

# Memo

Diane B. Zimmerman Traffic Engineering, LLC

To: Jay Lockett, A.I.C.P.  
Beth Stuber, P.E.

From: Diane Zimmerman, P.E.

CC:

Date: June 7, 2022

Re: 1-STRCLOSURE-0032

---

The purpose of this memo is to demonstrate that the existing alley parallel to Chestnut Street (behind 421-425 W. Chestnut Street) is not providing meaningful public benefit. The alley connects 5<sup>th</sup> Street to another alley. It is paved for a length of 187 feet and 10 feet wide. The public usage was measured and should be considered insignificant.

A 12-hour traffic count using video cameras was made on Thursday, May 19, 2022. The count separated vehicles (automobiles, trucks, bicycles, and scooters) and pedestrians. The count was made from 7 am to 7 pm and follows. The vehicles and pedestrians were considered public if they traveled the entire length of the alley. The counted vehicles did not park in the available parking spaces on the property nor did pedestrians access any of the buildings on the property. A summary of the count is in the table below.

	Eastbound	Westbound	Total
Vehicles (4 wheels)	10	20	30
Pedestrians	13	0	13
TOTAL	23	20	43

No bicycles or scooters were recorded using the alley. No vehicle larger than a pick-up truck was observed using the alley. There was no one present between 7:00 and 10:15 a.m. or after 6:30 p.m. There were 9 other 15-minute intervals the public was not observed in the alley. For 360 minutes or half of the time recorded, the public did not use the alley. The highest hourly volume was 5:00 to 6:00 pm with 5 pedestrians and 6 vehicles.

This alley is insufficient for public use due to the 10 foot right of way and 10 feet of pavement. If vehicular traffic was limited to the 10-foot width it is less likely that any would choose to use it. The current pavement to the property lines allows for vehicular access.

# Alley Count || Eastbound 15min

Louisville, KY

**Site 1**

Local Alley,  
east of S 5th St

**Date**

Thursday, May 19, 2022

**Weather**

Fair  
73°F

**Lat/Long**

38.249533°, -85.759101°



[Click here for Map](#)

**0700 - 1900 (12h Session)**

Eastbound 15min

TIME	Eastbound						15min Total	60min Total
	Peds	Scooter	P/Cycle	(1-3)	(4-7)	(8-13)		
0700 - 0715	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0
0800 - 0815	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0
0845 - 0700	0	0	0	0	0	0	0	0
0900 - 0915	0	0	0	0	0	0	0	0
0915 - 0930	0	0	0	0	0	0	0	0
0930 - 0945	0	0	0	0	0	0	0	0
0945 - 0800	0	0	0	0	0	0	0	0
1000 - 1015	0	0	0	0	0	0	0	0
1015 - 1030	0	0	0	0	0	0	0	0
1030 - 1045	0	0	0	1	0	0	1	0
1045 - 0700	0	0	0	0	0	0	0	0
1100 - 1115	0	0	0	0	0	0	0	0
1115 - 1130	0	0	0	1	0	0	1	0
1130 - 1145	0	0	0	0	0	0	0	0
1145 - 0800	0	0	0	0	0	0	0	0
1200 - 1215	0	0	0	0	0	0	0	0
1215 - 1230	0	0	0	0	0	0	0	0
1230 - 1245	0	0	0	0	0	0	0	0
1245 - 0700	0	0	0	0	0	0	0	0
1300 - 1315	0	0	0	0	0	0	0	0
1315 - 1330	0	0	0	0	0	0	0	0
1330 - 1345	0	0	0	0	0	0	0	0
1345 - 0800	0	0	0	0	0	0	0	0
1400 - 1415	0	0	0	0	0	0	0	0
1415 - 1430	0	0	0	0	0	0	0	0
1430 - 1445	1	0	0	0	0	0	1	0
1445 - 0700	1	0	0	0	0	0	1	0
1500 - 1515	0	0	0	1	0	0	1	0
1515 - 1530	0	0	0	1	0	0	1	0
1530 - 1545	0	0	0	1	0	0	1	0
1545 - 0800	0	0	0	1	0	0	1	0
1600 - 1615	0	0	0	1	0	0	1	0
1615 - 1630	0	0	0	1	0	0	1	0
1630 - 1645	0	0	0	0	0	0	0	0
1645 - 0700	0	0	0	0	0	0	0	0
1700 - 1715	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	0	0	0	0	0
1730 - 1745	3	0	0	1	0	0	4	0
1745 - 0800	3	0	0	1	0	0	4	0
1800 - 1815	5	0	0	0	0	0	5	0
1815 - 1830	0	0	0	0	0	0	0	0
1830 - 1845	0	0	0	0	0	0	0	0
1845 - 0900	0	0	0	0	0	0	0	0
<b>Session Total</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>5</b>

