



CITY OF NORMAN, OK CITY COUNCIL COMMUNITY PLANNING & TRANSPORTATION COMMITTEE MEETING

Municipal Building, Executive Conference Room, 201 West Gray, Norman,
OK 73069

Thursday, March 28, 2024 at 4:00 PM

AGENDA

It is the policy of the City of Norman that no person or groups of persons shall on the grounds of race, color, religion, ancestry, national origin, age, place of birth, sex, sexual orientation, gender identity or expression, familial status, marital status, including marriage to a person of the same sex, disability, relation, or genetic information, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination in employment activities or in all programs, services, or activities administered by the City, its recipients, sub-recipients, and contractors. In the event of any comments, complaints, modifications, accommodations, alternative formats, and auxiliary aids and services regarding accessibility or inclusion, please contact the ADA Technician at 405-366-5424, Relay Service: 711. To better serve you, five (5) business days' advance notice is preferred.

CALL TO ORDER

AGENDA ITEMS

1. PUBLIC TRANSIT REPORT.
2. PRESENTATION REGARDING LOCATIONS WITH THE HIGHEST NUMBER OF ACCIDENT AND FATALITY COLLISIONS

ADJOURNMENT



MEMO TO: Council Community Planning and Transportation Committee

FROM: Taylor Johnson, Transit and Parking Program Manager

THROUGH: Scott Sturtz P.E., CFM, Interim Director of Public Works

DATE: March 28, 2024

SUBJECT: Public Transportation Monthly Report

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Purpose

The Public Transportation Monthly Report provides updates to City Council on public transit related items. In addition to the updates provided below, attached is the EMBARK Norman Performance Report and the Norman On-Demand Performance Report for the previous month. These reports provide updates on key metrics associated with the operations of each respective transit system.

Updates

Go Norman Transit Plan (City of Norman Transit Long Range Plan Update)

- The Go Norman Transit Plan was approved by resolution by Council on June 22nd, 2021. Staff are continuing to move forward on the next steps as recommended in the plan. Recent work includes: *Fleet Maintenance & Vehicle Procurement (upgrades and standardization)*
 - City Fleet Maintenance staff continue to ensure that the transit fleet is in operational condition each morning for line up, despite the age of the vehicles that the City inherited.
 - The City's Transit Fleet includes 27 revenue vehicles, 13 in the fixed-route fleet and 14 in the paratransit fleet. Unfortunately, even accounting for replacement vehicles that have been accepted so far, 13 out of 27 (4 of 13 in the fixed route fleet; 10 of 14 in the paratransit fleet) of the revenue vehicles used in the City's transit fleet have met their useful life and are eligible to be retired according to FTA requirements.
 - There are ongoing purchases for replacement vehicles in progress, and once all of these ordered vehicles have been delivered it is expected the City will only have 9 out of 27 (3 out of 13 in the fixed route fleet; 6 out of 14 in the paratransit fleet) of the revenue vehicles used in the City's transit fleet which have met their useful life and are eligible to be retired according to FTA requirements. Staff are working on an order for an additional 6 paratransit vehicles which will, when delivered, leave 3 fixed-route vehicles remaining in the transit revenue fleet in need of replacement.
 - The City is currently in the process of purchasing 5 paratransit vans and because of supply chain and warranty delays, the first two of these vehicles were delivered on December 15, 2023. These vehicles will undergo final inspections and processing before being put into service to replace vehicles that have already been decommissioned. Two additional vehicles from this order were delivered on 2/2/2024, however these were found to have unfinished warranty work and have been temporarily returned to the vendor as of 2/8/2024 to correct the issues. The fifth vehicle from this order was delivered on 2/7/2024. Below is background on this purchase:
 - On December 14, 2021 the City Council passed and adopted resolution R-2122-72 transferring \$346,703 from the Capital Fund Balance to be matched with \$122,812 from the Public Transit and Parking Fund to be used to replace 5 paratransit vehicles in the Transit Fleet for a total of \$469,515.
 - Due to ongoing supply chain issues the price of the vehicles had increased, however staff were able to identify additional FTA grant funding allocated to Norman to supplement the cost increase and decrease the amount of local match that was provided from the Public Transit and Parking Fund. Resolution R-2122-98 was approved by Council on March 8, 2022 transferring an additional \$149,454 (for a total cost of \$584,655) to cover the cost increase. FTA grant OK-2020-026 will be amended to \$496,157 leaving a local match of \$88,508 (a reduction in the local matching funds of \$34,304.)

On June 26, 2023 FTA awarded the City's grant application to the FTA's Bus and Bus Facilities (5339b) and Low- or No-Emissions Grants program to purchase 6 CNG cutaway buses for fleet replacement. Staff are currently working on developing specifications for these vehicles and anticipate bringing a request to Council this spring for acceptance of the grant and procurement of these vehicles. On February 9, 2024 the City Manager approved the purchase of two support vehicles on the state contract using funds available in the Public Transportation Fund which were budgeted for vehicle replacement.

New Route Network

City Transit staff continue to monitor and ensure the smooth transition to the new route network by working with other City staff, EMBARK staff, citizens, local organizations, and Councilmembers to



office memorandum

identify and resolve concerns arising from the new route network.

Service Expansion Priorities

Now that the new route network has been implemented, City Transit staff are reviewing and evaluating the next priorities recommended by the Go Norman Transit Plan. The first three expansion recommendations from a total of eight recommendations are as follows:

- Priority 1: Sunday Service – This service expansion responds to rider requests for Sunday service. Sunday service span and trip frequencies would match Saturday service levels. Sunday transit service is currently being tested as part of the Norman On-Demand microtransit pilot program.
- Priority 2: Increased Frequency on Route 112 – This service expansion upgrades the trip frequency of Route 112 (West Lindsey) from 60 minutes to 30 minutes. Ridership on this route has increased 75-110% since the new route network was implemented. Staff have submitted a budget request for FYE 2025 to implement this service expansion.
- Priority 3: Increased Frequency on Route 110 – This service expansion upgrades the trip frequency of Route 110 (Main St/24th Ave NW) from 60 minutes to 30 minutes. While ridership for this route has decreased 40% since the new route network was implemented, the planned developments along 24th Ave NW are expected to increase ridership along this route as well.

