

Traffic and Transportation Commission

May 20, 2024

Axle Restriction  
Ward 7

V-G. Applicant: Gary Lee, 108 B NW 122 Street, Oklahoma City, OK 73114  
Municipal Code §32-526 (§59-10450 provided for reference)

Request: No vehicles in excess of two axles restriction on NW 121 Street between  
N Walker Avenue and N Santa Fe Avenue.

<u>Traffic Data:</u>	<u>East/West</u>
Street Name	<b>NW 121 Street</b>
Street Typology:	Neighborhood
bikewalkokc Designation:	No designation
Street Width:	26 feet, two lanes, two-way, curbed, undivided
Existing Traffic Controls:	Yield control on NW 121 Street at N Harvey Avenue; yield control on N Robinson Avenue at NW 121 Street; and stop control on NW 121 Street at N Santa Fe Avenue.
Parking Controls:	Parking is not regulated on either side of NW 121 Street from N Walker Avenue and N Santa Fe Avenue except where N Hudson Avenue would intersect NW 121 Street. At this location parking is prohibited on both sides of NW 121 Street within the limits of the intersection.
Traffic Volume:	274 vehicles per day (vpd)(2024)(N Walker Ave to N Harvey Ave)
Multi-Axle Percentage:	10.8% (N Walker Avenue to N Harvey Avenue) 5.2% (N Robinson Avenue to N Santa Fe Avenue)
Existing Speed Limit:	25 mph
DPS Collision Data: (January 2021 – December 2021)	0 collisions recorded on NW 121 Street at or between N Santa Fe Avenue and N Walker Avenue.

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Summary: Gary Lee has submitted a request for a no vehicles in excess of two axles  
restriction on NW 121 Street between N Walker Avenue and N Santa Fe  
Avenue.

From N Walker Avenue to N Santa Fe Avenue, NW 121 Street is a two lane,  
two-way, 26-foot wide curbed roadway and is classified as a neighborhood  
street in planokc. The subject section of NW 121 Street is four (4) blocks  
long. In the three (3) blocks from N Walker Avenue to N Robinson Avenue,  
NW 121 Street passes through single family dwelling residential  
development. Residential development is present on the south side of the  
one (1) block between N Robinson Avenue and N Santa Fe Avenue and  
commercial development is present along the north side of this block. The  
north side of this block is fenced and no businesses have direct access to  
NW 121 Street. The speed limit on NW 121 Street is 25 miles per hour  
(mph).

According to the Oklahoma Department of Public Safety's collision  
database, no collisions were recorded on NW 121 Street at and between N  
Walker Avenue and N Santa Fe Avenue from January 1, 2021, to December

31, 2021, which is the most recent substantially complete year for which statistical data is available. Two (2) collisions were recorded on this section of NW 121 Street from January 1, 2020 to December 31, 2022. Vehicles with more than two axles were not involved in either collision.

Analysis: To assess large truck (multi-axle vehicle) usage of NW 121 Street, staff collected directional (two-way) traffic volume counts including vehicle classification data over a 48-hour period from the afternoon of March 20, 2024 to the morning of March 22, 2024. Since the limits of the requested axle restriction encompass several blocks, road tube counters were placed on NW 121 Street between N Walker Avenue and N Harvey Avenue and between N Robinson Avenue and N Santa Fe Avenue.

During the study period, road tube counters between N Walker Avenue and N Harvey Avenue registered the probable passage of 61 vehicles having more than two axles out of a total observed volume of 564 vehicles, representing approximately 10.8 percent of the traffic toward the west end of the requested axle restriction. Road tube counters placed between N Robinson Avenue and N Santa Fe Avenue registered the probable passage of 24 vehicles having more than two axles out of a total observed volume of 458 vehicles, representing approximately 5.2 percent of the traffic toward the east end of the requested axle restriction.

Recommendation: Action on this matter is at the discretion of the Commission.

The requested axle restriction, which is essentially a large vehicle (truck) restriction, may curtail some use of this roadway by vehicles having more than two axles. The City's regulations on axle restrictions, as contained within §32-526 of the Oklahoma City Municipal Code, 2020, make allowances for vehicles with more than two axles to use streets where such signs are posted "for the purpose of delivering or picking up materials or merchandise and then only by entering such street at the intersection nearest the destination of the vehicle and proceeding no further than the nearest intersection thereafter." Staff notes §59-10450 in the Zoning Chapter of the Oklahoma City Municipal Code, 2020, prohibits commercial vehicle parking in neighborhoods.