# Alley Count || Westbound 15min

Louisville, KY

**Site 1**

Local Alley,  
east of S 5th St

**Date**

Thursday, May 19, 2022

**Weather**

Fair  
73°F

**Lat/Long**

38.249533°, -85.759101°



[Click here for Map](#)

**0700 - 1900 (12h Session)**

Westbound 15min

TIME	Westbound						15min Total	60min Total
	Peds	Scooter	P/Cycle	(1-3)	(4-7)	(8-13)		
0700 - 0715	0	0	0	0	0	0	0	0
0715 - 0730	0	0	0	0	0	0	0	0
0730 - 0745	0	0	0	0	0	0	0	0
0745 - 0800	0	0	0	0	0	0	0	0
0800 - 0815	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0
0845 - 0700	0	0	0	0	0	0	0	0
0900 - 0915	0	0	0	0	0	0	0	0
0915 - 0930	0	0	0	0	0	0	0	0
0930 - 0945	0	0	0	0	0	0	0	0
0945 - 0800	0	0	0	0	0	0	0	0
1000 - 1015	0	0	0	0	0	0	0	0
1015 - 1030	0	0	0	1	0	0	1	1
1030 - 1045	0	0	0	1	0	0	1	1
1045 - 0700	0	0	0	0	0	0	0	0
1100 - 1115	0	0	0	0	0	0	0	0
1115 - 1130	0	0	0	1	0	0	1	1
1130 - 1145	0	0	0	1	0	0	1	1
1145 - 0800	0	0	0	1	0	0	1	1
1200 - 1215	0	0	0	0	0	0	0	0
1215 - 1230	0	0	0	1	0	0	1	1
1230 - 1245	0	0	0	0	0	0	0	0
1245 - 0700	0	0	0	0	0	0	0	0
1300 - 1315	0	0	0	1	0	0	1	1
1315 - 1330	0	0	0	0	0	0	0	0
1330 - 1345	0	0	0	0	0	0	0	0
1345 - 0800	0	0	0	1	0	0	1	1
1400 - 1415	0	0	0	0	0	0	0	0
1415 - 1430	0	0	0	1	0	0	1	1
1430 - 1445	0	0	0	0	0	0	0	0
1445 - 0700	0	0	0	0	0	0	0	0
1500 - 1515	0	0	0	1	0	0	1	1
1515 - 1530	0	0	0	0	0	0	0	0
1530 - 1545	0	0	0	1	0	0	1	1
1545 - 0800	0	0	0	0	0	0	0	0
1600 - 1615	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	2	0	0	2	2
1645 - 0700	0	0	0	3	0	0	3	3
1700 - 1715	0	0	0	0	0	0	0	0
1715 - 1730	0	0	0	2	0	0	2	2
1730 - 1745	0	0	0	0	0	0	0	0
1745 - 0800	0	0	0	1	0	0	1	1
1800 - 1815	0	0	0	0	0	0	0	0
1815 - 1830	0	0	0	1	0	0	1	1
1830 - 1845	0	0	0	0	0	0	0	0
1845 - 0900	0	0	0	0	0	0	0	0
<b>Session Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>20</b>