Grants

- Staff continue to research eligible grants to support existing operations, vehicle needs, and future improvements.
- On December 12, 2023 Council approved contract K-2324-105 with the Oklahoma Department of Transportation (ODOT), accepting funds from the fiscal year 2024 State of Oklahoma Public Transit Revolving Fund. This allocation is based on mileage from the previous fiscal year and the City of Norman was allocated \$207,400 for fiscal year 2024.
- On February 15, 2024, the Association of Central Oklahoma Governments (ACOG) awarded The City of Norman \$1,078,880 in Public Fleet Conversion Grant Program funding which will require a local match of \$269,270 (which has been identified in the Public Transportation Fund) to install pantograph EV bus charging infrastructure at the Norman Transit Center. This overhead infrastructure will allow the City's battery electric buses to rapidly recharge while stopped at the Transit Center during operation thereby extending the time before these EV buses need to return to the Transit maintenance facility to fully recharge. The total cost of this project is estimated to be \$1,348,600.

Microtransit Pilot Program with Via Transportation – Norman On-Demand

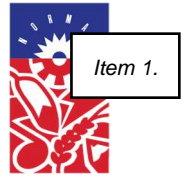
- Following a study to determine the best plan for establishing a microtransit pilot program in the City of Norman, staff conducted a competitive bid process for a turnkey pilot program. The proposal from Via Transportation was determined to be the best suited to the needs of Norman. Contract K-2223-164 with Via Transportation was approved unanimously by council on June 27, 2023.
- After discovering the University of Oklahoma was interested in collaborating on microtransit services with the renewal of their SafeRide program, staff worked to amend the agreement with Via to include that collaboration. On August 8, 2023 Council approved both Amendment 1 to contract K-2223-164, and Contract K-2324-50 with the University of Oklahoma for microtransit services.
- Website updates and the end user app both went live on August 16, 2023 and the microtransit service launched as planned on August 21, 2023. More details can be found in the attached monthly performance report for this service, named Norman On-Demand.
- A review of this pilot program was presented for Council's consideration at the Council study session on February 27, 2024, and staff are following up on feedback to expand the program for the remaining of the existing contract and to renew the contract into FY25.

Conclusion

Thank you for your review of these updates and attached monthly performance reports. Staff are prepared to answer any questions you may have.

Attached:

1. EMBARK Norman Performance Report for February 2024.
2. Norman On-Demand Performance Report for February 2024.



PERFORMANCE REPORT

Transit System Report

February 2024

Purpose

The Transit System Report provides a summary of both internal indicators and performance measures used to evaluate the performance of the EMBARK transportation system for the City of Norman. The internal indicators are mainly used by staff to compare performance to previous periods whereas, the performance measures having

specific targets are more outcome-based and are included in EMBARK's strategic business plan to help demonstrate accomplishments given the resources that are provided. The internal indicators and performance measures included in this report address ridership, dependability, safety and align with EMBARK's mission.

Total Ridership

Total ridership for EMBARK Norman in February 2024 was 35,374 compared to 29,401 in February 2023. The average total daily ridership was 1,415 for February 2024, a 15.51% increase from 1,225 in February 2023. Fiscal-year-to-date ridership is 269,167 passengers, a 29.91% increase from the February 2023 YTD total of 207,199.

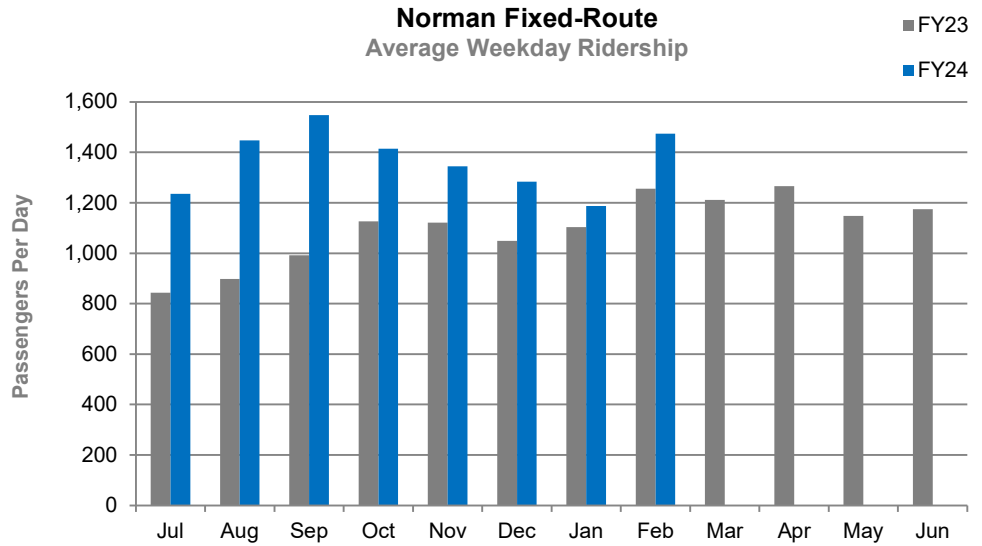
The fixed-route service totaled 33,569 for February 2024 compared to 27,620 for February 2023. Average fixed-route daily ridership for February 2024 was 1,345 compared to 1,157 for February 2023, a 16.25% increase. Passengers with bicycles or similar means of travel totaled 744, compared to 558 for February 2023. Passengers with wheelchairs or other mobility devices totaled 607, compared to 240 for February 2023.

PLUS ridership totaled 1,805 for February 2024, compared to 1,781 for February 2023. The average total PLUS ridership was 72 for February 2024, compared to 74 for February 2023, a 2.70% decrease. Passengers with wheelchairs or other mobility devices totaled 302 for February 2024, compared to 282 for February 2023, a 7.09% increase.

Norman Transit Services	Feb FY24	Feb FY23	+/- Feb FY23
Fixed Routes (M-F)	30,903	25,004	23.59%
110 - Main Street	2,849	4,793	-40.56%
111 - Lindsey East	17,723	11,837	49.73%
112 - Lindsey West	6,649	3,350	98.48%
120 - West Norman*	N/A	227	N/A
121 - Alameda	1,965	4,723	-58.40%
122 - Rock Creek**	1,687	N/A	N/A
144 - Social Security	30	74	-59.46%
Fixed Routes (Sat)	2,666	2,616	1.91%
110 - Main Street	250	512	-51.17%
111 - Lindsey East	1,351	977	38.28%
112 - Lindsey West	650	360	80.56%
121 - Alameda	181	767	-76.40%
122 - Rock Creek**	234	N/A	N/A
PLUS ADA Service	1,805	1,781	1.35%
PLUS (M-F)	1,725	1,675	2.99%
PLUS (Sat)	80	106	-24.53%
Bikes	744	558	33.33%
Wheelchair	607	240	152.92%
PLUS Wheelchair	302	282	7.09%
*Route 120 ended service on 10/14/2023			
**Route 122 began service on 10/16/2023			