In his letter, Mr. Lee expressed concern for the damage being caused to NW 121 Street as a result of the heavy trucks (those having more than two axles) utilizing this roadway.

Next Actions: Unless the decision of the Traffic and Transportation Commission is appealed, the Commission's action is final.

Traffic Services Division  
MC:sc

**§ 32-526. Axle restrictions.**

When designated by the Commission and signs are erected giving notice thereof, no person shall operate or park any vehicle which has more than two axles upon any street so designated; provided, however, that vehicles with more than two axles may be operated or parked on such streets for the purpose of delivering or picking up materials or merchandise and then only by entering such street at the intersection nearest the destination of the vehicle and proceeding no further than the nearest intersection thereafter.

(Code 1970, § 34-183; Code 1980, § 32-526; Ord. No. 19359, § 1, 2-20-90)

**Cross references:** House moving, § 50-186 et seq.; movement of heavy vehicles on streets, § 50-211 et seq.

**§ 59-10450. - Commercial vehicles, trucks, semi-trailers and buses.**

Commercial vehicles, trucks and semi-trailers shall not be parked or stored in residential zoning districts, except when being actively loaded or unloaded. Buses shall not be parked or stored in residential zoning districts except at those locations where they are accessory to the operation of civic uses permitted in residential zoning districts. This regulation shall not apply to the AA District.

(Ord. No. 24729, § 2, 8-27-13)

3-15-24

RECEIVED BY  
March 15, 2024  
Traffic Services Division

Gary Lee

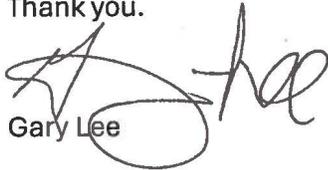
1088 NW 122<sup>ND</sup> / 2130 COBBLESTONE CT. 101  
OKC OK 73114 / EDMOND OK 73034

Dear Members of the Oklahoma City Traffic and Transportation Commission,

I am requesting east and west axle restrictions "No Vehicles in excess of 2 axles" on NW 121 Street between N Santa Fe Avenue and N Walker Avenue. NW 121 Street, between Santa Fe Avenue and N Walker Avenue, is primarily a residential area. The roadway is being damaged by the heavy loads being transported by large trucks.

I would appreciate your assistance in this matter.

Thank you.

  
Gary Lee

e-mail address redacted

405-830-6921  
4

Requested axle restriction limits



N Walker Ave

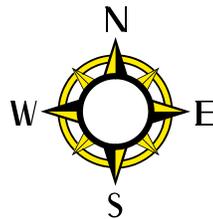
N Hudson Ave

N Havey Ave

N Robinson Ave

N Santa Fe Ave

Road tube counters classified 10.8% of vehicles on this section of NW 121 Street having three or more axles.



Road tube counters classified 5.2% of vehicles on this section of NW 121 Street having three or more axles.

**“No Vehicles in Excess of 2 Axles” Route Map**  
**NW 121 Street between N Walker Avenue and N Santa Fe Avenue**



Speed limits (as depicted)



Traffic controls (as depicted)



Limits of requested axle restriction (as depicted)

Requested axle restriction limits



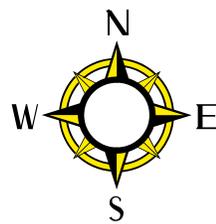
N Walker Ave

N Hudson Ave

N Havey Ave

N Robinson Ave

N Santa Fe Ave



**“No Vehicles in Excess of 2 Axles” General Vicinity Map**  
**NW 121 Street between N Walker Avenue and N Santa Fe Avenue**



Limits of requested axle restriction (as depicted)



Looking west on NW 121 Street across N Harvey Avenue toward N Walker Avenue.



Looking east on NW 121 Street across N Robinson Avenue toward N Santa Fe Avenue. Note large single unit truck illegally parked in the intersection across what would be the south approach of N Robinson Avenue. Presently, N Robinson Avenue does not extend south from NW 121 Street.