and one OMB PRD integrated into tank valve (per tank). Operating pressure 0-350 bar (5075 psi). Operating temperatures: -40 to 85 C (-40 to 185 F), thermal relief (nominal) 110 C (230 F).
241-0W	HYDROGEN FUEL LEVEL GAUGE	LTB	Low level telltale displayed on instrument panel screen with audible buzzer.
241-0Y	HYDROGEN DEFUEL PROVISION	AFS	Swagelok AFS valve with locking tabs, with quick connect fitting.
241-0Z	HYDROGEN FUEL FILL RECEPTACLES	LUX	Luxfer WEH TN1 fast fill and TN5 H2 Fill Receptacle, with fuel pressure gauge at fill box. Includes tethered dust caps.
241-10	HYDROGEN FUEL LINE IDENTIFICATION	NFI	SST lines are labeled with yellow adhesive warning labels at every 36".
241-11	HYDROGEN TANK ISOLATION VALVES	AFS	Swagelok AFS ball valves included for each tank.
241-16	HYDROGEN FUEL FILL DOOR INTERLOCK	REQ	Shuts down fuel cell when fuel fill door is open and bus is in neutral with park brake applied. Prevents fuel cell restart. Programmable timing details are required for Electrical.
246-01	AIR COMPRESSOR DISCHARGE LINE	NFI	Teflon 2807 SST braided hose.

Family	Family Description	Feature	Feature Description
246-02	BASIC AIR TANKS	SP1	Combo Tank 1 (Wet Tank + Primary Brake Tank), Combo Tank 2 (Front Axle Kneeling Tank + Accessory Air Tank), Secondary Brake Tank, Rear Axle Kneeling Tank.
246-04	AIR TANK DRAIN VALVES	MNL	Manual 1/4 turn valve.
246-06	WET TANK DRAIN VALVE	MAN	Manual 1/4 turn valve.
246-09	RIDE HEIGHT SENSORS	SP4	SmartRider electronic leveling system on all axles.
246-0A	RIDE HEIGHT SETTINGS, NORMAL	SR1	Front ride height is 4.0" axle to bump stop.
246-0B	RIDE HEIGHT SETTINGS, HIGH RIDE/FRT OVER-RAISE	SP1	2" above normal on all axles, speed limited to 10 mph (16 Kph).
246-0C	RIDE HEIGHT SETTINGS, LOW RIDE	SP1	2.4" below normal on all axles, speed limited to 10 mph (16 Kph).
246-0E	DOOR INTERLOCK	EXT	Applied to exit door. Foot on brake to release interlock, applied via multiplex system programming.
246-0G	DRIVER'S PARK BRAKE ALARM	001	If the Master Run switch is in the OFF or PARK positions, the kneeling alarm is triggered to alert the driver that the park brake is not set.
246-0H	PARK BRAKE PRESSURE SETTING	NFI	40 psi auto-apply park brake valve. 60 psi pressure switch for park brake light activation.
246-0K	AIR DRYER	003	Bendix AD9 Tandem air dryer with IPC (Integrated Puraguard Cartridge).
246-0M	AIR DRYER LOCATION	RST	Under the rear step.
246-0U	PARK BRAKE ACTUATION	PUL	Pull To Apply.
246-0V	PARK/EMERG BRAKE LOCATION	PSC	Park brake control location - on side console panel.
246-13	FRONT TOW CONNECTOR	NPT	Male 1/4" NPT fitting with Series 20/30 coupler fitting, with tag.
246-14	FRONT AIR CONNECTOR ARRANGEMENT	SS1	Located below the bumper, streetside.
246-15	FRONT AIR CHARGE CONNECTOR	NPT	Male 1/4" NPT fitting with Series 20/30 coupler fitting, with tag.
246-16	REAR AIR CHARGE FITTING LOCATION	HFB	Mounted to forward face of hydrogen fill box.
246-17	REAR AIR CHARGE CONNECTOR TYPE	M05	Male 1/4" NPT multi-purpose quick coupling with ISO 7241 Series B Interchange (60 Series Nipple), with tag.
246-1B	FLEXIBLE AIR LINES	NFI	Synflex colour coded. Green: rear service brakes and supplies. Red: front service brakes. Brown: parking brake. Black: accessories and brake hose. Yellow: compressor and governor. Blue: suspension.
246-1E	ABS	NFI	Wabco.
246-1F	TRACTION CONTROL	W01	Wabco system, to reduce drive wheel overspin.

Family	Family Description	Feature	Feature Description
246-1J	FRONT CHARGE AIR ROUTING	WET	Direct charge to wet tank.
246-1K	REAR CHARGE AIR ROUTING	AFT	Connection after air dryer with direct path into wet tank.
246-1M	REAR CHARGING INDICATOR	REQ	60 PSI Pressure Switch Located in Rear Charge Air Line.
246-27	AIR SYSTEM TRANSDUCER FAULT DETECTION	001	Transducer Fault Detection - Transducer voltage falls to 0V if transducer failure occurs.
260-01	BATTERY MANAGEMENT	TRA	Transtech regulator w/Low Voltage Disconnect, temperature and current sensors to optimize battery life.
260-02	BATTERY VOLTAGE REGULATOR	002	Transtech REG24C w/J1939 and data logging
260-03	BATTERY VOLTAGE REGULATOR LOCATION	MCU	Mounted on MCU/TCU panel.
260-04	BATTERY TYPE / MFR	004	Four Odyssey group 31 Absorbed Glass Matt (AGM) maintenance free batteries. 1150 CCA. Top posts: 3/8" positive, 3/8" negative.
260-05	BATTERY CABLES	NFI	Red heat shrink on 24 volt positive cable end and light blue heat shrink on 12 volt positive cable end.
260-09	BATTERY TRAY	NFI	Slide out battery acid resistant polyethylene enclosure with SST sub frame, SST bearings and rubber isolation mounts. Located aft of the curbside rear wheelhouse. Note: battery access door opens to the side.
260-0C	POSITIVE BATTERY DISCONNECT SW	002	Required with quick access through flip-open door (No engine shutdown feature).
260-0E	BATTERY VOLTAGE EQUALIZER	V02	Vanner 100 amp.
260-0F	JUMP START MANUFACTURER/TYPE	A01	Anderson SB350 grey
260-0G	JUMP START LOCATION	004	At the RH propulsion compartment strut facing rearward accessible via the propulsion compt. door.
260-0K	ENERGY STORAGE SYSTEM BTRY SUPPLIER/TYPE	XP2	Freudenberg, High Power, Gen 2.
260-0M	ENERGY STORAGE SYSTEM CAPACITY	135	135 kWh total.
260-0T	ESS FIRE DETECTORS	NFI	Integrated in ALL ESS HV Battery enclosures.
260-11	MOTOR/INVERTER RADIATOR & RESERVOIR	4FA	Four 11" fan roof mounted EMP radiator with propulsion compartment mounted SST Reservoir with sight glass & low level coolant sensor.
260-12	MOTOR/INVERTER COOLING PUMP	NFI	Rotron.
260-15	ROOF FAIRING / SKIRTS ENCLOSURE	XHE	Fairing with full length skirts for XHE.

Family	Family Description	Feature	Feature Description
260-1B	BATTERY VOLTAGE EQUALIZER QUANTITY	001	One
260-1E	EMERGENCY HV BATTERY CHARGE PORT, XHE	HVF	Single receptacle mounted at curbside of high voltage fusebox.
260-1M	FUSEBOX HIGH VOLTAGE INTERLOCK SWITCH	REQ	Required.
269-01	P.A. AMPLIFIER MFR / TYPE	AVA	Included with AVA or AVL system.
269-0C	GOOSENECK MICROPHONE	REI	REI, approximately 30" long from base to end of microphone. Black neck and head.
269-0D	GOOSENECK MICROPHONE LOCATION	API	Inverted, clipped to the A-pillar. Microphone clip is 15.26" from bottom of destination sign closeout panel.
269-0E	GOOSENECK MICROPHONE SWITCH	BLT	Built into microphone.
269-0G	INTERIOR SPEAKER MFR	TCB	TCB
269-0H	PRIMARY INTERIOR SPEAKERS	006	Six: four to light panels, two above rear bench.
269-0K	EXTERIOR SPEAKERS, LOCATION	ENT	At basic location above entrance.
269-0M	EXTERIOR SPEAKER MFR	SHE	Shekonic
269-0N	EXTERIOR SPEAKERS, LOCATION, RR	001	Additional location above curbside exit door.
269-0Z	PRIMARY PA SYSTEM	GSW	Gooseneck mic with built-in switch.
269-13	EXTERIOR SPEAKER QUANTITY	ES2	Two
269-14	EXTERIOR SPEAKERS, LOCATION, REAR, MFR	SHE	Shekonic
269-1E	EXTERIOR SPEAKER COIL	1CO	Single coil
273-01	HEADLIGHTS	NFI	NFIL Xcelsior LED low beam and high beam headlights.
273-02	DAY RUN HEADLIGHTS	REQ	Required.
273-03	FRONT TURN SIGNALS	NFI	NFIL amber LED. Integrated with headlight assembly.
273-06	TAIL LIGHT ARRANGEMENT	005	Red, amber, red, white.
273-07	TAIL LIGHTS MFR	7DB	7" Dialight LED, bolted flange mounted.
273-08	CENTER STOP / DECELERATION LIGHT SIZE	BSC	18" X 1 " Dialight
273-09	WHITE BACK-UP LIGHT MFR	DLG	4" Dialight LED, grommet mounted.
273-0A	STOP LIGHTS ON WITH RTRDR/REGEN BRAKE	REQ	Required.
273-0B	STOP LIGHTS ON WITH PARK BRAKE OR INTERLOCK	NFI	When park brake or interlock are engaged.
273-0E	CENTER STOP / DECELERATION LIGHTS QTY	003	Three

Family	Family Description	Feature	Feature Description
273-0F	CENTER STOP / DECELERATION LIGHTS LOCATION	BSC	At lower edge of HVAC door.
273-0H	SIDE TURN SIGNALS,TYPE / QTY PER SIDE	4S3	4 streetside, 3 curbside amber Dialight LED Lamps, 12 volt.
273-0J	SIDE TURN SIGNAL FUNCTIONALITY	BSC	Single intensity, Dialight LED lamps.
273-0M	CURBSIDE TURN SIGNALS LOCATION	002	Lamps are aft of front and fore and aft of rear wheelhouses.
273-0N	STREETSIDE TURN SIGNALS LOCATION	004	Lamps are fore and aft of all wheelhouses.
273-0P	KNEELING/RAMP LIGHT AT ENTRANCE	NFI	2.5" Dialight LED.
273-0T	MARKER / CLEARANCE LIGHTS	001	Dialight LED without guard all around.
273-0V	REFLECTORS	NFI	Self-adhesive decals installed at NFIL basic positions.
273-0W	REAR LICENSE PLATE LIGHT	SMT	Smartrend LED.
273-10	TIMED SHUT-OFF,ENTR AREA LIGHTS	BSC	The program is set to shut the lights off when the door closes.
273-12	TIMED SHUT-OFF,EXIT AREA LIGHTS	NFI	The program is set to shut the lights off five seconds after the door closes.
273-1F	CENTER STOP / DECELERATION LIGHTS COLOR	RED	Red
273-1G	CURBSIDE CORNERING LIGHTS	004	2 total, one curbside lamp located behind front axle and one curbside lamp forward of the rear axle.
273-1J	STREETSIDE CORNERING LIGHT	002	2 total, one streetside lamp located behind front axle and one streetside lamp forward of the rear axle.
273-1R	MARKER / CLEARANCE LIGHTS FUNCTIONALITY	NFI	New Flyer standard marker/clearance light functionality to meet applicable FMVSS/CMVSS regulations.
273-23	MARKER LIGHTS LOCATION	NFI	New Flyer standard marker light locations to meet applicable FMVSS/CMVSS regulations
273-25	EXTERIOR LIGHTS	DAY	Day Run, Night Run, and Night Park modes illuminate the tail lamps, marker/clearance lamps, and license plate lamp. Mandatory for Canadian customers.
273-26	CENTER STOP/DECELERATION LIGHT FUNCTIONALITY	STP	Basic stop functionality.
273-27	CENTER STOP/DECELERATION LIGHT VOLTAGE	12V	12 Volts.
273-29	UPPER REAR LIGHTS QTY	2&2	Two and Two

Family	Family Description	Feature	Feature Description
273-30	UPPER REAR LIGHTS SIZE	001	18" X 1" strip
273-31	UPPER REAR LIGHTS COLOR	MIX	Amber and Red
273-32	UPPER REAR LIGHTS FUNCTIONALITY	T&S	Turn and stop
273-33	UPPER REAR LIGHTS LOCATION	002	At top of upper corner pillars
277-02	INTERIOR PASSENGER LIGHTING	NFI	NFIL LED lights, 24 VDC.
277-04	PASSENGER LIGHTING: OUTPUT INTENSITY	009	0% 1st bank on each side, 0% 2nd bank on each side, 50% for the remaining banks.
277-07	EXIT BASEPLATE / ELEC PNL ACCESS	NFI	At each exit door, through removable ad frame.
277-0B	TINTED LED PASSENGER LIGHT COVERS	B2W	Blue for the 1st-2nd banks of lights on each side, the rest are white.
277-0C	FAREBOX LIGHT	SMT	One fixed LED light.
277-0F	DRIVER'S LIGHT	001	One sealed 2.5" white high output Smartrend LED light.
277-0K	SDS SERVICE LIGHT	2LL	Two LED lamps, one provided at upper front and one provided at upper rear of SDS enclosure.
277-0M	SDS SERVICE LIGHT SWITCH CONTROL	BSW	With switch.
277-0N	PROPULSION COMPARTMENT LIGHTS	4FC	Smartrend, four 1.38" LED lights. For Fuel Cell only.
277-0V	REAR DECK STEP LIGHT	LED	LED.
277-0W	INTERIOR DOOR HEADER LIGHTS, ANTI-GLARE SHIELD COLOR	BLK	With black anti-glare shield.
277-0Y	INTERIOR DOOR HEADER LIGHTS/ QUANTITY (ENTRANCE)	SGL	Single strip.
277-11	INTERIOR DOOR HEADER LIGHTS/ QUANTITY (EXIT)	SGL	Single strip.
277-13	EXIT AND ENTR MECH BOX SERVICE LIGHTS	SMT	Smartrend LED with switch, at basic locations.
277-14	EXIT AND ENTR MECH BOX SERVICE LIGHTS QUANTITY	ONE	1 at entrance, 1 at each exit door.
277-18	SIDE CONSOLE COMPT SERVICE LIGHT	LED	Smartrend LED light.
277-19	SIDE CONSOLE COMPT SERVICE LIGHT WITH SWITCH	BSC	Switch mounted with lamp assembly.
277-1A	REAR PLC AND FUSEBOX SERVICE LIGHTS	NFI	Provided, LED.

Family	Family Description	Feature	Feature Description
277-29	SIDE CONSOLE COMPT SERVICE LIGHT MOUNTING LOCATION	FRT	Front Structure
277-2D	INTERIOR LED LIGHT FUNCTIONALITY	001	All banks are dimmable. When doors are open, lights turn on to full intensity. When doors are closed, lights reduce to secondary output intensity.
280-01	PASSENGER SIGNAL CHIMES	2DE	Two electronic chimes, one above driver and one at rear exit. Chimes have a single tone which sounds once for regular activation, twice for wheelchair positions.
280-03	PASSENGER SIGNAL PULLCORDS	YLW	Yellow cords are required.
280-07	HORIZONTAL PASSENGER SIGNAL PULLCORDS	NFI	Set at NFIL designated basic height. All decks.
280-09	LWR DECK VERT PULLCORDS	002	Two: at the first street and curbside pillars forward of the face of the upper deck.
280-0D	SECUREMENT OF VERTICAL PULLCORDS	BSC	Looped or clamped to the horizontal depending on the location.
280-0T	PASSENGER SIGNAL TYPE AT WHEELCHAIR POSITIONS	PSH	Push button mounted to flip-up seat grab rail.
280-0U	PUSH BUTTON SIGNAL AT WHEELCHAIR POSITIONS	001	Push button only one on curbside wheel chair position and one on street side wheel chair position which is mounted to the under flip-up seat grabrail.
280-0V	PUSH BUTTON SIGNAL AT EXIT	010	Mounted facing aisle on center stanchion (ref. wide exit), low profile non-recessed button.
280-0W	PUSH BUTTONS,VERT AND SEAT STANCHIONS	VSF	Required on vertical stanchions, located C/S & S/S wheelchair barriers
280-19	PUSH BUTTON SIGNAL TYPE	NRQ	Not required.
284-01	ELECTRONIC CONTROL SYSTEM	NFI	Vansco.
284-02	SYSTEM VOLTAGE	NFI	24 VDC primary, 12 VDC secondary.
284-03	SWITCHES	NFI	Water resistant.
284-04	SPARE INPUT/OUTPUT PORTS FOR MULTIPLEX SYSTEM MODULES	NFI	Minimum 10% input and 10% output, per electrical panel location.
284-05	SIDE CONSOLE LIGHTING	LED	LED lamps.
284-06	HAZARD WARNING LIGHTS	NFI	Front, side and rear lights flash for hazard warning.
284-0B	SDS ELECTRICAL PANEL ORIENTATION	FSS	Facing streetside.
284-0D	SDS ELECTRICAL PANEL LOCATION	BSR	Mounted on backside of SDS rack.
284-0F	ENTRANCE DOOR CONTROLLER	B5P	Basic with 5 position settings.

Family	Family Description	Feature	Feature Description
284-0N	PROPULSION SYSTEM RESET SWITCH	NRQ	Not required.
286-01	INSTRUMENT PANEL	TCH	LCD touch display screen. Acrylic material with luminescent lighting, with Vansco Instrument Panel Cluster module.
286-02	SHIFT SELECTOR LOCATION	NFI	located on instrument panel.
286-03	EXTERIOR LAMP TEST	NFI	simultaneously depress both turn signals.
286-04	SPEEDOMETER	VMI	Part of Vansco instrument panel cluster. Set to display miles. With odometer (the display can be toggled to show Trip1, Trip 2, engine hours). Remove "engine hours" on battery buses.
286-05	AUDIBLE SOUND FOR TURN SIGNALS/HAZARDS	BSC	Using click sound for turn signal and for hazard warning.
286-0C	REGENERATIVE BRAKE DISABLE SWITCH LOCATION	DES	Inside destination sign compartment.
286-0D	SILENT ALARM	REQ	Required.
286-0F	SILENT ALARM SW LOCATION	SCA	At side console.
286-0P	DIAGNOSTICS PLUG LOCATIONS	012	Two diagnostic plugs under the front dash (left side of the steering column), at forward face of the SDS barrier (above driver), rear of the SDS rack, and on rear panel.
286-1R	DRIVER'S USB PLUG	SDS	Required in the SDS box.
286-20	FUEL CELL FREEZE PROTECTION SWITCH/LOCATION	DOP	Switch at driver's overhead controls panel.
289-01	SECUREMENT OF HARNESSSES	BSC	Hellerman tyton clamps, with Panduit releasable cable ties.
296-01	WIRING DECAL,REAR PLC AND FUSEBOX	NFI	Provided, laminated.
296-02	WIRING DECAL,SIDE CONSOLE	LSD	Laminated, installed on the inside of the SDS box door.
296-07	SIDE CONSOLE DOOR DECAL LANGUAGE	ENG	English
298-01	WATER TEST DURATION	010	10 minutes.
304-01	EXTERIOR PAINT TYPE	NFI	Axalta Imron Elite high solids polyurethane.
304-06	HIGH VOLTAGE SAFETY DECALS	REQ	Required.
304-07	CORROSION PROTECTION	18Y	Grit blasted frame, moisture cure zinc-rich primer (applied for 18 year protection), anti-chip undercoating, corrosion preventive coating sprayed inside frame tubes up to roof line.

Family	Family Description	Feature	Feature Description
304-0A	EXT DECALS,CUSTOMER SPECIFIC	REQ	Required. Customer to provide the Engineering paint group with specific requirements.
304-0D	INTERIOR DECALS, CUSTOMER SPECIFIC	REQ	Required.
304-0E	PASSENGER COMPARTMENT DECAL LANGUAGE	ESC	English / Spanish / Simplified Chinese. Passenger compartment decals are the decals within the area of the coach designed for the seating of passengers and that are intended primarily for passenger viewing.
304-0F	INTERIOR FLEET NUMBER DECALS	REQ	Required.
304-0G	MAINTENANCE DECAL LANGUAGE	ENG	English. Maintenance decals are the decals that will be referenced primarily when performing maintenance on the coach.
304-0H	KNEELING / RAMP DECALS	BSC	NFIL basic ramp & kneeling decal (red on white) and an arrow decal (red and black) provided near the kneeling / ramp deployment lights.
304-0J	AIR TANK DECALS	NFI	NFIL basic.
304-0M	EXT FLEET NUMBERS, NON-ROOF	RFL	Required (reflective).
304-0Z	INTERIOR LOGOS, NFI	REQ	NFI logos at standard location.
306-02	FIRE EXTINGUISHERS	5US	5 lb ABC class. With gauge, hose and mounting bracket. UL compliant for US customers.
306-03	FIRE EXTINGUISHER LOCATION	003	Mounted vertically on the aisle side of the upper forward face of the driver's barrier.
350-01	DRIVER'S PEDALS, POSITION / TYPE	T02542	(T), Pedals not adjustable fore/aft. Brake pedal angle set at 45 degrees from pedal to floor. Throttle pedal angle set at 45 degrees from pedal to floor. Includes provisions for adjustable pedal assembly.
350-04	BRAKE VALVES	NFI	E6.
350-07	TURN SIGNAL SWITCHES	BSC	Basic switches, floor mounted.
350-08	DIMMER SWITCH	BSC	Foot switch located beside side console panel.
350-0D	HAZARD WARNING LIGHT SW LOCATION	BTN	On side console with additional foot switch located between the turn signal switches.
350-0G	STEERING COLUMN	DAT	Douglas Autotech with tilt and telescopic features.
350-0H	STEERING WHEEL	20C	3 spoke, 20" diameter hard padded.
350-0M	DUAL HORN	BSC	Provided with splash shield.
350-0N	TURN SIGNAL BRACKET MATERIAL/FINISH	NRQ	Not required.
400-01	JACKING / LIFTING PADS	001	4" diameter round pads at front and rear chassis.
420-02	EXTERIOR SIDE PANELS	NFI	Fiberglass.
420-03	REAR RF MOUNTED AIR SCOOP	SSP	Stainless Steel, painted per paint scheme.

