



**2017**

# Traffic Data Report

for the Illinois Tollway System

**CDM  
Smith**



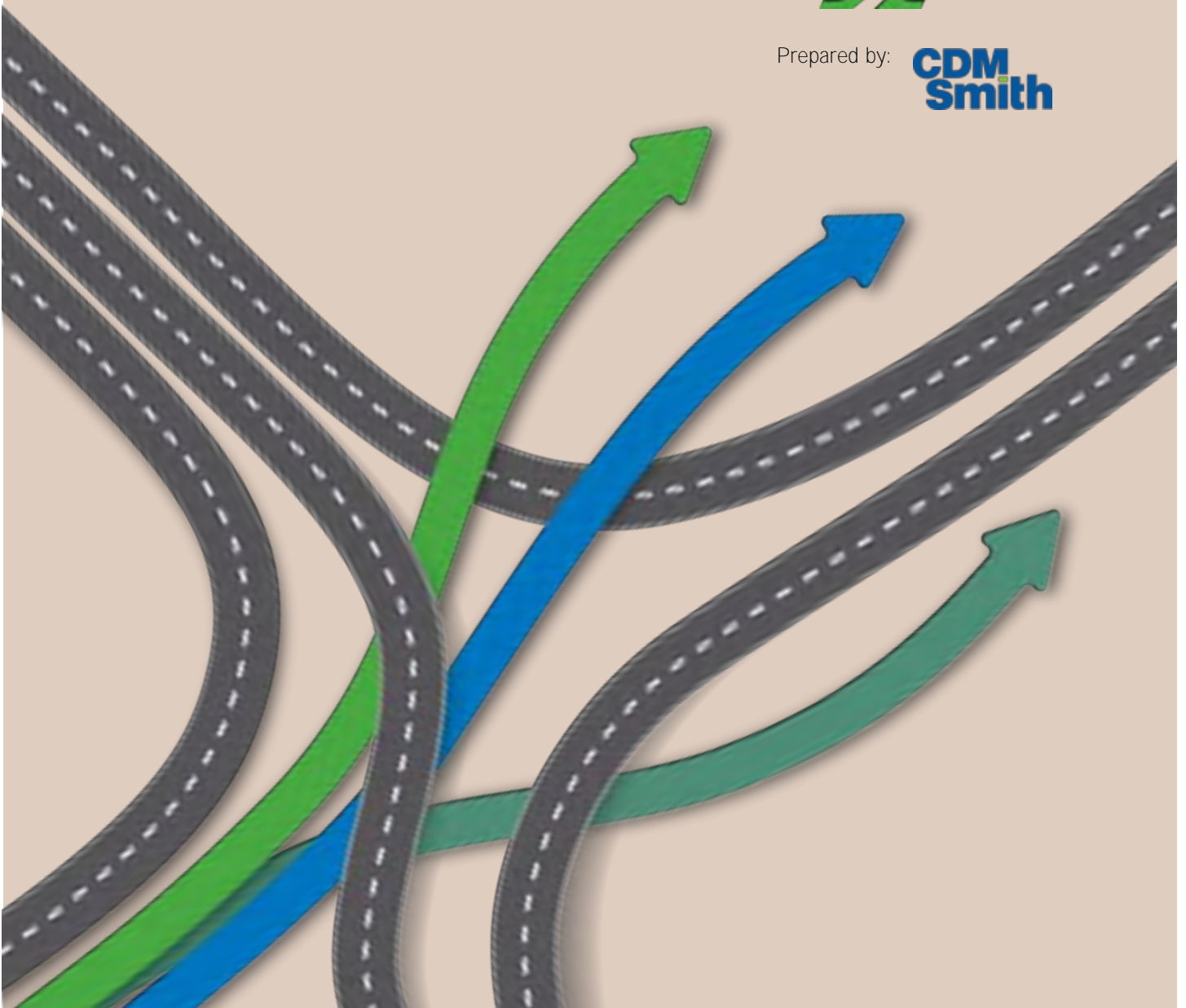
# 2017 Traffic Data Report

## For The Illinois Tollway System

Prepared for Illinois State Highway Authority



Prepared by:







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# Section 1

## The Illinois Tollway System

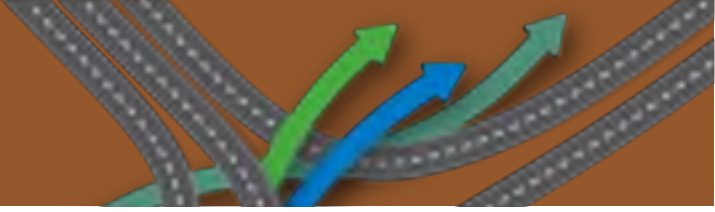






# SECTION 1

## The Illinois Tollway System



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## GENERAL INFORMATION

The 2017 Traffic Data Report is intended to provide a snapshot of the average traffic conditions throughout the Tollway system for the year 2017. The primary sources of information for the development of this report are:

- Toll plaza transaction data
- Non-tolled ramp sample traffic counts
- Physical configuration of the Tollway system and connections to other routes
- Historical traffic data for the Tollway system.

The traffic volumes presented in this report for each link of the system are primarily based on toll plaza transaction data. The data were extracted from the Electronic Transaction Consultants' Traffic Activity by Class Report and Hourly Traffic Volume Report run on January 22, 2018. Since transaction data is essentially continuous, accurate annual average daily traffic (AADT) and peak hour traffic volumes may be determined at mainline toll plazas and at tolled ramps. To obtain AADT and peak volumes in intermediate mainline segments and on non-tolled ramps, transaction data is supplemented by sample traffic counts conducted at non-tolled ramps. These sample counts are converted to AADT and peak volumes using seasonal adjustment factors and a balancing algorithm that adjusts non-toll ramp counts so that all mainline volumes are consistent with ramp exiting and entering volumes. The AADT and peak traffic estimates are then validated using historical trends and data.

Conditions influencing local traffic flow frequently cause traffic volumes to vary from historical trends. While major traffic incidents or weather events can have a significant impact on the traffic on a particular day, use of annual averages tends to diminish these types of impacts. On the other hand, some events can have an effect on typical traffic volumes on a long-term basis. One such event was the passenger car toll rate change that took effect in 2012.

In 2011, the Tollway approved the \$12 billion Move Illinois capital program. To fund the program, passenger car rates were increased 87.5 percent on January 1, 2012 for both cash and I-PASS users. Systemwide, passenger car transactions declined 4.2 percent from 2011, largely due to the toll increase. Since then, passenger car transactions have increased by an average of 4.4 percent per year.

Any reconfiguration of the Tollway system, such as a new interchange or major capacity improvement, will have a permanent impact on traffic patterns. In July 2016, the Tollway began operating the Illinois Route 390 Tollway. Formerly an Illinois Department of Transportation (IDOT) route called the Elgin-O'Hare Expressway, the highway was improved by the Tollway starting in 2014. Illinois Route 390 initially connected U.S. 20/Lake Street in Hanover Park on the west with I-290/IL 53 in Itasca on the east. In November 2017, the eastern section of the route opened on the former Thorndale Avenue, moving the eastern end to Busse Road (IL 83) in Bensenville. The western segment of the route is primarily used by commuters while the eastern segment serves freight and manufacturing centers. The route will eventually terminate at a proposed western bypass of O'Hare International Airport.

Major construction projects extending over many months also affect traffic volumes, causing a reduction in average traffic volumes on that route and increases in volumes on parallel routes. Most notably, traffic on the eastern Jane Addams Memorial Tollway dropped while undergoing major construction in 2015 and 2016 and then rebounded in 2017. Sections of the Illinois Tollway that were under significant construction in 2017 include:



## ILLINOIS TOLLWAY SYSTEM

- Jane Addams Memorial Tollway (I-90/39)
  - Reconstruction/Widening – Elgin to Tri-State Tollway
  - Interchange Ramp Repairs – Rockton Road
  - Interchange Ramp Repairs – East Riverside Boulevard
  - Bridge Repair – Burr Oak Road
  - Bridge Repair – Stone Bridge Trail
  - Bridge Repair – Illinois Route 173
  - Bridge Reconstruction – Illinois Route 23
  - Interchange Reconstruction/Park-n-Ride Construction – Barrington Road
  - Interchange Reconstruction – Roselle Road
  - Interchange Construction – Elmhurst Road
- Tri-State Tollway (I-94/294)
  - Interchange Ramp Improvements – Grand Avenue (IL Route 132)
  - Noise Wall – Ballard Road to Golf Road
  - Bridge Repair – Mile Long Bridge
  - Bridge, Retaining Wall Repairs & Emergency Turnarounds – Balmoral Avenue to Butterfield Road
  - Bridge/Ramp Repairs – Bishop Ford Freeway (I-94/IL 394)
  - Bridge/Ramp Repairs – 95th Street (US 12/20)
- Reagan Memorial Tollway (I-88)
  - Roadway Resurfacing – U.S. Route 30 to Illinois Route 251
  - Interchange Improvements – Farnsworth Avenue
- Illinois Route 390 Tollway (IL 390)
  - New Construction – I-290 to Illinois Route 83
  - Interchange Reconstruction – I-290

Off-system construction projects in the Tollway service area, particularly those on the expressway system, can also have a significant impact on Tollway traffic volumes. During 2016, construction projects with the potential to impact traffic on the Tollway system included the following:

## IDOT EXPRESSWAY SYSTEM

- I-90 – Roadway Improvements – I-190 to Harlem Avenue
- I-290 & I-90/94 – Jane Byrne Interchange – I-90/94 at I-290
- I-55 – Interchange Reconstruction – U.S. Route 41
- I-55 – Roadway Resurfacing – Weber Road to Willow Springs Road
- I-80/94 – Roadway Rehabilitation (INDOT) – Illinois State Line to I-65

## ARTERIALS

- Illinois Route 19 – Railroad Bridge Construction – York Road over Irving Park Road, Bensenville
- East River Road / Cumberland Flyover – Roadway Improvements – I-190 from O'Hare Airport to Cumberland Avenue, Chicago
- Cicero Avenue (IL 50) – Cal Sag River Bridge Repair – 127th Street to 135th Street, Crestwood
- Torrence Avenue – Bridge Replacement – over Grand Calumet River, Chicago
- U.S. Route 30 – Reconstruction/Widening – I-55 to Illinois Route 59, Plainfield
- U.S. Route 6/Illinois Route 7 (159th Street) – Reconstruction – I-355 to U.S. Route 45, Orland Park



The listed projects may have caused variations in traffic patterns affecting Tollway traffic to varying degrees and may be positive or negative. These impacts are not individually quantified, but serve to illustrate the need for the reader to be cautious when using average daily or peak hour volumes from a single year.

#### TRAFFIC DEFINITIONS AS USED HEREIN

Traffic volumes are balanced over the entire system so that mainline and ramp volumes are consistent along a route; therefore the listed volumes are a precise numerical average only in locations where there is a toll plaza and complete data is available. Three types of traffic volumes are provided in this report and are defined below.

Annual Average Daily Traffic (AADT) Volume -- is an approximation of the numerical average daily traffic volume for each day of 2017.

AM Peak Hour Volume -- is an approximation of the 85<sup>th</sup> percentile hourly traffic volume in the highest AM hours (6:00-8:00 AM) on all Mondays through Thursdays in 2017, excluding holidays.

PM Peak Hour Volume -- is an approximation of the 85<sup>th</sup> percentile hourly traffic volume in the highest PM hours (4:00-6:00 PM) on all Mondays through Thursdays in 2017, excluding holidays.

Weekends – consist of Fridays, Saturdays, and Sundays that do not fall on holidays.

#### ROADWAY PERFORMANCE MEASURES

Roadway performance measures are used to illustrate congestion on the Illinois Tollway system. Performance measures are tabulated for all weekdays, Monday through Friday, including holidays. AM and PM peak hours are defined as 6:00-9:00 AM and 4:00-7:00 PM, respectively, for roadway performance measures. With the exception of the newly opened eastern section of IL 390, for which INRIX data is unavailable, calculations use travel time data purchased from INRIX. INRIX obtains speed and location data from a variety of Global Positioning System (GPS) devices, such as smart phone apps and in-vehicle navigation systems,. The 5-minute INRIX raw data and is aggregated it to 15-minute or 1-hour intervals for this report. Previously, roadway performance measures were calculated using travel times from I-PASS transaction data aggregated to the one-hour level. The eastern section of IL 390, which still uses I-PASS transaction data, while roadway performance measures for all other routes in this report to use INRIX data. Roadway performance measure terms are defined below.

Average Travel Time Index – is the ratio of the average peak period travel time to an off-peak travel time (assumed to have a free-flow speed of 60 mph). For example, a value of 1.20 means that average peak travel times are 20% longer than off-peak (free-flow) travel times.

Planning Time Index – is the ratio of the total time needed to ensure 95% on-time arrival as compared to a free-flow travel time. For example, a value of 1.20 means that a traveler should budget an additional 4 minute buffer for a 20-minute average peak trip time to ensure 95% on-time arrival.

Total Delay – is a ratio of additional travel time spent by drivers, above the travel times required under free-flow conditions, to vehicle-miles traveled (measured in vehicle-hours/1,000 VMT).



Vehicle-Miles Traveled (VMT) – is the sum of distances traveled by all motor vehicles within a section of the Illinois Tollway.

Average Daily Delay – is the additional travel time spent by drivers, above the travel times required under free-flow conditions (measured in vehicle-hours).

Percent Congested Travel – is the ratio of congested vehicle-miles-traveled to total vehicle-miles-traveled. Congestion is defined as any one-hour time period in which the actual travel time is greater than the free-flow travel time.

The Tollway system is divided into twelve sections for reporting performance measures. They are described in the table below.

Section	Route Designation	Beginning Milepost	Ending Milepost
Eastern Jane Addams Memorial Tollway	I-90	54.6	79.1
Western Jane Addams Memorial Tollway	I-90/I-39	2.7	54.6
Northern Tri-State Tollway	I-94	1.2	30.0
North Central Tri-State Tollway	I-294	40.7	52.8
South Central Tri-State Tollway	I-294	24.1	40.7
Southern Tri-State Tollway	I-294	0.0	24.1
Eastern Reagan Memorial Tollway	I-88	116.8	140.4
Western Reagan Memorial Tollway	I-88	44.2	116.8
Northern Veterans Memorial Tollway	I-355	22.6	29.8
Central Veterans Memorial Tollway	I-355	12.3	22.6
Southern Veterans Memorial Tollway	I-355	0.0	12.3
Illinois Route 390 Tollway	IL 390	6.0	15.8

OTHER DEFINITIONS

30<sup>th</sup> Hourly Volume (30<sup>th</sup> HV) – is the 30<sup>th</sup> highest hourly volume occurring at a plaza during 2017 regardless of day or time.

PC – Passenger Cars. Motorcycles and two-axle, four wheeled vehicles are considered passenger cars.

CV – Commercial Vehicles. All vehicles with more than four wheels, including passenger cars towing trailers are considered commercial vehicles.



HOLIDAYS AND DAYS WITH UNCHARACTERISTIC TRAFFIC PATTERNS

Due to differing traffic patterns, major holidays are classified separately from weekdays and weekends. Additionally, the day immediately preceding some holidays are considered holidays for the purpose of this report due to their unusual traffic characteristics.

Below is a list of holidays and their dates in 2017.

New Years	Monday, January 2
Memorial Day	Friday, May 26
	Monday, May 29
Independence Day	Tuesday, July 4
Labor Day	Friday, September 1
	Monday, September 4
Thanksgiving	Wednesday, November 22
	Thursday, November 23
	Friday, November 24
Christmas	Monday, December 25



**TABLE 1-A: SYSTEM WIDE AVERAGE DAILY TRAFFIC DATA**

Year	Average Daily Total			Average Trip
	Vehicles	Vehicle Miles	Transactions	Length (miles)
1959	62,321	1,753,465	117,637	28.14
1960	87,358	2,346,638	160,973	26.86
1961	109,731	2,659,991	194,577	24.24
1962	132,668	2,985,415	222,322	22.50
1963	134,818	2,878,143	211,939	21.35
1964	138,876	2,971,427	217,831	21.40
1965	158,170	3,303,069	247,469	20.88
1966	172,263	3,705,230	283,152	21.51
1967	186,379	3,973,250	313,648	21.32
1968	206,449	4,376,634	368,342	21.20
1969	238,245	4,821,981	440,997	20.24
1970	254,586	5,180,119	485,214	20.35
1971	279,326	5,669,283	533,241	20.30
1972	303,014	5,892,861	561,173	19.45
1973	342,322	6,353,650	621,905	18.56
1974	349,315	6,450,658	637,824	18.47
1975	369,435	6,780,810	666,002	18.35
1976	404,502	7,356,671	723,102	18.19
1977	431,215	7,850,792	770,872	18.21
1978	465,613	8,392,536	824,085	18.02
1979	479,525	8,685,523	851,116	18.11
1980	472,518	8,578,161	842,742	18.15
1981	493,226	8,846,114	866,299	17.94
1982	500,961	8,820,131	869,866	17.61
1983	527,505	9,273,782	906,308	17.58
1984	544,532	9,779,084	958,999	17.96
1985	587,614	10,283,396	1,008,812	17.50
1986	629,278	11,295,635	1,102,413	17.95
1987	672,160	11,689,569	1,172,861	17.39
1988	721,177	12,902,373	1,269,782	17.89
1989	745,381	13,323,423	1,307,767	17.87
1990	896,699	14,672,385	1,487,801	16.36
1991	946,112	14,913,846	1,547,094	15.76
1992	993,920	15,290,401	1,572,740	15.38
1993	1,034,054	15,612,752	1,607,475	15.10
1994	1,041,362	17,231,387	1,732,312	16.55
1995	1,088,510	18,271,480	1,827,959	16.79
1996	1,123,270	18,878,017	1,890,858	16.81
1997	1,193,230	19,316,298	1,941,011	16.19
1998	1,218,030	19,550,833	1,984,130	16.05
1999	1,247,410	20,374,456	1,972,261	16.33
2000	1,277,940	20,647,836	2,011,583	16.16
2001	1,322,130	21,431,414	2,088,631	16.21
2002	1,337,005	22,274,640	2,153,241	16.66
2003	1,363,990	22,791,808	2,196,240	16.71
2004	1,404,110	23,382,734	2,249,030	16.65
2005	1,344,410	22,381,137	2,138,209	16.65
2006	1,333,990	22,184,397	2,093,494	16.63
2007	1,412,430	22,775,523	2,159,704	16.13
2008	1,382,450	22,005,034	2,125,361	15.92
2009	1,381,050	21,951,844	2,124,254	15.90
2010	1,402,290	23,363,833	2,238,582	16.66
2011	1,422,040	23,713,815	2,287,292	16.68
2012	1,379,220	22,776,184	2,196,121	16.51
2013	1,401,090	23,251,182	2,235,730	16.60
2014	1,420,440	23,741,315	2,296,656	16.71
2015	1,475,930	25,006,490	2,415,385	16.94
2016	1,575,670	25,905,518	2,618,430	16.44
2017	1,654,440	26,821,587	2,781,408	16.21



**TABLE 1-B: ANNUAL TRAFFIC TOTALS**

Tollway Route	Vehicles	Vehicle Miles			Transactions
		PC	CV	Total	
Jane Addams Memorial	127,552,900	1,955,077,806	342,257,379	2,297,335,185	199,237,896
Tri-State	245,345,700	3,665,163,330	661,649,965	4,326,813,295	416,990,149
Reagan Memorial	91,928,900	1,644,064,340	235,000,920	1,879,065,260	154,068,185
Veterans Memorial	102,919,050	1,035,003,131	118,145,384	1,153,148,515	172,167,526
Illinois Route 390*	26,663,570	105,714,556	8,339,599	114,054,155	54,869,980
<b>Total</b>	<b>594,410,120</b>	<b>8,405,023,163</b>	<b>1,365,393,247</b>	<b>9,770,416,410</b>	<b>997,333,736</b>

\* Eastern IL 390 opened November 1, 2017. All annual totals are the sum of individual totals by route.

**TABLE 1-C: AVERAGE DAILY TRAFFIC TOTALS\*\***

Tollway Route	Vehicles	Vehicle Miles			Transactions
		PC	CV	Total	
Jane Addams Memorial	349,460	5,356,378	937,691	6,294,069	545,857
Tri-State	672,180	10,041,543	1,812,740	11,854,283	1,142,439
Reagan Memorial	251,860	4,504,286	643,838	5,148,124	422,105
Veterans Memorial	281,970	2,835,625	323,686	3,159,311	471,692
Illinois Route 390	98,970	306,962	25,706	332,669	198,834
<b>Total</b>	<b>1,654,440</b>	<b>23,044,794</b>	<b>3,743,661</b>	<b>26,788,456</b>	<b>2,732,421</b>

\*\* Eastern IL 390 opened November 1, 2017. Average Daily Totals for that section will not equal the annual totals divided by 365 days.

Numbers may not add due to rounding.

**TABLE 1-D: SYSTEMWIDE MONTHLY FACTORS**

Month	Factor
January	0.88
February	0.93
March	0.97
April	0.99
May	1.03
June	1.08
July	1.04
August	1.07
September	1.04
October	1.03
November	1.00
December	0.95

Transactions on the eastern section of the Illinois Route 390 Tollway are excluded from monthly factors calculations.