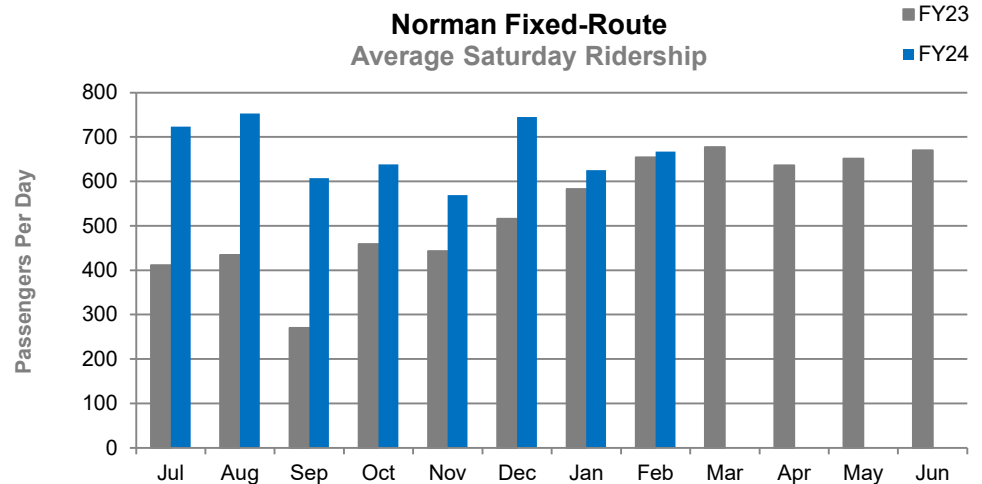
Fixed Route Weekday Ridership

Total fixed-route weekday ridership for February 2024 was 30,903, a 23.59% increase from 25,004 in February 2023. Average weekday passenger ridership totaled 1,474 in February 2024; a 17.36% increase compared to 1,256 for February 2023. The average RPSH was 19.88.



Fixed Route Saturday Ridership

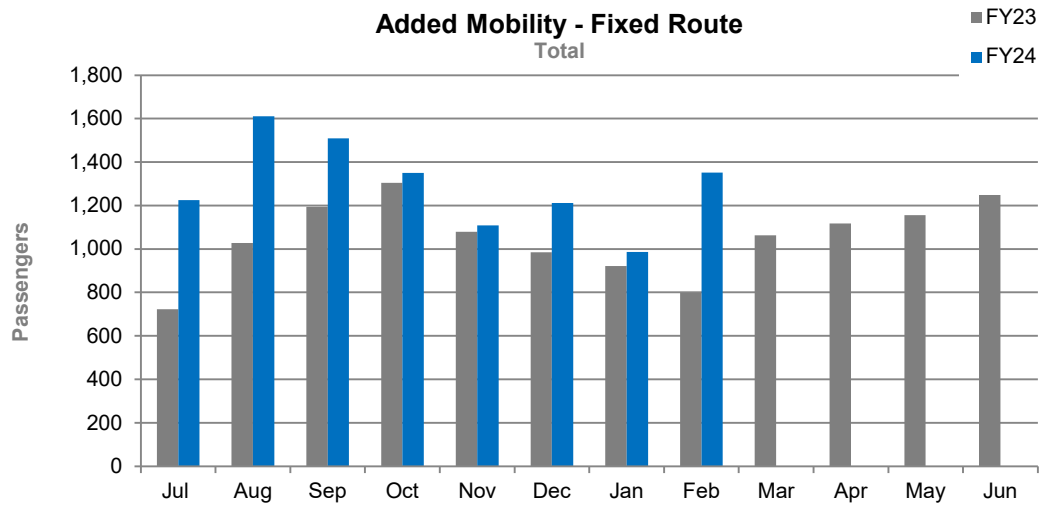
Total fixed-route Saturday ridership for February 2024 was 2,666, a 1.91% increase from 2,616 in February 2023. Average Saturday passenger ridership totaled 667 for February 2024, a 1.99% increase from 654 in February 2023. The average RPSH was 15.23.



Added Mobility – Fixed Route

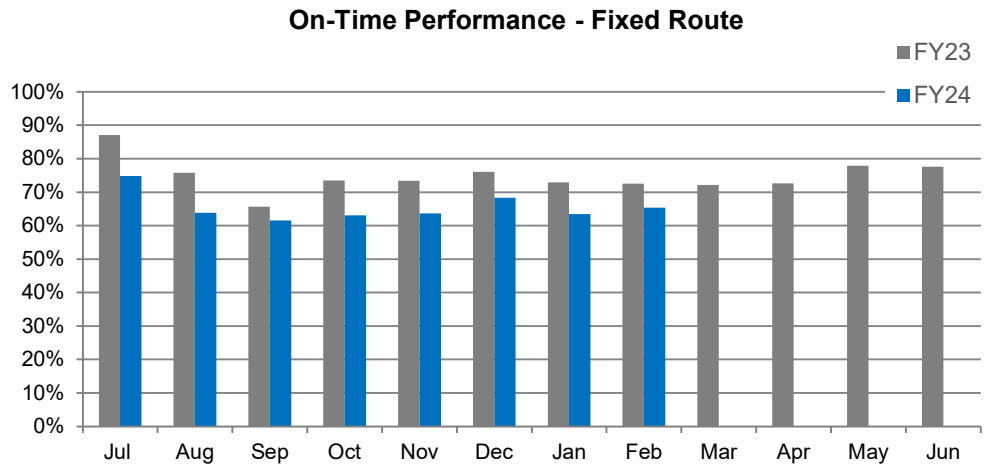
Total passengers with added mobility, such as bikes and wheelchairs, totaled 1,351 for February 2024, a 69.30% increase from 798 in February 2023.

Bike passengers totaled 744, a 33.33% increase from 558 in February 2023. Wheelchair passengers totaled 607, a 152.92% increase from 240 in February 2023.