Family	Family Description	Feature	Feature Description
420-04	STREETSIDE PROPULSION COMPT DOOR	WVY	With wavy screen.
420-05	CURB & STREET ENG,S/CONS DOORS,STRUTS	BSC	Supported by gas struts.
420-06	CURB & STREET ENG COMPT, BATTERY DOORS,LATCHES	CRM	Quarter turn chrome plated 5/16" square key latches. Also, used for the separate battery access door.
420-07	CURBSIDE PROPULSION COMPARTMENT DOOR	HE2	Solid door which includes battery disconnect switch access door (using gas strut). Also includes hydrogen fuel fill access door with quarter turn square keylocks.
420-09	DEFROSTER ACCESS DOOR LATCHES	CRM	4 quarter turn chrome plated 5/16" square key latches.
420-0B	BATTERY COMPARTMENT DOOR	SOL	Solid door located aft of the curb side rear wheel, separate from the engine compartment.
420-0F	SIDE CONSOLE DOOR LATCHES	CHR	Quarter turn chrome plated 5/16" square key quad latches.
420-0G	PROPULSION DOOR	SOL	Solid door with built-in handle.
420-0H	PROPULSION DOOR STRUTS	TWO	Two, the streetside strut has a locking mechanism.
420-0J	PROPULSION DOOR LATCHES	CHR	Quarter turn chrome plated 5/16" square key quad latches.
420-0M	REAR LICENSE PLATE RETENTION	002	Centered with bottom retainer and two upper inserts.
420-0P	RAIN GUTTER	NFI	0.44" cross section bonded. drain holes and plugs
420-0R	ROOF HATCH INSTRUCTION LANGUAGE	ESM	English / Spanish / Simplified Chinese.
420-0T	ROOF HATCH SIZE,FRONT	X24	24" X 24"
420-0U	ROOF HATCH TYPE,FRONT	BSC	Basic hatch/vent.
420-0V	ROOF HATCH VENDOR,FRONT	TRA	Transpec Worldwide.
420-15	ROOF HATCH SIZE,REAR	X36	24" X 36"
420-16	ROOF HATCH TYPE,REAR	SKY	Skylight.
420-17	ROOF HATCH VENDOR,REAR	SPH	Spheros Parabus.
420-18	RR ROOF HATCH (SKYLIGHT) FILM,TINT	18P	18 % Light Transmittance.
420-1B	WIPERS	SMT	Comotech motors 24 volt electric with Smartrend wet arm wipers. Intermittent.
420-1E	WINDSHIELD WASHER BOTTLE	5US	5 US gallon with electric powered pump mounted using 4 weld nuts.
420-1F	WINDSHIELD WASHER FILL LOCATION	NFI	Accessed via a flip-out door built into the exterior side console access door.
420-1G	LOWER DRIVER'S VENT	REQ	Provided.

Family	Family Description	Feature	Feature Description
420-1H	FENDERS	MOL	Molded polyurethane.
420-1K	S1 WHEEL GUARDS	CFR	Required on curbside forward of rear axle.
420-1M	EXTERIOR UPPER REAR	PLO	Partially louvered style fiberglass door for rear HVAC.
420-1N	EXT UPPER REAR DOOR STRUTS	2CL	Two, curbside has locking mechanism.
420-1P	EXT UPPER REAR DOOR,LATCHES	CHR	Quarter turn chrome plate 5/16" square key latches.
420-1T	FRONT LICENSE PLATE LOCATION	CEN	On center of defroster door.
420-1U	FRONT LICENSE PLATE RETENTION	BOT	Bottom retainer, top inserts.
420-24	WIPERS, MOTOR ARM LENGTH	A01	34" long arm.
420-25	WIPERS, WIPER BLADE LENGTH	W01	26" long blade.
420-26	WIPERS, SPRAY STREAMS PER ARM	S02	2 streams per arm.
420-2A	CABIN COOLANT FILL DOOR	BSC	Basic hinged door.
420-2B	DRIP EDGE FOR REAR CROWN PANEL/HVAC DOOR	REQ	Drip Edge along the bottom edge of the Rear Crown Panel/HVAC door to divert water entering the engine/propulsion compartment.
420-2D	UPPER CORNER PILLAR DOOR LATCHES	BSC	Quarter turn chrome plate 5/16" square key latches.
421-01	INSULATION,SIDEWALL AND ROOF	POL	Polyisocyanurate foam. meets Docket 90 spec.
421-03	INSULATION, PROPULSION COMPARTMENT	ACO	Noise reduction acoustical foam, retained by perforated aluminum panels.
422-02	CEILING PNLS AFT OF FRT W/HS INCL RR PLC	WHT	Antique white plastic, SST trim.
422-03	CEILING / HVAC COVER PANELS ABOVE FRT W/HS	WHT	Antique White fiberglass.
422-04	HVAC RTN AIR GRILLE DOOR LOCK	NRQ	Not required.
422-05	ENTRANCE / DRIVER'S AREA PANELS COLOUR	BLK	Black. Includes dash, dest sign c/out, ent. mech. box, driver's o/head panels. and if used, ent. floor heat duct, frt. RH harness cover is black powder coated alum.
422-06	DRIVER'S CEILING PANEL MATERIAL	MEL	Melamine.
422-07	INTERIOR PIER PANEL MATERIAL	THE	Thermoplastic.
422-08	PIER PANEL COLOUR	WHT	Antique white

Family	Family Description	Feature	Feature Description
422-0A	INTERIOR LWR SIDEWALL MATERIAL	MEL	Melamine
422-0C	INTERIOR SIDEWALL MELAMINE	CHA	Charcoal Grey Gloss
422-0D	INTERIOR PROPULSION COMPT ACCESS PANEL	HIN	A single hinged panel under the rear seat
422-0E	INTERIOR UPPER REAR PANEL	CRG	Bulkhead panel covered with carpet / fabric material. With return air grille for RR mount HVAC system.
422-0F	CARPET / FABRIC,UPR REAR INT PANEL	BLK	Black Axis with 1/2" plywood backing.
422-0H	TRIM,CARPET/MELAMINE UPR RR INT PANEL	STE	Painted steel to match panel.
422-0K	C/S,S/S RR BULKHEAD ACCESS PANELS	CPT	Carpeted DB plywood.
422-0M	HRNS/AIR LINE COVERS AT UPPER DECK	PFB	Painted flat black.
422-0N	FRT DEST SIGN DOOR LATCHES	SQL	Short wing quad latches.
422-0P	DRIVER'S OVERHEAD PANEL	NFI	With locker.
422-0R	DRIVER'S LOCKER LATCH	SQL	Short wing quad latch.
422-0T	DRIVER'S COAT HOOK AND STRAP	FWD	Located on the forward face of the harness cover behind the driver.
422-0U	SECURE DIAGNOSTIC STATION	004	Above street side front wheelhouse. Incorporates driver's barrier. With fiberglass, flat panel, instead of Take One pockets.
422-0V	SDS ENCLOSURE COLOUR	BLK	Flat Black.
422-0W	SDS ENCLOSURE DOOR LATCHES	011	Two 5/16" sq key quad latch, paddle latch (CH751 key) in center.
422-13	FRONT SUNVISOR / ROLLERBLINDS	G01	Grey rollerblind. Scissor type with 20" travel.
422-14	SIDE SUNVISOR/ROLLERBLIND	G01	Grey rollerblind. Scissor type with 20" travel. 38" width.
422-15	SQUARE KEY T-HANDLE	SL2	Shipped loose T Handle and Clip.
422-16	ENTRANCE MECHANISM BOX DOOR LATCH	2SW	Two short wing quad latches.
422-18	GRAB HANDLE NEAR FRONT ROOF HATCH	REQ	Required.
422-19	FLOOR HEAT DUCT MATERIAL	LEA	Leathergrain textured SST.
422-1B	C/S,S/S REAR BULKHEAD ACCESS PANELS, OPENING METHOD	REM	Removable access panels.

Family	Family Description	Feature	Feature Description
422-1R	FRONT DASH, ACCESS PANEL LATCH	BSC	Quarter turn, black powder coated 5/16" square key quad latches.
422-1W	INTERIOR UPPER REAR PANEL, TRIM OPTIONS	FLT	Flat Trim Design
422-21	INTERIOR UPPER REAR PANEL, OPENING METHOD	HGS	Hinged at top, held open with gas struts.
422-22	INTERIOR UPPER REAR PANEL, LATCHES	001	5/16" square key quad latch.
422-23	REAR PLC ENCLOSURE, LATCHES	001	5/16" square key quad latch.
423-0A	AD FRAME, SDS ENCLOSURE, VENDOR	CUS	Customer supplied.
423-0C	AD FRAME, SDS ENCLOSURE, REAR	S17	One 19.5" x 25.5" powered ad display.
450-02	FLOORING	SPA	Lower deck uses SpaceAge composite flooring. Upper deck uses fiberglass composite for step and floor to the rear wheelhouses and SpaceAge composite flooring to the rear.
450-03	DRIVESHAFT / TRANSMISSION / DRIVE MOTOR ACCESS PANELS	3CC	Three panels set in the floor to access the driveshaft, transmission/drive motor and on the composite step to access air compressor.
450-06	ALTRO FLOOR COVERING	009	Storm TFM 27903 (2.7 mm / 0.11" thick), for aisle and underseats.
450-0A	STEP TO UPPER DECK	YLW	Yellow anti-slip coating is applied to the edges and vertical faces of the step.
450-0B	FRONT AXLE STANDEE LINE	WHI	One white flooring safety line provided fore of the hump at the front axle.
450-0C	ENTRANCE NOSING	B01	Nosing is 2" wide yellow anti-skid applied to the ramp.
450-0D	EXIT NOSING	ALT	2.5" yellow nosing for Altro / Tarabus flooring.
450-0F	REAR SEAT RISER COVERING MATERIAL	B01	Same material and colour as used for the flooring.
450-0J	DRIVER'S PLATFORM FLOORING	A09	Altro, Storm TFM 27903 (2.7 mm / 0.11" thick)
450-0K	DRIVER'S PLATFORM TRIM	SST	SST.
450-0M	OUTER WHEELHOUSES	B01	SST front and rear.
450-0N	INTERIOR FRONT W/HOUSE (LUGG RACK) COLOURS	BFM	Black FMJ. An LED aisle light is provided on the streetside. Also, SST scuff guards are provided.
450-0T	TRIM UPPER DECK	ALU	Aluminum.
450-13	INTERIOR FRONT W/HOUSE (LUGG RACK), SCUFF GUARDS	BSC	Standard height scuff guard

Family	Family Description	Feature	Feature Description
450-14	EXIT DOOR, WHEELHOUSE AND UPPER DECK TRIM, MATERIAL	ALU	Aluminum Trim
460-01	WINDSHIELDS	72B	72% light transmittance green laminated. With blue shade band for street and curb sides.
460-02	WINDSHIELD PROTECTIVE FILM	REQ	Required for coach delivery beyond a 500 mile radius of Final Assembly.
460-04	PASS / DRVR'S WINDOWS MANUFACTURER	AGF	Arow Global flush mounted.
460-05	FLUSH PASSENGER WINDOWS	FIX	Fixed, non-opening.
460-07	SDS WINDOW	FFG	Full fixed picture window supported by gas strut. Glazing matches passenger window, fully masked on interior side.
460-08	FLUSH WINDOW GLAZING	F05	Grey, 13% light transmittance, tempered.
460-0C	WINDOW FRAME COLOUR	BLK	All window frames are black anodized.
460-0D	WINDOW EMERGENCY EGRESS	NFI	Minimum quantity based on FMVSS requirements, local, state/provincial, federal regulations or customer spec whichever is greater.
460-0E	SIDE DESTINATION SIGN WINDOWS	CSN	Curb side. Fixed clear top and fixed bottom. Bottom matches passenger window glazing. (review 470 for side sign details).
460-0G	WINDOW GLAZING REPLACEMENT	BSC	Basic replacement.
460-0J	PASS WINDOW THICKNESS	5MM	5 mm.
460-0K	DRIVER'S WINDOW, FLUSH	DHN	With dual sliding sashes, exterior and interior handles (handle style). Non-egress.
460-0P	DRIVER'S WINDOW GLAZING	TEM	Tempered with minimum 70% light transmittance.
470-01	DESTINATION SIGNS MFR	TVS	Twin Vision Smart Series, LED display system.
470-02	DEST SIGN CONTROL UNIT LOCATION	OVR	Under driver's overhead panel at forward position of sawtooth panel.
470-05	TWIN VISION FRT.DEST.SIGNS	A01	Smart Series 3, sterling LED silver, 16 x 160.
470-07	FRONT DESTINATION SIGN GLASS	LAM	Laminated.
470-0A	CURB SIDE DESTINATION SIGN LOCATION	2WI	At the second window, aft of the entrance door.
470-0C	TWIN VISION CURBSIDE DEST.SIGNS	A02	Smart Series 3, Sterling LED, silver, 14 x 112 (42.25" wide display).
470-0H	REAR ROUTE SIGN, LOCATION	UCS	At the upper curb side.

Family	Family Description	Feature	Feature Description
470-0K	TWIN VISION REAR ROUTE SIGNS	A03	Smart Series 3, LED, white (silver) 16 X 48.
470-0P	AVA / AVL SYSTEM	INT	INIT system
470-10	AVA/AVL LED SIGN LOCATION	REQ	Required on the HVAC overhead enclosure at front.
470-11	AUTO VEHICLE MONITORING SYSTEM (AVM)	FMA	Fuel Master
470-13	AVM, FUEL MANAGEMENT LOCATION	T03288	Module located at curbside destination sign, powered by 24V battery.
470-16	NEW FLYER CONNECT-DIAGNOSTIC & MONITORING SYSTEM	WOD	Required without driver maneuver awareness system (DMAS).
470-1P	AVA/AVL LED SIGN	003	Init PIDMOBILE3 LED Display sign, 8x96 pixel, 16 characters. Supplied by Init. Cutout Size 28.97" X 2.56".
470-20	NF CONNECT SUBSCRIPTION TERM	002	2 years.
470-22	GEOFENCE REQUIREMENT	NRQ	Not required
480-02	EXTERIOR MIRROR MANUFACTURER	HAD	Safe Fleet
480-03	EXTERIOR SS MIRROR GLASS STYLE	2PC	2/1 (upper portion is flat, lower portion is convex).
480-04	EXTERIOR SS MIRROR GLASS SIZE	815	8" x 15"
480-05	EXTERIOR SS MIRROR HEATING REQUIREMENTS	REQ	Heated.
480-06	EXTERIOR SS MIRROR POWER OPTIONS	DUR	Dual remote control. (The upper and lower portions are remote controlled.)
480-08	EXTERIOR SS MIRROR ARM FUNCTIONALITY	CFR	Cast friction. Mirror arm is a friction fit, which is a pre-defined by NF.
480-09	STREET SIDE MIRROR MOUNT	LOW	Low mount.
480-0E	EXTERIOR CS MIRROR GLASS STYLE	2PC	2/1 (upper portion is flat, lower portion is convex).
480-0F	EXTERIOR CS MIRROR GLASS SIZE	913	9" x 13"
480-0G	EXTERIOR CS MIRROR HEATING REQUIREMENTS	REQ	Heated.
480-0H	CURB SIDE MIRROR POWER OPTIONS	DUR	Dual remote control. (The upper and lower portions are remote controlled.)
480-0K	EXTERIOR CS MIRROR ARM FUNCTIONALITY	C05	Cast detent pre-set to a 5 degree angle.
480-0V	STREET /CURB SIDE MIRROR W/TURN SIGNAL	BMH	LED, mounted at back of mirror head.

Family	Family Description	Feature	Feature Description
480-11	STREET / CURB SIDE HEATED MIRROR ACTIVATION	DEF	Heat for mirrors turned on when the defroster is turned on.
480-13	DRIVER'S REAR VIEW MIRROR	BFL	8" x 15", black, flat.
480-14	SPOT MIRROR	6DF	6" diameter flat mirror with short arm, located at curbside front.
480-15	EXIT DOOR MIRROR	12C	Convex, 12" diameter, mounted on curved modesty panel stanchion.
480-26	STREET/ CURB SIDE MIRROR ARM MATERIAL	CAL	Cast aluminium.
490-01	ENTRANCE DOOR DRIVE SYS	ELC	Electric
490-02	ENTRANCE DOOR	VAP	Vapor slide glide.
490-03	ENTRANCE DOOR LIMIT SWITCH SET-UP	PRX	Solid state proximity switch.
490-04	ENTRANCE EMERGENCY RELEASE VALVE	PVD	Within mech box.
490-05	ENTRANCE DOOR MAGNETIC DUMP VALVE	REQ	required, located at baseplate venting entrance door
490-07	ENTR/EXIT FRANG.COVER,LANGUAGE	FSM	English, Spanish, Simplified Chinese.
490-09	ENTRANCE DOOR COLOUR, INTERIOR	BLK	Black
490-0B	ENTRANCE DOOR HANDLES	YLW	Yellow powder coated.
490-0K	ENTRANCE DOOR GLAZING	BSC	Full length single piece, 72% green.
490-0V	ENTR/EXIT FRANG.COVER	PER	Perforated cover.
490-0W	ENT AND EXIT DOORS, INTERIOR AND EXTERIOR PANEL COLOR	BLK	Black Powder Coat
491-01	EXIT DOOR DRIVE SYS	ELE	Electric with pneumatic emergency release.
491-02	EXIT DOOR	WID	One curbside rear exit door. Wide Ameriview Vapor Slide Glide, 45.2" between panels.
491-03	SLIDE GLIDE EXIT LIMIT SWITCH	PRX	Solid state proximity switch.
491-04	EXIT DOOR CONTROL	CLA	Vapor Class Acoustic Sensing System. Activates door opening and detects obstruction on closing.
491-05	CLASS SYSTEM INSTRUCTION DECAL	ESM	English, Spanish, and Simplified Chinese, text and characters as per customer requirement.
491-0D	EXIT DOOR SENSITIVE EDGE	SVE	Pneumatic sensitive vertical edge sensor provided at all exit doors.
491-0H	EXIT FRANGIBLE COVER SECUREMENT	MAG	Magnetic latch.