**TABLE 1-E: ANNUAL TRANSACTIONS BY VEHICLE 2016-2017**

Tollway Route	Passenger Vehicles		Commercial Vehicles		% CV	
	2016	2017	2016	2017	2016	2017
Jane Addams Memorial	151,058,487	176,759,929	20,350,580	22,477,967	11.9%	11.3%
Tri-State	353,972,385	357,393,381	58,411,610	59,596,768	14.2%	14.3%
Reagan Memorial	139,411,620	140,759,555	13,498,343	13,308,630	8.8%	8.6%
Veterans Memorial	155,530,991	157,765,732	14,055,605	14,401,794	8.3%	8.4%
Illinois Route 390	23,669,239	50,789,522	1,931,968	4,080,458	7.5%	7.4%
<b>Total</b>	<b>823,642,722</b>	<b>883,468,119</b>	<b>108,248,106</b>	<b>113,865,617</b>	<b>11.6%</b>	<b>11.4%</b>

**TABLE 1-F: I-PASS PARTICIPATION RATE\* 2016-2017**

Tollway Route	2016	2017	Change
Jane Addams Memorial	85.2%	86.5%	1.3%
Tri-State	85.3%	86.0%	0.7%
Reagan Memorial	88.6%	89.1%	0.4%
Veterans Memorial	91.2%	91.5%	0.3%
Illinois Route 390	90.2%	91.6%	1.4%
<b>Total</b>	<b>87.0%</b>	<b>87.8%</b>	<b>0.8%</b>

\*Adjusted I-PASS participation rate as provided by the Illinois Tollway



**TABLE 1-G: HISTORY OF TOLLWAY ADDITIONS BY MILEAGE 1959 - 2017**

Year	Mainline Lane - Miles	Ramp Lane - Miles	Total Lane - Miles
1959	811	88	899
1960	812	88	900
1963	812	89	901
1966	822	92	914
1967	839	93	932
1970	839	94	933
1971	839	96	935
1972	840	97	937
1973	856	98	954
1974	1,154	109	1,263
1975	1,176	110	1,286
1976	1,200	110	1,310
1977	1,222	110	1,332
1979	1,235	110	1,345
1982	1,235	115	1,350
1983	1,235	115	1,350
1984	1,237	117	1,354
1986	1,237	118	1,355
1987	1,249	118	1,367
1988	1,249	119	1,368
1989	1,342	154	1,496
1990	1,342	156	1,498
1991	1,342	157	1,499
1992	1,354	159	1,513
1993	1,413	159	1,572
1994	1,417	164	1,581
1995	1,417	167	1,584
1996	1,427	169	1,596
1997	1,428	175	1,603
1998	1,444	179	1,623
1999	1,459	181	1,641
2000	1,467	183	1,649
2001	1,469	184	1,653
2002	1,470	184	1,654
2003	1,473	184	1,657
2004	1,477	185	1,662
2005	1,484	186	1,670
2006	1,501	186	1,687
2007	1,575	210	1,785
2008	1,599	267	1,866
2009	1,741	305	2,046
2010	1,741	305	2,046
2011	1,741	305	2,046
2012	1,744	305	2,049
2013	1,744	309	2,053
2014	1,816	316	2,132
2015	1,816	322	2,138
2016	1,919	340	2,259
2017	1,965	317	2,281

2017 lane miles provided by WSP.  
 Prior year values taken from AECOM 2016 Consulting Engineer's Annual Report, Appendix I: Tollway System Expansion History.



**TABLE 1-H: HISTORY OF TOLLWAY ADDITIONS BY LOCATION 1959 — 2017**

Year	Mainline Lane Miles	Ramp Lane Miles	Additions
1959	811	88	Original Tollway (First full year of operation)
1960	812	88	Tri-State Tollway & Jane Addams Memorial Tollway widened (3rd Lane) <b>at O'Hare Airport</b>
1963	812	88.5	Tri-State Tollway Willow Road Interchange (2 Ramps)
1966	822	91.5	Tri-State Tollway widened (3rd Lane) in both directions MP 0.0 to MP 5.0; I-80 Interchange added (3 Ramp-Miles)
1967	839	92.5	Jane Addams Memorial Tollway widened (3rd Lane) in both directions MP 2.5 to MP 11.0; Tri-State Tollway Lincoln Oasis ramps addition (4 Ramps)
1970	839	94	Jane Addams Memorial Tollway Arlington Heights Interchange addition
1971	839	96	Tri-State Tollway Plaza 37 ramp widening; Willow Road Interchange addition
1972	840	96.5	Tri-State Tollway widened (4th Lane) MP 39.0 to MP 40.0; Jane Addams Memorial Tollway IL Route 47 Interchange addition
1973	856	98	Tri-State Tollway widened (3rd Lane) in both directions MP 16.0 to MP 24.0; Plaza 32 ramps
1974	1154	109	Reagan Memorial Tollway Extension constructed; Tri-State Tollway widened (3rd Lane) in both directions MP 44.0 to MP 49.0; Jane Addams Memorial Tollway widened (3rd Lane) MP 11.0 to MP 17.0
1975	1176	110	Jane Addams Memorial Tollway widened (3rd Lane) in both directions MP 5.0 to MP 16.0; Barrington Road Interchange
1976	1200	110	Tri-State Tollway widened (3rd Lane) in both directions MP 49.0 to MP 53.0 and MP 62.5 to MP 70.5
1977	1222	110	Reagan Memorial Tollway widened (3rd Lane) in each direction MP 145.0 to 156.0
1979	1235	110	Tri-State Tollway widened (3rd Lane) in both directions MP 70.5 to MP 77.0
1982	1235	114.5	Reagan Memorial Tollway U.S. Route 51 Interchange & IL Route 59 Interchange ramps; Tri-State Tollway Hinsdale Oasis ramps, Plaza 37 extended & widened
1984	1237	117	Jane Addams Memorial Tollway widened (4th Lane) westbound MP 1.2 to MP 2.5 & Roselle Road Interchange ramps; Tri-State Tollway widened (4th Lane) northbound MP 41.5 to MP 42.5
1986	1237	117.5	Reagan Memorial Tollway Naperville Road Interchange (1 Ramp added)
1987	1249	118	Reagan Memorial Tollway widened (3rd Lane) in both directions MP 123.5 to MP 129.5; Jane Addams Memorial Tollway East Riverside Boulevard Interchange ramp
1988	1249	119	Reagan Memorial Tollway Orchard Road Interchange
1989	1342	154	Veterans Memorial Tollway Opened; Tri-State Tollway 95th Street Interchange (2 additional ramps) & IL Route 60 Interchange (2 additional ramps); Jane Addams Memorial Tollway East Riverside Boulevard Interchange (2 additional ramps)
1990	1342	155.5	Tri-State Tollway Lake Cook Road Interchange (2 ramps added); Jane Addams Memorial Tollway Randall Road Interchange (2 ramps added)
1991	1342	157	Tri-State Tollway 159th Street Interchange (4 ramps added)
1992	1354	158.5	Reagan Memorial Tollway IL Route 59 Interchange (4 ramps added); Jane Addams Memorial Tollway widened in both directions MP 16.6 to MP 22.6; Tri-State Tollway Plaza 32 to River Road ramp
1993	1412.5	159	Tri-State Tollway widened in both directions 95th Street to I-190; Balmoral Avenue Interchange (1 ramp added)
1994	1416.6	164.3	Tri-State Tollway 75th Street Interchange; <b>Reagan Memorial Tollway Winfield Road Interchange</b> ; Jane Addams Memorial Tollway Beverly Road Interchange; Veterans Memorial Tollway widened (3rd Lane) MP 14.4 to MP 18.5

2017 lane miles provided by WSP.

Prior year values taken from AECOM 2016 Consulting Engineer's Annual Report, Appendix I: Tollway System Expansion History.

(cont'd)



**TABLE 1-H: HISTORY OF TOLLWAY ADDITIONS BY LOCATION 1959 — 2017**

Year	Mainline Lane Miles	Ramp Lane Miles	Additions
1995	1416.6	167.3	Tri-State Tollway Lake Cook Road Exit Ramp, Southbound Buckley Road (Route 137) Interchange; Jane Addams Memorial Tollway Rockton Road Interchange
1997	1428.2	175.2	Veterans Memorial Tollway widened (3rd Lane) in both directions MP 22.6 to MP 27.9; Jane Addams Memorial Tollway Randall Road Interchange, Barrington Road & Roselle Road Interchange Plazas w/ additional westbound lane; Tri-State Tollway IL Route 137 Interchange expansion; Reagan Memorial Tollway Orchard Road Interchange
1998	1443.5	179.1	Reagan Memorial Tollway widened MP 118.7 (Plaza 61 – <b>Aurora</b> ) to MP 123.5 (IL Route 59); Edens Spur Plaza 24 (Edens Spur); Jane Addams Memorial Tollway Fox River & Plaza 9 (Elgin) widening MP 21.75 to MP 22.0; U.S. Route 20 Bypass exit lane added; Reagan Memorial Tollway Peace Road Interchange (2 ramps added); Tri-State Tollway Willow Road Interchange (2 ramps added); Golf Road Interchange Plaza 28 lanes; Veterans Memorial Tollway 63rd Street interchange Plaza 85 widening; Ogden Avenue Interchange Plaza 81 widening
1999	1459.4	181.1	Veterans Memorial Tollway Plaza 73 (Army Trail Road); Boughton Road Interchange and Plaza expansion; Jane Addams Memorial Tollway I-290/Route 53 Interchange & Plaza 15 expansion; Tri-State Tollway widened (4th Lane) northbound from Edens Spur to Half Day Road
2000	1466.8	182.6	Reagan Memorial Tollway Plaza 61 (Aurora) I-PASS Express expansion MP 117.6 to MP 118.2; Tri-State Tollway widened (4th Lane) southbound from Half Day Road to Edens Spur Split and additional southbound exit ramp length to Lake Cook Road (MP 52.9 to MP 56.4); Tri-State Tollway Plaza 41 (163rd Street) I-PASS only lanes & increased ramp tapers to 159th Street Interchange MP 5.0 to MP 6.5
2001	1468.6	183.9	Tri-State Tollway widened from Plaza 36 (82nd Street) to 95th Street (MP 18.0 to MP 19.8); <b>Deerfield Road northbound exit ramp added from Edens Spur and northbound entrance ramp added from Lake Cook Road (MP 52.9);</b> Grand Avenue Interchange ramp added (MP 69.8)
2002	1469.6	183.9	Reagan Memorial Tollway Plaza 61 (Aurora) reconfigure for additional I-PASS Express Lane eastbound (MP 117.6 to MP 118.2); Tri-State Tollway Plaza 29 (Touhy) additional I-PASS Only Lane northbound (MP 41.8)
2003	1473.3	183.9	Jane Addams Memorial Tollway Plaza 19 (River Road) additional I-PASS Only Lanes (MP 0.6); Plaza 17 (Devon Avenue) additional I-PASS Only Lanes (MP 1.7); Reagan Memorial Tollway Plaza 51 (York Road) westbound convert shoulder to increase I-PASS Only Lane taper (MP 138.2)
2004	1477.2	185.1	Jane Addams Memorial Tollway Route 31 Interchange additional ramp lane at Plaza 11 (MP 24.1); Plaza 9 (Elgin) additional lane in both directions (MP 25.0); Reagan Memorial Tollway Farnsworth Avenue Interchange additional ramp lane at Plaza 59 (MP 19.3); Plaza 51 (York Road) converted shoulder eastbound on both sides of plaza (MP 138.2); Veterans Memorial Tollway widened northbound from Maple Avenue to Ogden Avenue (MP 18.3 to MP 19.5); I-55 Interchange (southbound exit to southbound I-55) additional ramp lane (MP 12.3)

(cont'd)

2017 lane miles provided by WSP.  
Prior year values taken from AECOM 2016 Consulting Engineer's Annual Report, Appendix I: Tollway System Expansion History.



## TABLE 1-H: HISTORY OF TOLLWAY ADDITIONS BY LOCATION 1959 — 2017

Year	Mainline Lane Miles	Ramp Lane Miles	Additions
2005	1484	185.5	Reagan Memorial Tollway widened in both directions from MP 123.3 to MP 126.7; Jane Addams Memorial Tollway Randall Road Interchange additional ramp lane (MP 26.6)
2006	1488.6	185.5	Tri-State Tollway widened in both directions from IL Route 394 to Halsted Street; ORT projects removed I-PASS auxiliary lanes
2007	1562.4	209.7	Veterans Memorial Tollway South Extension Added; Jane Addams Memorial Tollway IL Route 173 Interchange (MP 79.3) ramps added
2008	1586.8	209.7	Veterans Memorial Tollway widened northbound from 75th Street (MP 15.5) to Ogden Avenue (MP 19.5); Reagan Memorial widened in both directions from Washington Street (MP 126.6) to Finley Road (MP 132.0); Tri-State Tollway widened in both directions from Stearns School Road (MP 70.8) to IL Route 173 (MP 75.7)
2009	1741.2	305.5	<b>Veteran's Memorial Tollway widened southbound from</b> 75th Street (MP 15.5) to Ogden Avenue (MP 19.5); Reagan Memorial Tollway widened in both directions from Finley Road (MP 132.0) to IL Route 83 (MP 137.1); Tri-State Tollway widened in both directions from 163rd Street (MP 6.0) to 95th Street (MP 17.6) and from Balmoral Avenue (MP 40.0) to Stearns School Road (MP 70.8); Jane Addams Memorial Tollway widened in both directions from Newburg Road (MP 61.4) to Rockton Road (MP 75.5); Irene Road Interchange westbound exit ramp added
2010	1741.4	304.4	<b>Reagan Memorial Tollway Farnsworth Interchange Ramp "A" widened at Plaza 59</b> for IPO Lane (MP 119.2); System mapping of lane miles updated to field quantity
2011	1741.4	305	Tri-State Tollway Balmoral Interchange (MP 39.8) exit ramp from northbound I-294 added
2012	1743.9	305	Reagan Memorial Tollway (I-88) Roadway Reconstruction and Widening (MP 113.4 to MP 115.8)
2013	1743.9	308.7	Jane Addams Memorial Tollway reconfigured Illinois Route 47 Interchange opened
2014	1816.1	316.3	Reconstruction of the Jane Addams Memorial Tollway (I-90); Construction of the Tri-State (I-294) & Interstate 57 Interchange
2015	1816.4	321.8	Jane Addams Memorial Tollway Irene Road ramp construction, Genoa Road Interchange reconstruction; Tri-State Tollway reconstructed Grand Avenue (IL 132) Interchange; Reagan Memorial Tollway reconstructed IL Route 59 Interchange
2016	1918.5	340.2	Widening of the Jane Addams Memorial Tollway (I-90) from east of Elgin Plaza 9 to the eastern terminus; Widening of the existing Illinois Route 390 Tollway (IL 390) from Lake Street to Rohlwing Road; Construction of the Illinois Route 390 Tollway (IL 390) & Interstate 290 Interchange
2017	1964.9	316.5	Jane Addams Memorial Tollway Barrington Road interchange reconstruction, Roselle Road interchange reconstruction, Elmhurst Road interchange reconstruction; Illinois Route 390 Tollway eastern segment constructed from I-290 to Busse Road (IL 83)

2017 lane miles provided by WSP.

Prior year values taken from AECOM 2016 Consulting Engineer's Annual Report, Appendix I: Tollway System Expansion History.



**TABLE 1-I: SUMMARY OF TRAFFIC CHARACTERISTICS AT PLAZAS (Annual Transactions)**

Plaza	Traffic			I-PASS Usage <sup>1</sup>			
	Total (000s)	PC%	CV%	Total (000s)	Total% <sup>2</sup>	PC%	CV%
1	20,084	71.4%	28.6%	15,018	74.8%	71.0%	84.3%
2	3,210	92.4%	7.6%	2,810	87.5%	87.3%	90.4%
3	1,689	88.2%	11.8%	1,491	88.3%	88.0%	90.2%
4	2,255	90.0%	10.0%	1,988	88.2%	87.9%	90.4%
5	8,051	77.3%	22.7%	6,599	82.0%	79.8%	89.3%
5A	508	87.0%	13.0%	443	87.2%	87.1%	88.0%
6	7,650	93.2%	6.8%	7,130	93.2%	93.2%	92.7%
7	8,991	79.6%	20.4%	7,433	82.7%	80.8%	90.0%
8	2,687	91.8%	8.2%	2,408	89.6%	89.5%	90.8%
9	34,695	86.9%	13.1%	30,250	87.2%	86.8%	89.7%
10	5,582	96.9%	3.1%	5,006	89.7%	89.8%	86.5%
11	7,247	94.4%	5.6%	6,563	90.6%	90.6%	90.6%
12	8,878	97.5%	2.5%	8,029	90.4%	90.5%	86.6%
12A	2,095	97.8%	2.2%	1,909	91.1%	91.1%	89.8%
13	2,288	93.1%	6.9%	1,992	87.1%	87.0%	88.6%
14	2,649	93.6%	6.4%	2,415	91.2%	91.3%	89.2%
15	12,082	87.4%	12.6%	10,630	88.0%	87.7%	90.0%
16	4,882	92.9%	7.1%	4,385	89.8%	89.8%	90.2%
17	32,461	93.0%	7.0%	28,383	87.4%	87.2%	90.3%
18	7,024	92.4%	7.6%	6,445	91.8%	91.8%	91.3%
18A	1,796	85.5%	14.5%	1,641	91.4%	91.5%	90.8%
19	22,432	95.8%	4.2%	19,366	86.3%	86.3%	87.7%
Jane Addams Memorial Total	199,238	88.7%	11.3%	172,333	86.5%	86.3%	88.4%

**TRI-STATE TOLLWAY**

20	2,591	93.9%	6.1%	2,379	91.8%	91.8%	92.2%
21	29,294	81.1%	18.9%	24,612	84.0%	82.2%	91.7%
22	3,784	96.4%	3.6%	3,438	90.8%	91.0%	87.5%
23	4,082	96.9%	3.1%	3,726	91.3%	91.4%	88.0%
24	21,013	93.2%	6.8%	18,033	85.8%	85.7%	87.3%
26	6,341	95.7%	4.3%	5,792	91.3%	91.5%	88.6%
27	6,311	95.0%	5.0%	5,855	92.8%	92.9%	90.5%
28	6,587	96.5%	3.5%	6,020	91.4%	91.6%	86.9%
29	36,477	90.3%	9.7%	32,129	88.1%	87.7%	91.9%
30	4,469	94.7%	5.3%	4,091	91.5%	91.5%	92.5%
31	9,914	98.1%	1.9%	8,771	88.5%	88.5%	85.1%
32	6,410	98.3%	1.7%	5,531	86.3%	86.4%	79.4%
33	40,403	89.7%	10.3%	35,581	88.1%	87.6%	92.0%
34	2,469	60.5%	39.5%	2,267	91.8%	90.1%	94.5%
35	56,998	83.1%	16.9%	49,112	86.2%	85.2%	91.0%
36	30,802	83.3%	16.7%	26,448	85.9%	84.7%	91.6%
37	23,655	84.9%	15.1%	20,763	87.8%	87.0%	92.2%
38	6,163	84.1%	15.9%	5,252	85.2%	84.6%	88.6%
39	30,083	83.1%	16.9%	25,760	85.6%	84.5%	91.2%
40	2,371	83.7%	16.3%	2,037	85.9%	85.2%	89.9%
41	39,559	78.6%	21.4%	32,956	83.3%	81.2%	91.1%
42	13,466	86.7%	13.3%	11,998	89.1%	88.7%	92.0%
43	13,177	75.4%	24.6%	10,192	77.3%	76.1%	81.1%
45	12,382	74.8%	25.2%	9,580	77.4%	75.8%	82.1%
47	8,189	90.8%	9.2%	6,312	77.1%	75.6%	92.0%
Tri-State Total	416,990	85.7%	14.3%	358,635	86.0%	85.3%	90.2%

<sup>1</sup> Adjusted I-PASS percentage provided by Illinois Tollway

<sup>2</sup> Percent of total traffic

(cont'd)



**TABLE 1-I: SUMMARY OF TRAFFIC CHARACTERISTICS AT PLAZAS (Annual Transactions)**

REAGAN MEMORIAL TOLLWAY

Plaza	Traffic			I-PASS Usage <sup>1</sup>			
	Total (000s)	PC%	CV%	Total (000s)	Total% <sup>2</sup>	PC%	CV%
51	33,856	93.4%	6.6%	30,091	88.9%	88.7%	92.1%
52	32,838	93.0%	7.0%	29,278	89.2%	88.9%	92.0%
53	3,190	98.0%	2.0%	2,957	92.7%	92.7%	92.0%
54	3,102	96.9%	3.1%	2,819	90.9%	91.0%	87.7%
55	1,607	98.5%	1.5%	1,461	90.9%	90.9%	92.5%
56	5,624	98.6%	1.4%	5,196	92.4%	92.4%	89.5%
57	4,107	97.9%	2.1%	3,794	92.4%	92.4%	89.8%
58	2,771	97.8%	2.2%	2,561	92.4%	92.6%	85.8%
59	9,456	92.3%	7.7%	8,278	87.5%	87.4%	89.7%
60	4,071	94.0%	6.0%	3,795	93.2%	93.3%	92.9%
61	31,726	89.5%	10.5%	28,427	89.6%	89.3%	92.2%
63	1,293	93.6%	6.4%	1,144	88.5%	88.2%	91.9%
64	1,595	88.5%	11.5%	1,443	90.5%	89.9%	94.8%
65	3,516	89.6%	10.4%	3,182	90.5%	90.0%	95.2%
66	7,747	74.8%	25.2%	6,565	84.7%	82.3%	92.1%
67	1,992	95.6%	4.4%	1,758	88.3%	88.1%	91.2%
69	5,577	75.0%	25.0%	4,463	80.0%	76.7%	90.2%
Reagan Memorial Total	154,068	91.4%	8.6%	137,213	89.1%	88.8%	91.8%

VETERANS MEMORIAL TOLLWAY

73	42,584	92.0%	8.0%	38,912	91.4%	91.3%	91.8%
75	11,016	87.1%	12.9%	10,062	91.3%	91.1%	92.8%
77	6,123	97.3%	2.7%	5,678	92.7%	92.8%	90.1%
79	6,450	97.3%	2.7%	5,910	91.6%	91.7%	89.8%
81	1,801	95.7%	4.3%	1,661	92.2%	92.4%	87.7%
83	4,537	96.4%	3.6%	4,243	93.5%	93.7%	89.2%
85	6,276	97.5%	2.5%	5,899	94.0%	94.2%	85.3%
87	6,095	96.9%	3.1%	5,688	93.3%	93.5%	87.8%
89	47,240	89.7%	10.3%	42,842	90.7%	90.5%	92.3%
90	4,765	96.7%	3.3%	4,241	89.0%	89.2%	82.3%
93	2,679	92.8%	7.2%	2,516	93.9%	93.9%	94.2%
95	3,997	94.1%	5.9%	3,696	92.5%	92.4%	92.8%
97	4,874	96.1%	3.9%	4,548	93.3%	93.3%	92.6%
99	21,887	86.7%	13.3%	19,937	91.1%	90.8%	92.9%
101	1,843	94.7%	5.3%	1,621	87.9%	87.9%	88.1%
Veterans Memorial Total	172,168	91.6%	8.4%	157,452	91.5%	91.4%	92.0%

ILLINOIS ROUTE 390 TOLLWAY

320	680	83.5%	16.5%	626	92.1%	92.0%	92.2%
322	1,232	86.7%	13.3%	1,135	92.1%	92.1%	92.4%
324	1,362	86.1%	13.9%	1,248	91.6%	91.7%	90.8%
325	279	97.4%	2.6%	260	93.5%	93.6%	88.3%
326	20,942	92.9%	7.1%	19,264	92.0%	92.0%	92.4%
328	19,953	93.0%	7.0%	18,277	91.6%	91.6%	92.2%
330	10,422	93.0%	7.0%	9,467	90.8%	90.9%	90.3%
Illinois Route 390 Total	54,870	92.6%	7.4%	47,007	91.6%	91.6%	91.9%
Tollway Total	997,334	88.6%	11.4%	872,641	87.8%	87.5%	90.3%