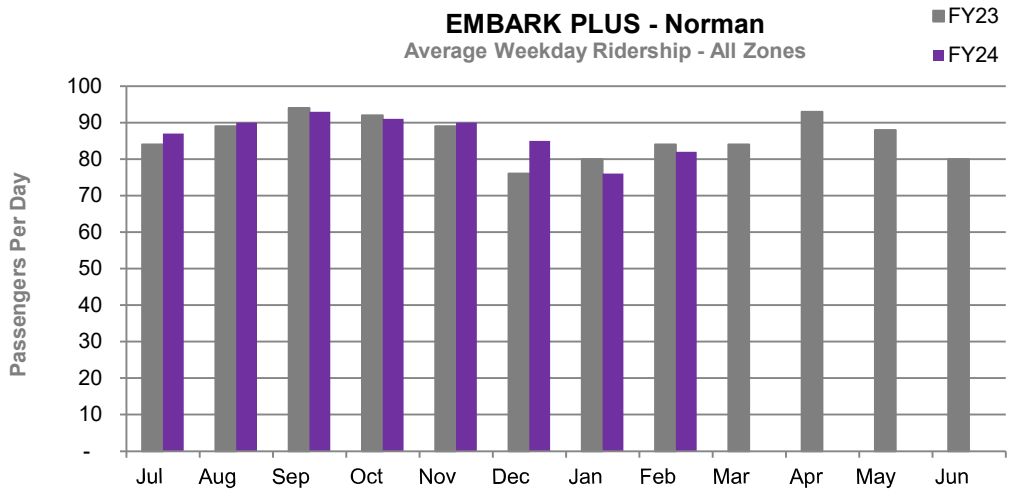
On-Time Performance – Fixed Route

Cumulative on-time performance for fixed-route buses was 65.4% in February 2024, a 7.10% decrease from 72.5% in February 2023.



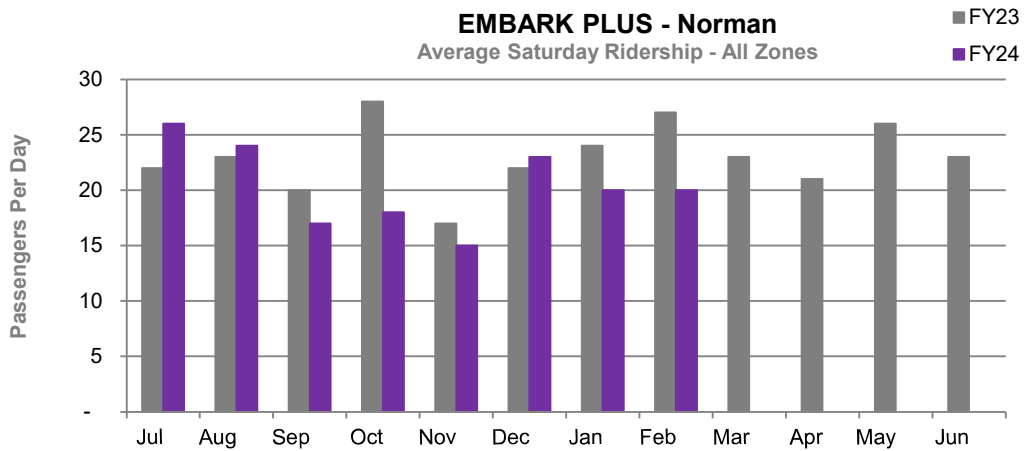
PLUS Weekday

Total PLUS weekday ridership for February 2024 was 1,725, a 2.99% increase from 1,675 in February 2023. Average weekday passenger ridership totaled 82 for February 2024, a 2.38% decrease from the February 2023 average of 84. RPSH was 1.17.



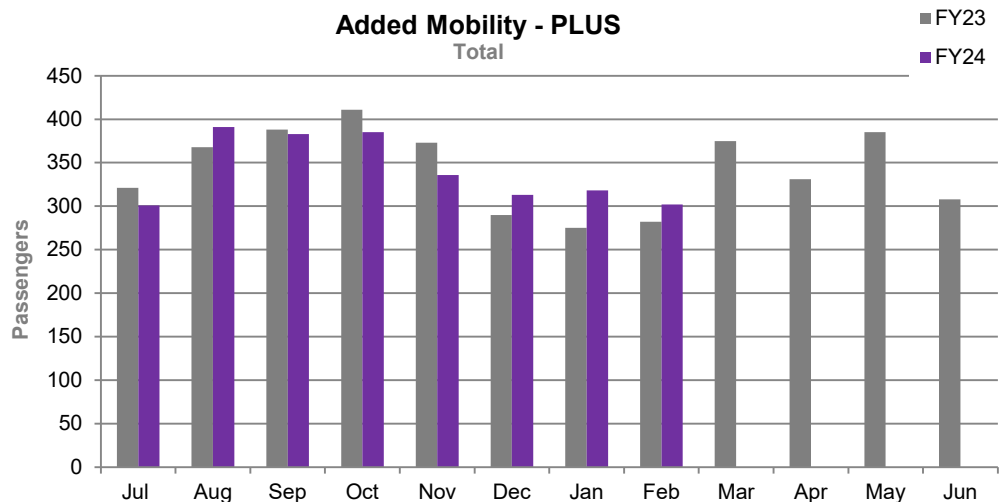
PLUS Saturday

Total PLUS Saturday ridership for February 2024 was 80, a 24.53% decrease from 106 in February 2023. Average Saturday passenger ridership totaled 20 for February 2024, a 25.93% decrease from 27 in February 2023. RPSH was 1.30.



Added Mobility - PLUS

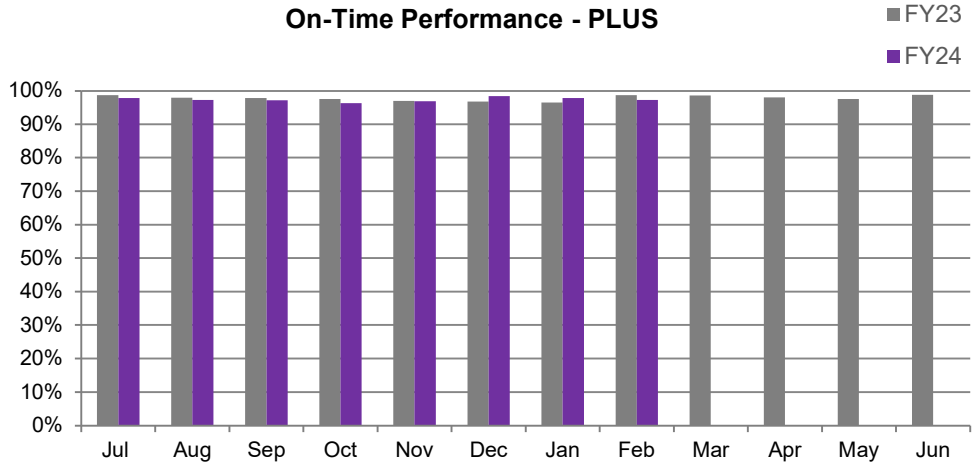
PLUS passengers with added mobility totaled 302 for February 2024, a 7.09% increase from 282 in February 2023.



On-Time Performance - PLUS

Cumulative on-time performance for PLUS buses was 97.26%, a 1.39% decrease from 98.65% in February 2023.