Family	Family Description	Feature	Feature Description
491-0M	EXIT DOOR ASSIST HANDLES	004	Yellow powdercoated, UPA-3 Aluminum
491-0P	EXIT DOOR GREEN LIGHT	LED	LED green light indicates that the exit door is set to open.
491-0T	EXIT DOOR ALARM	B01	Buzzer and red 'rear door open' indicator at the instrument panel activated when the sensitive edge is triggered.
491-0U	EXIT DOOR GLASS SIZE	FUL	Full length.
491-0V	EXIT DOOR GLAZING	T02785	(T),6 mm, Green, 9% light transmittance, tempered.
491-12	EXIT DOOR GREEN LIGHT MOUNTING ORIENTATION	HOR	Exit door green light mounted horizontally on baseplate
526-01	40' PASSENGER SEAT QUANTITY	039	39
526-04	PASSENGER SEAT MANUFACTURER	USS	STER Seating
526-05	STER PASSENGER SEAT MODEL	GEM	Gemini seats.
526-09	REAR BENCH SEAT	NFI	1-3-1 hinged seat.
526-0A	PASSENGER SEAT MOUNTING	CAN	Cantilever
526-0B	SEAT MOUNTED GRABRAIL	THE	Thermoplastic
526-0C	FIRST SEAT, CURBSIDE UPPER REAR	FFA	Forward facing.
526-0D	FIRST SEAT, STREETSIDE UPPER REAR	FFA	Forward facing.
526-0F	PASSENGER SEATING BARRIER	INT	Integrated with restraint system.
526-0G	SEAT POSITION,FORWARD OF REAR EXIT	FFA	Forward facing.
526-0U	RECARO DRIVER'S SEAT MODEL	B01	Ergo AM80
526-0W	DRIVER'S SEAT COVER	VNL	All vinyl.
526-0Y	DRIVER'S SEAT BELT	LHS	Lap belt with retractor on left hand side.
526-10	DRIVER'S SEAT BELT COLOR	BLK	Black
526-14	DRIVER'S SEAT BASE RISER MATERIAL	BLK	Black powdercoated steel.
526-18	WHEELCHAIR POSITIONS,QUANTITY	B01	Two. At basic locations, one aft of the curbside and one aft of the streetside front wheelhouses.
526-19	CS WHEELCHAIR RESTRAINT SYSTEM	QPD	Q'POD forward facing barrier with integrated wheelchair restraint.
526-1A	SS WHEELCHAIR RESTRAINT SYSTEM	QPD	Q'POD forward facing barrier with integrated wheelchair restraint

Family	Family Description	Feature	Feature Description
526-1D	SHOULDER HARNESS, W/CHR RESTRAINTS	INT	Integrated with Q-Pod restraint system.
526-1F	STANCHION / GRABRAIL STYLE	CUR	Curved style vertical stanchions. Using cast SST fittings for vertical and horizontal stanchions.
526-1G	OVERHEAD HORIZONTAL GRABRAILS	SST	SST
526-1H	OVERHEAD GRABRAIL HANDHOLD STRAPS	GRY	Flexible grey PVC straps, secured to horizontal stanchions, locations as per customer spec.
526-1J	OVERHEAD GRABRAIL HANDHOLD STRAPS, QUANTITY	008	Eight
526-1K	COLOR - STANCHIONS AT EXITS & RR RISER STEP	YLW	Yellow SST
526-1M	VERT FORE OF S/S FRT W/HOUSE	BLK	Black SST
526-1N	VERT AFT OF S/S FRT W/HOUSE	T03467	Black SST.
526-1P	VERT FORE OF C/S FRT W/HOUSE	BLK	Black SST
526-1R	VERT AFT OF C/S FRT W/HOUSE	SEA	To match colour of vertical seat stanchions (see option 526-1T).
526-1T	COLOR - VERTICAL STANCHIONS AT SEATS	SST	SST
526-1U	CENTERED STANCHION FOR WIDE EXITS	YLW	Yellow SST.
526-1W	GRABRAILS AT WHEELCHAIR POSITIONS	SST	SST, under flip-up seats (type and locations as per customer spec).
526-22	FRONT CURBSIDE LUGGAGE RACK	001	Horizontal tube wrapping around fore, aisle, and aft sides
526-23	FAREBOX GRABRAIL STYLE	001	Basic grab rail.
526-25	MODESTY PANEL MATERIAL	MEL	Melamine.
526-26	MODESTY PANEL MELAMINE COLOR	CGG	Charcoal Grey Gloss.
526-27	C/SIDE FORE UPR DECK MOD PNL, GAP	NFI	Approximately 2" diagonally.
526-29	BARRIER AT STREET SIDE REAR RISER	MOD	Modesty panel (material and color per 526-25/526-26).
526-2M	BARRIER FWD OF EXIT(S)	UPB	Upper panel, 0.5" clear polycarbonate, basic width.
526-2T	EMERGENCY INSTRUCTIONS	ESM	English / Spanish / Simplified Chinese.
526-32	DRIVER'S SEAT, FORE/AFT SEAT TRAVEL	FA4	The fore / aft seat travel is 11".

Family	Family Description	Feature	Feature Description
526-37	FRONT CURBSIDE LUGGAGE RACK COLOR	BLK	Black
526-3B	FAREBOX GRABRAIL COLOR	BLK	Black
526-3V	SEAT FWD OF REAR BENCH SEAT	FWD	Forward facing.
549-01	HVAC UNIT 1	TK9	Thermo King TE15 rear A/C unit.
549-04	HVAC UNIT MOTOR TYPE	NFI	Brushless motor for primary heating & cooling system.
549-05	REFRIGERANT	407	R-407C freon.
549-06	HVAC AIR INTAKE	AIR	Recirculated air only.
549-07	HVAC RETURN AIR FILTER	M10	TK Dacron MERV 10 (disposable) 1" filter.
549-0A	HVAC PULLDOWN SPEC	PD2	Will meet the APTA 115F TO 95F Pull Down, 20 minute time limit test requirements and any less stringent test requirement inside the temperature range. (ex. 110F to 95F in 20 minutes or 115F to 95F in 30 minutes).
549-0C	HVAC SYSTEM VALVES	BVB	Brass ball valves with basic handles.
549-0D	A/C AND HEATER LINE CLAMPS	IDE	Ideal.
549-0E	A/C COMPRESSOR	TND	Electric driven compressors integrated into the main HVAC unit.
549-0J	HVAC ELECTRONICS	TK1	Thermo King Intelligaire 3, valid for A/C or heater units. With limited diagnostic capabilities.
549-0K	HVAC CONTROL PANELS	TKD	Thermo King, installed in sawtooth panel above driver.
549-0N	A/C PRESSURE READINGS	TK1	Obtained via the Thermo King Intelligaire 3 control panel.
549-0Y	HVAC BOOSTER FAN	MCC	BCC overhead fan with brushless motor.
549-15	HVAC FAN SPEED SWITCH	REQ	Required at the side console.
549-16	BOOSTER PUMP	ROT	Rotron
549-1A	DEFROSTER	008	Grayson 3 speed brushless blower, electrically controlled damper, with SST box.
549-1E	AUXILIARY/CABIN HEATER	EV1	Valeo Thermo DC 200 (20 kw) @ 690V electric heater.
549-20	FRONT CURB SIDE FLOOR HEATER SYSTEM	GRY	Grayson Thermal Systems unit, with brushless motor. The casing is SST with brushed finish. (note: exact position may be dependant on seating layout.)
549-22	FRONT STREET SIDE FLOOR HEATER SYSTEM	GRY	Grayson Thermal Systems unit, with brushless motor. The casing is SST with brushed finish. (note: exact position may be dependant on seating layout.)
580-01	FRONT WHEELCHAIR RAMP	SMP	NFIL electric SmartRider Ramp at front door. 32" wide, with constant slope boarding and 1:6 slope capability.
580-02	FRONT RAMP CONTROL	SWI	Ramp switch at driver's instrument panel.
580-08	WHEELCHAIR RAMP,SURFACE	FMJ	Covered with Full Metal Jacket anti-skid treatment. The leading edge is yellow FMJ, the side flanges are painted yellow.

Family	Family Description	Feature	Feature Description
580-0G	KNEELING/RAMP DEPLOYMENT WARNING BEEPER	MED	IP68-rated beeper, medium loud fast beep.
580-0H	FRONT KNEELING/RAMP DEPLOYMENT WARNING BEEPER LOCATION	BSC	Curbside under front mask.
600-05	BACK-UP ALARM	BSC	Basic alarm located on curbside.
600-0C	INTERIOR FAN(S),MANUFACTURER	12V	Bergstrom, 12 volt.
600-0D	INTERIOR FAN(S) FAN COLOR	BLK	Black
600-0E	DASH FANS,QTY AND LOCATION	008	One fan, 3.5" right of center.
600-0G	FAN UNDER FRT DEST SIGN COMPT	LCL	At approx. 41.25" to the left of center.
600-0J	SDS TRAY QUANTITY	003	Three trays total.
600-0M	FAREBOX PEDESTAL	BSC	Stainless Steel Material. Length = 26.56"; Front fore length = 12.36"; Width = 13.96"; Height = 6"
600-0N	FAREBOX	GF8	Genfare Transview 150
600-0P	FAREBOX,SUPPLIED BY	002	Supplied and installed by customer.
600-0R	FAREBOX POSITION / HOLES	NFI	Located in NFIL preferred position whether installed by NFIL or by customer.
600-1B	NAME PLATE HOLDER	REQ	Required.
600-1F	DRIVER'S STORAGE BOX BEHIND SEAT	PDL	Basic box with paddle latch, no key.
600-1M	TAKE ONES,CURBSIDE LUGG.RK.	T02215	(T),Schedule holder, mounted on curbside front wheelhouse. Customer supplied.
600-22	DRIVER'S TICKET BOX/TRANSFER CARD HOLDER	CUS	Required, details and location as per customer spec. Customer supplied.
600-23	COFFEE CUP HOLDER/TRAY	CH5	Customer supplied.
600-24	TRASH CONTAINERS	001	Require with mounting hardware only and or shipped loose.
600-26	RADIO,COMMUNICATION SYSTEM	AVA	Included in the AVA/AVL system.
600-29	TRAFFIC SIGNAL CONTROL SYSTEM	G02	Model 2101 computer connected to GPS based system required.
600-2G	VIDEO SURVEILLANCE SYSTEM	CIE	Interior and exterior cameras.
600-2H	VIDEO SURVEILLANCE SYSTEM,MFR	SEO	Safe Fleet (Seon system)
600-3V	BICYCLE RACK MANUFACTURER/MODEL	A2F	Sportworks,APEX2, front mounted.

Family	Family Description	Feature	Feature Description
600-3W	BICYCLE RACK MOUNTING	QUI	TSB (ten second bracket) quick release slide-in standoff with incorporated pivot.
600-3Y	BICYCLE RACK REMOVAL	BOL	Bolted rack.
600-3Z	BICYCLE RACK MATL/COLOR	SAT	SST, satin anti glare finish.
600-42	BICYCLE RACK INSTRUCTIONS	ESM	English / Spanish / Simplified Chinese
600-43	HYDROGEN DETECTION	AMS	Amerex Safety Net System.
600-47	HYDROGEN DETECTOR LOCATIONS	AMS	Two detectors on the roof, one in the propulsion compartment, one in the A/C compartment and one in the passenger compartment.
600-4Y	PASSENGER USB CHARGERS	REQ	Required.
600-4Z	PASSENGER USB CHARGER LOCATION	SEA	Incorporated (where available) into seats.
600-54	A-PILLAR CAMERA & MONITOR	SFL	Safe Fleet camera and monitor located on driver's A-Pillar. Camera is mounted externally, and monitor is mounted on the interior of the A-Pillar.
600-5A	AUTOMATIC PASSENGER COUNTER SYSTEM	FUL	Full system.
600-5B	AUTOMATIC PASSENGER COUNTER VENDOR	IR1	IRIS/IRMA (stand-alone system)
600-5K	AUTOMATIC PASSENGER COUNTER (APC) EXIT DOOR BASEPLATE SENSOR, QTY	ONE	One
600-5M	IRIS/IRMA AUTOMATIC PASSENGER COUNTER (APC) MODEL	IRM	Matrix
600-64	NAME PLATE HOLDER MANUFACTURER	T02219	(T),Customer supplied.
600-65	NAME PLATE HOLDER LOCATION	C02	Left of center of the destination sign door.
600-67	REGISTR/MAINT HOLDER LOCATION	007	Mounted on street side of SDS enclosure behind driver.
600-68	TRASH CONTAINERS LOCATION	CSR	Front of C/S luggage rack, inside rack
600-6F	FAREBOX PEDESTAL TREATMENT	BFM	Black full metal jacket.
600-6H	FAREBOX ORIENTATION	FED	Facing entrance door.
600-6R	COFFEE CUP HOLDER/TRAY LOCATION	CL8	At MDT mount.
600-71	TAKE ONES, CURBSIDE LUGG.RK, HOLDER SIZE	S04	5 x 10 x 9
600-77	DASH FANS, SWITCH LOCATION	001	At side console.

Family	Family Description	Feature	Feature Description
600-79	FAN UNDER FRT DEST SIGN COMPT, SWITCH LOCATION	001	At side console.
600-81	ANTENNA	REQ	Required.
600-84	H2 FILL STATION COMMUNICATION	IRD	Communication between bus and fill island done via infrared (IRDA) transmitter connected to TN1 fast fill receptacle.



**CHAMPAIGN-URBANA MASS
TRANSIT DISTRICT**

**Option Proposal for 1 – 60-foot Fuel
Cell Electric Bus**

**Off of State of Washington (SOW
Contract 06719-01)**

Proposal Table of Contents

Tab 1, Letter of Transmittal
Tab 2, Bus Price Summary
Tab 3, Bus Price Change Detail
Tab 4, Tariffs
Tab 5, Payment Terms and Milestones
Tab 6, Bus Warranty Proposal
Tab 7, Bus Training Proposal
Tab 8, Bus Publications Proposal
Tab 9, Bus Tools and Diagnostics Proposal
Tab 10, Bus Contract Spares Proposal
Tab 11, Bus Delivery Schedule
Tab 12, Bus Technical Summary

Tab 1, Letter of Transmittal

Solicitation Requirements:

N/A

New Flyer Response:

Please see attached our **Tab 1a, Letter of Transmittal** to Champaign-Urbana Mass Transit District.

Please indicate your acceptance by providing a Purchase Order to New Flyer, attention:

Adrian Graca, Business Segment Director – Municipal Transit Fleets

204.470.5521

Adrian_Graca@newflyer.com



July 7, 2025

Ashlee McLaughlin
External Affairs Director
Champaign-Urbana Mass Transit District
amclaughlin@mtd.org

Subject: Quotation for one (1) 60-Foot Heavy-Duty Fuel Cell Electric Transit bus

Dear Ashlee,

New Flyer is pleased to submit an option price quotation for the production of one (1) 60-foot Heavy-Duty Fuel Cell Electric Transit bus based on New Flyer's agreement with the State of Washington (SOW Contract 06719-01).

The proposed bus will be technically configured as per SR-2817.

The XHE60 price is **\$2,332,276 per bus** which includes Warranty, Publications, Delivery, and a one-time discount applied. It does not include any estimated tariffs.

Tariffs

New Flyer's proposed price **does not include any additional costs, duties, or price adjustments resulting from regulatory changes, changes or law, or future or recently imposed tariffs** as the cost impact is not available. New Flyer's proposed price is based on USMCA agreements and global Tariff values that were in place as of January 20th, 2025. Potential changes to tariffs have been an evolving situation with the full cost impact not yet visible. We expect the cost of Tariffs will increase the price of the bus between 3% and 15% however this is an estimate for your budgeting purposes only. New Flyer may send an updated proposal with an estimate of the Tariff amount once we have better visibility to the final global Tariff values.

New Flyer is committed to working collaboratively with Champaign-Urbana Mass Transit District to ensure a transparent and auditable process for assessing and addressing tariff-related costs. Please refer to the Tariff Section within our proposal for more information on tariff impacts associated with this order.

Payment Terms and Milestones

This contract will include separate invoicing for tariffs and the proposed bus (as defined in the State of Washington agreement). Each will be invoiced separately to ensure clarity and transparency, resulting in separate payment terms.

- Tariff payment terms are net 15 days from the time of the Tariff Price Change, including auditable backup, and Invoice are presented to Champaign-Urbana Mass Transit District.
- SOW Contract 06719-01 payment terms are 100% at acceptance, net 30, with bus acceptance required within fifteen (15) days of delivery.

- New Flyer is pleased to present alternate milestone payments options that offer added flexibility and cost savings to Champaign-Urbana Mass Transit District. Please see the Payment Terms and Milestones section within our proposal for a full breakdown. Note, the alternate milestones and associated discount are conditional upon accepting of one of the proposed options.

We would like to highlight key elements of our proposal:

Warranty: New Flyer exceeds the industry standard warranties in many areas such as our 5 year / 300,000 miles axle warranty (standard warranty is 2 years) and our 3 years / 150,000 miles multiplex warranty (standard competitor warranty is 1 year / 50,000 miles). Please refer to our Warranty Section within our proposal for more information. Please note that warranty is included in the bus price.

Training: New Flyer Training is an organization within the New Flyer Customer Services group, a division of New Flyer Industries. As a part of the leading manufacturer of heavy-duty transit buses in the United States and Canada, we have access to top design, engineering, propulsion technology, and electrical systems professionals. This allows us to offer the service and expertise to maximize the lifetime value of your fleet. Please refer to our Training Section within our proposal for more information. Please note that optional training is not included in the bus price.

Publications: The New Flyer Publications team combines extensive, hands-on technical experience with exceptional writing, illustrating, and publishing skills to create the industry's benchmark in maintenance manuals. They supply accurate information in a timely manner, assisting the customer in the performance of proper bus maintenance, which adds to the overall reliability and lifetime value of each New Flyer bus on the road. Please refer to our Publications Section within our proposal for more information. Please note that publications are not included in the bus price.

Tooling and Diagnostics: Please refer to our Tools and Diagnostics Section within our proposal for more information. Please note that tooling and diagnostics are not included in the bus price.

Delivery Proposal: New Flyer is proposing a complete delivery by Q3 of 2026 based on a receipt of a Notice to Proceed within 60 days of this submission. Please note that delivery is included in the bus price.

This project allows New Flyer the important opportunity to continue our strong relationship with Champaign-Urbana Mass Transit District. It also gives us the opportunity again to delivery some of the most advanced vehicles available in North America. We thank you for your continued interest in New Flyer products and look forward to working with you again in the near future.

This quote is open for acceptance for sixty (60) days. Please indicate your acceptance by providing a Purchase Order to New Flyer, attention Adrian Graca, Business Segment Director – Municipal Transit Fleets at Adrian_Graca@newflyer.com.

Sincerely,
NEW FLYER OF AMERICA INC.



Nhi Le, P.Eng.
Technical Sales Manager
431.373.5698
Nhi_Le@newflyer.com

CC:

Jeff Butler – Regional Sales Manager
Adrian Graca – Business Segment Director – Municipal Transit Fleets

Tab 2, Bus Price Summary

Solicitation Requirements:

N/A

New Flyer Response:

Please see attached New Flyer's [Tab 2a, Price Summary](#) for one (1) – XHE60 bus for Champaign-Urbana Mass Transit District.



Price Change Summary

Property Name: Champaign - Urbana Mass Transit District
Option Number: 2025-052
Contract Origin: 20-046 SOW
SR (if applicable): SR-2817
Quantity: 1
Bus Type: XHE60
Price Change No.: 1
Template Revision: W
Date: June 6 2025

	Each	Total
Items Included in Base Bus Price		
Original Contract Base Bus Price	\$ 2,144,361.48	\$ 2,144,361.48
Base Bus Price Changes	\$ 187,913.65	\$ 187,913.65
Contract Spares Included With Base Bus	\$ -	\$ -
Total Revised Base Bus Price	\$ 2,332,275.13	\$ 2,332,275.13
<i>Estimate for Tariffs is 3 - 15% of Revised Base Bus Price</i>	<i>XXXXX</i>	<i>XXXXX</i>
Items Priced Separately		
Contract Spares Changes	\$ -	\$ -
Miscellaneous Price Changes	\$ -	\$ -
Total Items Priced Separately	\$ -	\$ -

Tab 3, Bus Price Change Detail

Solicitation Requirements:

N/A

New Flyer Response:

Please see attached New Flyer's [Tab 3a, Price Detail Sheet](#).

This sheet includes all price changes that are required to go from the State of Washington Contract base bus configuration to the proposed bus configuration matching SR-2817 as a 60-foot bus, as requested.

As a show of goodwill, New Flyer is offering a one-time discount on this proposal in the amount of **\$30,573.12 per bus**, in recognition of the hybrid surcharge agreed to be paid by Champaign (SR-2729, SRCR 22-1022).



Price Change Detail

Property Name:

Champaign - Urbana Mass Transit District

Option Number:

2025-052

Contract Origin:

20-046 SOW

SR (if applicable):

SR-2817

Quantity:

1

Bus Type:

XHE60

					Data	
Price Change Type	Ref No.	Option No.	Option Group	Description	Price per coach	Extended Total
Base Bus Price Change	1	201	Bumpers	Change towing provisions per SR-2817	\$ 34.34	\$ 34.34
	2	203	Suspension Front	Remove MGM E-Stroke	\$ (717.92)	\$ (717.92)
	3	204	Suspension Rear	Add rear stabilizing bar	\$ 1,082.37	\$ 1,082.37
	4	205	Tires	Change to polished Durabright Duraflange treatment per State of Washington	\$ 3,901.43	\$ 3,901.43
	7	280	Passenger Signal	Remove stop request	\$ (222.25)	\$ (222.25)
	11	304	Paint & Decal	Changes to paint and decal per SR-2817, add 18 year protection customer paint	\$ 9,174.50	\$ 9,174.50
	12	420	Body A/P Before Paint	Add S1 guard wheel guards	\$ 3,098.66	\$ 3,098.66
	13	422	Body A/P After Paint	Remove Docket 90	\$ (3,450.57)	\$ (3,450.57)
	14	450	Flooring A/P	Change to composite flooring per State of Washington	\$ 4,397.24	\$ 4,397.24
	15	460	Windows	Change to Arow Global flush mounted windows	\$ 23,358.21	\$ 23,358.21
	16	470	Destination Signs	Change to Luminator destination sign, INIT - IVN system,and Fuelmaster - AVM system	\$ 60,626.48	\$ 60,626.48
	17	470	Destination Signs	INIT Soft Costs (per SR) Vehicle Panning,Proof of Performance, and Site Integration Testing	\$ 61,125.00	\$ 61,125.00
	18	480	Mirrors	Add Safefleet camera mirrors	\$ 4,925.06	\$ 4,925.06
	19	491	Door Exit	Change to Vapor Acoustic Class exit door	\$ 6,136.59	\$ 6,136.59
	20	526	Seating & Stanchions	Change to 40 passanger Ster seating with Q'pods	\$ 5,904.49	\$ 5,904.49
	21	549	HVAC System	Add floor heater	\$ 5,490.11	\$ 5,490.11
	22	600	Customer Options	Add GTT hydrogen detection system	\$ 6,350.00	\$ 6,350.00
	23	600	Customer Options	Add APEX2 Bike rack per State of Washington	\$ 1,736.78	\$ 1,736.78
	25	600	Customer Options	Add SafeFleet camera system	\$ 17,529.81	\$ 17,529.81
	26	600	Customer Options	Add Amerex suppression system	\$ 8,006.44	\$ 8,006.44
	27			One-time discount	\$ (30,573.12)	\$ (30,573.12)
Base Bus Price Change Total					\$ 187,913.65	\$ 187,913.65
Grand Total					\$ 187,913.65	\$ 187,913.65

Tab 4, Tariffs

Solicitation Requirements:

N/A

New Flyer Response:

New Flyer's proposed price **does not include any additional costs, duties, or price adjustments resulting from regulatory changes, changes or law, or future or recently imposed tariffs** as the cost impact is not available. New Flyer's proposed price is based on USMCA agreements and global Tariff values that were in place as of January 20th, 2025. Potential changes to tariffs have been an evolving situation with the full cost impact not yet visible. We expect the cost of Tariffs will increase the price of the bus between 3% and 15% however this is an estimate for your budgeting purposes only. New Flyer may send an updated proposal with an estimate of the Tariff amount once we have better visibility to the final global Tariff values.