<sup>1</sup> Adjusted I-PASS percentage provided by Illinois Tollway

<sup>2</sup> Percent of total traffic



FIGURE 1-A: THE ILLINOIS TOLLWAY SYSTEM 2017





FIGURE 1-B: AVERAGE ANNUAL DAILY TRAFFIC 2017



FIGURE 1-C: AVERAGE ANNUAL DAILY TRAFFIC 1960



FIGURE 1-D: ANNUAL AVERAGE PERCENTAGE CHANGE IN DAILY TRAFFIC VOLUMES 2000-2017



FIGURE 1-E: ANNUAL AVERAGE PERCENTAGE CHANGE IN DAILY TRAFFIC VOLUMES 2010-2017



FIGURE 1-F: MAJOR TOLLWAY CONSTRUCTION PROJECTS DURING 2017



FIGURE 1-G: MAJOR OFF-TOLLWAY CONSTRUCTION PROJECTS DURING 2017



## Section 2

# Jane Addams Memorial Tollway







## SECTION 2

### Jane Addams Memorial Tollway

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## SECTION 2

### Jane Addams Memorial Tollway

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**TABLE 2-A: AVERAGE DAILY TRAFFIC VOLUMES BETWEEN INTERCHANGES 1980-2017 (WESTBOUND)**

Location	Mile Post	Miles Btwn. Int.	ADT 1980	Average Annual Percent Change	ADT 1990	Average Annual Percent Change	ADT 2000	Average Annual Percent Change	ADT 2010	Average Annual Percent Change	ADT 2017
Kennedy Expressway	78.6										
		0.8	39,270	4.0	58,040	1.4	66,420	-0.5	62,870	0.85	66,690
Tri-State Interchange	77.8										
		0.5	51,310	3.7	73,590	1.5	85,520	-0.2	83,420	0.6	86,700
Devon Avenue	77.3										
Toll Plaza 17	77.3	1.2	56,160	3.7	80,790	1.4	93,190	-0.4	89,150	0.0	88,930
Lee Street	76.1										
		1.7	52,730	3.5	74,740	1.6	87,610	-0.5	83,390	-0.1	82,710
Des Plaines Oasis	74.4										
		0.9	52,730	3.5	74,740	1.6	87,610	-0.5	83,390	-0.1	82,710
Elmhurst Road	73.5										
		2.8	40,790	3.8	59,510	1.8	70,910	-0.1	70,530	0.6	73,420
Arlington Heights Road (PL18)	70.7										
		2.5	34,440	3.8	50,010	3.9	73,120	-0.2	71,440	0.2	72,330
Illinois Route 53/I-290	68.2										
		0.9	29,360	5.9	51,970	3.2	71,530	1.2	80,270	0.0	80,060
Meacham Road (PL12A)	67.3										
		1.8	29,360	5.9	51,970	3.2	71,530	1.2	80,270	0.0	80,220
Roselle Road (PL12)	65.5										
		3.3	29,360	3.9	43,100	3.6	61,490	1.2	69,090	0.2	70,150
Barrington Road (PL10)	62.2										
		2.5	17,070	4.5	26,580	6.4	49,640	1.8	59,410	1.0	63,570
Illinois Route 59 (PL14)	59.7										
		1.6	18,470	4.9	29,780	4.9	48,160	2.4	61,340	0.3	62,740
Beverly Road (PL16)	58.1										
		1.8	18,470	4.9	29,780	3.8	43,120	2.7	56,220	0.4	57,640
Illinois Route 25 (PL13)	56.3										
		1.7	16,330	4.9	26,350	4.7	41,520	2.7	54,370	0.4	55,980
Illinois Route 31 (PL11)	54.6										
Toll Plaza 9	53.8	2.5	11,340	4.2	17,090	6.6	32,270	3.5	45,660	0.6	47,530
Randall Road (PL8)	52.1										
		5.7	11,340	2.9	15,020	5.6	25,780	2.4	32,800	0.7	34,430
Illinois Route 47	46.4										
		4.5	10,130	2.0	12,380	5.4	20,870	1.8	25,040	0.8	26,430
Marengo Road (U.S. Route 20)	41.9										
		16.6	9,340	2.5	12,000	4.9	19,320	1.9	23,390	0.8	24,730
Genoa Road (PL3)	25.3										
		1.1	8,490	2.5	10,860	4.1	16,300	1.8	19,420	1.8	22,060
Belvidere Oasis	24.2										
Toll Plaza 5	23.3	3.4	8,490	2.5	10,860	4.1	16,300	1.8	19,420	1.8	22,060
Irene Road (PL 5A)	20.8										
		3.4	8,490	2.5	10,860	4.1	16,300	1.7	19,200	2.4	22,590
I-39/U.S. Route 20 (Cherry Valley)	17.4										
		2.2	9,160	4.6	14,330	3.9	21,010	3.1	28,380	2.5	33,750
U.S. Business 20	15.2										
		2.9	8,270	5.2	13,750	4.8	22,060	1.7	26,060	2.7	31,400
E. Riverside Boulevard (PL2)	12.3										
		3.4	8,270	4.8	13,180	4.7	20,840	1.5	24,300	2.8	29,580
Illinois Route 173 (PL4)	8.9										
Toll Plaza 1	3.5	6.2	8,270	4.8	13,180	4.7	20,840	0.9	22,800	2.6	27,260
West Terminus	2.7										



**TABLE 2-B: AVERAGE DAILY TRAFFIC VOLUMES BETWEEN INTERCHANGES 1980-2017 (EASTBOUND)**

Location	Mile Post	Miles Btwn. Int.	ADT 1980	Average Annual Percent Change	ADT 1990	Average Annual Percent Change	ADT 2000	Average Annual Percent Change	ADT 2010	Average Annual Percent Change	ADT 2017
Kennedy Expressway	78.6										
Toll Plaza 19	78.5	0.8	48,260	3.3	67,020	1.3	76,300	-0.9	69,600	-1.8	61,470
Tri-State Interchange	77.8										
		0.5	55,550	3.4	77,830	2.5	99,340	-1.7	83,980	-0.5	81,310
Devon Avenue	77.3										
	77.3	1.2	55,550	3.4	77,830	2.5	99,340	-1.7	83,980	-0.5	81,310
Lee Street	76.1										
		1.7	52,110	3.3	71,920	2.4	91,250	-1.6	77,640	-0.6	74,540
Des Plaines Oasis	74.4										
		0.9	52,110	3.3	71,920	2.4	91,250	-1.6	77,640	-0.6	74,540
Elmhurst Road	73.5										
		2.8	40,200	3.6	57,210	2.3	72,090	-0.5	68,390	0.2	69,290
Arlington Heights Road (PL18)	70.7										
		2.5	33,800	3.6	48,150	4.3	73,360	-0.4	70,680	-0.3	69,240
Illinois Route 53/I-290 (PL 15)	68.2										
		2.7	29,110	5.8	50,930	4.2	77,040	0.7	82,430	-0.8	77,810
Roselle Road	65.5										
		3.3	29,110	3.9	42,540	4.8	68,280	0.4	70,850	0.1	71,220
Barrington Road	62.2										
		2.5	16,770	4.6	26,250	7.5	54,030	0.9	59,150	1.2	64,290
Illinois Route 59 (PL14)	59.7										
		1.6	18,090	5.0	29,480	5.5	50,150	1.9	60,830	0.5	62,980
Beverly Road	58.1										
		1.8	18,090	5.0	29,480	4.3	44,840	2.1	55,370	0.5	57,160
Illinois Route 25 (PL13)	56.3										
		1.7	15,860	5.1	26,180	5.1	43,030	2.3	54,220	0.5	56,250
Illinois Route 31 (PL11)	54.6										
Toll Plaza 9	53.8	2.5	11,660	4.1	17,360	6.6	32,790	3.3	45,350	0.7	47,530
Randall Road (PL8)	52.1										
		5.7	11,660	2.7	15,290	5.5	26,180	2.5	33,500	0.8	35,460
Illinois Route 47	46.4										
		4.5	10,360	2.0	12,620	5.1	20,770	2.5	26,520	0.7	27,840
Marengo Road (U.S. Route 20)	41.9										
Toll Plaza 7		16.6	9,290	2.6	12,000	4.7	19,010	2.0	23,220	0.8	24,630
Genoa Road (PL3)	25.3										
		1.1	8,720	2.3	10,990	4.1	16,430	2.2	20,470	1.2	22,280
Belvidere Oasis	24.2										
		3.4	8,720	2.3	10,990	4.1	16,430	2.2	20,470	1.2	22,280
Irene Road (PL 5A)	20.8										
		3.4	8,720	2.3	10,990	4.1	16,430	2.2	20,470	1.6	22,850
I-39/U.S. Route 20 (Cherry Valley)	17.4										
		2.2	9,490	4.6	14,920	3.5	20,960	2.9	27,820	2.8	33,660
U.S. Business 20	15.2										
		2.9	8,430	5.2	14,000	4.3	21,370	2.2	26,690	2.6	32,000
E. Riverside Boulevard (PL2)	12.3										
		3.4	8,430	4.8	13,450	4.1	20,100	2.1	24,680	2.8	30,010
Illinois Route 173 (PL4)	8.9										
Toll Plaza 1	3.5	6.2	8,430	4.8	13,450	4.1	20,100	1.5	23,420	2.5	27,770
West Terminus	2.7										



**TABLE 2-C: GENERAL STATISTICS FOR MAINLINE PLAZAS  
(Vehicles/Hour)**

Mainline Plaza	Dir.	30th HV	Period	Mean	Med.	Max.	Min.	Std. Dev.	85th %
1 South Beloit	EB	3,174	AM Peak	1,435	1,328	1,884	717	260	1,730
			PM Peak	1,942	1,932	2,732	1,259	254	2,212
			OFF Peak	1,009	945	2,954	114	598	1,668
			Weekend	1,192	1,113	3,366	110	794	2,115
			Holidays	1,324	1,163	3,512	68	956	2,472
	WB	3,117	AM Peak	1,244	1,216	1,767	610	231	1,511
			PM Peak	1,937	1,910	2,669	1,429	235	2,174
			OFF Peak	996	1,009	2,654	118	568	1,629
			Weekend	1,183	1,146	3,780	79	777	2,068
			Holidays	1,226	1,123	3,826	52	883	2,178
5 Belvidere	WB	2,468	AM Peak	1,032	1,018	1,401	585	184	1,241
			PM Peak	1,447	1,439	1,950	1,009	168	1,622
			OFF Peak	784	814	2,172	87	437	1,257
			Weekend	990	999	3,146	81	607	1,645
			Holidays	1,017	984	2,966	70	700	1,714
7 Marengo-Hampshire	EB	2,835	AM Peak	1,456	1,493	1,668	843	127	1,558
			PM Peak	1,434	1,418	2,086	990	186	1,626
			OFF Peak	874	985	2,231	85	476	1,365
			Weekend	1,091	1,120	3,075	84	689	1,823
			Holidays	1,193	1,231	3,119	76	813	2,075
9 Elgin	EB	5,040	AM Peak	4,463	4,506	5,309	2,074	467	4,893
			PM Peak	2,630	2,642	3,287	1,978	263	2,881
			OFF Peak	1,710	1,761	6,342	138	1,080	2,831
			Weekend	1,933	2,038	4,782	169	1,176	3,185
			Holidays	1,982	2,021	4,375	148	1,242	3,309
	WB	5,339	AM Peak	2,110	2,082	2,679	1,235	314	2,478
			PM Peak	4,697	4,754	5,377	2,995	329	4,984
			OFF Peak	1,738	1,859	5,935	121	1,097	2,807
			Weekend	1,948	2,001	5,627	160	1,189	3,105
			Holidays	1,893	1,815	5,929	127	1,293	3,064

(cont'd)



**TABLE 2-C: GENERAL STATISTICS FOR MAINLINE PLAZAS  
(Vehicles/Hour)**

Mainline Plaza	Dir.	30th HV	Period	Mean	Med.	Max.	Min.	Std. Dev.	85th %
17 Devon Avenue	WB	7,945	AM Peak	5,595	5,405	6,746	2,960	695	6,382
			PM Peak	7,189	7,284	8,676	4,862	591	7,780
			OFF Peak	3,408	3,737	7,235	278	1,936	5,625
			Weekend	3,482	3,641	8,190	421	1,807	5,276
			Holidays	3,158	3,221	7,520	399	1,827	5,196
19 River Road	EB	4,569	AM Peak	3,317	3,320	4,530	2,170	438	3,787
			PM Peak	3,146	3,169	3,992	2,255	337	3,504
			OFF Peak	2,425	2,846	5,052	204	1,321	3,757
			Weekend	2,573	3,082	4,621	277	1,266	3,774
			Holidays	2,425	2,873	4,739	224	1,311	3,664

AM Peak = Weekday 6:00 AM To 8:00 AM Except Fridays  
 PM Peak = Weekday 4:00 PM To 6:00 PM Except Fridays  
 OFF Peak = Weekdays Except Fridays and AM and PM Peak Periods  
 Weekend = Fridays, Saturdays, and Sundays  
 Holidays = See Page 1-6 for a list of Holidays.



**TABLE 2-D: INDEXED MONTHLY VARIATION BY MAINLINE PLAZA**

Month	South Beloit	Belvidere	Marengo	Elgin	Devon Avenue	River Road
January	0.77	0.75	0.78	0.80	0.85	0.93
February	0.84	0.83	0.85	0.89	0.94	1.02
March	0.91	0.90	0.90	0.93	0.97	1.02
April	0.96	0.96	0.97	0.97	0.99	1.00
May	1.02	1.03	1.02	1.02	1.00	0.99
June	1.16	1.15	1.11	1.10	1.05	1.00
July	1.21	1.19	1.18	1.09	1.04	1.04
August	1.18	1.17	1.16	1.11	1.08	1.05
September	1.07	1.08	1.07	1.07	1.04	1.02
October	1.01	1.02	1.03	1.05	1.04	0.98
November	0.97	0.99	1.00	1.02	1.02	0.98
December	0.89	0.92	0.93	0.97	0.98	0.98

**TABLE 2-E: INDEXED DAILY VARIATION BY MAINLINE PLAZA**

Month	Day	South Beloit	Belvidere	Marengo	Elgin	Devon Avenue	River Road
August	Monday	1.16	1.14	1.13	1.10	1.07	1.04
	Tuesday	1.15	1.15	1.13	1.09	1.07	1.06
	Wednesday	1.13	1.14	1.13	1.09	1.06	1.04
	Thursday	1.16	1.17	1.14	1.09	1.06	1.04
	Friday	1.17	1.21	1.13	1.10	1.06	1.05
	Saturday	1.22	1.21	1.21	1.15	1.09	1.04
	Sunday	1.28	1.19	1.29	1.16	1.08	1.05
December	Monday	0.85	0.94	0.91	0.98	0.97	0.99
	Tuesday	0.99	1.03	1.00	1.01	1.00	0.99
	Wednesday	0.98	1.00	1.00	1.01	1.01	1.01
	Thursday	0.93	0.94	0.97	0.98	1.00	1.00
	Friday	0.88	0.85	0.95	0.96	0.99	0.97
	Saturday	0.92	0.93	0.95	0.97	0.99	0.98
	Sunday	0.72	0.81	0.72	0.87	0.93	0.96

Table 2-E includes Monthly Variation





**TABLE 2-F: ANNUAL TOTAL TRANSACTIONS BY TOLL PLAZA**

Plaza	Plaza Code*	2016**	2017	Percentage Change
1 South Beloit	M	19,360,839	20,084,428	3.7%
2 E. Riverside Boulevard	R	2,975,139	3,209,982	7.9%
3 Genoa Road	R	1,631,657	1,688,930	3.5%
4 Illinois Route 173	R	2,077,184	2,254,672	8.5%
5 Belvidere	M1	7,413,271	8,050,685	8.6%
5A Irene Road	R	266,894	507,601	90.2%
6 Illinois Route 47	E	6,659,366	7,650,300	14.9%
7 Marengo	M1	8,333,515	8,990,735	7.9%
8 Randall Road	R	2,685,064	2,686,752	0.1%
9 Elgin	M	30,488,142	34,695,414	13.8%
10 Barrington Road***	R	2,664,881	5,582,410	109.5%
11 Illinois Route 25	R	5,632,339	7,246,917	28.7%
12 Roselle Road***	R	4,119,042	8,878,216	115.5%
12A Meacham Road***	E	96,063	2,095,082	2080.9%
13 Illinois Route 25	R	1,732,169	2,288,317	32.1%
14 Illinois Route 59	R	3,085,015	2,648,830	-14.1%
15 Illinois Route 53	R1	10,499,182	12,082,314	15.1%
16 Beverly Road	R1	3,998,691	4,882,470	22.1%
17 Devon Avenue	M1	28,898,863	32,461,255	12.3%
18 Arlington Heights Road	R	6,309,872	7,024,281	11.3%
18A Elmhurst Road***	E		1,795,874	
19 River Road	M1	22,481,879	22,432,431	-0.2%
Jane Addams Memorial Total		171,409,067	199,237,896	16.2%

\* M=Mainline / R=Ramp / A=Attended Ramp Plaza / E=Electronic Toll Collection Only Ramp

1= Toll Collected in One Direction Only

\*\* 2016 was a leap year

\*\*\* New tolled ramps opened at Plazas 10, 12, and 12A in 2016 and Plaza 18A in 2017.



TABLE 2-G: AVERAGE DAILY TRAFFIC DATA

Year	Average Daily Total			Average Trip
	Vehicles	Vehicle Miles	Transactions	Length (Miles)
1959	10,937	513,839	16,852	46.98
1960	21,417	720,403	29,637	33.64
1961	30,379	893,740	41,601	29.42
1962	35,337	978,261	48,297	27.68
1963	36,384	1,060,625	52,810	29.15
1964	38,704	1,130,304	55,528	29.20
1965	44,034	1,239,411	62,735	28.15
1966	49,418	1,348,751	68,336	27.29
1967	53,402	1,397,288	73,035	26.17
1968	59,443	1,535,620	81,811	25.83
1969	66,752	1,637,427	118,986	24.53
1970	75,218	1,757,108	138,024	23.36
1971	81,517	1,867,136	146,198	22.90
1972	87,416	1,929,076	156,403	22.07
1973	102,262	2,070,220	175,930	20.24
1974	101,814	2,001,520	171,108	19.66
1975	110,185	2,141,250	184,352	19.43
1976	118,923	2,301,465	199,710	19.35
1977	126,388	2,435,431	212,020	19.27
1978	134,830	2,502,453	220,878	18.56
1979	139,786	2,606,029	228,180	18.64
1980	140,928	2,536,515	227,729	18.00
1981	143,284	2,619,176	230,868	18.28
1982	146,090	2,634,806	234,034	18.04
1983	152,561	2,770,933	247,674	18.16
1984	144,728	2,666,506	238,152	18.42
1985	164,771	2,861,454	257,366	17.37
1986	175,655	3,134,635	281,112	17.85
1987	191,936	3,392,046	307,469	17.67
1988	205,510	3,558,352	329,391	17.31
1989	213,965	3,643,665	336,575	17.03
1990	225,655	3,669,541	347,884	16.26
1991	222,370	3,673,993	365,120	16.52
1992	234,074	4,081,095	375,921	17.44
1993	253,304	4,279,655	389,127	16.90
1994	260,359	4,533,228	412,288	17.41
1995	269,680	4,774,725	432,373	17.71
1996	275,020	4,912,102	439,095	17.86
1997	282,900	5,105,618	454,622	18.05
1998	284,860	5,125,064	480,098	17.99
1999	294,050	5,567,182	512,810	18.93
2000	294,850	5,402,466	507,784	18.32
2001	309,100	5,828,988	541,479	18.86
2002	296,870	5,773,234	532,658	19.45
2003	304,510	5,857,387	541,345	19.24
2004	323,450	6,158,090	556,501	19.04
2005	312,300	6,002,609	530,257	19.22
2006	312,990	5,918,699	478,556	18.91
2007	318,420	6,120,967	492,225	19.22
2008	313,550	5,853,800	479,141	18.67
2009	308,050	5,744,595	473,015	18.65
2010	335,170	5,994,090	484,642	17.88
2011	317,070	5,813,945	470,237	18.34
2012	308,770	5,659,154	456,180	18.33
2013	309,780	5,376,980	448,008	17.36
2014	307,320	5,327,905	455,312	17.34
2015	314,120	5,598,660	467,606	17.82
2016	310,850	5,635,519	468,331	18.13
2017	349,460	6,294,069	545,857	18.01