Weekday on-time performance in the primary zone was 97.24%, a 1.66% decrease from 98.90% in February 2023. Weekday on-time performance in the secondary zone was 96.90%, a 0.58% decrease from 97.48% in February 2023. Saturday on-time performance was 100.00%, a 1.98% increase from 98.02% in February 2023.



PLUS Weekday Service Summary	Feb FY24	Feb FY23	+/- Feb FY23		PLUS Saturday Service Summary	Feb FY24	Feb FY23	+/- Feb FY23
Total Passengers	1,725	1,675	2.99%		Total Passengers	80	106	-24.53%
Total Trips	1,681	1,603	4.87%		Total Trips	72	101	-28.71%
Trips Daily Average	80	80	0.00%		Trips Daily Average	18	25	-28.00%
Trips Requested	1,721	1,617	6.43%		Trips Requested	72	101	-28.71%
Denied Trips	40	14	185.71%		Denied Trips	0	0	0.00%
Capacity Denials	0	0	0.00%		Capacity Denials	0	0	0.00%
No Show	38	27	40.74%		No Show	0	1	-100.00%

PLUS Applications	Feb FY24	Feb FY23	+/- Feb FY23
New Applications	14	9	55.56%
Renewals Received	3	15	-80.00%
Applications Approved	15	29	-48.28%
Applications Denied	3	1	200.00%

Summary of Services Table: February 2024

The table below provides daily averages for the number of passengers carried by many of the services offered by EMBARK Norman. The year-to-date (YTD) figures are cumulative totals.

EMBARK Norman Service Summary	ADP Feb FY24	FY24 YTD	FY23 YTD	Service Profile	Feb FY24	Feb FY23
Fixed Routes (M-F)	1,474	230,410	175,482	Weekdays	21	20
Fixed Routes (Sat)	667	23,375	16,466	Saturdays	4	4
PLUS (M-F)	82	14,671	14,452	Gamedays	0	0
-Zone 1*	58	10,846	12,172	Holidays	0	0
-Zone 2**	25	3,825	2,280	Weather	1	2
PLUS (Sat)***	20	711	799	Fiscal YTD Days	204	203
				Cal. YTD Days	51	49

*Requires 3/4 mile

**Operates only on Weekdays until 7:00 pm

***Operates only in Zone 1

Strategic Performance Measures

MEASURE	FY 24 YTD	FY 24 Targets	
# of Norman fixed-route passenger trips provided	253,785	251,881	■
# of Norman paratransit trips provided	15,382	21,000	■
% of on-time Norman paratransit pick-ups	97.20%	98.58%	●
# of Norman bus passengers per service hour, cumulative	18.79	13.04	■
# of Norman bus passengers per day, average	1,203	800*	●
% of Norman required paratransit pick-ups denied due to capacity	0.00%**	0.00%*	●
% of on-time fixed-route arrivals	65.50%	80.94%	◆

*These targets are not being tracked in LFR but can be found in the KPI spreadsheet.

**One denial due to capacity was recorded for FY23

Glossary

- **Added Mobility** – Wheelchairs, bicycles, scooters, and other devices used by passengers in conjunction with transit
- **ADP** – Average Daily Passengers
- **ADR** – Average Daily Ridership
- **AVG** – Average
- **Fixed Route** – Regular bus service
- **FY23** – The fiscal year 2023. Lasted from 7/1/2022 to 6/30/2023
- **FY24** – The fiscal year 2024. Lasting from 7/1/2023 to 6/30/2024
- **FY YTD** – Fiscal Year, Year to Date
- **KPI** – Spreadsheet used to record and compare all data used in the monthly report
- **LFR** – "Leading for Results," EMBARK's internal performance measurements and targets
- **OTP** – On-time performance
- **Paratransit** – ADA vehicle service for seniors and other clients with special needs
- **PAX** – Passenger
- **PLUS** – Brand name for EMBARK Paratransit service
- **RPSH** – Riders per service hour
- **SAT** – Saturday
- **WKD** – Weekday
- **YOY** – Year-over-year, used to compare the previous year's performance when available
- **ZONE 1** – Primary zone for PLUS operation
- **ZONE 2** – Secondary zone for PLUS operation



Performance Report

Microtransit Pilot Program Performance Report

February 2023

Purpose

The Microtransit Pilot Program Performance Report provides a summary of service performance measures used to evaluate the performance of the Norman On-Demand microtransit transportation system for the City of Norman. The performance measures used by staff may change over the course of the pilot program. Initially we will be comparing the key performance indicator goals that were outlined in the request for proposals (RFP) to the data provided from Via for the Norman On-Demand program. These indicators and performance measures include average walking distance, maximum walking distance, average rider wait time, maximum rider wait time, and the percentage of ride requests completed within 20 minute wait time.

Service Profile, Hours, and Pricing

Norman On-Demand is a pilot microtransit service which launched for late night and Sunday service in core Norman on August 21, 2023. Norman On-Demand is a turnkey service provided by TransitTech provider Via. The Norman On-Demand app is available on the Apple App Store and the Google Play Store. This service compliments existing public transit service by extending service into the late night hours and during the day on Sundays for a small fee. Because this is a pilot program, there may be changes to service area, hours of operations, or other aspects of the service while the City focuses the program to efficiently serve the needs and desires of our community.

Service Hours		Pricing	
Monday-Wednesday	7pm – 1am	First Passenger	\$2.00
Thursday-Saturday	7pm – 3am	Each Additional Passenger	\$1.00
OU SafeRide: Thursday-Saturday	10pm – 3am	OU SafeRide (OU Students using OU email address during SafeRide hours)	Free
Sunday	10am – 6pm		
<i>ADA/Wheelchair Accessible Vehicles available upon request.</i>			

Key Performance Indicator Measures

Measure	Target	February	Service to Date (8/21/23 – 2/29/24)
Average Walking Distance	<0.10 miles	0.06 miles	0.07 miles
Maximum Walking Distance	0.25 miles	0.32 miles	0.32 miles
Average Rider Wait Time*	<15 min	28.7 min	22.3 min
Maximum Rider Wait Time*	20 min	70.8 min*	70.8 min*
Percentage of Ride Requests Completed Within 20min. Wait Time	>80%	33.93%**	54.83%**

*OU has requested longer available wait times for OU students during SafeRide hours (up to a 2 hour max). This affects the original goal of 20 minutes that was identified in the original Request for Proposals.

**Number of ride requests with 'Completed' status that have a wait time of 20 minutes or less as a percentage of the total number of ride requests with 'Completed' status. This data is skewed by longer available wait times for OU students during SafeRide hours.

Additional Performance Measures

Ridership

Norman On-Demand completed 2,619 rides in February 2024, which is a 5.3% increase from the January 2024 total of 2,481. There were a total of 19 completed trips that requested a wheelchair accessible vehicle (WAV) in the month of December.