To ensure continued production and delivery of our customers' buses, New Flyer will begin assessing the tariff impact on each bus build at the time of line entry. The amount of the price increase will vary based on the type of bus, Agency selected options, component sourcing, and timing of the order.

Per the terms of SOW Contract 06719-01, the following provisions apply:

Section 3.4, Economic Adjustment: ...For certainty, notwithstanding anything else to the contrary contained herein, in the event that a price adjustment is required in respect of changes that are mandatory as a result of legislation or regulations that become effective after the date of the tender submission, such price adjustment shall be negotiated in good faith by the Participants and the Contractor.

Should tariffs or regulatory changes affect the cost of materials, production, or services, or result in a change by Champaign-Urbana Mass Transit District in the number of units to be procured, New Flyer reserves the right to adjust pricing accordingly.

The Price Change reflective of actual Tariff costs, will be calculated at the time of line entry and will be provided with auditable backup to Champaign-Urbana Mass Transit District. The amount will be calculated through New Flyer's SRCR (Sales Release Change Request) process and passed through at cost. It will be clearly identified as a Tariff Surcharge on the Price Change.

The payment terms for Tariffs are net 15 days from the time of the Price Change, including auditable backup, and invoice are presented to Champaign-Urbana Mass Transit District.

The federal government requires that the importer on record pay for Tariffs 2 weeks from the date they are incurred and provide a bond for tariff payments. New Flyer has provided a bond to the Federal Government for Tariff Payments; therefore, the Tariff payment at line entry is not considered an Advanced Payment, and no additional security is required.

New Flyer is taking an active advocacy role to educate stakeholders on the impact of tariffs on our industry and the economic impact to Transit Agencies. Unforeseen economic factors and changes in laws and regulations create disruption and added costs. We encourage Champaign-Urbana Mass Transit District to reach out to your government offices to share the impact of Tariffs on your organization and participate in advocacy outreach where and how you deem appropriate.

Tab 5, Payment Terms and Milestones

Solicitation Requirements:

N/A

New Flyer Response:

This contract will include separate invoicing for tariffs and the proposed bus (as defined in the SOW Contract 06719-01 agreement), which result in separate payment terms.

Tariff Payment Terms

The payment terms for Tariffs are net 15 days from the time of the Price Change, including auditable backup, and invoice are presented to Champaign-Urbana Mass Transit District.

Contract Payment Terms

SOW Contract 06719-01 payment terms are 100% at acceptance, net 30 days, with bus acceptance required within fifteen (15) days of delivery.

Alternate Bus Payment Terms

New Flyer is pleased to present the following alternate milestone payments options that offer added flexibility and cost savings to Champaign-Urbana Mass Transit District. These milestone payment options are outlined below and are conditional upon accepting of one of the proposed options.

Terms – Payment Net 30 for all Milestones	Percentage	Amount	Discount	Net Payment
Option 1				
Battery Installation	75%	\$1,749,206	(\$13,179)	\$1,736,027
Acceptance	25%	\$583,069	-	\$583,069
	100%	\$2,332,275	(\$13,179)	\$2,319,096
Option 2				
Approval for Shipment from Facility	80%	\$1,865,820	(\$7,668)	\$1,858,152
Acceptance	20%	\$466,455	-	\$466,455
	100%	\$2,332,275	(\$7,668)	\$2,324,607

Tab 6, Bus Warranty Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Tab 6a, Warranty Proposal](#).

Please note that Warranty Pricing is included as part of the Bus Price.



CONTRACT DELIVERABLES LIST		Warranty
CUSTOMER NAME	Champaign Urbana	
BID NUMBER	2025-052	
BUS MODEL	XHE60 (136 kwh)	
QUANTITY	1	

MAJOR COMPONENT DESCRIPTION	BASE AND EXTENDED WARRANTY			COMMENTS
	PROVIDER	YEARS	MILES	
Base Bus Warranty	New Flyer of America	2	100,000	Excluding scheduled maintenance items, acts of nature, or normal consumables
Basic Bus Structure	New Flyer of America	3	150,000	Body, and body structure shall consist of the components that are bolted or riveted to the structure, such as, exterior panels, interior panels, roof, ceiling, and driver's barrier.
Chassis Structure (Integrity)	New Flyer of America	12	500,000	Consists of all components that are welded together to form the main frame (skeleton) and body construction. The structural integrity guarantee covers against a significant loss of structural integrity of the assembly or its functional performance due to non corrosion related failures.
Chassis Structure (Corrosion)	New Flyer of America	12	500,000	Consists of all components that are welded together to form the main frame (skeleton) and body construction. The corrosion guarantee covers against a significant loss of structural integrity of the assembly or its functional performance, resulting from a pertinent loss of cross-section due to corrosion caused by normal environmental elements but excludes corrosion caused by aggressive road de-icers such as Magnesium Chloride or equivalents, unless New Flyer approved preventative measures are taken.
Propulsion System (Traction System, Controllers/Inverters and Gear Box)	Siemens/New Flyer of America	6	300,000	First 5 years covered by Siemens and the 6th year covered by New Flyer. All warranty claims to be submitted to New Flyer.
Hydrogen Fuel Cell	Ballard	6	250,000	Some limitations and exclusions may apply - Please see manufacturer's warranty document.
DC / DC Converter	Ballard	6	250,000	Some limitations and exclusions may apply - Please see manufacturer's warranty document.
Fuel Cell High Voltage Batteries (136 kwh)	Xalt Energy/New Flyer Industries Limited	6	300,000	<p>"Capacity fade is the relative reduction of the total amount of energy the battery system can store in a single charge for the purpose of powering the bus as compared to capacity at beginning of life (BOL). Capacity fade is warranted to 80% at year 6 when;</p> <p>1) capacity measurements are taken from a balanced ESS, and 2) ESS is maintained in the manner described in the New Flyer Service Manual."</p> <p>"The string Battery Management System (BMS) controllers and Power Distribution Unit (PDU) are warranted for proper operation up to year 6 when the ESS is maintained in the manner described in the New Flyer Service Manual."</p> <p>All warranty claims to be submitted to New Flyer.</p>
Axle (Front and Rear)	MAN	5	300,000	Excluding maintenance items & items that are not covered by the OEM's warranty. All friction materials are excluded from this limited warranty. Wear and third party items supplied with the axle (e.g. slack adjuster, seals and bearings, shocks, air bellows, radius rods, brake chambers) are not included in the 5 year warranty. Please see manufacturer's warranty document.
Electric Driven Center Axle	ZF / New Flyer of America	5	300,000	Exclusions and limitations apply, see warranty terms and conditions document for coverage and limitation details. The 5 year coverage applies to the Axle Housing and Carrier Arms. All other components are subject to a limited warranty.
A/C	Thermo King	2	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document. All repairs/warranty claims need to be handled through the local authorized repair facility.
Brake System	New Flyer of America	2	100,000	Friction Material Excluded
Destination Signs	Twin Vision	6	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document. All repairs/warranty claims need to be handled through the local authorized repair facility.
Door Systems	Vapor	3	150,000	Excluding maintenance items & items that are not covered by the OEM's warranty
Air Compressor	New Flyer of America	2	Unlimited	



CONTRACT DELIVERABLES LIST		Warranty
CUSTOMER NAME	Champaign Urbana	
BID NUMBER	2025-052	
BUS MODEL	XHE60 (136 kwh)	
QUANTITY	1	

MAJOR COMPONENT DESCRIPTION	BASE AND EXTENDED WARRANTY			COMMENTS
	PROVIDER	YEARS	MILES	
Wheelchair Ramp	New Flyer of America	2	100,000	
Electrical System	Parker	3	150,000	Excluding maintenance items & items that are not covered by the OEM's warranty
LED Headlights	J.W.Speaker	6	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document.
Towing	New Flyer of America	2	100,000	
Air Dryer	Bendix	2	100,000	
Charge Air Cooler	Modine	3	150,000	
Fire Suppression System	Amerex	3	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document.
Power Steering	New Flyer of America	2	100,000	
Radiator Fan Drive	Modine	3	150,000	
Hydraulic Systems	New Flyer of America	2	100,000	
New Flyer Connect System	New Flyer of America	6	Unlimited	Warranty covers system and subscription for 6 years.
Articulated Joint	New Flyer of America	2	100,000	
Paint	Axalta	5	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document.

Tab 7, Bus Training Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Tab 7a, Training Proposal](#).

Please note that this proposal is for recommended training only. Training courses may be selected by Champaign-Urbana Mass Transit District. New Flyer's training team is happy to advise on selecting the correct training for your needs.

Corresponding prices are not included in the Bus Price.



CONTRACT DELIVERABLES LIST		CUSTOMER TRAINING		Note: Line items listed are individual courses. The hours shown are instructor hours for each course. The Transit Agency must select which courses and which quantities are required based on their specific operation and staffing.	
CUSTOMER NAME	Champaign-Urbana				
BID/OPTION/SR NUMBER	2025-052				
TECHNICAL SUMMARY	Rev Draft 2				
BUS MODEL	XHE60				
New Flyer Supplied Training					
DESCRIPTION	RECOMMENDED MAXIMUM NUMBER OF STUDENTS PER CLASS	QTY HRS.	TOTAL SELLING PRICE AT BID	REQUIREMENT	BILLABLE: Y/N
Operator Orientation (Train-the-Trainer)	6	4	\$1,254.03	Recommended	Y
Maintenance Orientation	15	4	\$1,254.03	Recommended	Y
First Responder Orientation	25	4	\$986.85	Recommended	Y
Preventive Maintenance Inspection	10	4	\$986.85	Recommended	Y
Multiplex System	10	32	\$7,894.80	Recommended	Y
Entrance & Exit Doors	10	4	\$986.85	Recommended	Y
Wheelchair Ramp	10	4	\$1,254.03	Recommended	Y
Brake Systems and Axles	10	24	\$5,921.10	Recommended	Y
Air System and ABS	10	8	\$1,973.70	Recommended	Y
Suspension and Steering	10	8	\$1,973.70	Recommended	Y
Coolant Loop Fill Procedure	10	4	\$986.85	Recommended	Y
Towing	10	4	\$986.85	Recommended	Y
Body and Structure	10	4	\$986.85	Recommended	Y
Articulated Joint	10	16	\$3,947.40	Recommended	Y
Propulsion/Fuel Cell/ESS Familiarization/HV Safety	6	40	\$9,868.50	Recommended	Y
Propulsion/Fuel Cell/ESS Troubleshooting	10	24	\$5,921.10	Recommended	Y
Sub Total - New Flyer Training			\$47,183.49		Y
OEM Vendor Supplied Training					



CONTRACT DELIVERABLES LIST		CUSTOMER TRAINING		<i>Note: Line items listed are individual courses. The hours shown are instructor hours for each course. The Transit Agency must select which courses and which quantities are required based on their specific operation and staffing.</i>	
CUSTOMER NAME	Champaign-Urbana				
BID/OPTION/SR NUMBER	2025-052				
TECHNICAL SUMMARY	Rev Draft 2				
BUS MODEL	XHE60				
DESCRIPTION	RECOMMENDED MAXIMUM NUMBER OF STUDENTS PER CLASS	QTY HRS.	TOTAL SELLING PRICE AT BID		
HVAC Maintenance	8	8	\$5,130.00	Recommended	Y
Fire Suppression/Gas Detection	10	8	\$5,670.00	Recommended	Y
Destination Sign	10	12	\$5,670.00	Recommended	Y
Siemens Propulsion Troubleshooting	8	24	\$18,630.00	Recommended	Y
XALT ESS Troubleshooting	8	16	\$13,500.00	Recommended	Y
Ballard Fuel Cell Level 1 & 2	8	24	\$25,920.00	Recommended	Y
Ballard Fuel Cell Level 3	8	24	\$25,920.00	Recommended	Y
Sub Total - OEM Vendor Training			\$100,440.00		
Training Total (priced separate from the bus price)			\$147,623.49		Y

Tab 8, Bus Publications Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Tab 8a, Publications Proposal](#).

Please note that Publication Pricing is included in the Bus Price.

CONTRACT DELIVERABLES SHEET
PUBLICATIONS rev a. April 7, 2025

PRIMARY CUSTOMER NAME		Champaign
PUBLICATIONS CUSTOMER NAME		Champaign-Urbana Mass Transit District
BID NUMBER		2025-052
BUS MODEL		XHE60
QUANTITY		1

New Flyer Standard Bus Publications

DESCRIPTION	QTY	CUSTOMER DELIVERY
Emergency Responder Guide (8.5x11 laminated paper)	1	With First Bus Delivery
Operator's Guide (8.5x11 3-hole)	1	With First Bus Delivery
Parts Manual	2	30 Business Days After Last Bus Delivery
Service Manual	2	30 Business Days After Last Bus Delivery
Bus System Drawings Manual (11x17 3-hole regular paper includes air, electr, hydraulic, cooling, PLC HVAC layouts and schematics)	2	30 Business Days After Last Bus Delivery
TIV USB	2	30 Business Days After Last Bus Delivery

OEM Supplier Publications

DESCRIPTION	QTY	CUSTOMER DELIVERY
Siemens E-Drive Propulsion System OEM Vendor Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
ELFA3 System User Guide (Safety, Installation, Operation, Maintenance, Diagnostics and Parts information documents)	2	"
Ballard Fuel Cell OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
FCMove Fuel Cell System User Guide	2	"
ESS Battery OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
XALT Energy ESS Battery User Manual	2	"
Modine BTMS OEM Manual (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
BTMS Service Manual	2	"
Thermo King HVAC OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
Unit Operation & Maintenance Manual	2	"
Unit Operation & Parts Manual	2	"
EMP Cooling System OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
MH5 Cooling System Service Manual	2	"
MH5 Cooling System Troubleshooting Manual	2	"
WABCO ABS System OEM Manual (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
ABS Maintenance Manual	2	"
Destination Sign OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier

CONTRACT DELIVERABLES SHEET		PUBLICATIONS rev a. April 7, 2025
PRIMARY CUSTOMER NAME		Champaign
PUBLICATIONS CUSTOMER NAME		Champaign-Urbana Mass Transit District
BID NUMBER		2025-052
BUS MODEL		XHE60
QUANTITY		1
Twin Vision Operation & Maintenance Manual	2	"
Valeo Aux Coolant Heater System OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
Thermo DC 200 Workshop Manual	2	"
SafeFleet Video Surveillance OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
Seon System Maintenance and Troubleshooting Guide	2	"
Vmax Viewing Software Guide	2	"
IRMA APC System OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
IRMA Matrix System User Manual	2	"
Parker Multiplexing System OEM Manuals (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier
VMM 1615 User Guides	2	"
VMM 1615 Software User Guides	2	"

Tab 9, Bus Tools and Diagnostics Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Tab 9a, Tools and Diagnostics Proposal](#).

Please note that this proposal outlines New Flyer's recommended tools and diagnostics package required to maintain the Xcelsior® bus. The package acts as a shopping list for Champaign-Urbana Mass Transit District to select from, as required.

The corresponding prices are not included in the Bus Price.

New Flyer Tools Diagnostics Proposal



Date	4/29/2025
Revision Level	Rev Draft 2
Customer Name	Champaign-Urbana
Bid / Option Number	2025-052
Quantity - Bus Model	
Pricing Expiration Date	

Item	Billing Method	Customer Specification Description	NF Parts Description	Part Number Type	Bid Quoted NF Part # or Link	Quantity	Individual Unit Selling Price (USD)	Total Selling Price (USD)
1	Billed Separately		KIT - Panasonic FZ55 Toughbook Laptop	Diagnostic Equipment	6502351	1	\$ 4,410.52	\$ 4,410.52
2	Billed Separately		Nexiq USB Link™ 3 - WIFI/Bluetooth Edition	Diagnostic Equipment	6494933	1	\$ 1,226.40	\$ 1,226.40
3	Billed Separately		Harness - Adapter Diagnostic CAN 2	Diagnostic Equipment	07-12-5916	1	\$ 141.07	\$ 141.07
4	Billed Separately		Intelligaire III Diagnostic Software & Cables	Diagnostic Equipment	6393934	1	\$ 2,560.48	\$ 2,560.48
5	Billed Separately		Valeo Diagnostic Software & Cables	Diagnostic Equipment	6499004	1	\$ 691.42	\$ 691.42
6	Billed Separately		Valeo Adapter - Diagnostic	Diagnostic Equipment	6492163	1	\$ 111.60	\$ 111.60
7	Billed Separately		Cable - PVSG Interface	Diagnostic Equipment	6487019	1	\$ 56.84	\$ 56.84
8	Billed Separately		Cable - Transtech VR Interface	Diagnostic Equipment	6488984	1	\$ 320.82	\$ 320.82
9	Billed Separately		Vapor Class System Diagnostic Interface Kit	Diagnostic Equipment	6358421	1	\$ 61.42	\$ 61.42
10	Billed Separately		Siemens PCAN Interface Harness	Diagnostic Equipment	711447	2	\$ 135.82	\$ 271.64
11	Billed Separately		USB CAN Adapter - Siemens Interface	Diagnostic Equipment	6402046	1	\$ 448.86	\$ 448.86
12	Billed Separately		UDS Software - Vector Indigo	Diagnostic Equipment	6487897	1	\$ 3,683.76	\$ 3,683.76
13	Billed Separately		Vector Keyman USB Dongle	Diagnostic Equipment	6487899	1	\$ 154.78	\$ 154.78
14	Billed Separately		Indigo Interface - Vector VN1630 Log	Diagnostic Equipment	6491163	1	\$ 2,835.57	\$ 2,835.57
15	Billed Separately		CANPiggy 1057GCap - Vector	Diagnostic Equipment	6491232	2	\$ 300.27	\$ 600.55
16	Billed Separately		CANcable 2Y - Vector Indigo	Diagnostic Equipment	6412000	2	\$ 61.91	\$ 123.82
17	Billed Separately		XALT Interface Cable - Batteries	Diagnostic Equipment	704950	1	\$ 216.69	\$ 216.69
18	Billed Separately		Kit - XALT SPI Tool Universal	Diagnostic Equipment	6482554	1	\$ 2,697.17	\$ 2,697.17
19	Billed Separately		Plug - MSD Blank	Diagnostic Equipment	869751	1	\$ 75.84	\$ 75.84
20	Billed Separately		Cap - 6 PK Bus Bar Protective Cvr	Diagnostic Equipment	6483658	1	\$ 232.25	\$ 232.25
21	Billed Separately		Key, Cam Latch #4 (ESS Triangle Key)	Diagnostic Equipment	6476226	1	\$ 4.98	\$ 4.98
22	Billed Separately		Diag Cable - Ballard RDU	Diagnostic Equipment	6473813	1	\$ 362.19	\$ 362.19
23	Billed Separately		Amerex SafetyNet Software & Interface	Diagnostic Equipment	6355551	1	\$ 762.26	\$ 762.26
24	Billed Separately		Ethernet Cable - IRMA APC	Diagnostic Equipment	6465569	1	\$ 136.21	\$ 136.21
25	Billed Separately		Wabco ABS Software (Initial Download)	are / Annual Renewals/ Subscri	6334596	1	\$ 433.38	\$ 433.38
26	Billed Separately		Wabco ABS Software (Renewal)	are / Annual Renewals/ Subscri	6495817	1	\$ 410.17	\$ 410.17
27	Billed Separately		Annual Maintenance - Vector Indigo	are / Annual Renewals/ Subscri	6487898	1	\$ 662.46	\$ 662.46
28	Billed Separately		EMP Software	No Charge Software	EMP : Drivers & Downloads (emp-	1	\$ -	\$ -
29	Billed Separately		Twin Vision MIE Software	No Charge Software	https://luminator.zendesk.com/hc	1	\$ -	\$ -
30	Billed Separately		Vansco Software	No Charge Software	http://divapps.parker.com/divapp	1	\$ -	\$ -
31	Billed Separately		Vansco 1210 Chooser	No Charge Software	http://divapps.parker.com/divapp	1	\$ -	\$ -
32	Billed Separately		PVSG Software	No Charge Software	https://ph.parker.com/us/17616/	1	\$ -	\$ -
33	Billed Separately		Smarttrider Software	No Charge Software	https://promo.parker.com/promo	1	\$ -	\$ -
34	Billed Separately		Vapor Class System Software	No Charge Software	kkobel@Wabtec.com	1	\$ -	\$ -
35	Billed Separately		Vapor VETC2 Software	No Charge Software	agoetzelmann@Wabtec.com	1	\$ -	\$ -
36	Billed Separately		Mobile Starter Software	No Charge Software	darryl_desjarlais@newflyer.com	1	\$ -	\$ -
37	Billed Separately		Siemens Siadis Software	No Charge Software	cv-services.us@meritor.com	1	\$ -	\$ -
38	Billed Separately		XALT Service Tool Software	No Charge Software	darryl_desjarlais@newflyer.com	1	\$ -	\$ -
39	Billed Separately		Modine BTMS Software	No Charge Software	Troubleshooting & Diagnostics - M	1	\$ -	\$ -
40	Billed Separately		Danfoss Software - Berendsen Pwr Strg	No Charge Software	darryl_desjarlais@newflyer.com	1	\$ -	\$ -
41	Billed Separately		Ballard Software	No Charge Software	http://ballard.com/contact-us	1	\$ -	\$ -