FIGURE 2-B

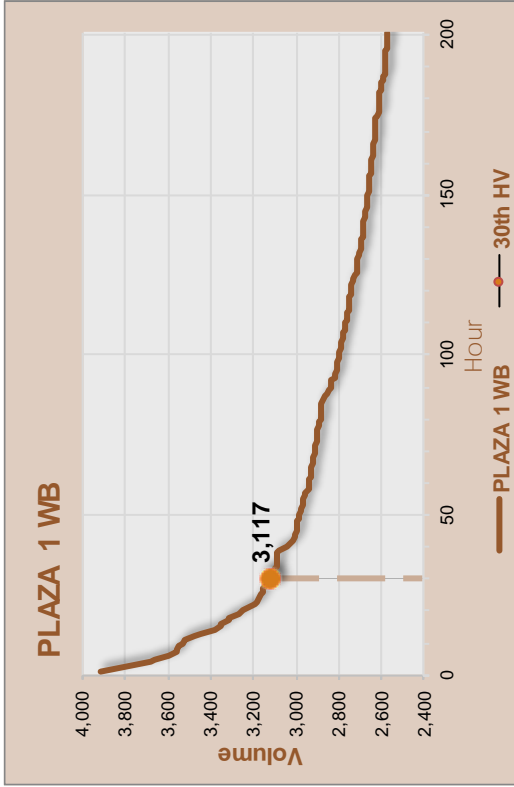


FIGURE 2-D

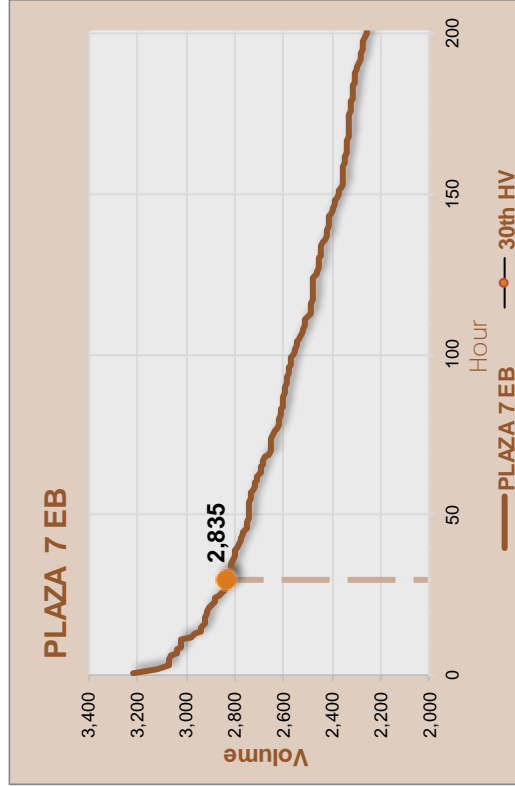


FIGURE 2-A

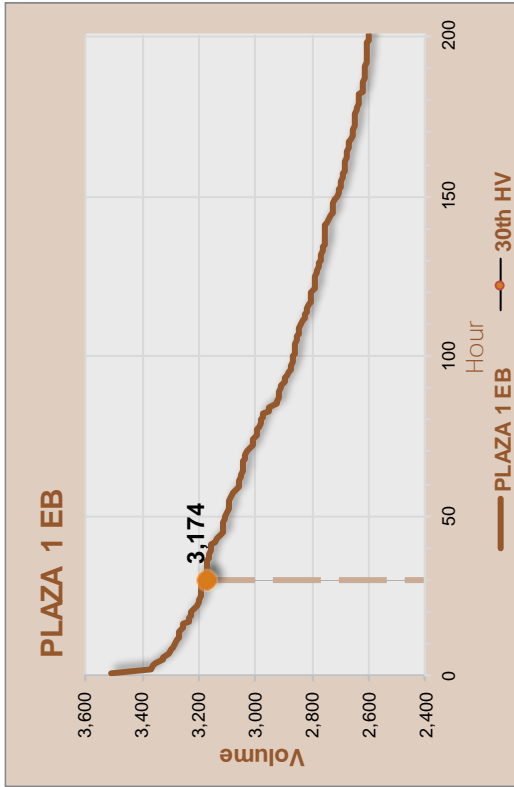
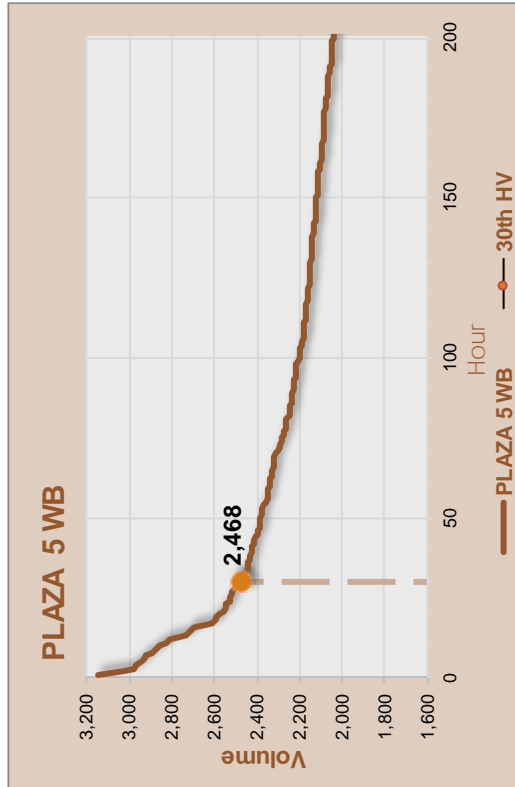


FIGURE 2-C



MAINLINE PLAZA HIGHEST HOURLY VOLUME



FIGURE 2-F

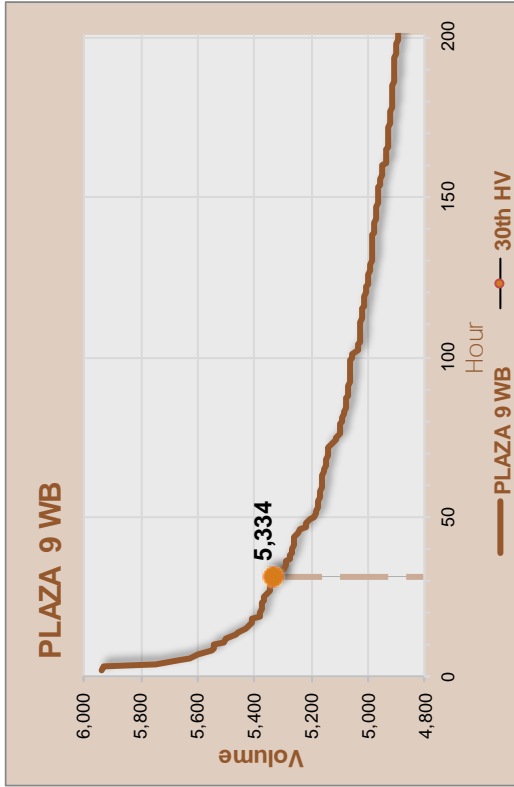


FIGURE 2-H

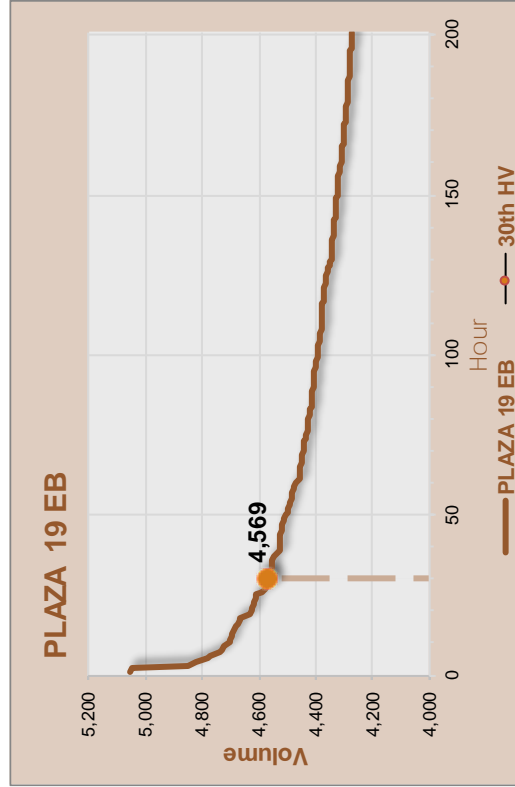


FIGURE 2-E

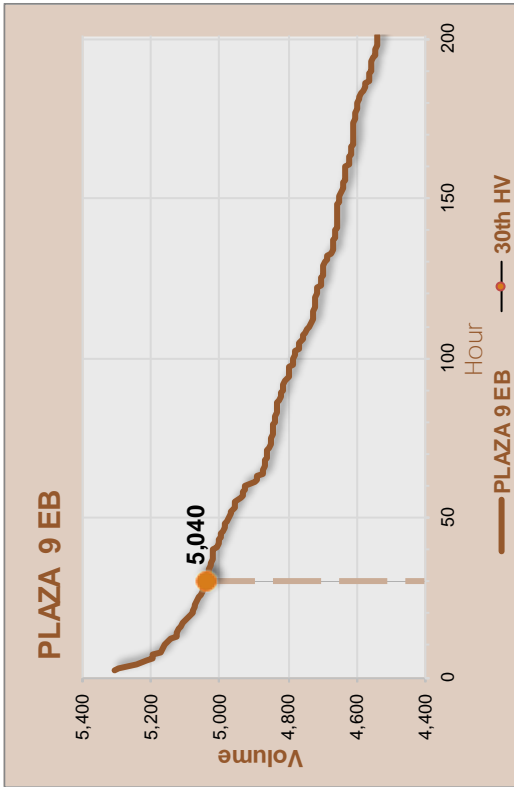
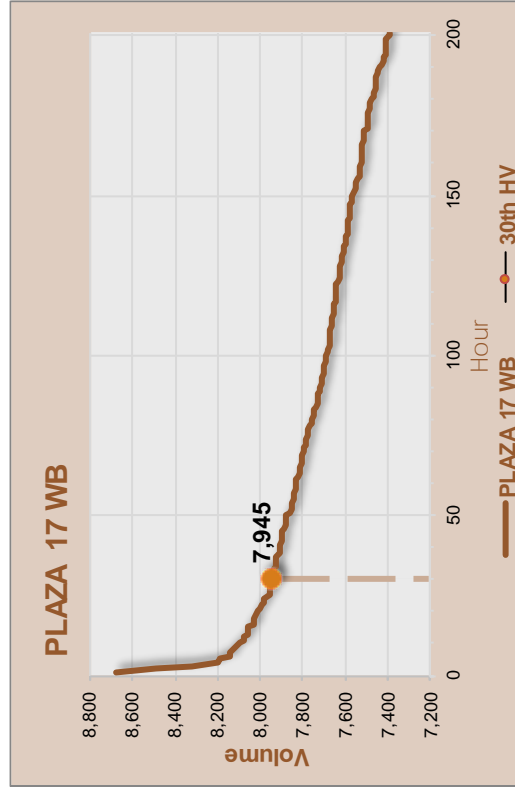


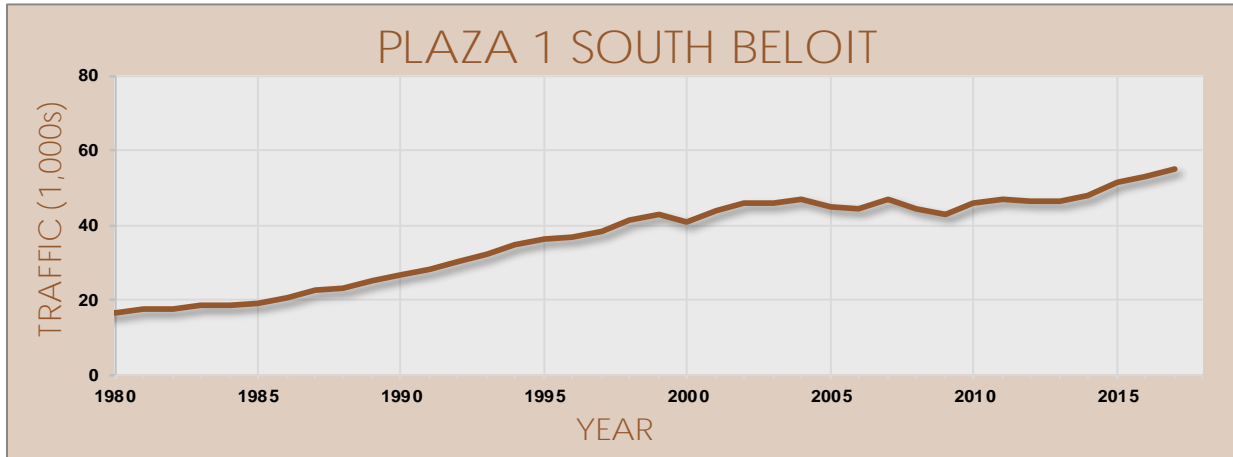
FIGURE 2-G



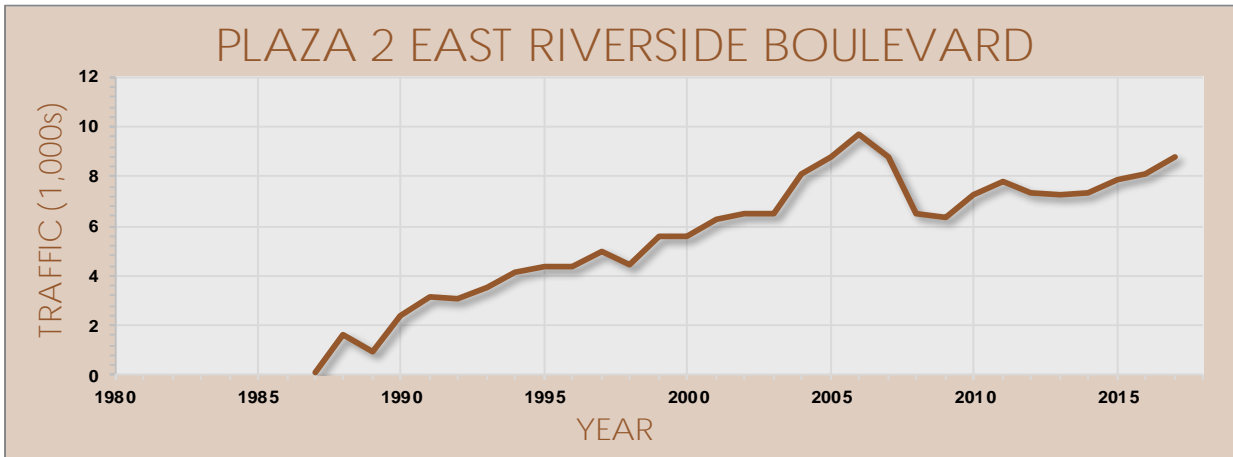
MAINLINE PLAZA HIGHEST HOURLY VOLUME



**FIGURE 2-I**

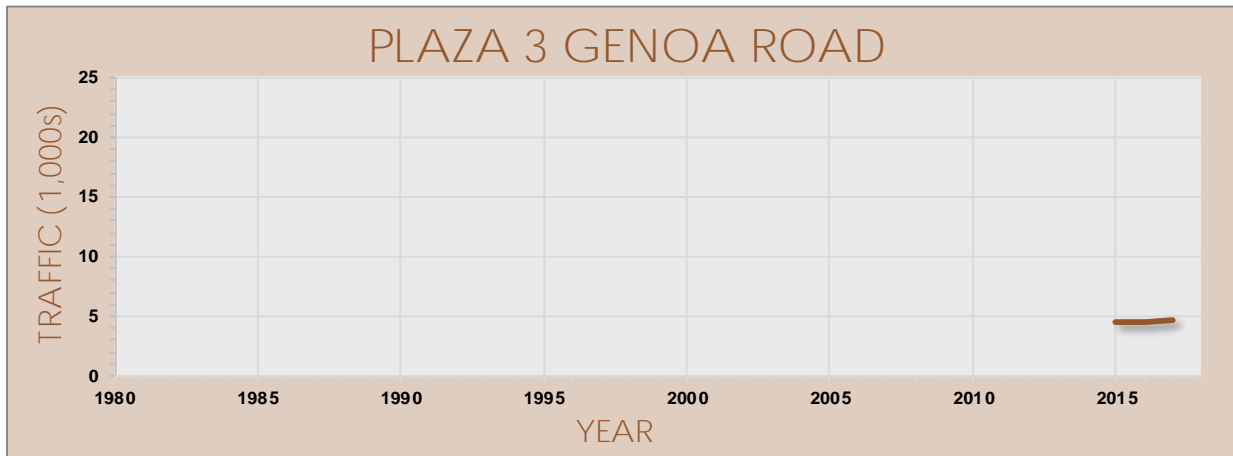


**FIGURE 2-J**



**FIGURE 2-K**

Genoa Road opened September 2015.

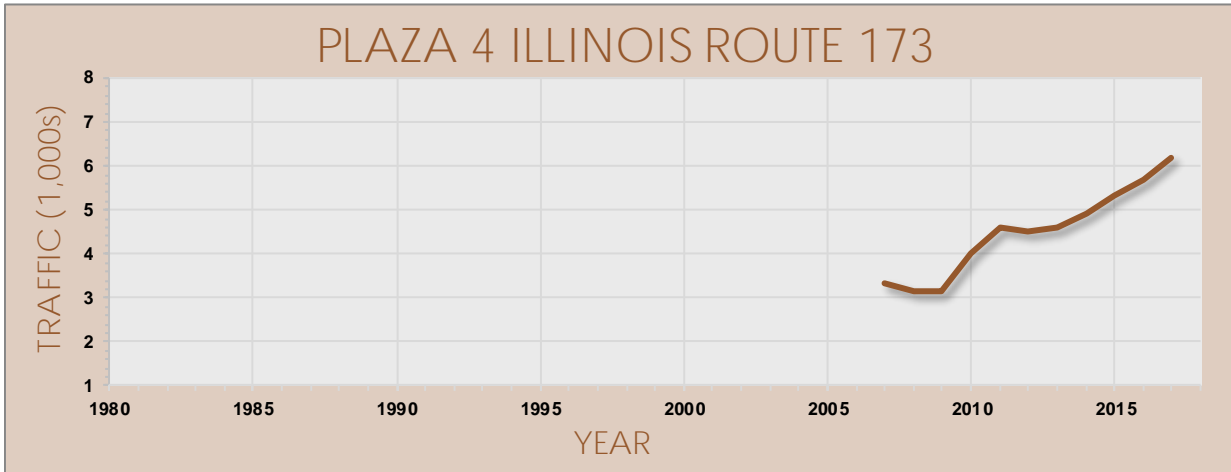


## AVERAGE DAILY TRAFFIC TRENDS



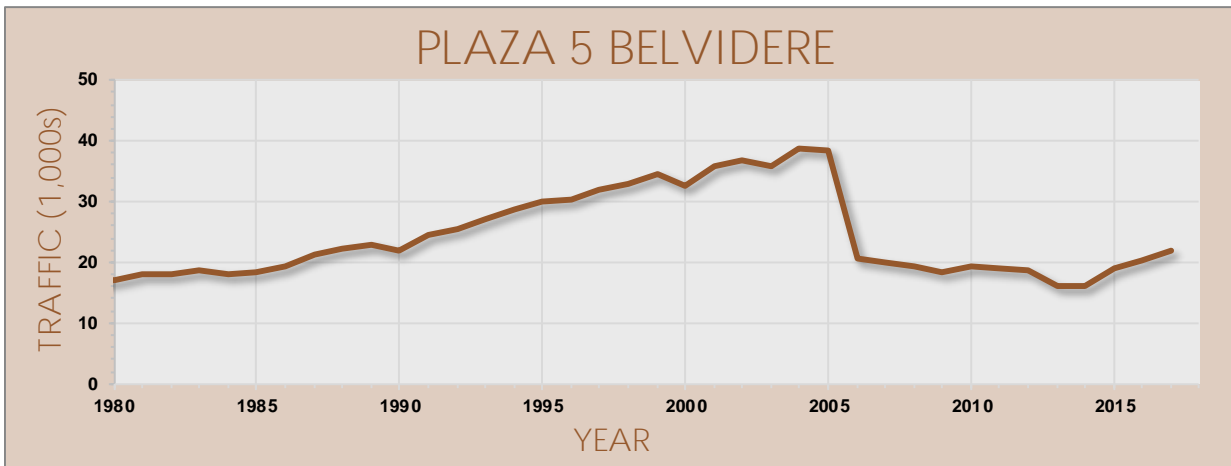
**FIGURE 2-L**

Plaza 4 opened in 2007.



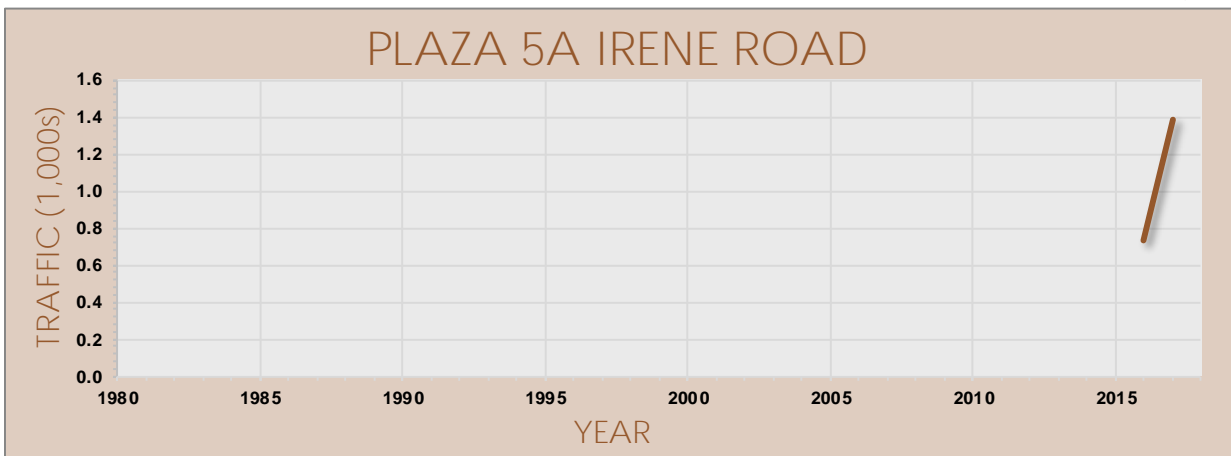
**FIGURE 2-M**

Plaza 5 converted to one way tolling (WB) in 2006.



**FIGURE 2-N**

Plaza 5A opened in January 2016.

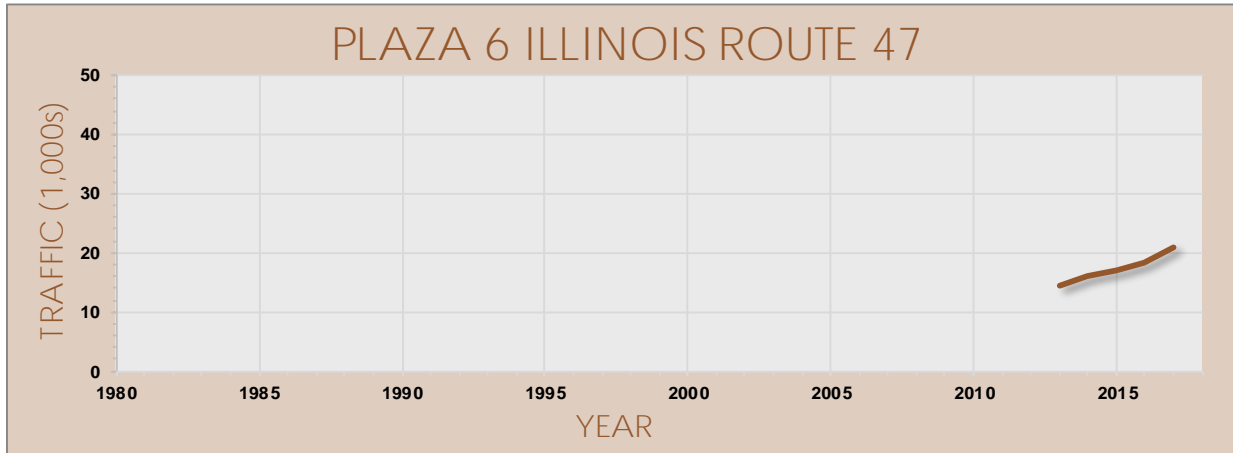


## AVERAGE DAILY TRAFFIC TRENDS



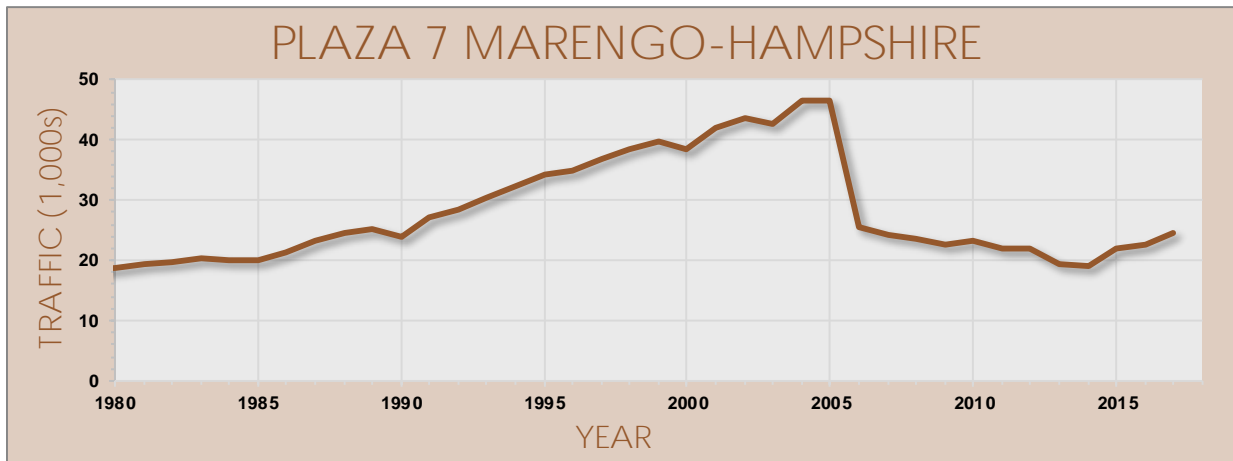
**FIGURE 2-O**

Plaza 6 opened in 2013.