Ridership	February	Service to Date (8/21/23 – 2/29/24)
Total number of passengers	2,619	15,870
Total number of Trips Completed	1,721	9,844
# of Completed Trips Requesting WAV	19	117

Rider Experience

The system includes an automated feedback process where all ride ratings with four stars or fewer that have actual written feedback attached are reviewed by customer support agents. Poor ride ratings alone are not categorized as complaints. No rider complaints were reported to Via in the month of February. One complaint from a citizen was brought to City of Norman staff which led to an investigation of a near-miss accident.

Rider Experience	February	Service to Date (8/21/23 – 2/29/24)
Average Ride Duration	8.9 min	9 min
Average Ride Distance	2.9 miles	2.9 miles
Average Ride Rating	4.9 (out of 5 stars)	4.9 (out of 5 stars)

Program Engagement and Rider Growth

Since the Norman On-Demand App launched on August 21, 2023, 4,268 individual accounts have been created, which is a 10.1% increase over the January 2024 service to date total of 3,835. Of these accounts a little more than two in five, or 45.5%, have utilized the service at least once. Approximately 21.3% or 908 active accounts have completed more than five rides. Riders are also able to call 405-643-8638 to schedule rides without using the App.

Engagement – Service to Date (8/21/23 – 2/29/24)		
App Accounts Created Since Launch	4,268	
OU Accounts	N/A	N/A
Active Accounts*	2,741	64.2%
Rider Accounts**	1,943	45.5%
Repeat Rider Accounts***	1,490	34.9%
*accounts where user has engaged with ride requests at least once **accounts with at least 1 completed ride ***accounts with at least 2 completed rides		

Accidents and Vehicles

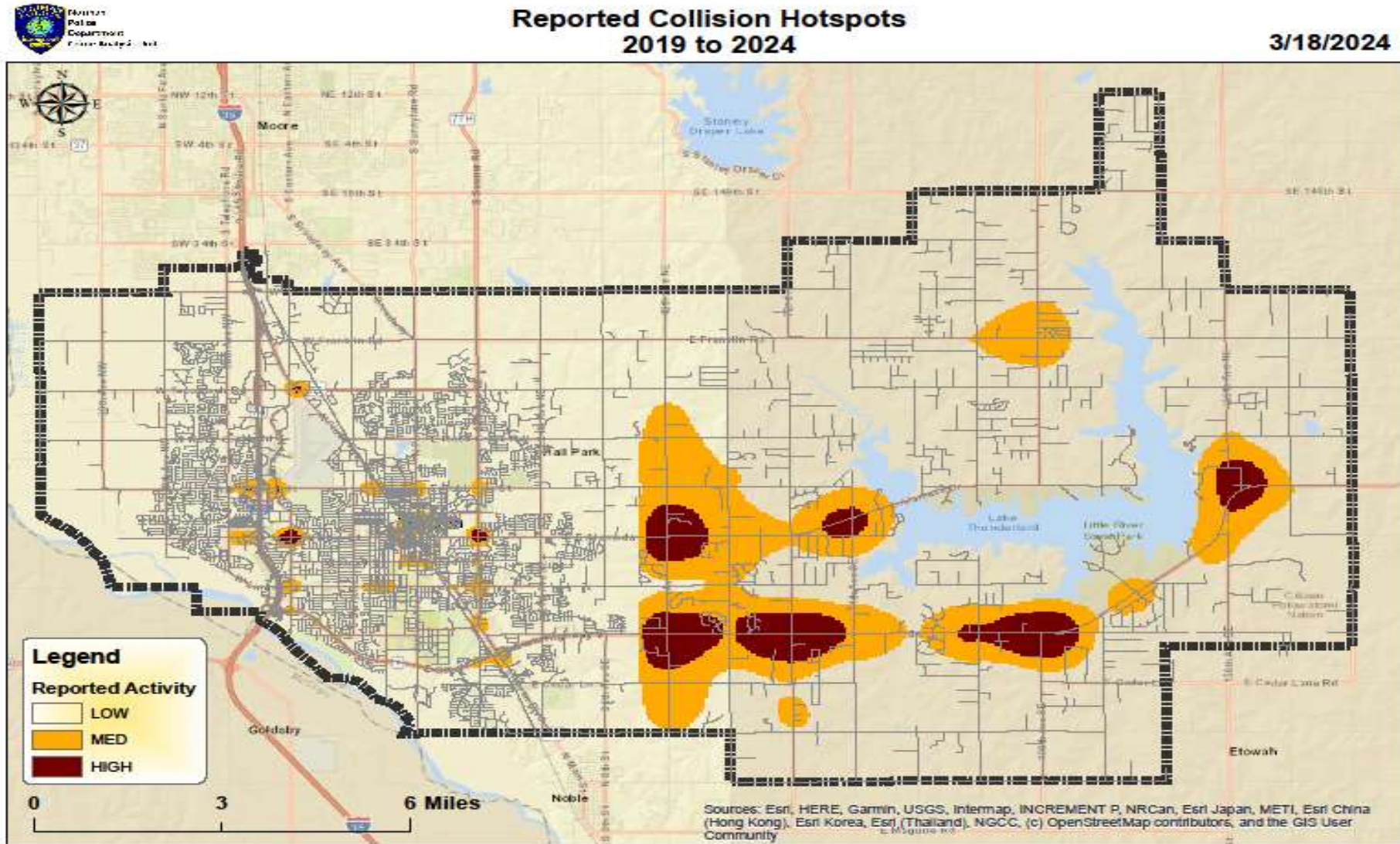
Two near miss incidents were classified as accidents that occurred in February 2024. No property damage or injury were associated with these accidents. All incidents are reported to City of Norman Transit staff in a timely manner by our provider Via.

Three of five vehicles were in active service during the month of February, which is below the target fleet availability of four active vehicles. The minor maintenance issues have since been resolved and the vehicles have all returned to active service.

