

Outline

Existing Conditions

Historical Conditions

Concept Development Based O/D Data

Recommendation

















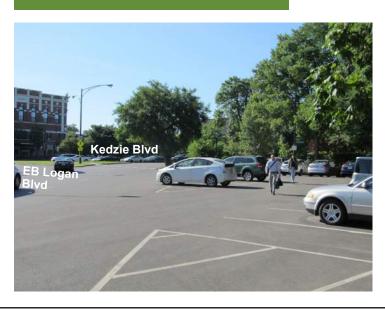
Existing Conditions





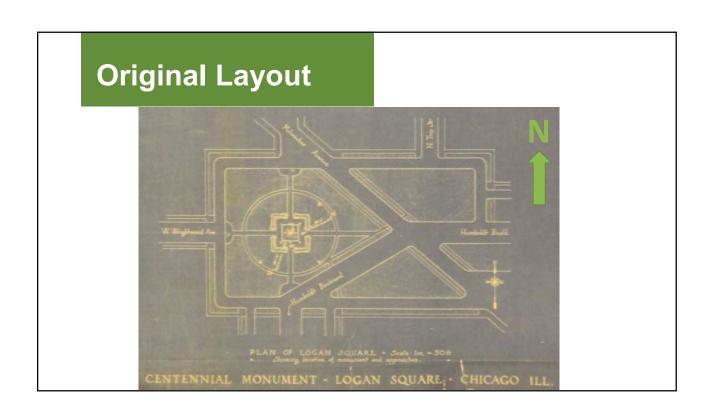


Existing Conditions









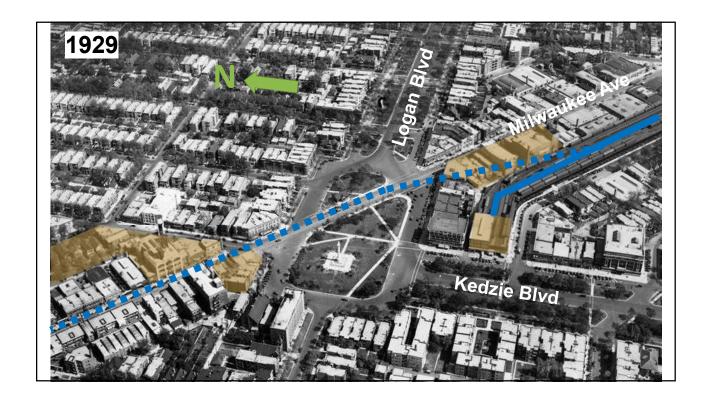
Original Layout

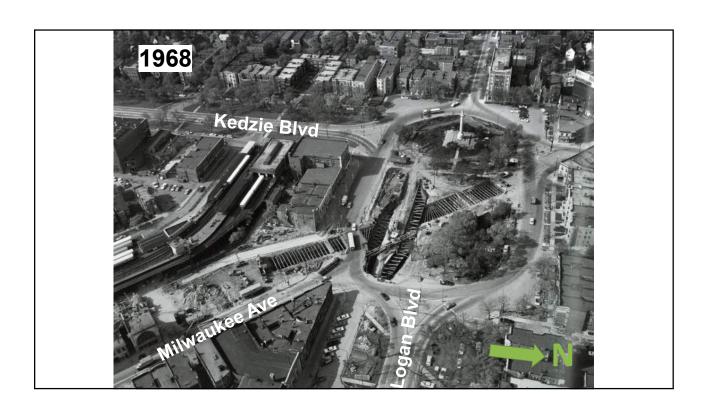
Humboldt Blvd going through Logan Square - looking east





Milwaukee Ave looking southeast









Public Involvement

MEETINGS

Project Study Group 1 June 16, 2017

Project Study Group 2 October 25, 2017

Project Study Group 3 November 1, 2018

Public Meeting 1 August 30, 2017

Public Meeting 2 January 30, 2018

Public Meeting 3 December 4, 2018



Public Involvement



Improve traffic safety.



Create more useful public and green space.