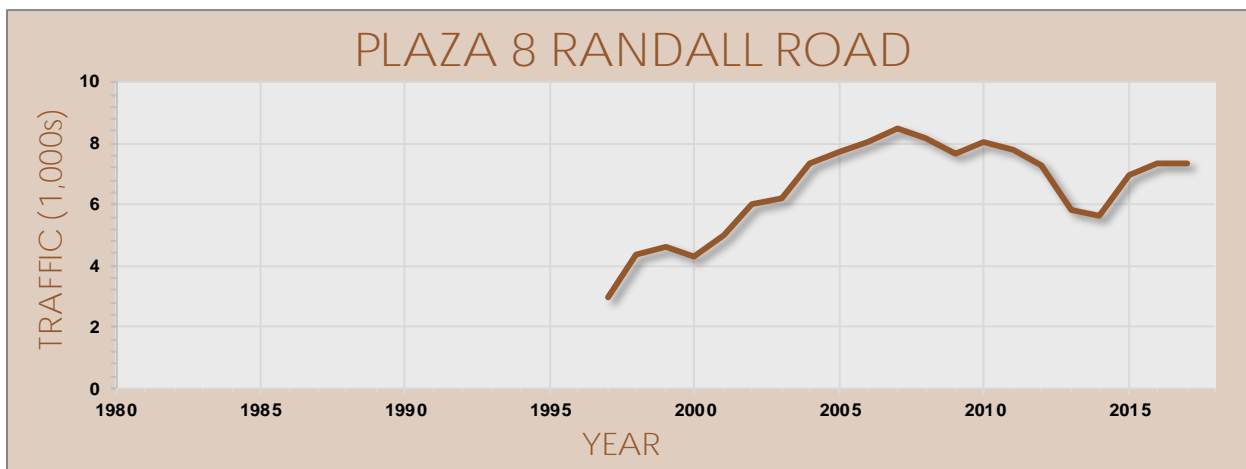
**FIGURE 2-P**

Plaza 7 converted to one way tolling (EB) in 2006.



**FIGURE 2-Q**

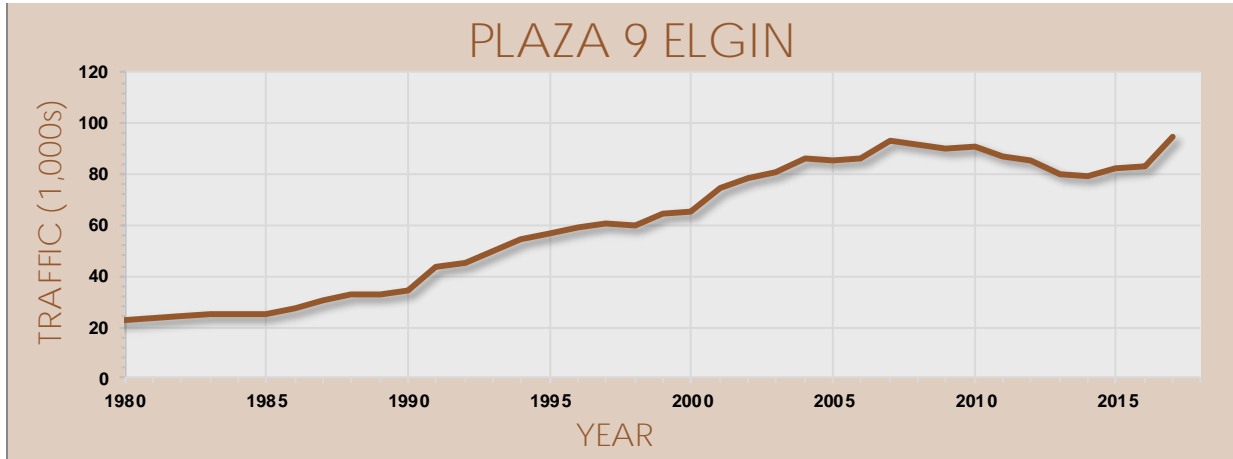
Ramps to and from the west opened in 1997.



**AVERAGE DAILY TRAFFIC TRENDS**

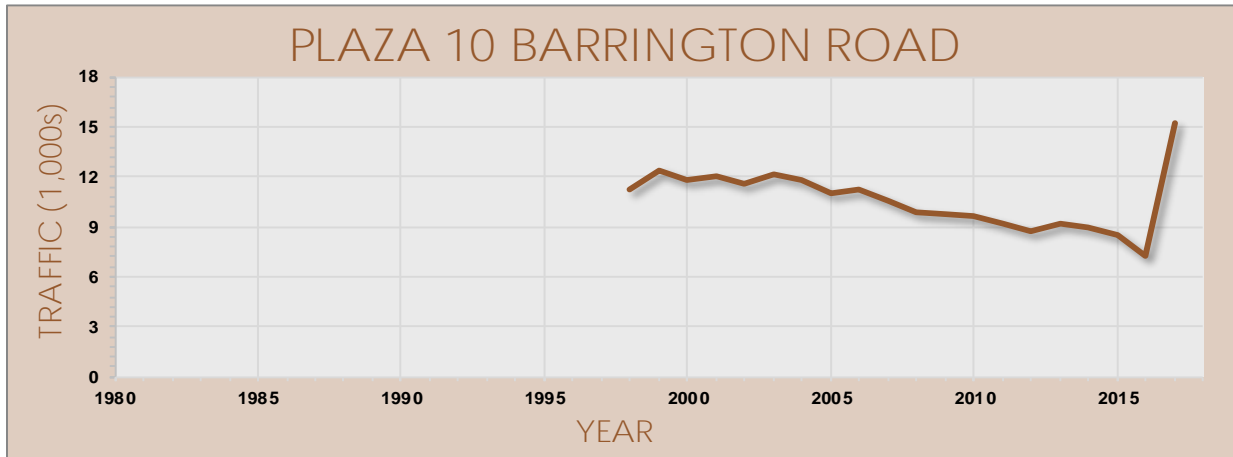


**FIGURE 2-R**

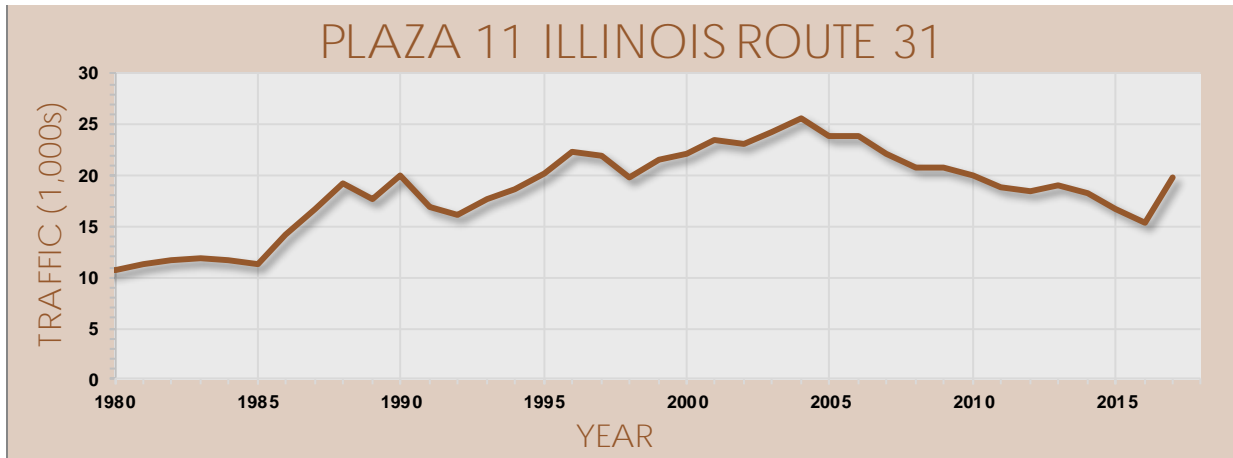


**FIGURE 2-S**

Additional tolled movements opened at Plaza 10 in 2017.



**FIGURE 2-T**



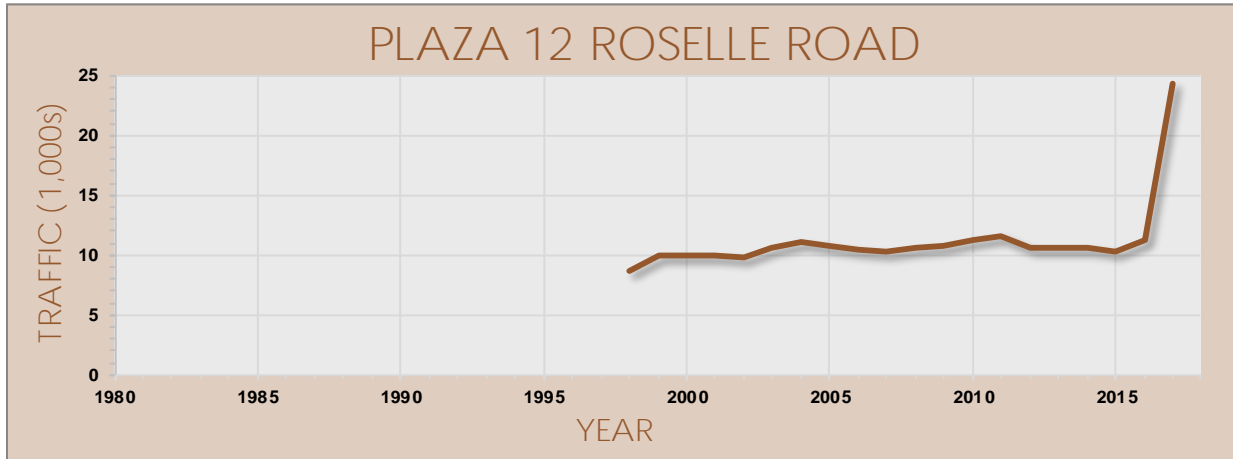
**AVERAGE DAILY TRAFFIC TRENDS**





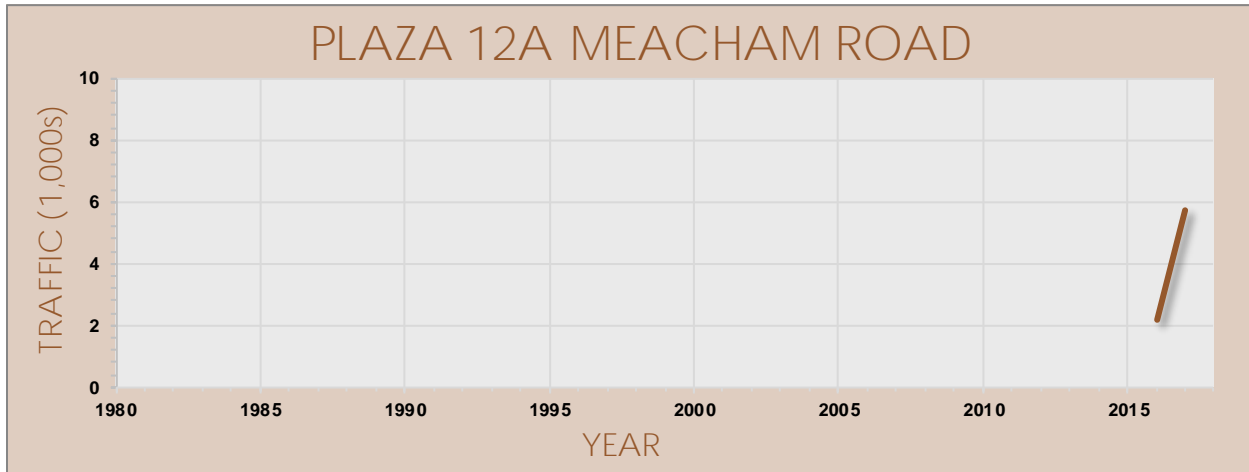
**FIGURE 2-U**

Plaza 12 opened in 1998 due to Plaza 15 reconfiguration. Additional tolled movements opened in 2016.

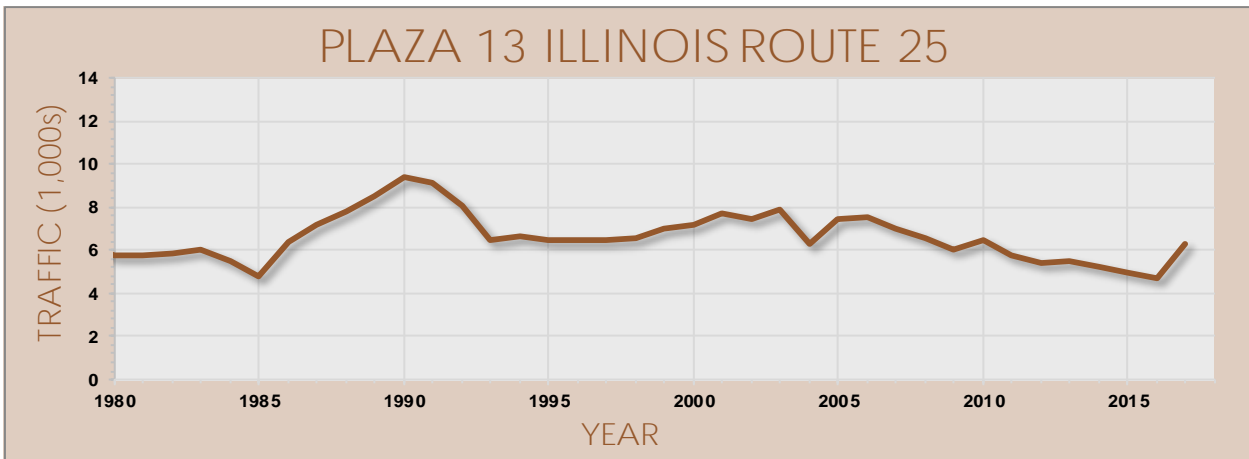


**FIGURE 2-V**

Plaza 12A opened in 2016.



**FIGURE 2-W**

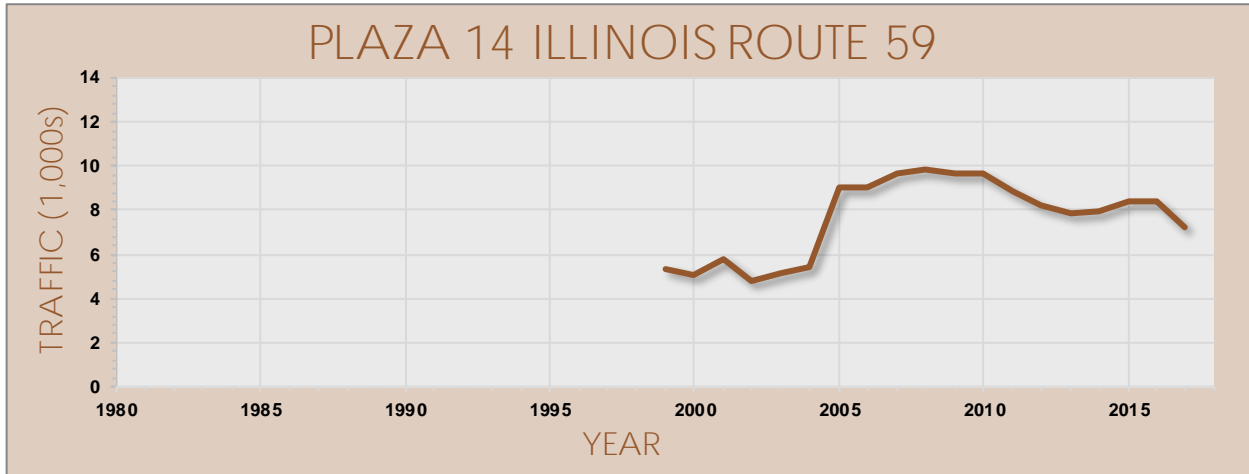


**AVERAGE DAILY TRAFFIC TRENDS**



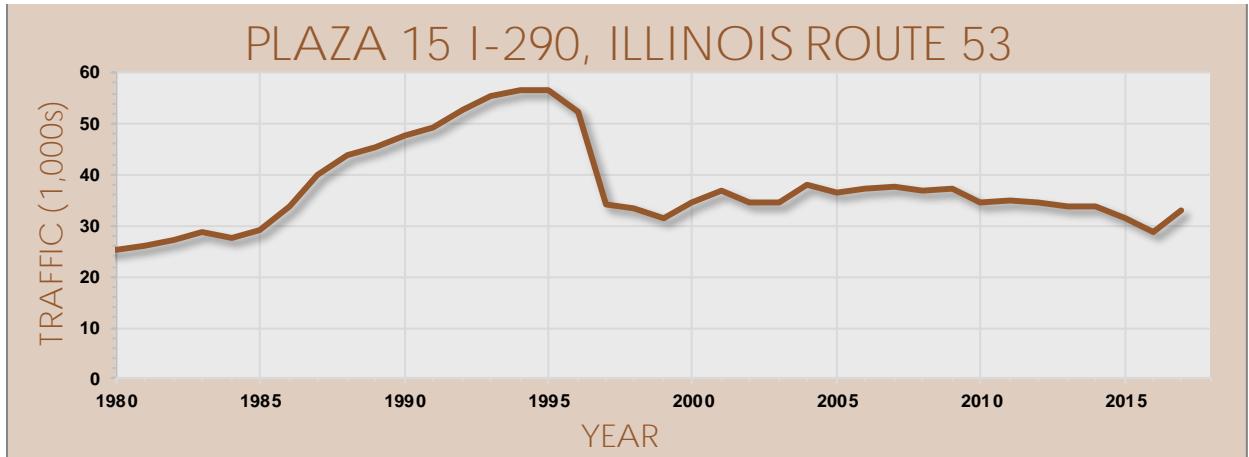
**FIGURE 2-X**

Note: The Plaza 14 graph shows transactions at the EB I-90 to Illinois Route 59 collection point only. Transactions for the WB I-90 to Illinois Route 59 collection point are included with the Plaza 16 graph. Plazas opened in 1998 due to Plaza 15 reconfiguration.



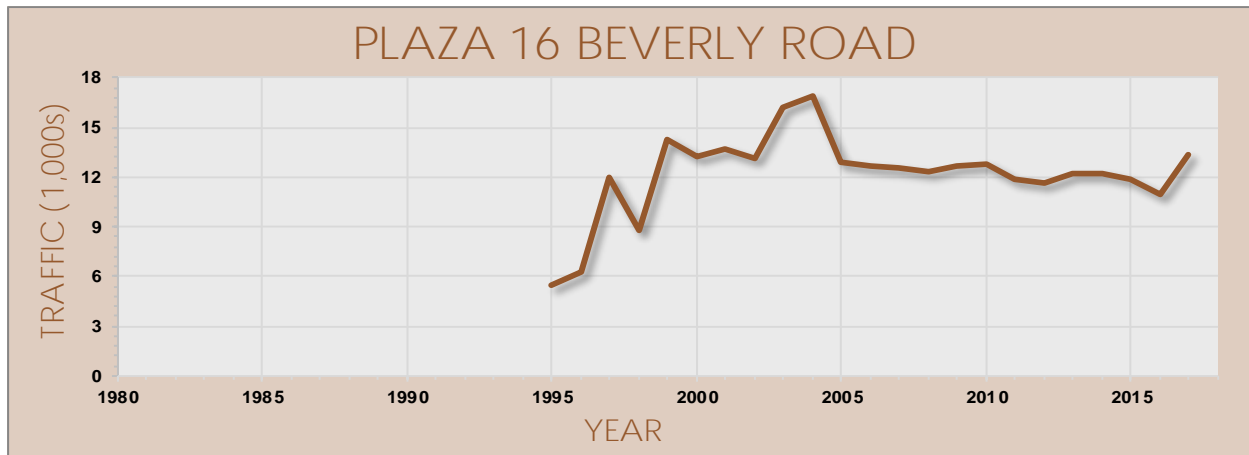
**FIGURE 2-Y**

Westbound tolls removed in 1997.