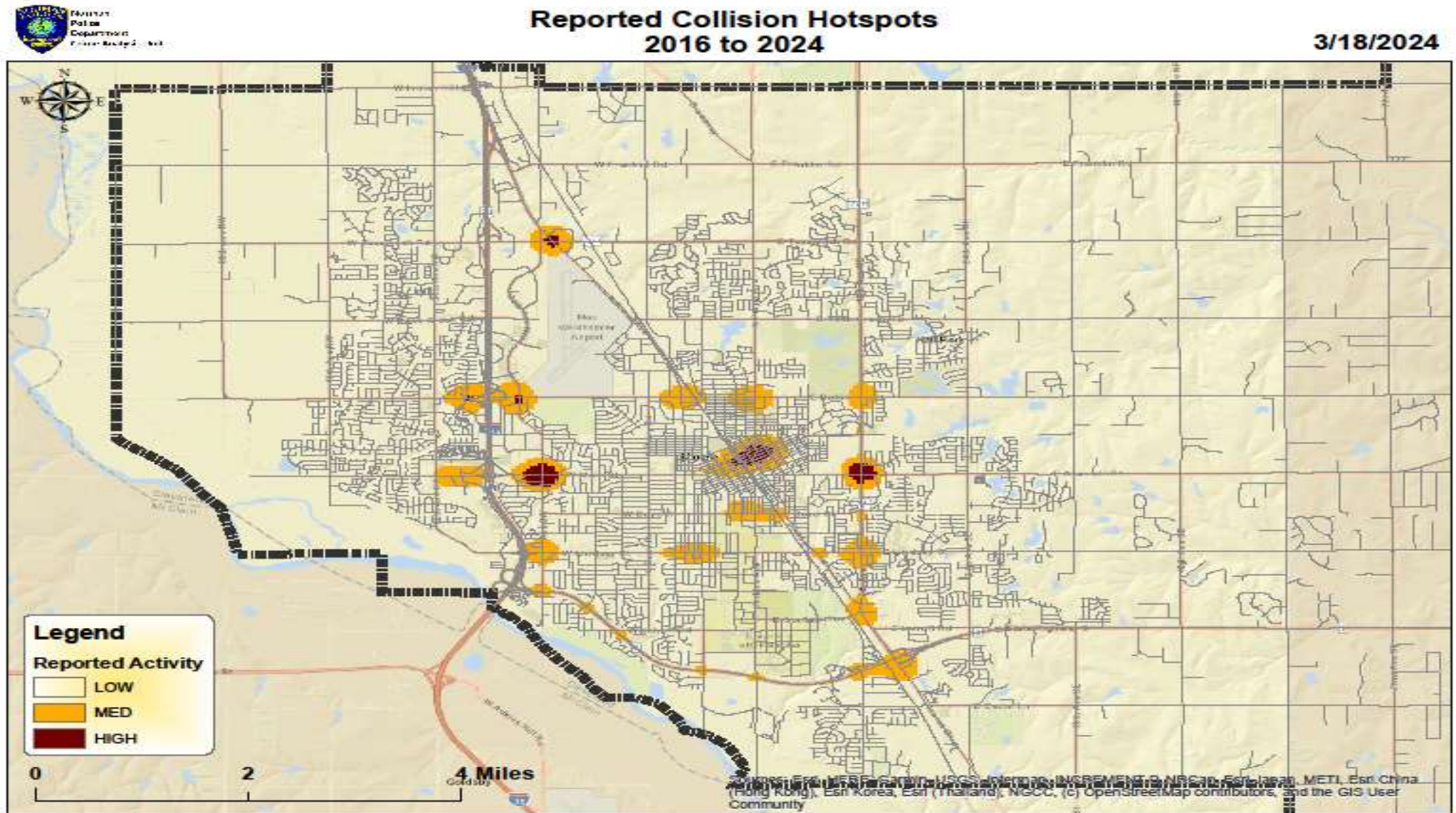
Collision Hotspots

Capt. Eric Lehenbauer
Norman Police Department

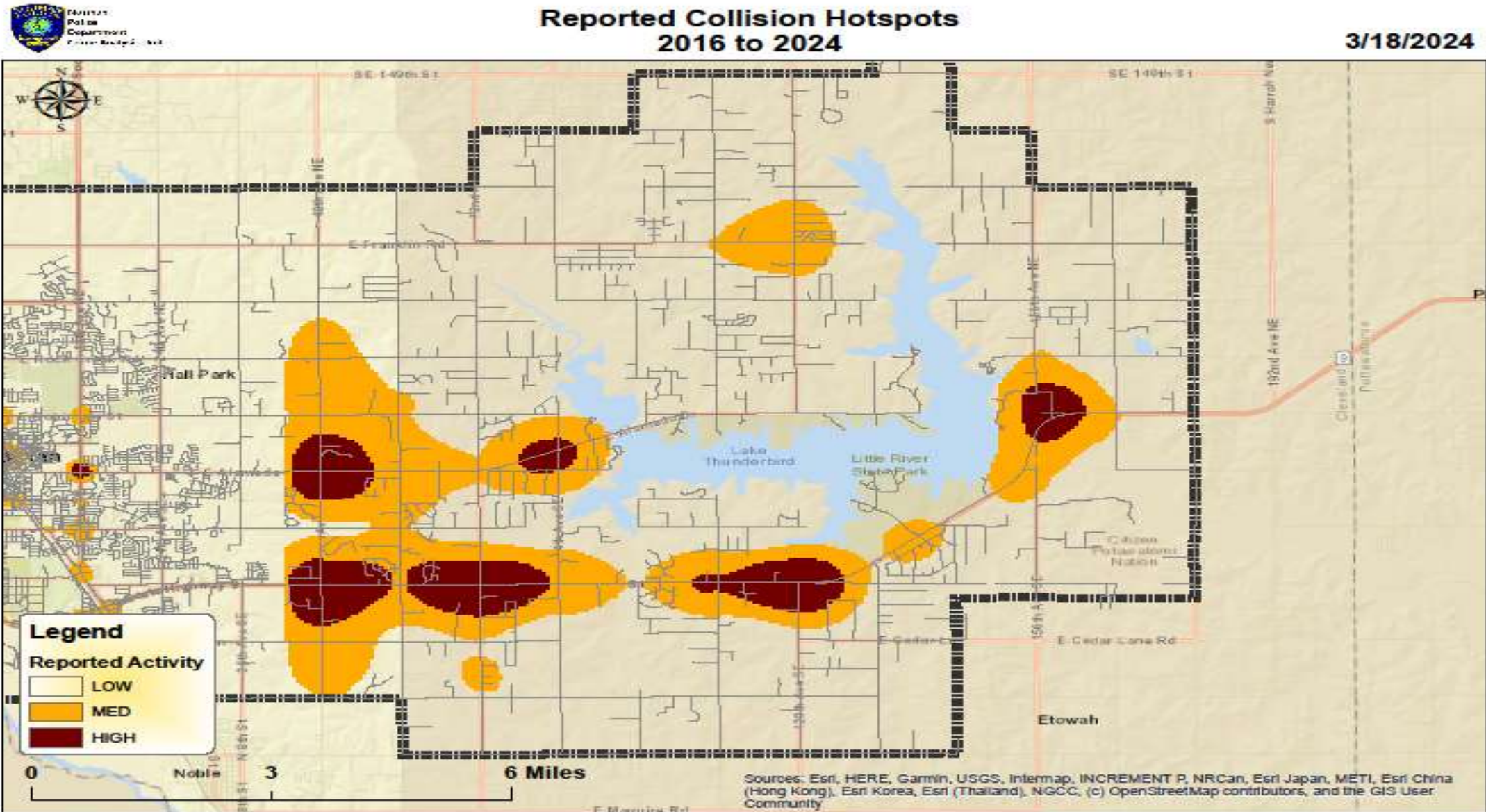
Norman Collision Hotspots



Norman Urban Area



Norman Rural Area

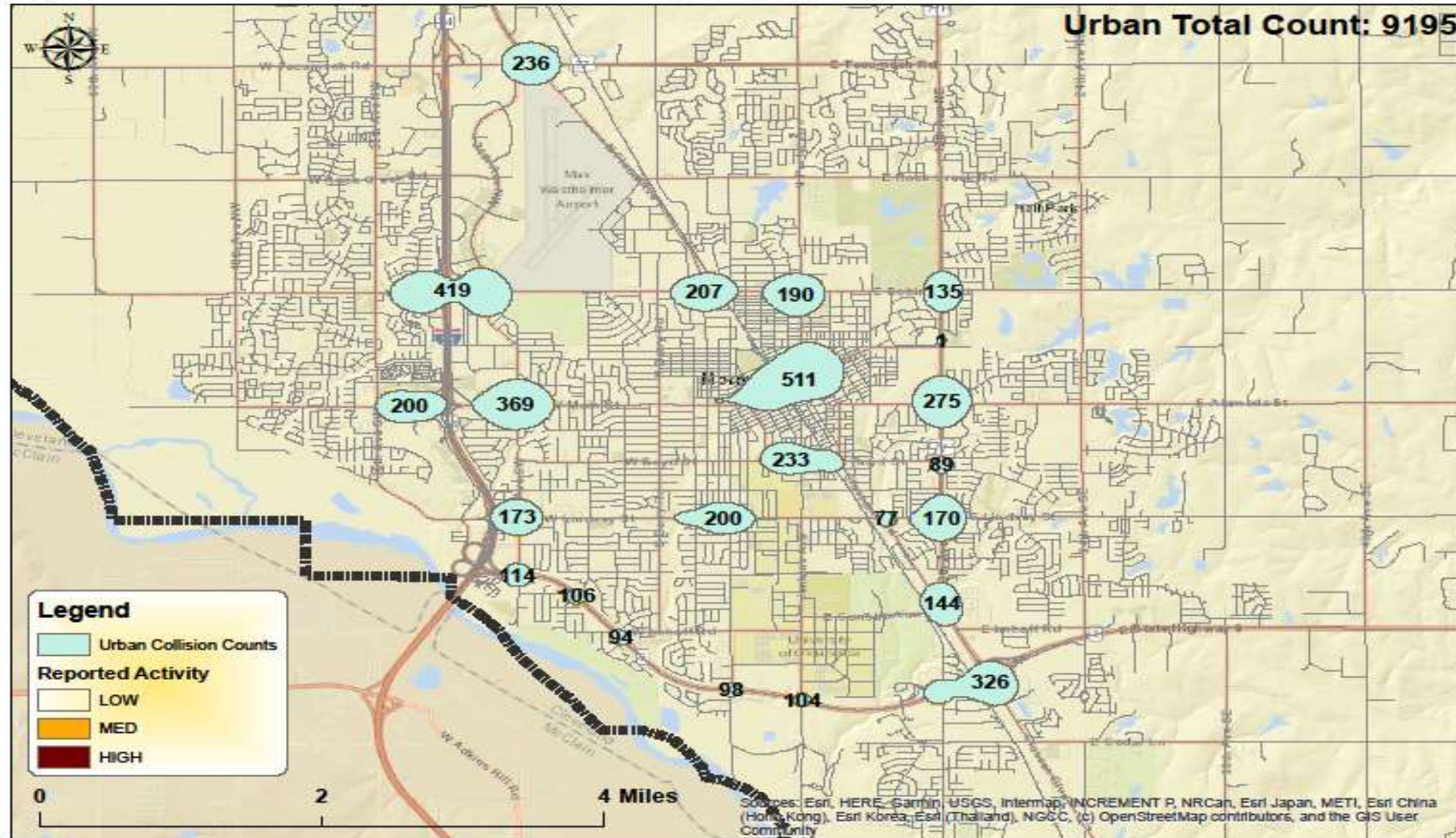


Counts for Rural



Reported Collision Hotspots
2019 to 2024

3/18/2024



Top Collision Locations

Area	Location
Urban	W Tecumseh Rd / N Flood Ave
Urban	W Robinson St / Crossroads Blvd
Urban	W Robinson St / 24th Ave NW
Urban	W Main St / Ed Noble Pkwy
Urban	W Main St / 24th Ave SW
Urban	W Lindsey St / 24th Ave SW
Urban	W Robinson St / N Flood Ave
Urban	W Robinson St / N Porter Ave
Urban	E Main St / Downtown Area
Urban	W Boyd St / S Jenkins Ave
Urban	W Lindsey St / Chautauqua Ave
Urban	E Robinson St / 12th Ave NE
Urban	E Alameda St / 12 Ave NE
Urban	E Lindsey St / 12th Ave SE
Urban	E Constitution St / Classen Blvd
Urban	SH 9 / 24th Ave SW
Urban	SH 9 / McGee Dr
Urban	SH 9 / W Imhoff Rd
Urban	SH9 / Chautauqua Ave
Urban	SH 9 / S Jenkins Ave
Urban	SH9 / 12th Ave SE
Urban	Ann Brandon Blvd / Classen Blvd
Rural	E Alameda St / 48th St
Rural	SH 9 / 48th St
Rural	SH 9 / 72nd Ave SE
Rural	E Alameda Dr / 84th Ave SE
Rural	E Franklin Rd / 120th Ave NE
Rural	SH9 / 120th Ave SE
Rural	SH9 / 142nd Ave SE
Rural	SH9 / 156th Ave NE

Collisions by Month and Year

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
2019	133	154	149	155	175	135	146	191	204	216	209	170	2037
2020	178	157	108	56	117	143	143	169	151	168	124	85	1599
2021	107	83	168	157	169	161	135	182	200	204	183	206	1955
2022	156	147	176	154	143	136	138	178	196	187	203	180	1994
2023	146	156	180	176	153	145	146	140	166	183	193	155	1939
2024	145	157	74										376
Grand Total	865	854	855	698	757	720	708	860	917	958	912	796	9900