Improve pedestrian crossings and sidewalks.



Preserve neighborhood identity and historic features.



Create a multimodal corridor that considers and balances the needs of residents, businesses and users.



Create easier access and connectivity to the Square and within the neighborhood.



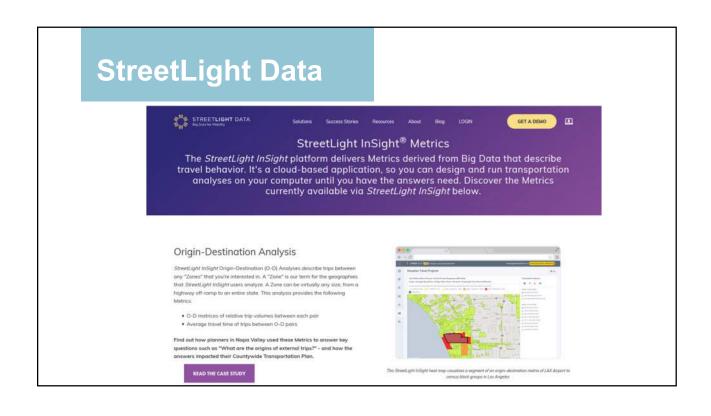
Control traffic speeds, improve intersection flow, rebuild traffic signals and add more traffic signs.



Integrate native plants, trees, lighting and outdoor seating.







O-D Study



AM Peak Data

6 AM – 9 AM, Monday-Friday

PM Peak Data

3 PM – 7 PM, Monday-Thursday

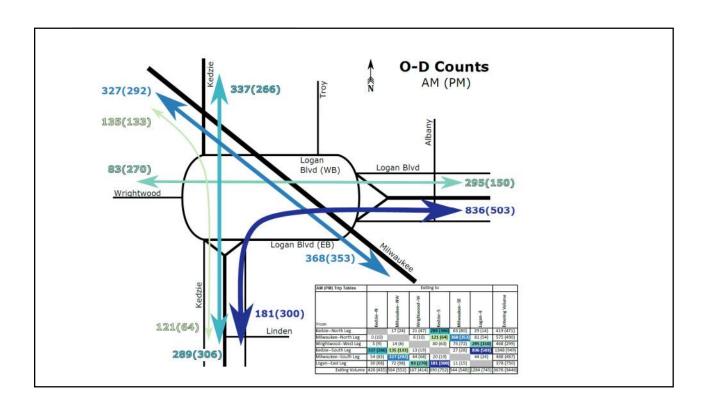
O-D Study

1	Α	С	G	J	K	L	M	N	0
						O-D Traffic	Origin Zone	Destination Zone	Avg Trip
1	Device Type	Origin Zone Name	Destination Zone Name	Day Type	Day Part	(StL Index)	Traffic (StL Index)	Traffic (StL Index)	Duration (sec)
2	Personal	Kedzie Ave - North	Kedzie Ave - North	1. Average Weekday (M-F)	1. Dook AM (6am-0am)	1/196	1496	1496	(
3	Personal	Kedzie Ave - North	Kedzie Blvd - South	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	482	1496	2223	68
4	Personal	Kedzie Ave - North	Logan Blvd - East	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	62	1496	2151	123
5	Personal	Kedzie Ave - North	Milwaukee Ave - Northwest	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	36	1496	2573	116
6	Personal	Kedzie Ave - North	Milwaukee Ave - Southeast	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	163	1496	2641	89
7	Personal	Kedzie Ave - North	Wrightwood Ave - West	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	53	1496	1047	7:
8	Personal	Kedzie Blvd - South	Kedzie Ave - North	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	326	2223	1496	8
9	Personal	Kedzie Blvd - South	Kedzie Blvd - South	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	2223	2223	2223	
LO	Personal	Kedzie Blvd - South	Logan Blvd - East	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	740	2223	2151	5
11	Personal	Kedzie Blvd - South	Milwaukee Ave - Northwest	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	110	2223	2573	11
12	Personal	Kedzie Blvd - South	Milwaukee Ave - Southeast	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	27	2223	2641	8
13	Personal	Kedzie Blvd - South	Wrightwood Ave - West	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	6	2223	1047	36
14	Personal	Logan Blvd - East	Kedzie Ave - North	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	43	2151	1496	7
15	Personal	Logan Blvd - East	Kedzie Blvd - South	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	189	2151	2223	7:
16	Personal	Logan Blvd - East	Logan Blvd - East	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	2151	2151	2151	
17	Personal	Logan Blvd - East	Milwaukee Ave - Northwest	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	86	2151	2573	100
18	Personal	Logan Blvd - East	Milwaukee Ave - Southeast	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	20	2151	2641	58
19	Personal	Logan Blvd - East	Wrightwood Ave - West	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	118	2151	1047	7
20	Personal	Milwaukee Ave - Northwest	Kedzie Ave - North	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	14	2573	1496	6
21	Personal	Milwaukee Ave - Northwest	Kedzie Blvd - South	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	153	2573	2223	7
22	Personal	Milwaukee Ave - Northwest	Logan Blvd - East	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	213	2573	2151	100
23	Personal	Milwaukee Ave - Northwest	Milwaukee Ave - Northwest	1: Average Weekday (M-F)	1: Peak AM (6am-9am)	2573	2573	2573	