**FIGURE 2-Z**

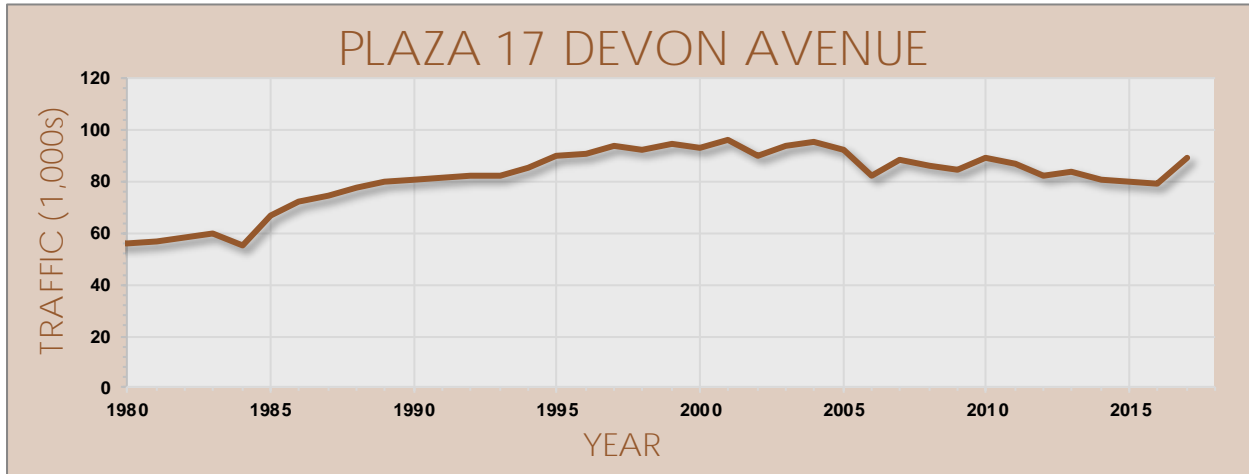
Note: The Plaza 16 graph shows transactions from two collection points: (1) WB I-90 to Illinois Route 59 (Plaza 16a) and (2) WB I-90 to Beverly Road (Plaza 16b). Plaza 16b opened in 1995.



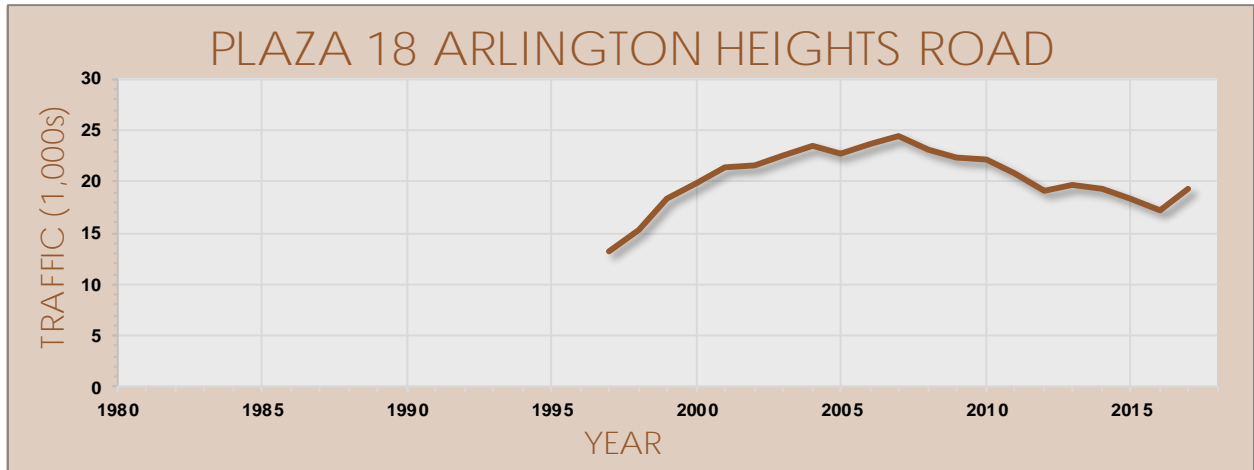
## AVERAGE DAILY TRAFFIC TRENDS



**FIGURE 2-AA**

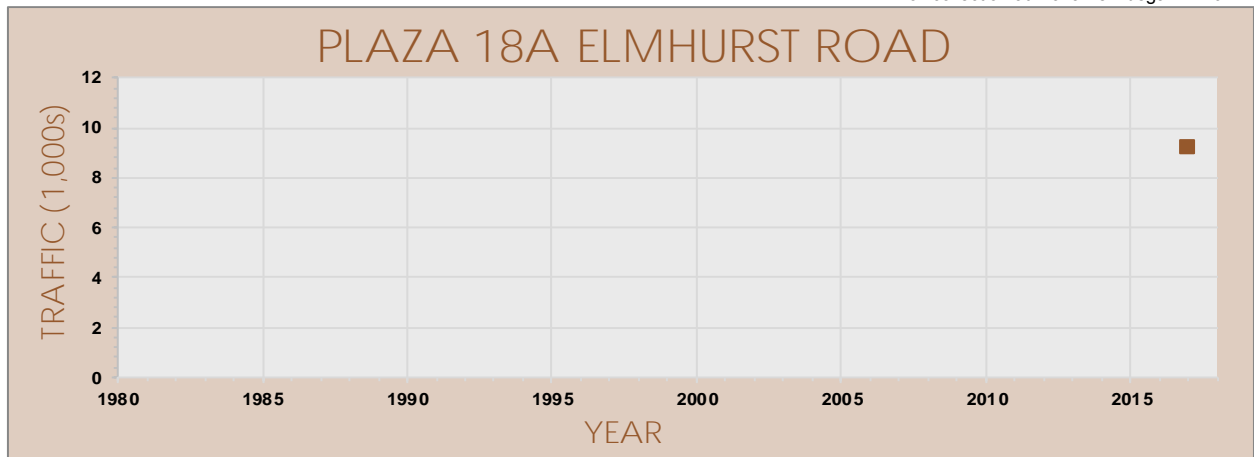


**FIGURE 2-AB**



**FIGURE 2-AC**

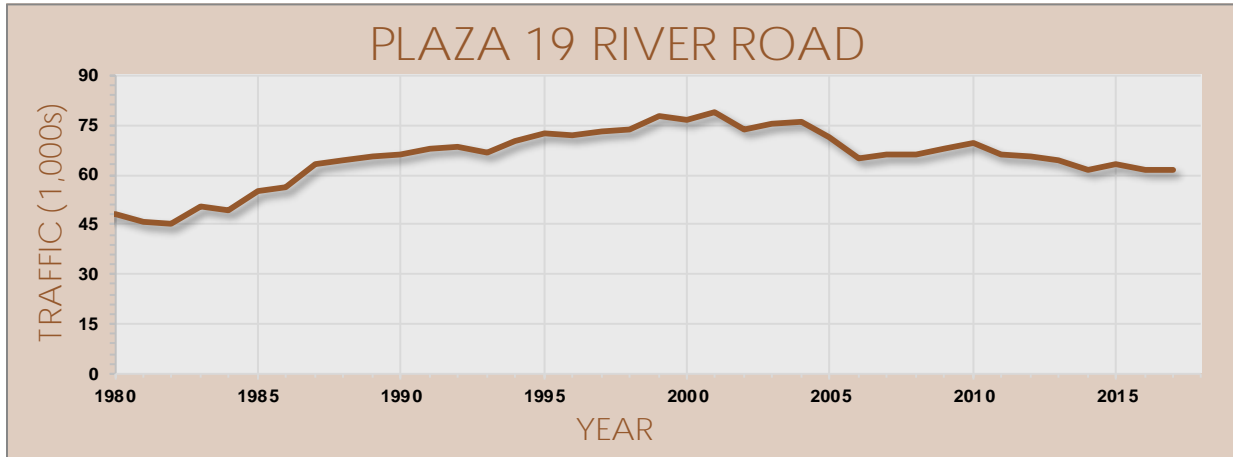
Toll collection at Plaza 18A began in 2017.



## AVERAGE DAILY TRAFFIC TRENDS



**FIGURE 2-AD**

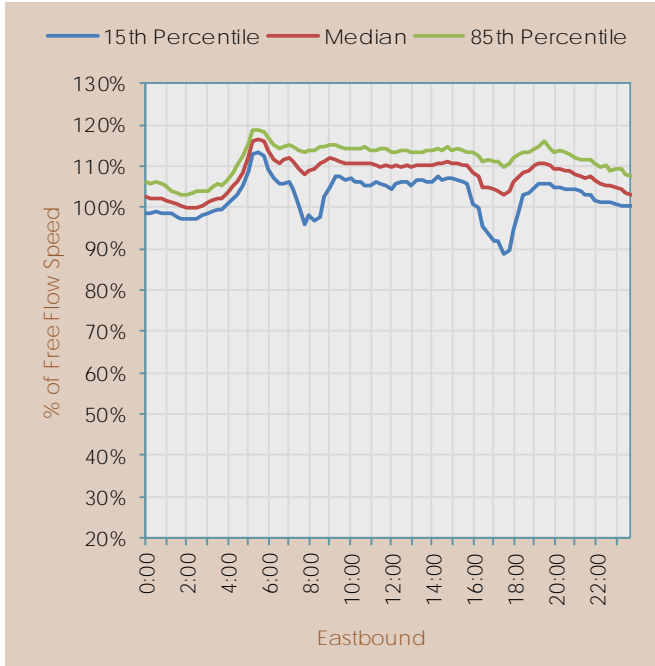


**AVERAGE DAILY TRAFFIC TRENDS**

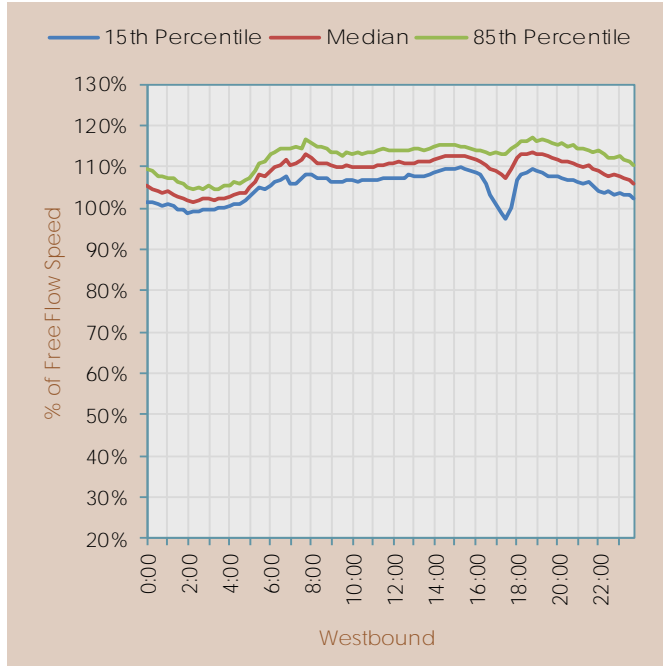


## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, EASTERN SECTION

**FIGURE 2-AE**

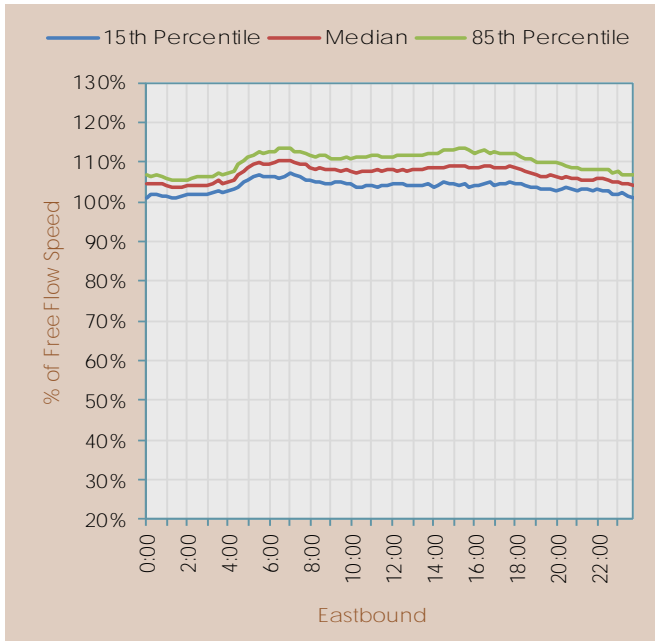


**FIGURE 2-AF**

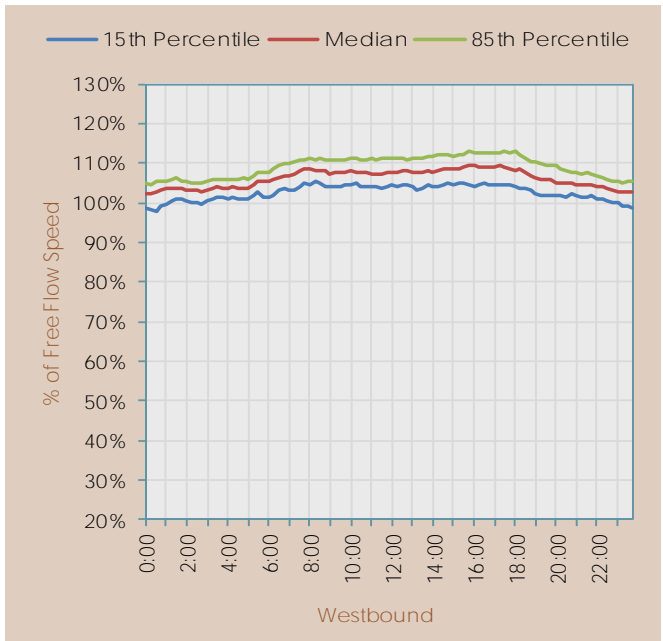


## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, WESTERN SECTION

**FIGURE 2-AG**



**FIGURE 2-AH**





Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	January - March	66	64	0.92	0.93	0.96	0.96	0.1	0.5	61	256	4	5
2	April - June	66	65	0.91	0.92	1.00	1.03	0.3	0.4	144	235	4	6
3	July - September	66	64	0.91	0.94	0.96	0.98	0.4	0.7	251	455	7	8
4	October - December	66	63	0.90	0.95	1.00	1.08	0.3	0.9	169	509	6	10
Total	2017 Entire Year	66	64	0.91	0.93	0.98	1.01	0.3	0.6	156	364	5	7

Data source: INRIX. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

FIGURE 2-AI: ROADWAY PERFORMANCE MEASURES—EASTERN SECTION



Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	January - March	65	64	0.93	0.93	0.96	0.93	0.4	0.4	145	207	9	10
2	April - June	65	64	0.92	0.93	0.96	0.94	0.4	0.6	173	354	10	11
3	July - September	66	66	0.91	0.91	0.94	0.97	0.3	0.5	163	300	9	11
4	October - December	65	65	0.92	0.92	0.96	0.94	0.4	0.5	189	255	10	13
Total	2017 Entire Year	65	65	0.92	0.93	0.95	0.94	0.4	0.5	167	279	9	11

Data source: INRIX. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

FIGURE 2-AJ: ROADWAY PERFORMANCE MEASURES—WESTERN SECTION

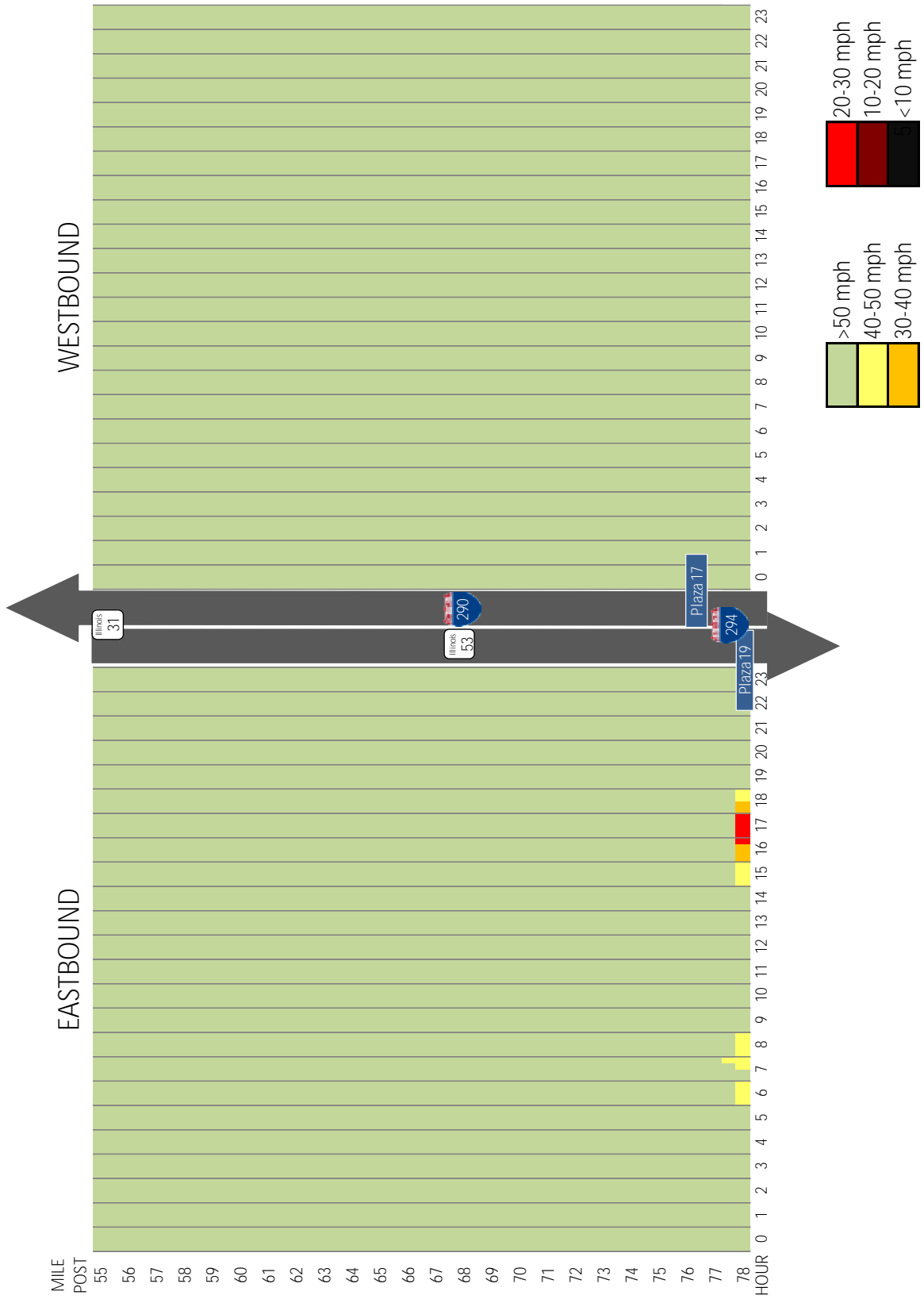
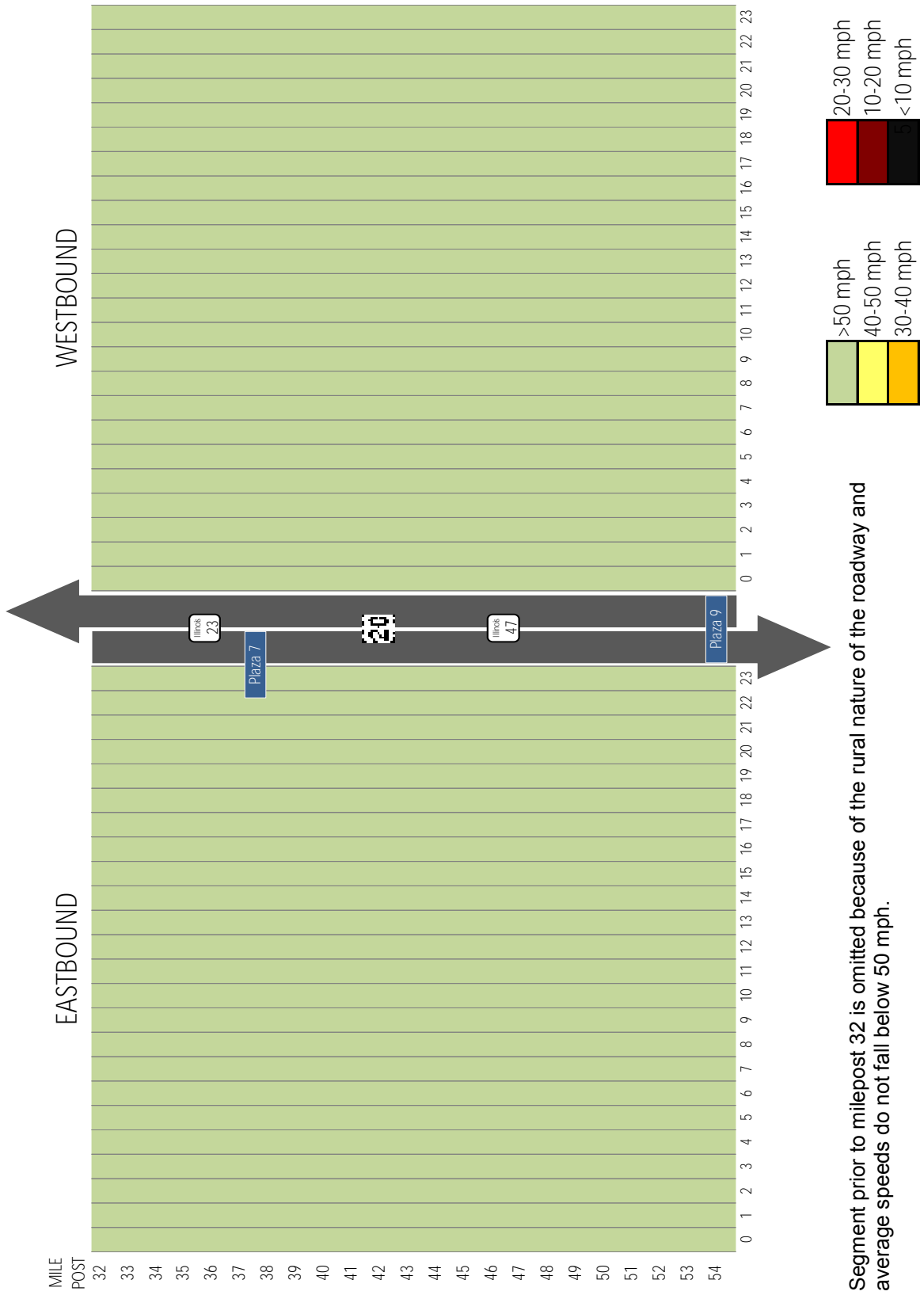


FIGURE 2-AK: AVERAGE SPEED CONTOURS MP 55.0 TO 78.5





Segment prior to milepost 32 is omitted because of the rural nature of the roadway and average speeds do not fall below 50 mph.