New Flyer Tools Diagnostics Proposal

42	Billed Separately		Kit - Lift Tow Universal	Special Tools and PPE	6396565	1	\$	327.96	\$	327.96
43	Billed Separately		Kit - Lift Tow Receivers	Special Tools and PPE	6396567	1	\$	2,131.89	\$	2,131.89
44	Billed Separately		Xcelsior Flat Tow adapter (2 pcs. Per set)	Special Tools and PPE	6395097	1	\$	2,132.20	\$	2,132.20
45	Billed Separately		Assy - Frame Flat Towing	Special Tools and PPE	902990	1	\$	6,551.82	\$	6,551.82
46	Billed Separately		Jacking Adapters	Special Tools and PPE	434434	1	\$	1,179.13	\$	1,179.13
47	Billed Separately		Tool - Sway Bar Bushing Removal	Special Tools and PPE	566804	1	\$	475.58	\$	475.58
48	Billed Separately		Repair Kit - Disc Brakes & Synact Calipers	Special Tools and PPE	6501865	1	\$	10,513.04	\$	10,513.04
49	Billed Separately		Torque Multiplier	Special Tools and PPE	6314711	1	\$	2,692.20	\$	2,692.20
50	Billed Separately		Hub Repair Kit - MAN VOK-08 Frt Axle	Special Tools and PPE	6408311	1	\$	11,278.65	\$	11,278.65
51	Billed Separately		Optional Hub Removal Hydraulic Tool Kit - MAN VOK-08	Special Tools and PPE	6458834	1	\$	7,063.48	\$	7,063.48
52	Billed Separately		King Pin Press Kit - MAN VOK-08 Frt Axle	Special Tools and PPE	6494532	1	\$	21,425.81	\$	21,425.81
53	Billed Separately		Hub Repair Kit - MAN HY1350 RR Axle	Special Tools and PPE	6408306	1	\$	7,158.37	\$	7,158.37
54	Billed Separately		ABS Sensor R&R Kit - MAN HY1350 RR Axle	Special Tools and PPE	6408307	1	\$	1,309.52	\$	1,309.52
55	Billed Separately		Pinion Seal Repair Kit - MAN HY1350 RR Axle	Special Tools and PPE	6444302	1	\$	3,277.59	\$	3,277.59
56	Billed Separately		Differential Repair Kit - MAN HY1350 RR Axle	Special Tools and PPE	6444303	1	\$	11,147.36	\$	11,147.36
57	Billed Separately		Optional Tool Kit - MAN HY1350 RR Axle	Special Tools and PPE	6444304	1	\$	44,883.37	\$	44,883.37
58	Billed Separately		ZF AV2130 Center Axle Tool Kit	Special Tools and PPE	6476735	1	\$	50,271.26	\$	50,271.26
59	Billed Separately		Adj Tool - Strg Gear Box Press Relief	Special Tools and PPE	6465265	1	\$	344.83	\$	344.83
60	Billed Separately		Depth Punch - Strg Gear Box Press Relief	Special Tools and PPE	6465266	1	\$	258.64	\$	258.64
61	Billed Separately		Flow Meter Tester - Strg Gear Box	Special Tools and PPE	140809	1	\$	1,911.92	\$	1,911.92
62	Billed Separately		Puller Tool - Pitman Arm	Special Tools and PPE	6394270	1	\$	755.91	\$	755.91
63	Billed Separately		TK A/C Tool Kit - RLFE R407c	Special Tools and PPE	6459438	1	\$	33,417.42	\$	33,417.42
64	Billed Separately		Hose - 4ft Black	Special Tools and PPE	6402766	1	\$	221.63	\$	221.63
65	Billed Separately		Amerex Discharge Hose Blowout Adapter	Special Tools and PPE	052132	1	\$	209.59	\$	209.59
66	Billed Separately		Amerex Fire Alarm/Simulator Module	Special Tools and PPE	6484731	1	\$	408.76	\$	408.76
67	Billed Separately		Amerex Calibration Kit - AMGaDS III	Special Tools and PPE	6459321	1	\$	1,524.45	\$	1,524.45
68	Billed Separately		Accumulator Fill and Test Kit	Special Tools and PPE	6458813	1	\$	2,644.58	\$	2,644.58
69	Billed Separately		Pressure Regulator - ATG Accumulator	Special Tools and PPE	6465316	1	\$	295.03	\$	295.03
70	Billed Separately		Swivel Union - ATG Accumulator	Special Tools and PPE	6465317	1	\$	45.75	\$	45.75
71	Billed Separately		Adapter - ATG Accumulator	Special Tools and PPE	6465318	1	\$	4.15	\$	4.15
72	Billed Separately		Hydraulic Block Torque Kit	Special Tools and PPE	6353626	1	\$	1,847.30	\$	1,847.30
73	Billed Separately		Cylinder Pin Holder	Special Tools and PPE	6353636	1	\$	258.01	\$	258.01
74	Billed Separately		Cylinder Pin Extractor	Special Tools and PPE	6353637	1	\$	299.98	\$	299.98
75	Billed Separately		Hydraulic Fill and Test Kit	Special Tools and PPE	6500763	1	\$	5,361.10	\$	5,361.10
76	Billed Separately		Roof Strut R&R Tool	Special Tools and PPE	6491438	1	\$	1,621.04	\$	1,621.04
77	Billed Separately		Eye Bolt	Special Tools and PPE	6357775	1	\$	31.80	\$	31.80
78	Billed Separately		Wrist Joint Nut Restraint	Special Tools and PPE	6461222	1	\$	1,342.48	\$	1,342.48
79	Billed Separately		Socket, 32mm	Special Tools and PPE	6389935	1	\$	51.20	\$	51.20
80	Billed Separately		Torque Multiplier, 1350 Nm	Special Tools and PPE	6389936	1	\$	3,781.43	\$	3,781.43
81	Billed Separately		Holder, Cover Plate	Special Tools and PPE	6389937	1	\$	188.83	\$	188.83
82	Billed Separately		Repair Kit - Hubner Bellows	Special Tools and PPE	6446214	1	\$	6,753.95	\$	6,753.95
83	Billed Separately		Assy - H2 Tank Pressure Interface	Special Tools and PPE	970139	1	\$	447.78	\$	447.78
84	Billed Separately		Valve Instl Tool	Special Tools and PPE	6473780	1	\$	1,752.11	\$	1,752.11
85	Billed Separately		Ballard Special Tools Kit, HD7	Special Tools and PPE	6473770	1	\$	1,338.85	\$	1,338.85
86	Billed Separately		Assy - Magnapower Charger	Special Tools and PPE	842767	1	\$	11,126.30	\$	11,126.30
87	Billed Separately		Kit - Pressure Test Tool	Special Tools and PPE	6493641	1	\$	1,560.85	\$	1,560.85
88	Billed Separately		Head Wrench, Dessicant Canister	Special Tools and PPE	6485513	1	\$	301.73	\$	301.73
89	Billed Separately		Kit - ESS Coolant Pressure Tester	Special Tools and PPE	6486719	1	\$	1,465.83	\$	1,465.83
90	Billed Separately		Kit - ESS Coolant Pressure Fill	Special Tools and PPE	6411553	1	\$	9,892.21	\$	9,892.21
91	Billed Separately		Assy, Lift Beam ESS Rack	Special Tools and PPE	6505018	1	\$	5,499.05	\$	5,499.05

New Flyer Tools Diagnostics Proposal

92	Billed Separately		Boom, Forklift Adapter	Special Tools and PPE	6485514	1	\$	3,897.55	\$	3,897.55
93	Billed Separately		Lifting Adapter Assy - Siemens PEM	Special Tools and PPE	6481413	1	\$	942.86	\$	942.86
94	Billed Separately		Lifting Device - XALT XMOD Battery Modules	Special Tools and PPE	6476635	1	\$	1,857.36	\$	1,857.36
95	Billed Separately		Clamp Meter - 1000A Fluke 376	Special Tools and PPE	6487900	1	\$	1,174.55	\$	1,174.55
96	Billed Separately		Fluke 2 in 1 Multimeter - 1587FC	Special Tools and PPE	6400746	1	\$	1,787.86	\$	1,787.86
97	Billed Separately		Conductivity Meter	Special Tools and PPE	6489997	1	\$	777.77	\$	777.77
98	Billed Separately		modular test lead kit	Special Tools and PPE	6473267	1	\$	339.57	\$	339.57
99	Billed Separately		test probe flat blade	Special Tools and PPE	6473268	1	\$	55.10	\$	55.10
100	Billed Separately		test probe back probe	Special Tools and PPE	6473269	1	\$	46.43	\$	46.43
101	Billed Separately		Wiha Insulated Master Electrician's tool kit	Special Tools and PPE	6473445	1	\$	4,787.49	\$	4,787.49
102	Billed Separately		wiha 1/4 in ratchet set insulated SAE	Special Tools and PPE	6473447	1	\$	710.19	\$	710.19
103	Billed Separately		wiha 1/4 in ratchet set insulated Metric	Special Tools and PPE	6473448	1	\$	710.60	\$	710.60
104	Billed Separately		16 PC 3/8 drive socket set	Special Tools and PPE	6473449	1	\$	717.95	\$	717.95
105	Billed Separately		3/8 Extension set	Special Tools and PPE	6473450	1	\$	81.04	\$	81.04
106	Billed Separately		3/8 Extension set	Special Tools and PPE	6473451	1	\$	111.44	\$	111.44
107	Billed Separately		wiha open end wrench insulated metric	Special Tools and PPE	6473452	1	\$	982.91	\$	982.91
108	Billed Separately		wiha open end wrench insulated sae	Special Tools and PPE	6473453	1	\$	1,527.48	\$	1,527.48
109	Billed Separately		Wiha insulated Serrated Tweezers Straight	Special Tools and PPE	6473454	1	\$	100.50	\$	100.50
110	Billed Separately		Wiha insulated Serrated Tweezers Angled	Special Tools and PPE	6473455	1	\$	89.66	\$	89.66
111	Billed Separately		Insulated Torque Wrench 1/4"	Special Tools and PPE	6473456	1	\$	1,006.07	\$	1,006.07
112	Billed Separately		Insulated Torque Wrench 3/8"	Special Tools and PPE	6472024	1	\$	1,098.94	\$	1,098.94
113	Billed Separately		Insulated Torque Wrench 1/2"	Special Tools and PPE	6473457	1	\$	1,160.09	\$	1,160.09
114	Billed Separately		torque screwdriver set	Special Tools and PPE	6473458	1	\$	690.32	\$	690.32
115	Billed Separately		insulated crimper 30 - 6 Awg 7"	Special Tools and PPE	6473459	1	\$	58.82	\$	58.82
116	Billed Separately		wire stripper 6 - 3/8 overall 20 to 10	Special Tools and PPE	6473460	1	\$	54.17	\$	54.17
117	Billed Separately		insulated water pump pliers v-jaw	Special Tools and PPE	6473461	1	\$	103.19	\$	103.19
118	Billed Separately		insolated hex key set 10pc metric	Special Tools and PPE	6473462	1	\$	303.37	\$	303.37
119	Billed Separately		Long SAE Natural insulated hex key set 12 pc	Special Tools and PPE	6473463	1	\$	391.59	\$	391.59
120	Billed Separately		bit driver	Special Tools and PPE	6473464	1	\$	122.28	\$	122.28
121	Billed Separately		Stubby Bit Driver	Special Tools and PPE	6473465	1	\$	43.34	\$	43.34
122	Billed Separately		Wiha Insulated "bitFlip" Set	Special Tools and PPE	6472034	1	\$	100.61	\$	100.61
123	Billed Separately		Mini Screw Driver set	Special Tools and PPE	6473466	1	\$	104.74	\$	104.74
124	Billed Separately		ARC Flash Protection Clothing Kit - 2PC Small	Special Tools and PPE	6471958	1	\$	1,117.77	\$	1,117.77
125	Billed Separately		ARC Flash Protection Clothing Kit - 2PC Medium	Special Tools and PPE	6473412	1	\$	909.13	\$	909.13
126	Billed Separately		ARC Flash Protection Clothing Kit - 2PC Large	Special Tools and PPE	6473413	1	\$	1,117.77	\$	1,117.77
127	Billed Separately		ARC Flash Protection Clothing Kit - 2PC XL	Special Tools and PPE	6473414	1	\$	1,117.77	\$	1,117.77
128	Billed Separately		ARC Flash Protection Clothing Kit - 2PC 2XL	Special Tools and PPE	6471962	1	\$	1,173.68	\$	1,173.68
129	Billed Separately		ARC Flash Protection Clothing Kit - 2PC 3XL	Special Tools and PPE	6471963	1	\$	1,229.56	\$	1,229.56
130	Billed Separately		ARC Flash Protection Clothing Kit - 2PC 4XL	Special Tools and PPE	6471964	1	\$	1,285.43	\$	1,285.43
131	Billed Separately		ARC Flash Protection Clothing Kit - 2PC 5XL	Special Tools and PPE	6471965	1	\$	1,321.74	\$	1,321.74
132	Billed Separately		ARC Flash Protection Clothing Kit - 1PC Small	Special Tools and PPE	6471966	1	\$	878.27	\$	878.27
133	Billed Separately		ARC Flash Protection Clothing Kit - 1PC Medium	Special Tools and PPE	6473415	1	\$	909.13	\$	909.13
134	Billed Separately		ARC Flash Protection Clothing Kit - 1PC Large	Special Tools and PPE	6473416	1	\$	909.13	\$	909.13
135	Billed Separately		ARC Flash Protection Clothing Kit - 1PC XL	Special Tools and PPE	6473417	1	\$	909.13	\$	909.13
136	Billed Separately		ARC Flash Protection Clothing Kit - 1PC 2XL	Special Tools and PPE	6473418	1	\$	1,060.24	\$	1,060.24

New Flyer Tools Diagnostics Proposal

137	Billed Separately		ARC Flash Protection Clothing Kit - 1PC 3XL	Special Tools and PPE	6471971	1	\$	1,060.24	\$	1,060.24
138	Billed Separately		ARC Flash Protection Clothing Kit - 1PC 4XL	Special Tools and PPE	6471972	1	\$	1,046.41	\$	1,046.41
139	Billed Separately		ARC Flash Protection Clothing Kit - 1PC 5XL	Special Tools and PPE	6471973	1	\$	1,060.24	\$	1,060.24
140	Billed Separately		Balaclava Head Cover one size fits all	Special Tools and PPE	6473440	1	\$	60.33	\$	60.33
141	Billed Separately		Hard Hat and Face Shield one size fits all	Special Tools and PPE	6368561	1	\$	410.63	\$	410.63
142	Billed Separately		Harness - Fall Body Arc Flash (425 lbs)	Special Tools and PPE	6700155	1	\$	1,571.02	\$	1,571.02
143	Billed Separately		Black electrical glove kit, Size 7	Special Tools and PPE	6471976	1	\$	162.50	\$	162.50
144	Billed Separately		Black electrical glove kit, Size 8	Special Tools and PPE	6473420	1	\$	170.64	\$	170.64
145	Billed Separately		Black electrical glove kit, Size 8.5	Special Tools and PPE	6471978	1	\$	157.32	\$	157.32
146	Billed Separately		Black electrical glove kit, size 9	Special Tools and PPE	6471979	1	\$	157.89	\$	157.89
147	Billed Separately		Black electrical glove kit, Size 9.5	Special Tools and PPE	6473421	1	\$	157.32	\$	157.32
148	Billed Separately		Black electrical glove kit, size 10	Special Tools and PPE	6473422	1	\$	155.76	\$	155.76
149	Billed Separately		Black electrical glove kit, Size 10.5	Special Tools and PPE	6473423	1	\$	226.23	\$	226.23
150	Billed Separately		Black electrical glove kit, size 11	Special Tools and PPE	6473424	1	\$	162.50	\$	162.50
151	Billed Separately		Black electrical glove kit, size 12'	Special Tools and PPE	6473425	1	\$	157.32	\$	157.32
152	Billed Separately		HV Blanket 3' x 3'	Special Tools and PPE	6473431	1	\$	454.85	\$	454.85
153	Billed Separately		Blanket Clamp 9-1/2" L, 5" Opening	Special Tools and PPE	6473432	1	\$	38.14	\$	38.14
154	Billed Separately		Glove Dust 0.5oz	Special Tools and PPE	6473433	1	\$	16.41	\$	16.41
155	Billed Separately		Rescue Hook 6FT	Special Tools and PPE	6400745	1	\$	683.59	\$	683.59
156	Billed Separately		Defibrillator Adult	Special Tools and PPE	6502239	1	\$	3,063.51	\$	3,063.51
157	Billed Separately		Brady Personal Lockout Pouch Kit	Special Tools and PPE	6494427	1	\$	61.65	\$	61.65
158	Billed Separately		Steel Lock Hasp with Tab	Special Tools and PPE	6473442	1	\$	19.16	\$	19.16
159	Billed Separately		American lock A1106RED	Special Tools and PPE	6473443	1	\$	26.70	\$	26.70
160	Billed Separately		Lock Out Tag (pk of 25)	Special Tools and PPE	6473444	1	\$	27.29	\$	27.29
161	Billed Separately		Hv Warning sign	Special Tools and PPE	6473436	1	\$	20.66	\$	20.66
162	Billed Separately		Arc Flash Warning sign	Special Tools and PPE	6473437	1	\$	14.58	\$	14.58
163	Billed Separately		steering wheel covers	Special Tools and PPE	6473439	1	\$	77.79	\$	77.79
164	Billed Separately		Cart - Safety Barricade System (up to 75ft)	Special Tools and PPE	6491772	1	\$	1,516.84	\$	1,516.84
165	Billed Separately		Tape - Red HV Safety	Special Tools and PPE	6491845	1	\$	45.94	\$	45.94

Notes:

- Part numbers are subject to change.
- If multiple kits are ordered, the subcomponent quantities listed will only display the total quantities needed per kit.
- If parts are required to be assembled in advance of shipment, please confirm part number type is set to "Assembly".

Total Amount Included in Bus Price \$ -

Total Amount Billed Separately \$ 357,134.92

*Above totals exclude applicable taxes.

Customer Signature

Date

Tab 10, Bus Contract Spares Proposal

Solicitation Requirements:

N/A

New Flyer Response:

There are no Contract Spares included in New Flyer's proposal.

Tab 11, Bus Delivery Schedule

Solicitation Requirements:

N/A

New Flyer Response:

New Flyer's proposal is based upon a delivery of all buses by Q3 of 2026.

Tab 12, Bus Technical Summary

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Tab 12a, Technical Summary](#) for the proposed bus.