O-D Study									
StL Index - AM Trip Table				To)				
From		Kedzie (N)	Milwaukee (NW)	Wrightwood (W)	Kedzie (S)	Milwaukee (SE)	Logan (E)	Origin SUM	Destination SUM
Kedzie (North Leg)			36	53	482	163	62	796	547
Milwaukee (North Leg)		14		22	153	1050	213	1452	100
Wrightwood (West Leg)		11	22		70	137	505	745	315
Kedzie (South Leg)		326	110	6		27	740	1209	913
Milwaukee (South Leg)		153	751	116	19		96	1135	139
Logan (East Leg)		43	86	118	189	20		456	161
9	SUM	547	1005	315	913	1397	1616		

O-D Study							
AM O-D Trip Percentages - Personal Vehicles -							
by origin			To)			
From	Kedzie (N)	Milwaukee (NW)	Wrightwood (W)	Kedzie (S)	Milwaukee (SE)	Logan (E)	Origin SUM
Kedzie (North Leg)		4.5%	6.7%	60.6%	20.5%	7.8%	100%
Milwaukee (North Leg)	1.0%		1.5%	10.5%	72.3%	14.7%	100%
Wrightwood (West Leg)	1.5%	3.0%		9.4%	18.4%	67.8%	100%
Kedzie (South Leg)	27.0%	9.1%	0.5%		2.2%	61.2%	100%
Milwaukee (South Leg)	13.5%	66.2%	10.2%	1.7%		8.5%	100%
Logan (East Leg)	9.4%	18.9%	25.9%	41.4%	4.4%		100%

O-D Study							
AM Trip Table (7:15 AM - 8:15 AM) Based on StreetLight Data	Exiting to						
From	Kedzie (N)	Milwaukee (NW)	Wrightwood (W)	Kedzie (S)	Milwaukee (SE)	Logan (E)	
Kedzie (North Leg)		21	29	252	86	32	
Milwaukee (North Leg)	6		9	60	418	82	
Wrightwood (West Leg)	7	14		44	86	317	
Kedzie (South Leg)	366	124	7		30	820	
Milwaukee (South Leg)	66	325	48	9		40	
Logan (East Leg)	36	72	97	156	17		
Exiting Volume (StreetLight)	481	556	189	521	637	1292	
	13%	15%	5%	14%	17%	35%	