FIGURE 2-AL: AVERAGE SPEED CONTOURS MP 32.0 TO 54.5





# Section 3

## Tri-State Tollway





## SECTION 3

### Tri-State Tollway

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### Tri-State Tollway

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**TABLE 3-A: AVERAGE DAILY TRAFFIC VOLUMES BETWEEN INTERCHANGES 1980-2017 (NORTHBOUND-1)**

Location	Mile Post	Miles Btwn. Int.	ADT 1980	Average Annual Percent Change	ADT 1990	Average Annual Percent Change	ADT 2000	Average Annual Percent Change	ADT 2010	Average Annual Percent Change	ADT 2017
Bishop Ford Freeway/Calumet Expy	0.0										
		0.8	32,090	5.0	52,400	1.4	60,000	2.2	74,800	2.6	89,700
Lincoln Oasis	0.8										
		1.9	32,090	5.0	52,400	1.4	60,000	2.2	74,800	2.6	89,700
Halsted Street (PL47)	2.7										
		1.3	30,070	5.1	49,550	1.2	55,610	2.8	73,290	2.1	85,050
Wood Street	4.0										
		0.2	32,700	5.1	53,610	0.8	57,980	2.8	76,610	2.2	89,120
Dixie Highway	4.2										
		0.9	32,700	5.1	53,610	0.8	57,980	2.8	76,610	2.2	89,120
I-80 (PL43 & 45)	5.1										
Toll Plaza 41	5.6	1.2	25,440	4.9	40,940	-0.4	39,520	2.4	49,880	1.3	54,630
159th Street (PL40)	6.3										
		1.7	24,250	4.9	39,250	1.6	45,790	1.0	50,740	1.1	54,930
I-57/147th Street	8.0										
		4.0	24,250	4.9	39,250	1.6	45,790	1.0	50,740	5.6	74,160
Cicero Avenue (Illinois Route 50)	12.0										
		5.5	26,970	4.9	43,610	2.9	58,210	-0.3	56,490	4.5	76,630
95th Street (PL38)	17.5										
Toll Plaza 39	19.5	2.8	35,890	4.2	53,970	2.8	70,920	-0.7	66,260	3.2	82,420
79th Street/Archer Avenue	20.3										
		1.7	33,380	4.2	50,370	3.5	70,920	-0.7	66,260	3.2	82,420
Willow Springs Road (PL34)	22.0										
		1.1	33,380	4.2	50,370	3.5	71,300	-0.7	66,630	3.2	83,010
I-55 EB	23.1										
		0.2	31,230	4.2	47,190	3.4	65,740	-0.4	63,070	2.8	76,510
Wolf Road & I-55 WB	23.3										
		0.8	28,380	3.8	41,260	2.8	54,250	0.2	55,330	2.2	64,420
Toll Plaza 37 (I-55)	24.1										
		0.9	45,400	3.3	62,620	2.0	76,420	0.8	83,150	1.7	93,490
Hinsdale Oasis	25.0										
		2.4	45,400	3.3	62,620	2.4	79,570	0.8	86,270	1.7	97,050
Ogden Avenue (U.S. Route 34)	27.4										
		1.6	44,710	3.5	62,980	2.1	77,300	1.0	85,260	1.9	97,350
Reagan Connector	29.0										
		0.5	37,610	2.8	49,760	2.2	62,050	0.6	66,010	1.6	73,620
Cermak Road	29.5										
Toll Plaza 35	29.9	1.0	39,360	2.9	52,420	2.4	66,410	0.3	68,280	2.0	78,700
Roosevelt Road (IL38)	30.5										
		0.6	37,590	2.9	49,900	2.1	61,270	0.6	64,930	2.0	74,510
Reagan Memorial Tollway (I-88)	31.1										
		0.5	44,050	0.8	47,710	1.2	53,500	1.9	64,820	1.2	70,540
Eisenhower Expressway (I-290)	31.6										
		2.0	40,130	2.5	51,370	1.7	60,900	1.3	69,560	1.8	78,860
Illinois Route 64 & U.S. Route 20	33.6										
		4.2	47,320	2.6	61,300	1.9	74,020	1.0	81,990	2.0	94,350
O'Hare Oasis	37.8										
		0.5	47,320	2.6	61,300	1.9	74,020	1.0	81,990	2.0	94,350
Irving Park Road (Illinois Route 19)	38.3										
Toll Plaza 33	38.9	1.5	53,050	3.1	71,830	1.7	85,080	1.0	93,650	2.3	109,490
Balmoral Avenue	39.8										





**TABLE 3-B: AVERAGE DAILY TRAFFIC VOLUMES BETWEEN INTERCHANGES 1980-2017 (NORTHBOUND-2)**

Location	Mile Post	Miles Btwn. Int.	ADT 1980	Average Annual Percent Change	ADT 1990	Average Annual Percent Change	ADT 2000	Average Annual Percent Change	ADT 2010	Average Annual Percent Change	ADT 2017
Balmoral Avenue	39.8										
Kennedy Expressway (I-190)	40.5	1.1	53,050	3.1	71,830	1.7	85,080	1.0	93,650	0.5	97,250
Jane Addams Interchange	40.9										
Toll Plaza 29	41.6	1.2	45,770	4.1	68,690	2.0	83,800	-0.1	82,840	2.7	99,940
Touhy Avenue	42.1										
		2.1	39,730	4.3	60,690	2.1	74,390	0.3	76,590	2.2	89,160
Dempster Street (U.S. Route 14)	44.2										
		1.0	29,250	4.0	43,230	2.4	55,050	0.1	55,450	2.3	65,200
Golf Road (Illinois Route 58)	45.2										
		3.7	33,080	4.3	50,550	2.3	63,640	0.0	63,340	2.3	74,160
Willow Road (PL27)	48.9										
		3.9	21,750	6.6	41,210	2.9	55,010	0.1	55,480	2.1	64,000
Lake Cook Road	52.8										
Edens Spur	30.0										
		2.3	8,120	8.5	18,300	2.3	22,880	-0.7	21,420	1.8	24,190
Waukegan Road	27.7										
		2.5	10,350	7.2	20,760	1.9	25,010	-0.3	24,280	2.3	28,450
Tri-State Tollway	25.2										
Lake Cook Road / I-94 / I-294	25.2										
		1.0	32,100	6.0	57,460	2.0	69,970	0.9	76,390	2.3	89,350
Deerfield Road	24.2										
		2.4	29,180	5.6	50,360	2.3	63,280	1.4	72,870	2.4	85,880
Half Day Road (Illinois Route 22/PL 23)	21.8										
		2.9	28,600	5.5	48,980	2.5	62,960	0.8	68,200	2.6	81,590
Town Line Road (Illinois Route 60/PL 22)	18.9										
		0.8	26,050	5.8	45,830	2.9	61,020	0.2	62,510	2.5	74,260
Lake Forest Oasis	18.1										
		2.1	26,050	5.8	45,830	2.9	61,020	0.2	62,510	2.5	74,260
Rockland Avenue (Illinois Route 176)	16.0										
		2.2	24,220	5.6	41,940	3.1	56,670	0.3	58,280	2.3	68,130
Buckley Road (Illinois Route 137)	13.8										
		2.6	22,310	5.5	38,070	3.3	52,860	0.3	54,570	2.0	62,740
Belvidere Road (Illinois Route 120)	11.2										
		1.1	18,840	5.1	31,010	3.2	42,380	0.5	44,450	1.1	48,070
Milwaukee Avenue (Illinois Route 21)	10.1										
		1.7	19,580	5.2	32,400	3.3	44,640	0.6	47,290	1.4	52,100
Grand Avenue (Illinois Route 132)	8.4										
Toll Plaza 21	4.8	6.0	13,440	5.6	23,220	2.8	30,650	0.4	31,920	3.2	39,670
Rosecrans Road (Illinois Route 173)	2.4										
		1.2	12,580	5.4	21,250	2.6	27,590	0.3	28,340	3.1	35,000
Mill Creek Road	1.2										
		0.4	12,580	5.4	21,250	2.6	27,590	0.3	28,340	3.1	35,000
Skokie Highway (U.S. Route 41)	0.8										



**TABLE 3-C: AVERAGE DAILY TRAFFIC VOLUMES BETWEEN INTERCHANGES 1980-2017 (SOUTHBOUND-1)**

Location	Mile Post	Miles Btwn. Int.	ADT 1980	Average Annual Percent Change	ADT 1990	Average Annual Percent Change	ADT 2000	Average Annual Percent Change	ADT 2010	Average Annual Percent Change	ADT 2017
Bishop Ford Freeway/Calumet Expy	0.0										
		0.8	32,160	4.9	51,770	0.9	56,630	2.9	75,700	2.2	88,260
Lincoln Oasis	0.8										
		1.9	32,160	4.9	51,770	0.9	56,630	2.9	75,700	2.2	88,260
Halsted Street (Pl 47)	2.7										
		1.3	30,260	5.0	49,300	0.8	53,380	3.1	72,100	2.1	83,430
Wood Street	4.0										
		0.2	30,260	5.0	49,300	0.8	53,380	3.1	72,100	2.1	83,430
Dixie Highway	4.2										
		0.9	33,000	4.9	53,370	0.7	57,100	2.9	75,790	1.9	86,490
I-80 (Pl 43 & 45)	5.1										
Toll Plaza 41	5.6	1.2	25,850	4.7	40,770	-0.4	39,050	2.4	49,600	1.2	53,760
159th Street (Pl46)	6.3										
		1.7	24,400	4.8	39,050	1.2	44,180	1.2	49,570	1.1	53,560
I-57/147th Street	8.0										
		4.0	24,400	4.8	39,050	1.2	44,180	1.2	49,570	5.3	71,210
Cicero Avenue (Illinois Route 50)	12.0										
		5.5	27,290	4.6	42,590	2.8	56,350	-0.4	54,280	4.6	74,250
95th Street (U.S. Routes 12&20)	17.5										
Toll Plaza 36	19.5	2.8	35,750	4.0	53,170	2.9	70,920	-0.5	67,510	3.2	84,400
79th Street/Archer Avenue	20.3										
		1.7	30,530	4.0	45,290	3.8	65,790	-0.4	63,000	2.7	76,100
Willow Springs Road/75th Street	22.0										
		1.1	30,530	4.0	45,290	4.1	67,370	-0.4	64,420	2.3	75,640
Interstate 55 (No SB Ramps)	23.1										
		0.2	30,530	4.0	45,290	4.1	67,370	-0.4	64,420	0.2	65,150
Wolf Road & NB I-55 Entrance	23.3										
		0.8	27,460	3.3	37,980	3.6	54,270	0.2	55,200	2.4	65,150
Interstate 55	24.1										
		0.9	45,140	3.0	60,840	2.9	80,730	0.6	86,050	1.8	97,330
Hinsdale Oasis	25.0										
		2.4	45,140	3.0	60,840	2.9	80,730	0.6	86,050	1.8	97,330
Ogden Avenue (U.S. Route 34)	27.4										
		1.6	44,450	3.2	60,940	2.9	80,940	0.6	86,180	1.4	95,110
Reagan Connector	29.0										
		0.5	37,400	2.5	47,760	3.7	68,440	-0.2	67,060	1.2	72,710
Cermak Road	29.5										
Toll Plaza 35	29.9	1.0	39,160	2.5	50,330	3.6	71,370	-0.3	69,070	1.7	77,470
Roosevelt Road (Illinois Route 38)	30.5										
		0.6	37,330	2.6	48,030	3.5	67,520	-0.4	65,020	1.5	71,920
Reagan Memorial Tollway (I-88)	31.1										
		0.5	43,340	4.2	65,600	2.9	87,710	0.4	91,100	1.3	99,560
Eisenhower Expressway (I-290)	31.6										
		2.0	39,180	2.5	50,360	3.4	70,590	0.6	74,620	1.9	85,390
Illinois Route 64 & U.S. Route 20	33.6										
		4.2	46,280	2.7	60,310	3.2	82,840	0.3	85,070	2.1	98,130
O'Hare Oasis	37.8										
		0.5	46,280	2.7	60,310	3.2	82,840	0.3	85,070	2.1	98,130
Irving Park Road (Illinois Route 19)	38.3										
Toll Plaza 33	38.9	1.5	51,960	3.2	70,940	2.9	94,270	0.2	96,260	2.0	110,710
Balmoral Avenue	39.8										



**TABLE 3-D: AVERAGE DAILY TRAFFIC VOLUMES BETWEEN INTERCHANGES 1980-2017 (SOUTHBOUND-2)**

Location	Mile Post	Miles Btwn. Int.	ADT 1980	Average Annual Percent Change	ADT 1990	Average Annual Percent Change	ADT 2000	Average Annual Percent Change	ADT 2010	Average Annual Percent Change	ADT 2017
Balmoral Avenue	39.8										
	40.5	1.1	51,960	3.2	70,940	2.6	91,700	-0.2	90,200	1.9	102,630
O'Hare Interchange (I-90/I-294/I-190)	40.9										
Toll Plaza 29	41.6	1.2	45,980	4.5	71,500	1.0	79,140	-0.1	78,040	3.3	98,040
Touhy Avenue	42.1										
		2.1	39,940	4.8	63,660	0.9	69,290	-0.1	68,920	3.6	88,110
Dempster Street (U.S. Route 14)	44.2										
		1.0	29,520	4.6	46,460	0.6	49,170	0.0	49,030	3.8	63,640
Golf Road (Illinois Route 58)	45.2										
		3.7	33,480	4.8	53,510	0.8	57,890	-0.1	57,080	3.5	72,720
Willow Road (PL27)	48.9										
		3.9	22,130	7.2	44,410	1.2	50,280	0.3	51,810	3.6	66,280
Lake Cook Road	52.8										
Edens Expressway	30.0										
		2.3	8,500	8.0	18,420	2.3	23,100	-0.6	21,800	1.7	24,570
Waukegan Road	27.7										
		2.5	10,230	7.3	20,760	2.0	25,310	-0.1	25,010	2.2	29,150
Lake Cook Road / I-94 / I-294	25.2										
Lake Cook Road / I-94 / I-294	25.2										
		1.0	32,360	6.5	60,480	1.6	70,900	0.8	76,560	3.3	95,830
Deerfield Road	24.2										
		2.4	29,260	6.2	53,160	2.0	64,960	0.7	69,920	3.4	88,180
Half Day Road (Illinois Route 22/PL23)	21.8										
		2.9	28,440	6.1	51,480	2.3	64,320	0.3	66,210	3.2	82,360
Town Line Road (Illinois Route 60/PL22)	18.9										
		0.8	25,900	6.4	48,000	2.6	62,080	-0.2	61,150	2.9	74,660
Lake Forest Oasis	18.1										
		2.1	25,900	6.4	48,000	2.6	62,080	-0.2	61,150	2.9	74,660
Rockland Road (Illinois Route 176)	16.0										
		2.2	24,080	6.2	43,780	2.8	57,680	0.0	57,430	2.5	68,490
Buckley Road (Illinois Route 137/PL20)	13.8										
		2.6	22,100	6.0	39,560	3.0	53,310	0.0	53,370	2.2	62,000
Belvidere Road (Illinois Route 120)	11.2										
		1.1	18,770	5.6	32,240	2.7	41,900	0.4	43,600	1.2	47,240
Milwaukee Avenue (Illinois Route 21)	10.1										
		1.7	19,580	5.5	33,590	2.8	44,350	0.5	46,680	1.5	51,780
Grand Avenue (Illinois Route 132)	8.4										
Toll Plaza 21	4.8	6.0	13,520	5.8	23,690	2.8	31,270	0.5	32,730	3.1	40,590
Rosecrans Road (Illinois Route 173)	2.4										
		1.2	12,380	5.8	21,740	2.5	27,960	0.3	28,800	3.0	35,480
U.S. Route 41	1.2										
		0.4	11,410	5.7	19,830	2.8	26,110	3.4	36,630	3.4	46,160
Russell Road (West Terminus)	0.8										



**TABLE 3-E: GENERAL STATISTICS FOR MAINLINE PLAZAS  
(Vehicles/Hour)**

Mainline Plaza	Dir.	30th HV	Period	Mean	Med.	Max.	Min.	Std. Dev.	85th %
21 Waukegan	NB	4,543	AM Peak	1,672	1,658	2,164	995	208	1,880
			PM Peak	3,512	3,546	4,111	1,782	299	3,764
			OFF Peak	1,404	1,414	3,959	146	852	2,313
			Weekend	1,717	1,665	5,266	114	1,130	2,912
			Holidays	1,690	1,632	4,415	80	1,174	3,051
	SB	4,674	AM Peak	3,261	3,336	3,884	1,573	358	3,583
			PM Peak	2,046	2,035	2,893	1,474	223	2,285
			OFF Peak	1,445	1,570	3,457	157	835	2,361
			Weekend	1,743	1,769	5,453	149	1,124	2,925
			Holidays	1,814	1,759	5,582	118	1,271	3,083
24 Edens Spur	EB	2,875	AM Peak	2,502	2,486	2,969	1,192	287	2,793
			PM Peak	1,835	1,832	2,323	1,312	151	1,989
			OFF Peak	1,066	1,208	2,764	72	709	1,805
			Weekend	1,172	1,287	2,931	69	730	1,954
			Holidays	1,121	1,190	2,850	53	720	1,931
	WB	2,916	AM Peak	1,646	1,393	2,335	450	426	2,119
			PM Peak	2,582	2,613	3,024	1,634	220	2,781
			OFF Peak	1,060	1,070	2,919	57	734	1,898
			Weekend	1,130	1,109	3,103	17	730	1,917
			Holidays	1,030	958	3,046	52	732	1,793
29 Touhy Avenue	NB	8,907	AM Peak	8,018	8,071	9,255	4,430	795	8,789
			PM Peak	7,594	7,651	8,598	5,819	474	8,026
			OFF Peak	3,780	4,267	8,750	288	2,302	6,206
			Weekend	3,830	4,025	8,666	396	2,216	6,204
			Holidays	3,551	3,711	8,354	315	2,165	5,911
33 Irving Park Road	SB	8,797	AM Peak	7,352	7,000	9,099	4,545	1,114	8,607
			PM Peak	7,643	7,712	8,805	5,491	572	8,190
			OFF Peak	4,326	4,912	8,727	375	2,569	7,222
			Weekend	4,341	4,576	8,670	511	2,420	7,042
			Holidays	3,924	4,221	8,082	406	2,319	6,610



**TABLE 3-E: GENERAL STATISTICS FOR MAINLINE PLAZAS  
(Vehicles/Hour)**

Mainline Plaza	Dir.	30th HV	Period	Mean	Med.	Max.	Min.	Std. Dev.	85th %
35 Cermak Road	NB	6,002	AM Peak	5,359	5,297	6,317	3,312	676	5,896
			PM Peak	5,201	5,193	6,038	4,106	371	5,595
			OFF Peak	3,020	3,464	5,809	277	1,719	4,852
			Weekend	3,147	3,265	6,044	386	1,757	5,140
			Holidays	2,962	3,141	5,803	336	1,734	4,862
	SB	5,824	AM Peak	4,711	4,685	5,651	2,847	541	5,277
			PM Peak	4,609	4,655	5,412	2,684	409	5,020
			OFF Peak	3,087	3,365	6,028	284	1,752	4,969
			Weekend	3,095	3,243	5,976	327	1,688	5,021
			Holidays	2,835	2,989	5,842	278	1,633	4,781
36 82 <sup>nd</sup> Street	SB	7,801	AM Peak	4,516	4,407	5,539	2,584	728	5,211
			PM Peak	7,230	7,352	8,057	4,802	570	7,636
			OFF Peak	3,318	3,480	7,672	219	2,002	5,334
			Weekend	3,251	3,243	8,035	267	1,902	5,184
			Holidays	3,045	2,946	7,605	239	1,916	5,229
39 83 <sup>rd</sup> Street	NB	7,447	AM Peak	6,658	6,753	7,619	3,773	694	7,323
			PM Peak	5,263	5,260	6,291	4,131	433	5,715
			OFF Peak	3,146	3,406	6,397	347	1,805	5,181
			Weekend	3,221	3,255	7,401	410	1,862	5,309
			Holidays	3,102	3,244	7,020	282	1,866	5,183
41 163 <sup>rd</sup> Street	NB	4,462	AM Peak	4,102	4,179	4,623	2,217	361	4,400
			PM Peak	3,431	3,446	4,266	2,709	330	3,799
			OFF Peak	2,079	2,275	4,096	261	1,114	3,320
			Weekend	2,173	2,201	4,466	271	1,232	3,612
			Holidays	2,171	2,162	4,530	203	1,286	3,617
	SB	4,591	AM Peak	2,685	2,662	3,359	1,532	387	3,094
			PM Peak	4,109	4,138	4,635	2,935	299	4,377
			OFF Peak	2,122	2,256	4,681	192	1,141	3,332
			Weekend	2,131	2,144	4,752	242	1,185	3,442
			Holidays	2,022	1,959	4,620	161	1,206	3,398

AM Peak = Weekday 6:00 AM To 8:00 AM Except Fridays  
 PM Peak = Weekday 4:00 PM To 6:00 PM Except Fridays  
 OFF Peak = Weekdays Except Fridays and AM and PM Peak Periods  
 Weekend = Fridays, Saturdays, and Sundays  
 Holidays = See Page 1-6 for a list of Holidays.