Family	Family Description	Feature	Feature Description
100-00	XCELSIOR COACH LENGTH	X60	Xcelsior - 60' coach.
100-03	STRUCTURAL MATERIAL	CAR	Carbon steel/ferritic sst.
100-04	FUEL TYPE	XHE	Hydrogen at 350 BAR
100-05	EPA CALENDAR YEAR	026	2026
100-0K	ACCELERA GENERATION	EF3	ELFA 3
100-0Y	BUS MODEL YEAR	026	2026
201-01	FRONT BUMPER	NFI	Romeo Rim, three piece, front bumper.
201-03	FRONT TOWING PROVISIONS	002	Basic set-up, incorporated in front chassis with tow eyes for safety chains. Tow adapters are required.
201-05	REAR BUMPER	NFI	Romeo Rim, three piece, rear bumper with anti-ride feature.
203-01	FRONT AXLE	003	M.A.N. VOK-08, GAWR 18,078 lbs. With disc brakes. Hub mount, Knorr Synact Calipers, with Level N, near zero copper (<0.5%) brake pads.
203-02	SECUREMENT OF BRAKE LININGS	NFI	Bonded.
203-03	BRAKE WEAR INDICATION	003	Continuous wear sensors are required.
203-04	BRAKE WEAR INDICATION LOCATION	002	At instrument panel and at engine/propulsion compartment switch box via stand-alone lamps.
203-06	SHOCK ABSORBERS	NFI	Koni.
203-07	FRONT STABILIZER BAR	PVD	Required.
203-0A	FRT AXLE AND WHEEL SPLASH APRONS	001	Basic, full width, fore of axles and wheels.
203-0B	RADIUS ROD BUSHINGS	WIN	Windowed
204-01	REAR AXLE	004	M.A.N. 5.67:1 HY-1350 With disc brakes. Hub mount, Knorr Synact Calipers, with Level N, near zero copper (<0.5%) brake pads.
204-02	CENTER AXLE	004	ZF model AVE130-NF1, GAWR 28,660 lbs. With disc brakes, hub mount, Knorr Synact Calipers, with Level N, near zero copper (<0.5%) brake pads.
204-03	REAR AXLE GEAR OIL	SYN	Synthetic.
204-04	REAR STABILIZER BAR	PVD	Required.
204-09	REAR AXLE DRAIN PLUGS	EXT	Magnetic external hex head.
204-0A	REAR AXLE MUD FLAP	ONE	One aft of rear axle. (Requirement is determined by local climate, ice build-up, high ambient temperature.)
204-0B	CTR WHEEL MUD FLAP	ONE	One aft of each center dual wheels.
204-0C	REAR WHEEL MUD FLAP	002	One aft of each rear wheel.
205-01	TIRE SUPPLIER	002	Customer supplied tires.
205-06	WHEELS	ADF	Alcoa 22.5" x 8.25" aluminum. Polished Durabright finish with Duraflange treatment.
205-0J	STEERING AXLE TIRES	004	305/70R/22.5, Goodyear G652 (68 mph).

Family	Family Description	Feature	Feature Description
205-0M	REAR AXLE TIRES	004	305/70R/22.5, Goodyear G652 (68 mph).
205-0N	CENTER AXLE TIRES	004	305/70R/22.5, Goodyear G652 (68 mph).
209-01	POWER STEERING PUMP	ELC	Berendsen electric power steering pump. Mounted at the front streetside.
209-02	POWER STEERING HOSES	GAT	Gates G2XH
209-03	POWER STEERING DIAGNOSTIC FTGS	REQ	At steering box.
209-05	POWER STEERING RESERVOIR	REQ	Required.
209-06	POWER STEERING FLUID INDICATOR	003	Light required at the Cabin coolant fill door, front power steering fill port, and at instrument panel.
209-08	POWER STEERING DRAIN PLUG	MAG	Magnetic plug.
209-09	POWER STEERING UNIT	VTX	ZF TAS85, power assisted, frame mounted.
209-0A	POWER STEERING SYSTEM FLUID	DEX	Dexron III, mineral based.
209-0B	POWER STEERING SENSOR	REQ	Hydraulic level sensor required.
219-01	FUEL/PROPULSION SYSTEM	XHE	Accelera E-Drive, with Ballard fuel cell range extender.
219-05	AIR COMPRESSOR	V01	VMAC EC20, Liquid cooled rotary screw compressor powered by 600 VDC motor
219-0D	ROAD SPEED	065	Top road speed is governed. Set at 65 MPH (105 KPH).
219-0M	TRANSMISSION/HYBRID DRIVE/TRACTION MOTOR	023	SIEMENS PEM 1DB2016 FT traction motor, 230 KW. Launch Gradeability at GVWR: 14.8% (35' and 40'), 18.6% (60').
219-0N	EBUS REGENERATIVE BRAKING	005	0-10% driver controlled with accelerator pedal, 30% with accelerator pedal release, remaining 70% blended with brake application reaching 100% by 15psi.
219-0P	TRANSMISSION SHIFTING	NFI	Foot on brake enables shift when in neutral.
219-1C	AIR CLEANER	MAH	Mahle replaceable cartridge filter.
219-1D	AIR RESTRICTION INDICATOR	MCH	Mechanical gauge mounted directly on air intake tube.
219-1E	EXHAUST SYSTEM	FCL	SST tailpipe to disperse water vapour.
219-1F	EXHAUST TAIL PIPE ORIENTATION	001	Curved pipe set to 45 degrees to streetside.
219-1M	XHE PAINTED TAILPIPE	PTD	Painted per customer spec.
219-1U	ENGINE SWITCH BOX	FCL	Propulsion compartment light switch. Located at streetside propulsion compartment strut.
219-30	BALLARD FUEL CELL MODEL	FCM	Ballard FCMove.
231-02	RADIATOR,CAC,HYDR FLUID COOLER	FHV	Modine High Voltage 9 fan fuel cell radiator, with predictive cooling capabilities.

Family	Family Description	Feature	Feature Description
231-04	RADIATOR REVERSE FAN SW & DIAG LAMP	PSP	Located at propulsion compartment switch panel.
231-0C	RAD TUBES	SST	SST
231-0F	COOLANT FLUID/ANTIFREEZE	002	Extended Life (FINAL CHARGE) coolant. 50/50 distilled water with ethylene glycol with corrosion inhibitors and bittering agent, based on organic acid (carboxylate) technology. Orange fluid.
231-0U	XHE COOLANT RESERVOIR	REQ	Propulsion, Fuel Cell, ESS, and cabin heat systems use separate SST reservoirs.
231-0V	XHE COOLANT RESERVOIR PRESSURE RELIEF VALVE	REQ	Propulsion, ESS and cabin heating reservoirs use LEV-R VENT, built into tank cap. Pressure is continually vented on fuel cell coolant reservoir.
231-0Y	XHE COOLANT RESERVOIR SIGHT GLASS	REQ	Cabin Heating reservoir uses a graduated sight glass (glass material). Propulsion and ESS reservoirs use a glass level indicating ball.
231-0Z	XHE LOW COOLANT CONDITION	REQ	Shuts down fuel cell when fuel fill door is open and bus is in neutral with park brake applied. Prevents fuel cell restart. Programmable timing details are required for Electrical.
231-10	XHE COOLANT RESERVOIR TEST PORT	REQ	Schrader valve fitting provided on cabin heat reservoir.
234-01	WATER FILTER	FCL	Fuel cell de-ionized water filter, with 1/4 turn isolation valves.
241-06	HYDROGEN FUEL TANKS	HE9	Agility Fuel Solutions Type 4 Composite, 9 roof mounted tank-5 tanks, 16.3" OD x 125" long, and 4 transverse tanks, 16.3"OD x 82.3" long, with OMB HTV 24V solenoid valve. Total system capacity is 56 Kg at 5075 psi (350 bar).
241-0K	HYDROGEN FUEL LINES	XHE	Dual 0.5" SST lines rated for use with hydrogen fuel, with Swagelok fittings.
241-0N	HYDROGEN PRESSURE RELIEF DEVICE	OMB	One remote OMB PRD and one OMB PRD integrated into tank valve (per tank). Operating pressure 0-350 bar (5075 psi). Operating temperatures: -40 to 85 C (-40 to 185 F), thermal relief (nominal) 110 C (230 F).
241-0W	HYDROGEN FUEL LEVEL GAUGE	LTB	Low level telltale displayed on instrument panel screen with audible buzzer.
241-0Y	HYDROGEN DEFUEL PROVISION	AFS	Swagelok AFS valve with locking tabs, with quick connect fitting.
241-0Z	HYDROGEN FUEL FILL RECEPTACLES	LUX	Luxfer WEH TN1 fast fill and TN5 H2 Fill Receptacle, with fuel pressure gauge at fill box. Includes tethered dust caps.

Family	Family Description	Feature	Feature Description
241-10	HYDROGEN FUEL LINE IDENTIFICATION	NFI	SST lines are labeled with yellow adhesive warning labels at every 36".
241-11	HYDROGEN TANK ISOLATION VALVES	AFS	Swagelok AFS ball valves included for each tank.
241-16	HYDROGEN FUEL FILL DOOR INTERLOCK	REQ	Shuts down fuel cell when fuel fill door is open and bus is in neutral with park brake applied. Prevents fuel cell restart. Programmable timing details are required for Electrical.
246-01	AIR COMPRESSOR DISCHARGE LINE	NFI	Teflon 2807 SST braided hose.
246-02	BASIC AIR TANKS	SP3	Combo Tank 1 (Wet Tank + Primary Brake Tank), RR Unit ACC Tank, Secondary Brake Tank (CTR Axle), Secondary Brake Tank (FRT Axle), Combo Tank 2 (FRT Axle Kneeling Tank + FRT Unit ACC Tank), CTR Axle Kneeling Tank, RR Axle Kneeling Tank.
246-04	AIR TANK DRAIN VALVES	MNL	Manual 1/4 turn valve.
246-06	WET TANK DRAIN VALVE	MAN	Manual 1/4 turn valve.
246-09	RIDE HEIGHT SENSORS	SP4	SmartRider electronic leveling system on all axles.
246-0A	RIDE HEIGHT SETTINGS, NORMAL	SR1	Front ride height is 4.0" axle to bump stop.
246-0B	RIDE HEIGHT SETTINGS, HIGH RIDE/FRT OVER-RAISE	SP1	2" above normal on all axles, speed limited to 10 mph (16 Kph).
246-0C	RIDE HEIGHT SETTINGS, LOW RIDE	SP1	2.4" below normal on all axles, speed limited to 10 mph (16 Kph).
246-0E	DOOR INTERLOCK	EXT	Applied to exit door. Foot on brake to release interlock, applied via multiplex system programming.
246-0G	DRIVER'S PARK BRAKE ALARM	001	If the Master Run switch is in the OFF or PARK positions, the kneeling alarm is triggered to alert the driver that the park brake is not set.
246-0H	PARK BRAKE PRESSURE SETTING	NFI	40 psi auto-apply park brake valve. 60 psi pressure switch for park brake light activation.
246-0K	AIR DRYER	003	Bendix AD9 Tandem air dryer with IPC (Integrated Puraguard Cartridge).
246-0M	AIR DRYER LOCATION	RST	Under the rear step.
246-0U	PARK BRAKE ACTUATION	PUL	Pull To Apply.
246-0V	PARK/EMERG BRAKE LOCATION	PSC	Park brake control location - on side console panel.
246-13	FRONT TOW CONNECTOR	NPT	Male 1/4" NPT fitting with Series 20/30 coupler fitting, with tag.
246-14	FRONT AIR CONNECTOR ARRANGEMENT	SS1	Located below the bumper, streetside.

Family	Family Description	Feature	Feature Description
246-15	FRONT AIR CHARGE CONNECTOR	NPT	Male 1/4" NPT fitting with Series 20/30 coupler fitting, with tag.
246-16	REAR AIR CHARGE FITTING LOCATION	HFB	Mounted to forward face of hydrogen fill box.
246-17	REAR AIR CHARGE CONNECTOR TYPE	M05	Male 1/4" NPT multi-purpose quick coupling with ISO 7241 Series B Interchange (60 Series Nipple), with tag.
246-1B	FLEXIBLE AIR LINES	NFI	Synflex colour coded. Green: rear service brakes and supplies. Red: front service brakes. Brown: parking brake. Black: accessories and brake hose. Yellow: compressor and governor. Blue: suspension.
246-1E	ABS	NFI	Wabco.
246-1F	TRACTION CONTROL	W01	Wabco system, to reduce drive wheel overspin.
246-1J	FRONT CHARGE AIR ROUTING	BSC	To front brake tank connection.
246-1K	REAR CHARGE AIR ROUTING	AFT	Connection after air dryer with direct path into wet tank.
246-1M	REAR CHARGING INDICATOR	REQ	60 PSI Pressure Switch Located in Rear Charge Air Line.
246-27	AIR SYSTEM TRANSDUCER FAULT DETECTION	001	Transducer Fault Detection - Transducer voltage falls to 0V if transducer failure occurs.
260-01	BATTERY MANAGEMENT	TRA	Transtech regulator w/Low Voltage Disconnect, temperature and current sensors to optimize battery life.
260-02	BATTERY VOLTAGE REGULATOR	002	Transtech REG24C w/J1939 and data logging
260-03	BATTERY VOLTAGE REGULATOR LOCATION	MCU	Mounted on MCU/TCU panel.
260-04	BATTERY TYPE / MFR	004	Four Odyssey group 31 Absorbed Glass Matt (AGM) maintenance free batteries. 1150 CCA. Top posts: 3/8" positive, 3/8" negative.
260-05	BATTERY CABLES	NFI	Red heat shrink on 24 volt positive cable end and light blue heat shrink on 12 volt positive cable end.
260-09	BATTERY TRAY	NFI	Slide out battery acid resistant polyethylene enclosure with SST sub frame, SST bearings and rubber isolation mounts. Located aft of the curbside rear wheelhouse. Note: battery access door opens to the side.
260-0C	POSITIVE BATTERY DISCONNECT SW	002	Required with quick access through flip-open door (No engine shutdown feature).
260-0E	BATTERY VOLTAGE EQUALIZER	V02	Vanner 100 amp.
260-0F	JUMP START MANUFACTURER/TYPE	A01	Anderson SB350 grey

Family	Family Description	Feature	Feature Description
260-0G	JUMP START LOCATION	004	At the RH propulsion compartment strut facing rearward accessible via the propulsion compt. door.
260-0K	ENERGY STORAGE SYSTEM BTRY SUPPLIER/TYPE	XP2	Freudenberg, High Power, Gen 2.
260-0M	ENERGY STORAGE SYSTEM CAPACITY	135	135 kWh total.
260-0T	ESS FIRE DETECTORS	NFI	Integrated in ALL ESS HV Battery enclosures.
260-11	MOTOR/INVERTER RADIATOR & RESERVOIR	4FA	Four 11" fan roof mounted EMP radiator with propulsion compartment mounted SST Reservoir with sight glass & low level coolant sensor.
260-12	MOTOR/INVERTER COOLING PUMP	NFI	Rotron.
260-15	ROOF FAIRING / SKIRTS ENCLOSURE	XHE	Fairing with full length skirts for XHE.
260-18	CENTER AXLE MOTOR COOLING SYSTEM	EMP	Front unit roof mounted EMP cooler & reservoir with sight glass & low level sensor. Required to cool ZF AVE130 powered center axle.
260-1B	BATTERY VOLTAGE EQUALIZER QUANTITY	001	One
260-1E	EMERGENCY HV BATTERY CHARGE PORT, XHE	HVF	Single receptacle mounted at curbside of high voltage fusebox.
260-1M	FUSEBOX HIGH VOLTAGE INTERLOCK SWITCH	REQ	Required.
269-01	P.A. AMPLIFIER MFR / TYPE	AVA	Included with AVA or AVL system.
269-0C	GOOSENECK MICROPHONE	REI	REI, approximately 30" long from base to end of microphone. Black neck and head.
269-0D	GOOSENECK MICROPHONE LOCATION	API	Inverted, clipped to the A-pillar. Microphone clip is 15.26" from bottom of destination sign closeout panel.
269-0E	GOOSENECK MICROPHONE SWITCH	BLT	Built into microphone.
269-0G	INTERIOR SPEAKER MFR	TCB	TCB
269-0H	PRIMARY INTERIOR SPEAKERS	008	Eight: six to light panels, two above rear bench.
269-0K	EXTERIOR SPEAKERS, LOCATION	ENT	At basic location above entrance.
269-0M	EXTERIOR SPEAKER MFR	SHE	Shekonic
269-0N	EXTERIOR SPEAKERS, LOCATION, RR	001	Additional location above curbside exit door.
269-0Z	PRIMARY PA SYSTEM	GSW	Gooseneck mic with built-in switch.
269-13	EXTERIOR SPEAKER QUANTITY	ES2	Two

Family	Family Description	Feature	Feature Description
269-14	EXTERIOR SPEAKERS, LOCATION, REAR, MFR	SHE	Shekonic
269-1E	EXTERIOR SPEAKER COIL	1CO	Single coil
273-01	HEADLIGHTS	NFI	NFIL Xcelsior LED low beam and high beam headlights.
273-02	DAY RUN HEADLIGHTS	REQ	Required.
273-03	FRONT TURN SIGNALS	NFI	NFIL amber LED. Integrated with headlight assembly.
273-06	TAIL LIGHT ARRANGEMENT	005	Red, amber, red, white.
273-07	TAIL LIGHTS MFR	7DB	7" Dialight LED, bolted flange mounted.
273-08	CENTER STOP / DECELERATION LIGHT SIZE	BSC	18" X 1 " Dialight
273-09	WHITE BACK-UP LIGHT MFR	DLG	4" Dialight LED, grommet mounted.
273-0A	STOP LIGHTS ON WITH RTRDR/REGEN BRAKE	REQ	Required.
273-0B	STOP LIGHTS ON WITH PARK BRAKE OR INTERLOCK	NFI	When park brake or interlock are engaged.
273-0E	CENTER STOP / DECELERATION LIGHTS QTY	003	Three
273-0F	CENTER STOP / DECELERATION LIGHTS LOCATION	BSC	At lower edge of HVAC door.
273-0H	SIDE TURN SIGNALS,TYPE / QTY PER SIDE	6S5	6 streetside, 5 curbside amber Dialight LED Lamps, 12 volt
273-0J	SIDE TURN SIGNAL FUNCTIONALITY	BSC	Single intensity, Dialight LED lamps.
273-0M	CURBSIDE TURN SIGNALS LOCATION	006	Lamps are aft of front and fore of center and rear wheelhouses.
273-0N	STREETSIDE TURN SIGNALS LOCATION	004	Lamps are fore and aft of all wheelhouses.
273-0P	KNEELING/RAMP LIGHT AT ENTRANCE	NFI	2.5" Dialight LED.
273-0T	MARKER / CLEARANCE LIGHTS	001	Dialight LED without guard all around.
273-0V	REFLECTORS	NFI	Self-adhesive decals installed at NFIL basic positions.
273-0W	REAR LICENSE PLATE LIGHT	SMT	Smartrend LED.
273-10	TIMED SHUT-OFF,ENTR AREA LIGHTS	BSC	The program is set to shut the lights off when the door closes.
273-12	TIMED SHUT-OFF,EXIT AREA LIGHTS	NFI	The program is set to shut the lights off five seconds after the door closes.
273-1F	CENTER STOP / DECELERATION LIGHTS COLOR	RED	Red

Family	Family Description	Feature	Feature Description
273-1G	CURBSIDE CORNERING LIGHTS	004	2 total, one curbside lamp located behind front axle and one curbside lamp forward of the rear axle.
273-1J	STREETSIDE CORNERING LIGHT	002	2 total, one streetside lamp located behind front axle and one streetside lamp forward of the rear axle.
273-1R	MARKER / CLEARANCE LIGHTS FUNCTIONALITY	NFI	New Flyer standard marker/clearance light functionality to meet applicable FMVSS/CMVSS regulations.
273-23	MARKER LIGHTS LOCATION	NFI	New Flyer standard marker light locations to meet applicable FMVSS/CMVSS regulations
273-25	EXTERIOR LIGHTS	DAY	Day Run, Night Run, and Night Park modes illuminate the tail lamps, marker/clearance lamps, and license plate lamp. Mandatory for Canadian customers.
273-26	CENTER STOP/DECELERATION LIGHT FUNCTIONALITY	STP	Basic stop functionality.
273-27	CENTER STOP/DECELERATION LIGHT VOLTAGE	12V	12 Volts.
273-29	UPPER REAR LIGHTS QTY	2&2	Two and Two
273-30	UPPER REAR LIGHTS SIZE	001	18" X 1" strip
273-31	UPPER REAR LIGHTS COLOR	MIX	Amber and Red
273-32	UPPER REAR LIGHTS FUNCTIONALITY	T&S	Turn and stop
273-33	UPPER REAR LIGHTS LOCATION	002	At top of upper corner pillars
277-02	INTERIOR PASSENGER LIGHTING	NFI	NFIL LED lights, 24 VDC.
277-04	PASSENGER LIGHTING: OUTPUT INTENSITY	001	0% 1st bank on each side, 100% for the remaining banks.
277-07	EXIT BASEPLATE / ELEC PNL ACCESS	NFI	At each exit door, through removable ad frame.
277-0B	TINTED LED PASSENGER LIGHT COVERS	B2W	Blue for the 1st-2nd banks of lights on each side, the rest are white.
277-0C	FAREBOX LIGHT	SMT	One fixed LED light.
277-0F	DRIVER'S LIGHT	001	One sealed 2.5" white high output Smartrend LED light.
277-0K	SDS SERVICE LIGHT	2LL	Two LED lamps, one provided at upper front and one provided at upper rear of SDS enclosure.
277-0M	SDS SERVICE LIGHT SWITCH CONTROL	BSW	With switch.
277-0N	PROPULSION COMPARTMENT LIGHTS	4FC	Smartrend, four 1.38" LED lights. For Fuel Cell only.