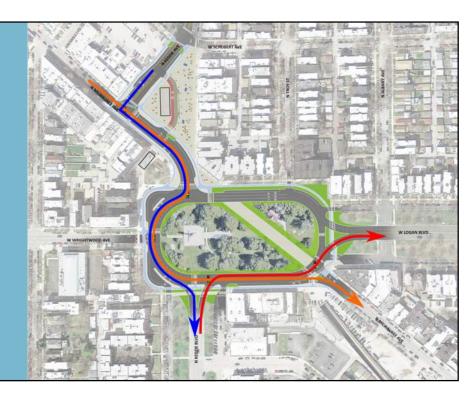






Traffic Oval

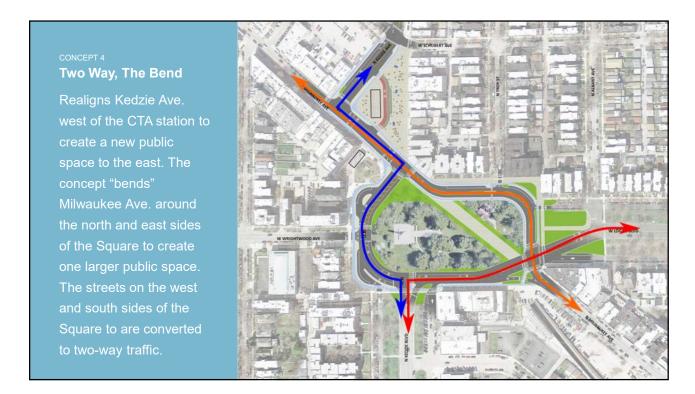
Realigns Kedzie Ave.
west of the CTA station
to create a new public
space to the east.
Milwaukee Ave. is also
re-routed around the
Square to create one
larger public space.
Traffic continues its
one-way configuration
around the Square.



Two Way, Trip Match

Maintains Kedzie Ave.
east of the CTA terminal
and Milwaukee Ave.
through the Square.
Streets on the west and
south sides of the
Square are converted to
two-way traffic and the
roadway on the north
side of the Square is
converted to park area.





What we heard

Reroute

Milwaukee Ave. to create a larger public space within the Square.

Realign

Kedzie Ave. to create new public space to the east.

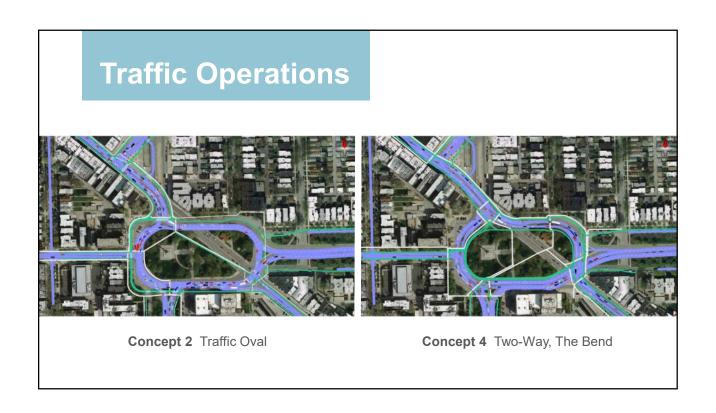
Create

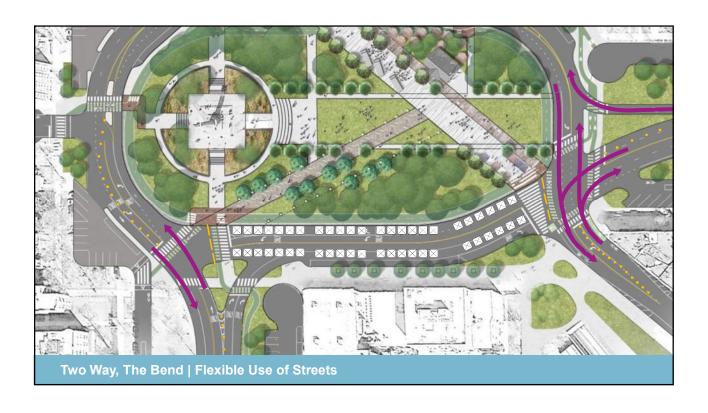
easier pedestrian access to the Square.

Questions

about how two-way traffic would operate.









RECOMMENDATION Two Way, The Bend Improvements & Impacts • Improves pedestrian access • Allows flexible use of public streets • Improves traffic and safety