Family	Family Description	Feature	Feature Description
277-0V	REAR DECK STEP LIGHT	LED	LED.
277-0W	INTERIOR DOOR HEADER LIGHTS, ANTI-GLARE SHIELD COLOR	BLK	With black anti-glare shield.
277-0Y	INTERIOR DOOR HEADER LIGHTS/ QUANTITY (ENTRANCE)	SGL	Single strip.
277-11	INTERIOR DOOR HEADER LIGHTS/ QUANTITY (EXIT)	SGL	Single strip.
277-13	EXIT AND ENTR MECH BOX SERVICE LIGHTS	SMT	Smartrend LED with switch, at basic locations.
277-14	EXIT AND ENTR MECH BOX SERVICE LIGHTS QUANTITY	ONE	1 at entrance, 1 at each exit door.
277-18	SIDE CONSOLE COMPT SERVICE LIGHT	LED	Smartrend LED light.
277-19	SIDE CONSOLE COMPT SERVICE LIGHT WITH SWITCH	BSC	Switch mounted with lamp assembly.
277-1A	REAR PLC AND FUSEBOX SERVICE LIGHTS	NFI	Provided, LED.
277-1N	ARTIC JOINT AREA LIGHTS	2AF	Two aft facing.
277-24	ESS AISLE LIGHT	L02	Aisle light mounted on the curbside wheelhouse at center axle.
277-27	ARTIC JOINT AREA LIGHT LENS COLOR	WHT	White
277-28	ARTIC JOINT AREA LIGHT DIMMING PRESET	S50	Dimming preset 50% on.
277-29	SIDE CONSOLE COMPT SERVICE LIGHT MOUNTING LOCATION	FRT	Front Structure
277-2B	HVAC DUCT ORIENTATION ON LIGHT PANELS	BSC	Curbside forward duct fixed pointed towards the aisle.
277-2D	INTERIOR LED LIGHT FUNCTIONALITY	001	All banks are dimmable. When doors are open, lights turn on to full intensity. When doors are closed, lights reduce to secondary output intensity.
280-01	PASSENGER SIGNAL CHIMES	2DE	Two electronic chimes, one above driver and one at rear exit. Chimes have a single tone which sounds once for regular activation, twice for wheelchair positions.
280-03	PASSENGER SIGNAL PULLCORDS	YLW	Yellow cords are required.

Family	Family Description	Feature	Feature Description
280-07	HORIZONTAL PASSENGER SIGNAL PULLCORDS	NFI	Set at NFIL designated basic height. All decks.
280-0A	FRONT UNIT VERT PULLCORDS, FOR 60'	002	Two: at second and third streetside pillars forward of the joint.
280-0B	REAR UNIT LWR DECK VERT PULLCORDS, FOR 60'	002	Two: at first street and curbside pillars forward of the face of the upper deck.
280-0D	SECUREMENT OF VERTICAL PULLCORDS	BSC	Looped or clamped to the horizontal depending on the location.
280-0T	PASSENGER SIGNAL TYPE AT WHEELCHAIR POSITIONS	PSH	Push button mounted to flip-up seat grab rail.
280-0U	PUSH BUTTON SIGNAL AT WHEELCHAIR POSITIONS	001	Push button only one on curbside wheel chair position and one on street side wheel chair position which is mounted to the under flip-up seat grabrail.
280-0V	PUSH BUTTON SIGNAL AT EXIT	010	Mounted facing aisle on center stanchion (ref. wide exit), low profile non-recessed button.
280-0W	PUSH BUTTONS, VERT AND SEAT STANCHIONS	VSF	Required on vertical stanchions, located C/S & S/S wheelchair barriers
280-19	PUSH BUTTON SIGNAL TYPE	NRQ	Not required.
284-01	ELECTRONIC CONTROL SYSTEM	NFI	Vansco.
284-02	SYSTEM VOLTAGE	NFI	24 VDC primary, 12 VDC secondary.
284-03	SWITCHES	NFI	Water resistant.
284-04	SPARE INPUT/OUTPUT PORTS FOR MULTIPLEX SYSTEM MODULES	NFI	Minimum 10% input and 10% output, per electrical panel location.
284-05	SIDE CONSOLE LIGHTING	LED	LED lamps.
284-06	HAZARD WARNING LIGHTS	NFI	Front, side and rear lights flash for hazard warning.
284-0B	SDS ELECTRICAL PANEL ORIENTATION	FSS	Facing streetside.
284-0D	SDS ELECTRICAL PANEL LOCATION	BSR	Mounted on backside of SDS rack.
284-0F	ENTRANCE DOOR CONTROLLER	B5P	Basic with 5 position settings.
284-0N	PROPULSION SYSTEM RESET SWITCH	NRQ	Not required.
286-01	INSTRUMENT PANEL	TCH	LCD touch display screen. Acrylic material with luminescent lighting, with Vansco Instrument Panel Cluster module.
286-02	SHIFT SELECTOR LOCATION	NFI	located on instrument panel.
286-03	EXTERIOR LAMP TEST	NFI	simultaneously depress both turn signals.

Family	Family Description	Feature	Feature Description
286-04	SPEEDOMETER	VMI	Part of Vansco instrument panel cluster. Set to display miles. With odometer (the display can be toggled to show Trip1, Trip 2, engine hours). Remove "engine hours" on battery buses.
286-05	AUDIBLE SOUND FOR TURN SIGNALS/HAZARDS	BSC	Using click sound for turn signal and for hazard warning.
286-0C	REGENERATIVE BRAKE DISABLE SWITCH LOCATION	DES	Inside destination sign compartment.
286-0D	SILENT ALARM	REQ	Required.
286-0F	SILENT ALARM SW LOCATION	SCA	At side console.
286-0P	DIAGNOSTICS PLUG LOCATIONS	012	Two diagnostic plugs under the front dash (left side of the steering column), at forward face of the SDS barrier (above driver), rear of the SDS rack, and on rear panel.
286-1R	DRIVER'S USB PLUG	SDS	Required in the SDS box.
286-20	FUEL CELL FREEZE PROTECTION SWITCH/LOCATION	DOP	Switch at driver's overhead controls panel.
289-01	SECUREMENT OF HARNESES	BSC	Hellerman tyton clamps, with Panduit releasable cable ties.
296-01	WIRING DECAL, REAR PLC AND FUSEBOX	NFI	Provided, laminated.
296-02	WIRING DECAL, SIDE CONSOLE	LSD	Laminated, installed on the inside of the SDS box door.
296-07	SIDE CONSOLE DOOR DECAL LANGUAGE	ENG	English
298-01	WATER TEST DURATION	010	10 minutes.
304-01	EXTERIOR PAINT TYPE	NFI	Axalta Imron Elite high solids polyurethane.
304-06	HIGH VOLTAGE SAFETY DECALS	REQ	Required.
304-07	CORROSION PROTECTION	18Y	Grit blasted frame, moisture cure zinc-rich primer (applied for 18 year protection), anti-chip undercoating, corrosion preventive coating sprayed inside frame tubes up to roof line.
304-0A	EXT DECALS, CUSTOMER SPECIFIC	REQ	Required. Customer to provide the Engineering paint group with specific requirements.
304-0D	INTERIOR DECALS, CUSTOMER SPECIFIC	REQ	Required.

Family	Family Description	Feature	Feature Description
304-0E	PASSENGER COMPARTMENT DECAL LANGUAGE	ESC	English / Spanish / Simplified Chinese. Passenger compartment decals are the decals within the area of the coach designed for the seating of passengers and that are intended primarily for passenger viewing.
304-0F	INTERIOR FLEET NUMBER DECALS	REQ	Required.
304-0G	MAINTENANCE DECAL LANGUAGE	ENG	English. Maintenance decals are the decals that will be referenced primarily when performing maintenance on the coach.
304-0H	KNEELING / RAMP DECALS	BSC	NFIL basic ramp & kneeling decal (red on white) and an arrow decal (red and black) provided near the kneeling / ramp deployment lights.
304-0J	AIR TANK DECALS	NFI	NFIL basic.
304-0M	EXT FLEET NUMBERS, NON-ROOF	RFL	Required (reflective).
304-0Z	INTERIOR LOGOS, NFI	REQ	NFI logos at standard location.
306-02	FIRE EXTINGUISHERS	5US	5 lb ABC class. With gauge, hose and mounting bracket. UL compliant for US customers.
306-03	FIRE EXTINGUISHER LOCATION	003	Mounted vertically on the aisle side of the upper forward face of the driver's barrier.
350-01	DRIVER'S PEDALS, POSITION / TYPE	T02542	(T), Pedals not adjustable fore/aft. Brake pedal angle set at 45 degrees from pedal to floor. Throttle pedal angle set at 45 degrees from pedal to floor. Includes provisions for adjustable pedal assembly.
350-04	BRAKE VALVES	NFI	E6.
350-07	TURN SIGNAL SWITCHES	BSC	Basic switches, floor mounted.
350-08	DIMMER SWITCH	BSC	Foot switch located beside side console panel.
350-0D	HAZARD WARNING LIGHT SW LOCATION	BTN	On side console with additional foot switch located between the turn signal switches.
350-0G	STEERING COLUMN	DAT	Douglas Autotech with tilt and telescopic features.
350-0H	STEERING WHEEL	20C	3 spoke, 20" diameter hard padded.
350-0M	DUAL HORN	BSC	Provided with splash shield.
350-0N	TURN SIGNAL BRACKET MATERIAL/FINISH	NRQ	Not required.
400-01	JACKING / LIFTING PADS	001	4" diameter round pads at front and rear chassis.
405-01	ARTICULATED JOINT	GHB	ATG, grey Hubner bellows.
420-02	EXTERIOR SIDE PANELS	NFI	Fiberglass.
420-03	REAR RF MOUNTED AIR SCOOP	SSP	Stainless Steel, painted per paint scheme.
420-04	STREETSIDE PROPULSION COMPT DOOR	WVY	With wavy screen.

Family	Family Description	Feature	Feature Description
420-05	CURB & STREET ENG,S/CONS DOORS,STRUTS	BSC	Supported by gas struts.
420-06	CURB & STREET ENG COMPT, BATTERY DOORS,LATCHES	CRM	Quarter turn chrome plated 5/16" square key latches. Also, used for the separate battery access door.
420-07	CURBSIDE PROPULSION COMPARTMENT DOOR	HE2	Solid door which includes battery disconnect switch access door (using gas strut). Also includes hydrogen fuel fill access door with quarter turn square keylocks.
420-09	DEFROSTER ACCESS DOOR LATCHES	CRM	4 quarter turn chrome plated 5/16" square key latches.
420-0B	BATTERY COMPARTMENT DOOR	SOL	Solid door located aft of the curb side rear wheel, separate from the engine compartment.
420-0F	SIDE CONSOLE DOOR LATCHES	CHR	Quarter turn chrome plated 5/16" square key quad latches.
420-0G	PROPULSION DOOR	SOL	Solid door with built-in handle.
420-0H	PROPULSION DOOR STRUTS	TWO	Two, the streetside strut has a locking mechanism.
420-0J	PROPULSION DOOR LATCHES	CHR	Quarter turn chrome plated 5/16" square key quad latches.
420-0M	REAR LICENSE PLATE RETENTION	002	Centered with bottom retainer and two upper inserts.
420-0P	RAIN GUTTER	NFI	0.44" cross section bonded. drain holes and plugs
420-0R	ROOF HATCH INSTRUCTION LANGUAGE	ESM	English / Spanish / Simplified Chinese.
420-0T	ROOF HATCH SIZE,FRONT	X24	24" X 24"
420-0U	ROOF HATCH TYPE,FRONT	BSC	Basic hatch/vent.
420-0V	ROOF HATCH VENDOR,FRONT	TRA	Transpec Worldwide.
420-15	ROOF HATCH SIZE,REAR	X36	24" X 36"
420-16	ROOF HATCH TYPE,REAR	SKY	Skylight.
420-17	ROOF HATCH VENDOR,REAR	SPH	Spheros Parabus.
420-18	RR ROOF HATCH (SKYLIGHT) FILM,TINT	18P	18 % Light Transmittance.
420-1B	WIPERS	002	Sprague motors 24 volt electric with Sprague wet arm wipers. Intermittent.
420-1E	WINDSHIELD WASHER BOTTLE	5US	5 US gallon with electric powered pump mounted using 4 weld nuts.
420-1F	WINDSHIELD WASHER FILL LOCATION	NFI	Accessed via a flip-out door built into the exterior side console access door.
420-1G	LOWER DRIVER'S VENT	REQ	Provided.
420-1H	FENDERS	MOL	Molded polyurethane.

Family	Family Description	Feature	Feature Description
420-1K	S1 WHEEL GUARDS	CFR	Required on curbside forward of rear axle.
420-1M	EXTERIOR UPPER REAR	PLO	Partially louvered style fiberglass door for rear HVAC.
420-1N	EXT UPPER REAR DOOR STRUTS	2CL	Two, curbside has locking mechanism.
420-1P	EXT UPPER REAR DOOR,LATCHES	CHR	Quarter turn chrome plate 5/16" square key latches.
420-1T	FRONT LICENSE PLATE LOCATION	CEN	On center of defroster door.
420-1U	FRONT LICENSE PLATE RETENTION	BOT	Bottom retainer, top inserts.
420-24	WIPERS, MOTOR ARM LENGTH	A01	34" long arm.
420-25	WIPERS, WIPER BLADE LENGTH	W01	26" long blade.
420-26	WIPERS, SPRAY STREAMS PER ARM	S02	2 streams per arm.
420-2A	CABIN COOLANT FILL DOOR	BSC	Basic hinged door.
420-2B	DRIP EDGE FOR REAR CROWN PANEL/HVAC DOOR	REQ	Drip Edge along the bottom edge of the Rear Crown Panel/HVAC door to divert water entering the engine/propulsion compartment.
420-2D	UPPER CORNER PILLAR DOOR LATCHES	BSC	Quarter turn chrome plate 5/16" square key latches.
421-01	INSULATION,SIDEWALL AND ROOF	POL	Polyisocyanurate foam. meets Docket 90 spec.
421-03	INSULATION, PROPULSION COMPARTMENT	ACO	Noise reduction acoustical foam, retained by perforated aluminum panels.
422-02	CEILING PNLS AFT OF FRT W/HS INCL RR PLC	WHT	Antique white plastic, SST trim.
422-03	CEILING / HVAC COVER PANELS ABOVE FRT W/HS	WHT	Antique White fiberglass.
422-04	HVAC RTN AIR GRILLE DOOR LOCK	1QL	2 quad latches.
422-05	ENTRANCE / DRIVER'S AREA PANELS COLOUR	BLK	Black. Includes dash, dest sign c/out, ent. mech. box, driver's o/head panels. and if used, ent. floor heat duct, frt. RH harness cover is black powder coated alum.
422-06	DRIVER'S CEILING PANEL MATERIAL	MEL	Melamine.
422-07	INTERIOR PIER PANEL MATERIAL	MEL	Melamine.
422-08	PIER PANEL COLOUR	WHT	Antique white

Family	Family Description	Feature	Feature Description
422-0A	INTERIOR LWR SIDEWALL MATERIAL	MEL	Melamine
422-0C	INTERIOR SIDEWALL MELAMINE	CHA	Charcoal Grey Gloss
422-0D	INTERIOR PROPULSION COMPT ACCESS PANEL	HIN	A single hinged panel under the rear seat
422-0E	INTERIOR UPPER REAR PANEL	CRG	Bulkhead panel covered with carpet / fabric material. With return air grille for RR mount HVAC system.
422-0F	CARPET / FABRIC,UPR REAR INT PANEL	BLK	Black Axis with 1/2" plywood backing.
422-0H	TRIM,CARPET/MELAMINE UPR RR INT PANEL	STE	Painted steel to match panel.
422-0K	C/S,S/S RR BULKHEAD ACCESS PANELS	CPT	Carpeted DB plywood.
422-0M	HRNS/AIR LINE COVERS AT UPPER DECK	PFB	Painted flat black.
422-0N	FRT DEST SIGN DOOR LATCHES	SQL	Short wing quad latches.
422-0P	DRIVER'S OVERHEAD PANEL	NFI	With locker.
422-0R	DRIVER'S LOCKER LATCH	SQL	Short wing quad latch.
422-0T	DRIVER'S COAT HOOK AND STRAP	FWD	Located on the forward face of the harness cover behind the driver.
422-0U	SECURE DIAGNOSTIC STATION	004	Above street side front wheelhouse. Incorporates driver's barrier. With fiberglass, flat panel, instead of Take One pockets.
422-0V	SDS ENCLOSURE COLOUR	BLK	Flat Black.
422-0W	SDS ENCLOSURE DOOR LATCHES	011	Two 5/16" sq key quad latch, paddle latch (CH751 key) in center.
422-13	FRONT SUNVISOR / ROLLERBLINDS	G01	Grey rollerblind. Scissor type with 20" travel.
422-14	SIDE SUNVISOR/ROLLERBLIND	G01	Grey rollerblind. Scissor type with 20" travel. 38" width.
422-15	SQUARE KEY T-HANDLE	SL2	Shipped loose T Handle and Clip.
422-16	ENTRANCE MECHANISM BOX DOOR LATCH	2SW	Two short wing quad latches.
422-18	GRAB HANDLE NEAR FRONT ROOF HATCH	REQ	Required.
422-19	FLOOR HEAT DUCT MATERIAL	LEA	Leathergrain textured SST.
422-1A	ARTICULATED JOINT CLOSEOUTS	PEW	Pewter Grey.

Family	Family Description	Feature	Feature Description
422-1B	C/S,S/S REAR BULKHEAD ACCESS PANELS, OPENING METHOD	REM	Removable access panels.
422-1R	FRONT DASH, ACCESS PANEL LATCH	BSC	Quarter turn, black powder coated 5/16" square key quad latches.
422-1W	INTERIOR UPPER REAR PANEL, TRIM OPTIONS	FLT	Flat Trim Design
422-21	INTERIOR UPPER REAR PANEL, OPENING METHOD	HGS	Hinged at top, held open with gas struts.
422-22	INTERIOR UPPER REAR PANEL, LATCHES	001	5/16" square key quad latch.
422-23	REAR PLC ENCLOSURE, LATCHES	001	5/16" square key quad latch.
423-0A	AD FRAME, SDS ENCLOSURE, VENDOR	CUS	Customer supplied.
423-0C	AD FRAME, SDS ENCLOSURE, REAR	S17	One 19.5" x 25.5" powered ad display.
450-02	FLOORING	SPA	Lower deck uses SpaceAge composite flooring. Upper deck uses fiberglass composite for step and floor to the rear wheelhouses and SpaceAge composite flooring to the rear.
450-03	DRIVESHAFT / TRANSMISSION / DRIVE MOTOR ACCESS PANELS	3CC	Three panels set in the floor to access the driveshaft, transmission/drive motor and on the composite step to access air compressor.
450-06	ALTRO FLOOR COVERING	009	Storm TFM 27903 (2.7 mm / 0.11" thick), for aisle and underseats.
450-0A	STEP TO UPPER DECK	YLW	Yellow anti-slip coating is applied to the edges and vertical faces of the step.
450-0B	FRONT AXLE STANDEE LINE	WHI	One white flooring safety line provided fore of the hump at the front axle.
450-0C	ENTRANCE NOSING	B01	Nosing is 2" wide yellow anti-skid applied to the ramp.
450-0D	EXIT NOSING	ALT	2.5" yellow nosing for Altro / Tarabus flooring.
450-0F	REAR SEAT RISER COVERING MATERIAL	B01	Same material and colour as used for the flooring.
450-0G	GRIT FLOORING AT ARTIC JOINT	BLY	Black non-aggregate anti-slip coating with yellow rubber lip.
450-0J	DRIVER'S PLATFORM FLOORING	A09	Altro, Storm TFM 27903 (2.7 mm / 0.11" thick)
450-0K	DRIVER'S PLATFORM TRIM	SST	SST.
450-0M	OUTER WHEELHOUSES	B01	SST front and rear.

Family	Family Description	Feature	Feature Description
450-0N	INTERIOR FRONT W/HOUSE (LUGG RACK) COLOURS	BFM	Black FMJ. An LED aisle light is provided on the streetside. Also, SST scuff guards are provided.
450-0T	TRIM UPPER DECK	ALU	Aluminum.
450-0W	ARTIC JOINT FLOOR SUPPORT	RIV	Gussets to be riveted to structure.
450-13	INTERIOR FRONT W/HOUSE (LUGG RACK), SCUFF GUARDS	BSC	Standard height scuff guard
450-14	EXIT DOOR, WHEELHOUSE AND UPPER DECK TRIM, MATERIAL	ALU	Aluminum Trim
460-01	WINDSHIELDS	72B	72% light transmittance green laminated. With blue shade band for street and curb sides.
460-02	WINDSHIELD PROTECTIVE FILM	REQ	Required for coach delivery beyond a 500 mile radius of Final Assembly.
460-04	PASS / DRVR'S WINDOWS MANUFACTURER	AGF	Arow Global flush mounted.
460-05	FLUSH PASSENGER WINDOWS	FIX	Fixed, non-opening.
460-07	SDS WINDOW	FFG	Full fixed picture window supported by gas strut. Glazing matches passenger window, fully masked on interior side.
460-08	FLUSH WINDOW GLAZING	F05	Grey, 13% light transmittance, tempered.
460-0C	WINDOW FRAME COLOUR	BLK	All window frames are black anodized.
460-0D	WINDOW EMERGENCY EGRESS	NFI	Minimum quantity based on FMVSS requirements, local, state/provincial, federal regulations or customer spec whichever is greater.
460-0E	SIDE DESTINATION SIGN WINDOWS	CSN	Curb side. Fixed clear top and fixed bottom. Bottom matches passenger window glazing. (review 470 for side sign details).
460-0G	WINDOW GLAZING REPLACEMENT	BSC	Basic replacement.
460-0J	PASS WINDOW THICKNESS	5MM	5 mm.
460-0K	DRIVER'S WINDOW, FLUSH	DHN	With dual sliding sashes, exterior and interior handles (handle style). Non-egress.
460-0P	DRIVER'S WINDOW GLAZING	TEM	Tempered with minimum 70% light transmittance.
470-01	DESTINATION SIGNS MFR	TVS	Twin Vision Smart Series, LED display system.
470-02	DEST SIGN CONTROL UNIT LOCATION	OVR	Under driver's overhead panel at forward position of sawtooth panel.

Family	Family Description	Feature	Feature Description
470-05	TWIN VISION FRT.DEST.SIGNS	A01	Smart Series 3, sterling LED silver, 16 x 160.
470-07	FRONT DESTINATION SIGN GLASS	LAM	Laminated.
470-0A	CURB SIDE DESTINATION SIGN LOCATION	2WI	At the second window, aft of the entrance door.
470-0C	TWIN VISION CURBSIDE DEST.SIGNS	A02	Smart Series 3, Sterling LED, silver, 14 x 112 (42.25" wide display).
470-0H	REAR ROUTE SIGN, LOCATION	UCS	At the upper curb side.
470-0K	TWIN VISION REAR ROUTE SIGNS	A03	Smart Series 3, LED, white (silver) 16 X 48.
470-0P	AVA / AVL SYSTEM	INT	INIT system
470-10	AVA/AVL LED SIGN LOCATION	ART	Required on the HVAC overhead enclosure at front and on the ceiling mounted rear of the artic joint.
470-11	AUTO VEHICLE MONITORING SYSTEM (AVM)	FMA	Fuel Master
470-13	AVM, FUEL MANAGEMENT LOCATION	DES	Module located at curbside destination sign.
470-16	NEW FLYER CONNECT-DIAGNOSTIC & MONITORING SYSTEM	WOD	Required without driver maneuver awareness system (DMAS).
470-1P	AVA/AVL LED SIGN	003	Init PIDMOBILE3 LED Display sign, 8x96 pixel, 16 characters. Supplied by Init. Cutout Size 28.97" X 2.56".
470-20	NF CONNECT SUBSCRIPTION TERM	002	2 years.
470-22	GEOFENCE REQUIREMENT	NRQ	Not required
480-02	EXTERIOR MIRROR MANUFACTURER	HAD	Safe Fleet
480-03	EXTERIOR SS MIRROR GLASS STYLE	2PC	2/1 (upper portion is flat, lower portion is convex).
480-04	EXTERIOR SS MIRROR GLASS SIZE	815	8" x 15"
480-05	EXTERIOR SS MIRROR HEATING REQUIREMENTS	REQ	Heated.
480-06	EXTERIOR SS MIRROR POWER OPTIONS	DUR	Dual remote control. (The upper and lower portions are remote controlled.)
480-08	EXTERIOR SS MIRROR ARM FUNCTIONALITY	CFR	Cast friction. Mirror arm is a friction fit, which is a pre-defined by NF.

Family	Family Description	Feature	Feature Description
480-09	STREET SIDE MIRROR MOUNT	LOW	Low mount.
480-0E	EXTERIOR CS MIRROR GLASS STYLE	2PC	2/1 (upper portion is flat, lower portion is convex).
480-0F	EXTERIOR CS MIRROR GLASS SIZE	913	9" x 13"
480-0G	EXTERIOR CS MIRROR HEATING REQUIREMENTS	REQ	Heated.
480-0H	CURB SIDE MIRROR POWER OPTIONS	DUR	Dual remote control. (The upper and lower portions are remote controlled.)
480-0K	EXTERIOR CS MIRROR ARM FUNCTIONALITY	C05	Cast detent pre-set to a 5 degree angle.
480-0V	STREET /CURB SIDE MIRROR W/TURN SIGNAL	BMH	LED, mounted at back of mirror head.
480-11	STREET / CURB SIDE HEATED MIRROR ACTIVATION	DEF	Heat for mirrors turned on when the defroster is turned on.
480-13	DRIVER'S REAR VIEW MIRROR	BFL	8" x 15", black, flat.
480-14	SPOT MIRROR	6DF	6" diameter flat mirror with short arm, located at curbside front.
480-15	EXIT DOOR MIRROR	12C	Convex, 12" diameter, mounted on curved modesty panel stanchion.
480-26	STREET/ CURB SIDE MIRROR ARM MATERIAL	CAL	Cast aluminium.
490-01	ENTRANCE DOOR DRIVE SYS	ELC	Electric
490-02	ENTRANCE DOOR	VAP	Vapor slide glide.
490-03	ENTRANCE DOOR LIMIT SWITCH SET-UP	PRX	Solid state proximity switch.
490-04	ENTRANCE EMERGENCY RELEASE VALVE	PVD	Within mech box.
490-05	ENTRANCE DOOR MAGNETIC DUMP VALVE	REQ	required, located at baseplate venting entrance door
490-07	ENTR/EXIT FRANG.COVER,LANGUAGE	FSM	English, Spanish, Simplified Chinese.
490-09	ENTRANCE DOOR COLOUR, INTERIOR	BLK	Black
490-0B	ENTRANCE DOOR HANDLES	YLW	Yellow powder coated.
490-0K	ENTRANCE DOOR GLAZING	BSC	Full length single piece, 72% green.
490-0V	ENTR/EXIT FRANG.COVER	PER	Perforated cover.

Family	Family Description	Feature	Feature Description
490-0W	ENT AND EXIT DOORS, INTERIOR AND EXTERIOR PANEL COLOR	BLK	Black Powder Coat
491-01	EXIT DOOR DRIVE SYS	ELE	Electric with pneumatic emergency release.
491-02	EXIT DOOR	2WD	2 curbside exit doors, one each at front and rear units. Wide Ameriview Vapor Slide Glide, 45.2" between panels.
491-03	SLIDE GLIDE EXIT LIMIT SWITCH	PRX	Solid state proximity switch.
491-04	EXIT DOOR CONTROL	CLA	Vapor Class Acoustic Sensing System. Activates door opening and detects obstruction on closing.
491-05	CLASS SYSTEM INSTRUCTION DECAL	ESM	English, Spanish, and Simplified Chinese, text and characters as per customer requirement.
491-0D	EXIT DOOR SENSITIVE EDGE	SVE	Pneumatic sensitive vertical edge sensor provided at all exit doors.
491-0H	EXIT FRANGIBLE COVER SECUREMENT	MAG	Magnetic latch.
491-0M	EXIT DOOR ASSIST HANDLES	004	Yellow powdercoated, UPA-3 Aluminum
491-0P	EXIT DOOR GREEN LIGHT	LED	LED green light indicates that the exit door is set to open.
491-0T	EXIT DOOR ALARM	B01	Buzzer and red 'rear door open' indicator at the instrument panel activated when the sensitive edge is triggered.
491-0U	EXIT DOOR GLASS SIZE	FUL	Full length.
491-0V	EXIT DOOR GLAZING	T02785	(T),6 mm, Green, 9% light transmittance, tempered.
491-12	EXIT DOOR GREEN LIGHT MOUNTING ORIENTATION	HOR	Exit door green light mounted horizontally on baseplate
526-03	60' PASSENGER SEAT QUANTITY	TXXXX	40
526-04	PASSENGER SEAT MANUFACTURER	USS	STER Seating
526-05	STER PASSENGER SEAT MODEL	GEM	Gemini seats.
526-09	REAR BENCH SEAT	NFI	1-3-1 hinged seat.
526-0A	PASSENGER SEAT MOUNTING	CAN	Cantilever
526-0B	SEAT MOUNTED GRABRAIL	THE	Thermoplastic
526-0C	FIRST SEAT, CURBSIDE UPPER REAR	FFA	Forward facing.
526-0D	FIRST SEAT, STREETSIDE UPPER REAR	FFA	Forward facing.

Family	Family Description	Feature	Feature Description
526-0F	PASSENGER SEATING BARRIER	INT	Integrated with restraint system.
526-0G	SEAT POSITION, FORWARD OF REAR EXIT	FFA	Forward facing.
526-0J	SEAT FWD OF ARTIC JOINT AREA	SAF	Single aisle facing on each side.
526-0N	SEAT AFT OF ARTIC JOINT AREA	004	CS 2 passenger forward facing seats.
526-0U	RECARO DRIVER'S SEAT MODEL	B01	Ergo AM80
526-0W	DRIVER'S SEAT COVER	VNL	All vinyl.
526-0Y	DRIVER'S SEAT BELT	LHS	Lap belt with retractor on left hand side.
526-10	DRIVER'S SEAT BELT COLOR	BLK	Black
526-14	DRIVER'S SEAT BASE RISER MATERIAL	BLK	Black powdercoated steel.
526-18	WHEELCHAIR POSITIONS, QUANTITY	B01	Two. At basic locations, one aft of the curbside and one aft of the streetside front wheelhouses.
526-19	CS WHEELCHAIR RESTRAINT SYSTEM	QPD	Q'POD forward facing barrier with integrated wheelchair restraint.
526-1A	SS WHEELCHAIR RESTRAINT SYSTEM	QPD	Q'POD forward facing barrier with integrated wheelchair restraint
526-1D	SHOULDER HARNESS, W/CHR RESTRAINTS	INT	Integrated with Q-Pod restraint system.
526-1F	STANCHION / GRABRAIL STYLE	CUR	Curved style vertical stanchions. Using cast SST fittings for vertical and horizontal stanchions.
526-1G	OVERHEAD HORIZONTAL GRABRAILS	SST	SST
526-1H	OVERHEAD GRABRAIL HANDHOLD STRAPS	GRY	Flexible grey PVC straps, secured to horizontal stanchions, locations as per customer spec.
526-1J	OVERHEAD GRABRAIL HANDHOLD STRAPS, QUANTITY	012	Twelve
526-1K	COLOR - STANCHIONS AT EXITS & RR RISER STEP	YLW	Yellow SST
526-1M	VERT FORE OF S/S FRT W/HOUSE	BLK	Black SST
526-1N	VERT AFT OF S/S FRT W/HOUSE	T03467	Black SST.
526-1P	VERT FORE OF C/S FRT W/HOUSE	BLK	Black SST

Family	Family Description	Feature	Feature Description
526-1R	VERT AFT OF C/S FRT W/HOUSE	SEA	To match colour of vertical seat stanchions (see option 526-1T).
526-1T	COLOR - VERTICAL STANCHIONS AT SEATS	SST	SST
526-1U	CENTERED STANCHION FOR WIDE EXITS	YLW	Yellow SST.
526-1W	GRABRAILS AT WHEELCHAIR POSITIONS	SST	SST, under flip-up seats (type and locations as per customer spec).
526-1Z	ARTIC JOINT HANDHOLD / GRABRAILS	CTR	Center hoop mounted grabrails.
526-20	ARTIC JOINT GRABRAIL COLOUR	YLW	Yellow SST
526-22	FRONT CURBSIDE LUGGAGE RACK	001	Horizontal tube wrapping around fore, aisle, and aft sides
526-23	FAREBOX GRABRAIL STYLE	001	Basic grab rail.
526-25	MODESTY PANEL MATERIAL	MEL	Melamine.
526-26	MODESTY PANEL MELAMINE COLOR	CGG	Charcoal Grey Gloss.
526-27	C/SIDE FORE UPR DECK MOD PNL, GAP	NFI	Approximately 2" diagonally.
526-29	BARRIER AT STREET SIDE REAR RISER	MOD	Modesty panel (material and color per 526-25/526-26).
526-2A	BARRIER FWD OF JOINT	MOD	Modesty panels at forward closeouts of articulated joint. Stanchion color to match vertical stanchions at seats (526-1T). Modesty panel material & color per 526-25/526-26.
526-2M	BARRIER FWD OF EXIT(S)	UPB	Upper panel, 0.5" clear polycarbonate, basic width.
526-2R	BARRIER REAR OF JOINT	BLK	Padded stanchions at aft closeouts of articulated joint. Stanchion color to match vertical stanchions at seats (526-1T). Padding color is black.
526-2T	EMERGENCY INSTRUCTIONS	ESM	English / Spanish / Simplified Chinese.
526-2Y	CTR AXLE BARRIER	MOD	Modesty panel both at curbside and streetside. Material & color per 526-1Z/526-20. Stanchion color per 526-1T.
526-32	DRIVER'S SEAT, FORE/AFT SEAT TRAVEL	FA4	The fore / aft seat travel is 11".
526-37	FRONT CURBSIDE LUGGAGE RACK COLOR	BLK	Black
526-3B	FAREBOX GRABRAIL COLOR	BLK	Black
526-3V	SEAT FWD OF REAR BENCH SEAT	FWD	Forward facing.

Family	Family Description	Feature	Feature Description
549-01	HVAC UNIT 1	TK6	Thermo King RLFE rooftop A/C unit. Safety-Walk is provided for rooftop units.
549-02	HVAC UNIT 2	TK8	Thermo King TE15 rear A/C unit.
549-04	HVAC UNIT MOTOR TYPE	NFI	Brushless motor for primary heating & cooling system.
549-05	REFRIGERANT	407	R-407C freon.
549-06	HVAC AIR INTAKE	AIR	Recirculated air only.
549-07	HVAC RETURN AIR FILTER	M10	TK Dacron MERV 10 (disposable) 1" filter.
549-0A	HVAC PULLDOWN SPEC	PD2	Will meet the APTA 115F TO 95F Pull Down, 20 minute time limit test requirements and any less stringent test requirement inside the temperature range. (ex. 110F to 95F in 20 minutes or 115F to 95F in 30 minutes).
549-0C	HVAC SYSTEM VALVES	BVB	Brass ball valves with basic handles.
549-0D	A/C AND HEATER LINE CLAMPS	IDE	Ideal.
549-0E	A/C COMPRESSOR	TND	Electric driven compressors integrated into the main HVAC unit.
549-0J	HVAC ELECTRONICS	TK1	Thermo King Intelligaire 3, valid for A/C or heater units. With limited diagnostic capabilities.
549-0K	HVAC CONTROL PANELS	TKH	Thermo King, installed at the HVAC unit.
549-0N	A/C PRESSURE READINGS	TK1	Obtained via the Thermo King Intelligaire 3 control panel.
549-16	BOOSTER PUMP	ROT	Rotron
549-1A	DEFROSTER	004	BCC 3 speed brushless SPAL blower, plastic end-caps, electrically controlled damper with on/off interlock.
549-1E	AUXILIARY/CABIN HEATER	EV1	Valeo Thermo DC 200 (20 kw) @ 690V electric heater.
549-20	FRONT CURB SIDE FLOOR HEATER SYSTEM	MS2	BCC unit with low noise Spal blower. The casing is SST with plain finish with black plastic end caps. (note: exact position may be dependant on seating layout.)
549-21	REAR CURB SIDE FLOOR HEATER SYSTEM	MS2	BCC unit with low noise Spal blower. The casing is SST with plain finish with black plastic end caps. (note: exact position may be dependant on seating layout.)
549-22	FRONT STREET SIDE FLOOR HEATER SYSTEM	MS2	BCC unit with low noise Spal blower. The casing is SST with plain finish with black plastic end caps. (note: exact position may be dependant on seating layout.)
549-23	REAR STREET SIDE FLOOR HEATER SYSTEM	MS2	BCC unit with low noise Spal blower. The casing is SST with plain finish with black plastic end caps. (note: exact position may be dependant on seating layout.)
580-01	FRONT WHEELCHAIR RAMP	SMP	NFIL electric SmartRider Ramp at front door. 32" wide, with constant slope boarding and 1:6 slope capability.
580-02	FRONT RAMP CONTROL	SWI	Ramp switch at driver's instrument panel.

Family	Family Description	Feature	Feature Description
580-08	WHEELCHAIR RAMP,SURFACE	FMJ	Covered with Full Metal Jacket anti-skid treatment. The leading edge is yellow FMJ, the side flanges are painted yellow.
580-0G	KNEELING/RAMP DEPLOYMENT WARNING BEEPER	MED	IP68-rated beeper, medium loud fast beep.
580-0H	FRONT KNEELING/RAMP DEPLOYMENT WARNING BEEPER LOCATION	BSC	Curbside under front mask.
600-05	BACK-UP ALARM	BSC	Basic alarm located on curbside.
600-0C	INTERIOR FAN(S),MANUFACTURER	12V	Bergstrom, 12 volt.
600-0D	INTERIOR FAN(S) FAN COLOR	BLK	Black
600-0E	DASH FANS,QTY AND LOCATION	008	One fan, 3.5" right of center.
600-0G	FAN UNDER FRT DEST SIGN COMPT	LCL	At approx. 41.25" to the left of center.
600-0J	SDS TRAY QUANTITY	003	Three trays total.
600-0M	FAREBOX PEDESTAL	BSC	Stainless Steel Material. Length = 26.56"; Front fore length = 12.36"; Width = 13.96"; Height = 6"
600-0N	FAREBOX	GF8	Genfare Transview 150
600-0P	FAREBOX,SUPPLIED BY	002	Supplied and installed by customer.
600-0R	FAREBOX POSITION / HOLES	NFI	Located in NFIL preferred position whether installed by NFIL or by customer.
600-1B	NAME PLATE HOLDER	REQ	Required.
600-1F	DRIVER'S STORAGE BOX BEHIND SEAT	PDL	Basic box with paddle latch, no key.
600-1M	TAKE ONES,CURBSIDE LUGG.RK.	T02215	(T),Schedule holder, mounted on curbside front wheelhouse. Customer supplied.
600-1R	REGISTR/MAINT HOLDER	005	One 9.5"x6" polycarbonate registration holder
600-22	DRIVER'S TICKET BOX/TRANSFER CARD HOLDER	CUS	Required, details and location as per customer spec. Customer supplied.
600-23	COFFEE CUP HOLDER/TRAY	CH5	Customer supplied.
600-24	TRASH CONTAINERS	001	Require with mounting hardware only and or shipped loose.
600-26	RADIO,COMMUNICATION SYSTEM	AVA	Included in the AVA/AVL system.
600-29	TRAFFIC SIGNAL CONTROL SYSTEM	G02	Model 2101 computer connected to GPS based system required.

Family	Family Description	Feature	Feature Description
600-2G	VIDEO SURVEILLANCE SYSTEM	CIE	Interior and exterior cameras.
600-2H	VIDEO SURVEILLANCE SYSTEM,MFR	SEO	Safe Fleet (Seon system)
600-3V	BICYCLE RACK MANUFACTURER/MODEL	A2F	Sportworks,APEX2, front mounted.
600-3W	BICYCLE RACK MOUNTING	QUI	TSB (ten second bracket) quick release slide-in standoff with incorporated pivot.
600-3Y	BICYCLE RACK REMOVAL	BOL	Bolted rack.
600-3Z	BICYCLE RACK MATL/COLOR	SAT	SST, satin anti glare finish.
600-42	BICYCLE RACK INSTRUCTIONS	ESM	English / Spanish / Simplified Chinese
600-43	HYDROGEN DETECTION	AMS	Amerex Safety Net System.
600-47	HYDROGEN DETECTOR LOCATIONS	008	Four detectors on the roof, one in the propulsion compartment, one in the A/C compartment, and two in the interior cabin (one in front unit and one in rear unit).
600-4Y	PASSENGER USB CHARGERS	REQ	Required.
600-4Z	PASSENGER USB CHARGER LOCATION	SEA	Incorporated (where available) into seats.
600-54	A-PILLAR CAMERA & MONITOR	SFL	Safe Fleet camera and monitor located on driver's A-Pillar. Camera is mounted externally, and monitor is mounted on the interior of the A-Pillar.
600-5A	AUTOMATIC PASSENGER COUNTER SYSTEM	FUL	Full system.
600-5B	AUTOMATIC PASSENGER COUNTER VENDOR	IR1	IRIS/IRMA (stand-alone system)
600-5K	AUTOMATIC PASSENGER COUNTER (APC) EXIT DOOR BASEPLATE SENSOR, QTY	ONE	One
600-5M	IRIS/IRMA AUTOMATIC PASSENGER COUNTER (APC) MODEL	IRM	Matrix
600-64	NAME PLATE HOLDER MANUFACTURER	H05	Driver's nameplate holder, customer supplied.
600-65	NAME PLATE HOLDER LOCATION	C02	Left of center of the destination sign door.
600-67	REGISTR/MAINT HOLDER LOCATION	007	Mounted on street side of SDS enclosure behind driver.
600-68	TRASH CONTAINERS LOCATION	CSR	Front of C/S luggage rack, inside rack

Family	Family Description	Feature	Feature Description
600-6F	FAREBOX PEDESTAL TREATMENT	BFM	Black full metal jacket.
600-6H	FAREBOX ORIENTATION	FED	Facing entrance door.
600-6R	COFFEE CUP HOLDER/TRAY LOCATION	CL8	At MDT mount.
600-71	TAKE ONES, CURBSIDE LUGG.RK, HOLDER SIZE	S04	5 x 10 x 9
600-77	DASH FANS, SWITCH LOCATION	001	At side console.
600-79	FAN UNDER FRT DEST SIGN COMPT, SWITCH LOCATION	001	At side console.
600-81	ANTENNA	REQ	Required.
600-84	H2 FILL STATION COMMUNICATION	IRD	Communication between bus and fill island done via infrared (IRDA) transmitter connected to TN1 fast fill receptacle.