**TABLE 3-F: INDEXED MONTHLY VARIATION BY MAINLINE PLAZA**

Month	Wau-kegan	Edens Spur	Touhy Avenue	Irving Park	Cermak Road	82nd Street	83rd Street	163rd Street
January	0.81	0.86	0.87	0.89	0.87	0.86	0.86	0.84
February	0.88	0.93	0.94	0.96	0.95	0.94	0.94	0.92
March	0.91	0.93	0.97	0.99	1.00	0.99	0.99	0.98
April	0.97	0.99	1.00	1.01	1.01	1.00	1.01	1.00
May	1.02	1.04	1.04	1.04	1.05	1.04	1.06	1.05
June	1.12	1.10	1.09	1.05	1.07	1.08	1.06	1.09
July	1.18	1.10	1.04	1.02	1.03	1.04	1.04	1.07
August	1.13	1.09	1.07	1.06	1.06	1.07	1.06	1.08
September	1.07	1.04	1.03	1.03	1.02	1.02	1.02	1.03
October	1.01	1.02	1.03	1.03	1.02	1.02	1.01	1.01
November	0.98	0.97	0.99	0.99	1.00	1.01	1.00	0.99
December	0.93	0.92	0.93	0.93	0.94	0.94	0.95	0.93

**TABLE 3-G: INDEXED DAILY VARIATION BY MAINLINE PLAZA**

Month	Day	Wau-kegan	Edens Spur	Touhy Avenue	Irving Park	Cermak Road	82nd Street	83rd Street	163rd Street
August	Monday	1.08	1.07	1.06	1.05	1.05	1.07	1.07	1.06
	Tuesday	1.09	1.08	1.06	1.04	1.04	1.04	1.05	1.06
	Wednesday	1.10	1.06	1.04	1.04	1.03	1.03	1.03	1.04
	Thursday	1.09	1.06	1.05	1.03	1.03	1.05	1.03	1.05
	Friday	1.11	1.08	1.05	1.03	1.03	1.04	1.03	1.05
	Saturday	1.21	1.11	1.11	1.11	1.09	1.10	1.07	1.13
	Sunday	1.26	1.13	1.09	1.12	1.12	1.12	1.13	1.16
December	Monday	0.91	0.91	0.93	0.93	0.92	0.93	0.92	0.90
	Tuesday	1.01	0.94	0.96	0.96	0.97	0.95	0.97	0.97
	Wednesday	0.99	0.95	0.96	0.97	0.98	0.98	0.99	0.99
	Thursday	0.96	0.93	0.95	0.96	0.97	0.96	0.99	0.97
	Friday	0.92	0.92	0.93	0.95	0.95	0.94	0.96	0.94
	Saturday	0.93	0.93	0.95	0.95	0.94	0.96	0.97	0.95
	Sunday	0.77	0.85	0.85	0.84	0.83	0.85	0.85	0.79

Table 3-G includes Monthly Variation



TABLE 3-H: ANNUAL TOTAL TRANSACTIONS BY TOLL PLAZA

Plaza	Plaza Code*	2016**	2017	Percentage Change
20 Buckley Road	R	2,602,642	2,591,261	-0.4%
21 Waukegan	M	28,682,181	29,294,423	2.1%
22 Illinois Route 60	R	3,878,568	3,784,185	-2.4%
23 Half Day Road	R	4,112,064	4,082,301	-0.7%
24 Edens Spur	M	21,070,450	21,013,411	-0.3%
26 Lake-Cook Road	R	6,524,979	6,341,168	-2.8%
27 Willow Road	R	6,449,806	6,310,824	-2.2%
28 Golf Road	R	6,668,290	6,586,948	-1.2%
29 Touhy Avenue	M1	35,490,650	36,476,816	2.8%
30 Balmoral Avenue	E	4,112,392	4,468,854	8.7%
31 O'Hare West	R1	9,130,001	9,914,290	8.6%
32 O'Hare East	R1	6,583,519	6,410,242	-2.6%
33 Irving Park Road	M1	40,361,344	40,402,666	0.1%
34 Willow Springs Road	R	2,405,044	2,469,051	2.7%
35 Cermak Road	M	56,607,378	56,998,187	0.7%
36 82nd Street	M1	30,519,564	30,801,569	0.9%
37 I-55	R	24,010,145	23,654,955	-1.5%
38 95th Street	R	6,069,055	6,162,501	1.5%
39 83rd Street	M1	29,741,633	30,083,072	1.1%
40 159th Street	R	2,424,915	2,371,118	-2.2%
41 163rd Street	M	39,188,780	39,558,782	0.9%
42 I-57	E	12,249,302	13,466,457	9.9%
43 I-80 Westbound	A1	13,091,530	13,176,578	0.6%
45 I-80 Eastbound	A1	12,306,884	12,381,699	0.6%
47 Halsted Street	R	8,102,879	8,188,791	1.1%
Tri-State Total		412,383,995	416,990,149	1.1%

\* M=Mainline / R=Ramp / A=Attended Ramp Plaza / E=Electronic Toll Collection Only Ramp  
1=Toll Collected in One Direction Only

\*\* 2016 was a leap year



**TABLE 3-I: AVERAGE DAILY TRAFFIC DATA**

Year	Average Daily Total			Average Trip
	Vehicles	Vehicle Miles	Transactions	Length (Miles)
1959	42,944	1,074,421	87,977	25.02
1960	53,665	1,423,119	114,591	26.52
1961	63,040	1,508,414	113,413	23.93
1962	79,567	1,716,653	149,996	21.57
1963	81,865	1,538,064	135,872	18.79
1964	83,177	1,576,375	140,729	18.95
1965	96,141	1,791,966	161,958	18.64
1966	104,898	2,070,944	189,068	19.74
1967	113,248	2,264,510	211,941	20.00
1968	124,197	2,499,952	255,161	20.13
1969	145,335	2,795,118	285,279	19.23
1970	150,204	2,993,741	305,965	19.93
1971	165,910	3,324,444	340,539	20.04
1972	177,740	3,435,183	352,056	19.33
1973	196,462	3,684,032	386,527	18.75
1974	206,074	3,814,440	404,858	18.51
1975	212,313	3,815,435	407,611	17.97
1976	234,136	4,147,527	442,435	17.71
1977	252,032	4,472,743	475,766	17.75
1978	268,655	4,748,560	504,534	17.68
1979	274,714	4,870,270	520,258	17.73
1980	264,698	4,804,154	508,555	18.15
1981	279,965	4,905,922	522,890	17.52
1982	281,782	4,818,745	519,152	17.10
1983	291,652	5,001,519	532,111	17.15
1984	310,008	5,493,171	583,129	17.72
1985	327,277	5,660,998	603,292	17.30
1986	348,651	6,227,866	654,517	17.86
1987	367,191	6,233,335	685,226	16.98
1988	396,711	7,132,315	749,395	17.98
1989	410,352	7,364,825	771,395	17.95
1990	425,089	7,501,631	779,065	17.65
1991	478,355	7,607,215	797,157	15.90
1992	494,963	7,283,706	781,630	14.72
1993	499,598	7,205,338	782,631	14.42
1994	491,071	8,254,734	859,181	16.81
1995	520,320	8,814,694	916,329	16.94
1996	540,460	9,090,414	945,831	16.82
1997	562,300	9,257,833	971,481	16.46
1998	577,930	9,408,676	975,821	16.28
1999	576,220	9,404,524	893,630	16.32
2000	590,900	9,632,552	916,723	16.30
2001	601,820	9,775,171	933,313	16.24
2002	615,200	10,263,261	965,408	16.68
2003	626,950	10,515,023	989,952	16.77
2004	634,390	10,611,992	1,003,291	16.73
2005	594,220	9,982,878	936,432	16.80
2006	537,400	9,956,325	927,615	18.53
2007	563,600	10,132,520	964,388	17.98
2008	581,370	9,101,117	894,275	15.65
2009	578,140	8,992,194	886,512	15.55
2010	581,150	9,979,253	955,841	17.17
2011	595,800	10,128,377	982,468	17.00
2012	582,330	9,752,805	940,793	16.75
2013	596,490	10,242,864	973,802	17.17
2014	612,520	10,551,115	1,006,738	17.23
2015	638,240	11,335,773	1,080,908	17.76
2016	662,790	11,684,828	1,126,732	17.63
2017	672,180	11,854,283	1,142,439	17.64





FIGURE 3-B

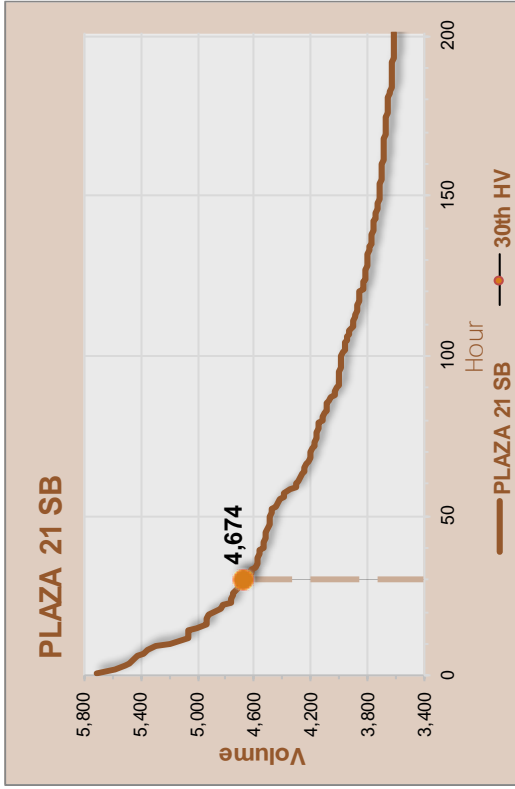


FIGURE 3-D

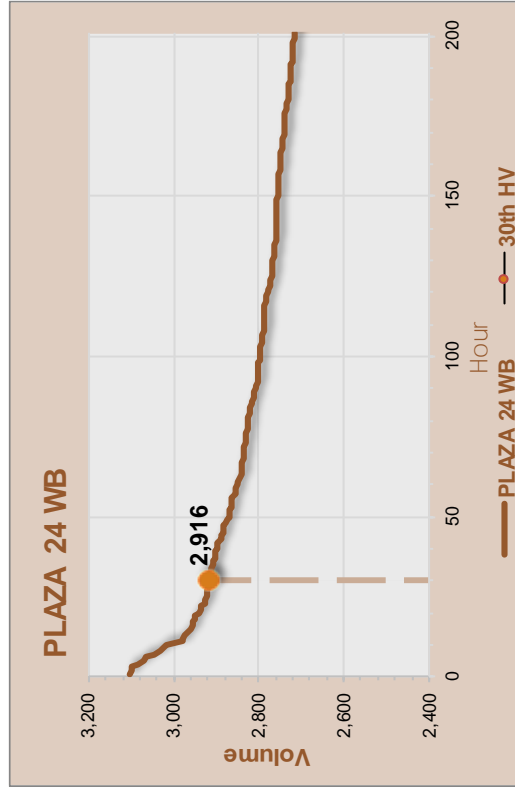


FIGURE 3-A

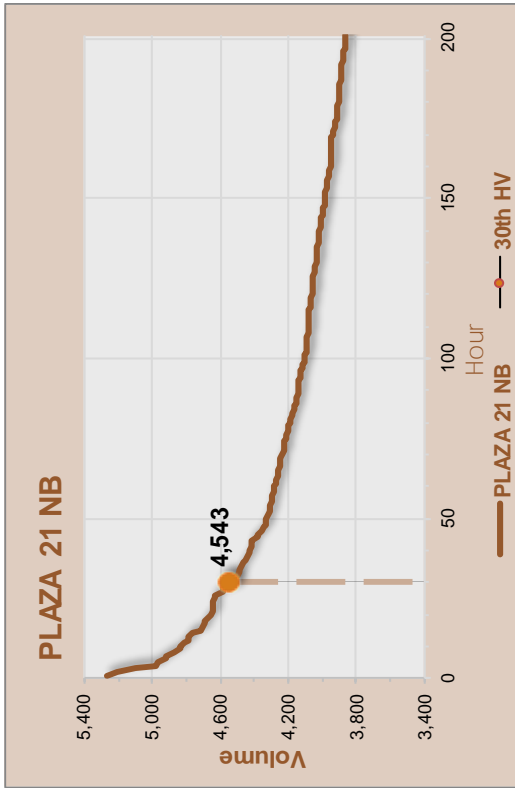
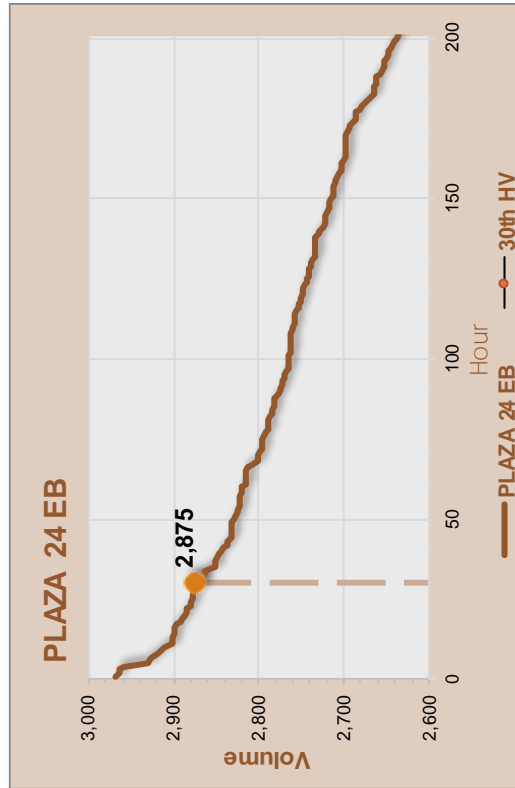


FIGURE 3-C



MAINLINE PLAZA HIGHEST HOURLY VOLUME



FIGURE 3-F

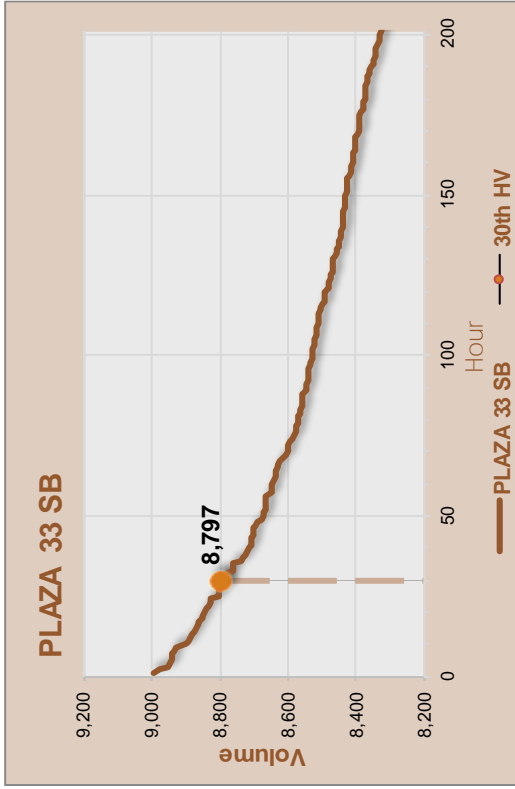


FIGURE 3-H

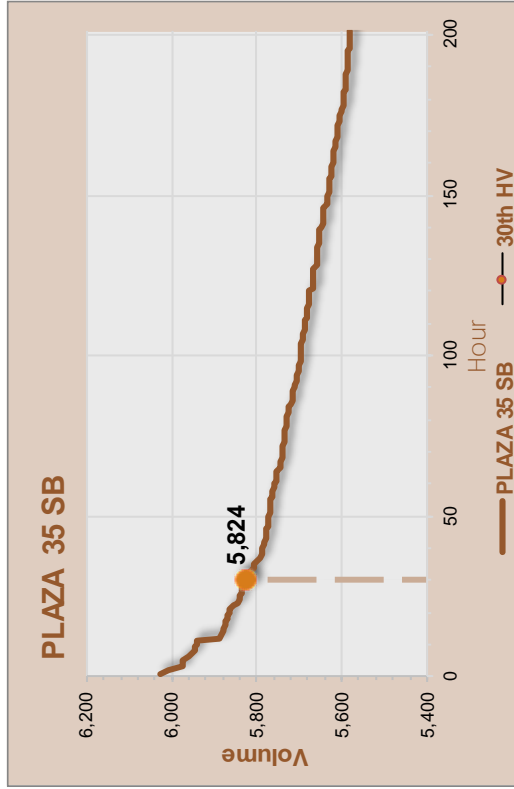


FIGURE 3-E

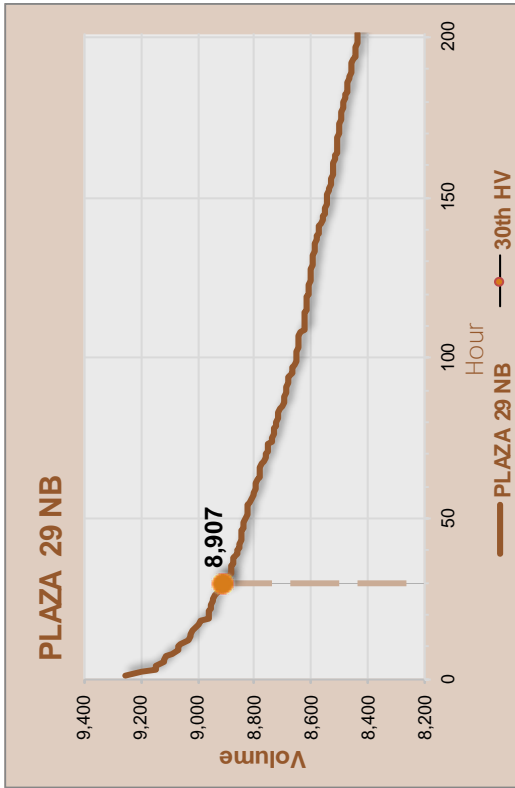
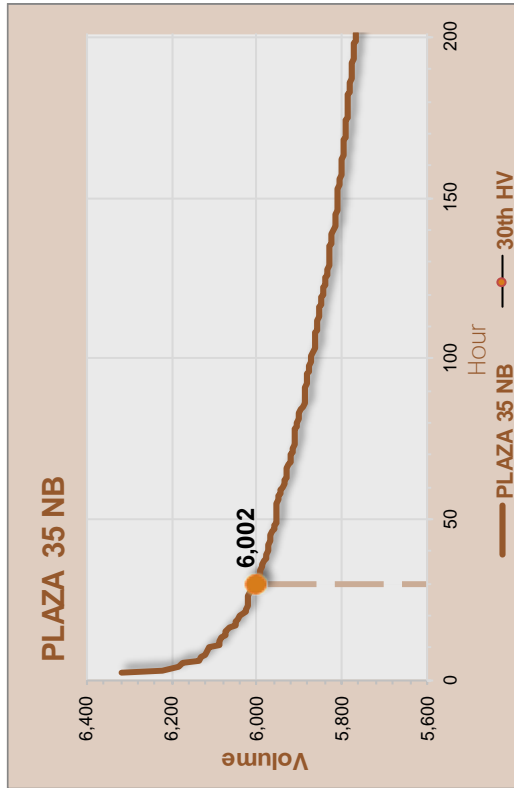


FIGURE 3-G



MAINLINE PLAZA HIGHEST HOURLY VOLUME



FIGURE 3-J

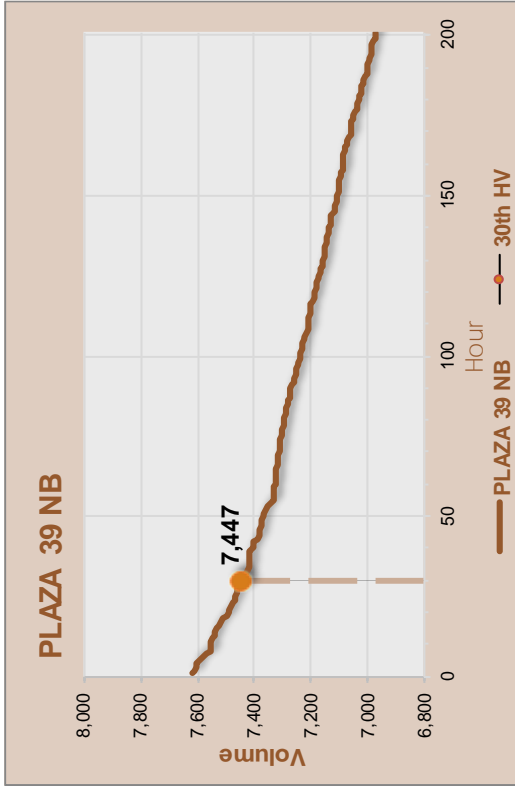


FIGURE 3-L

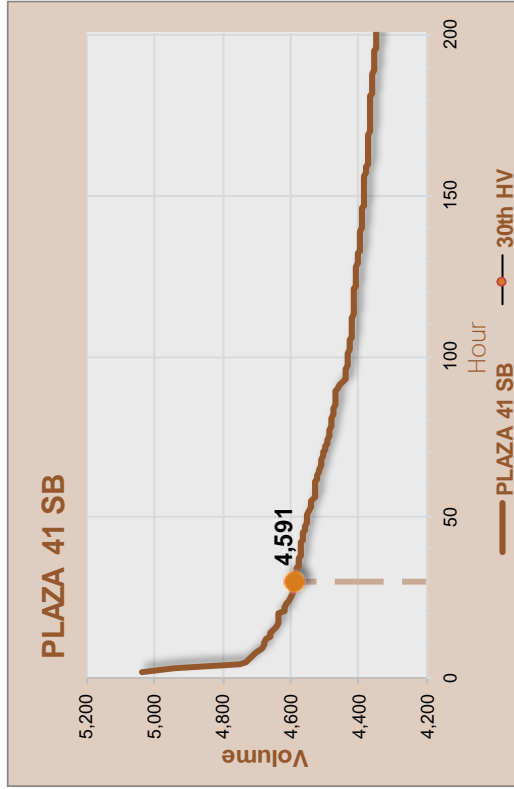


FIGURE 3-I

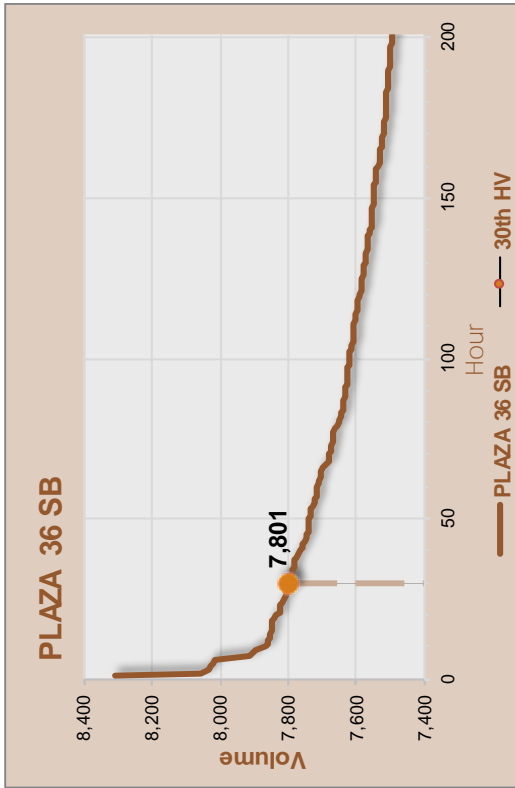
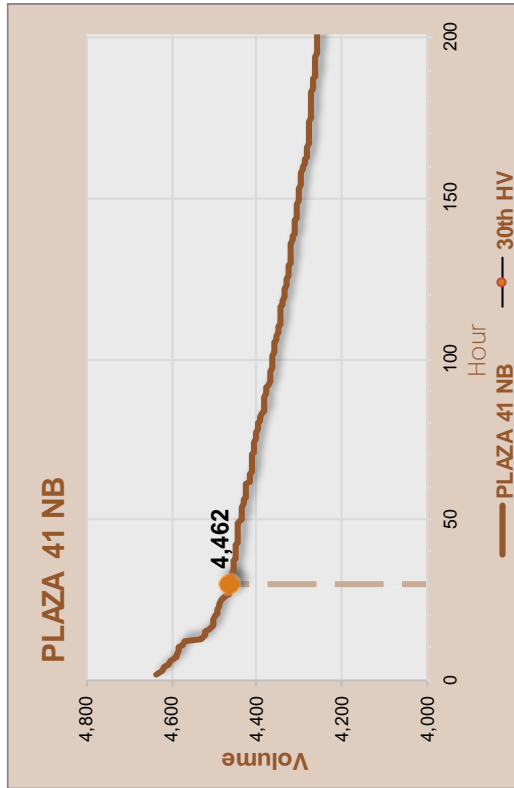


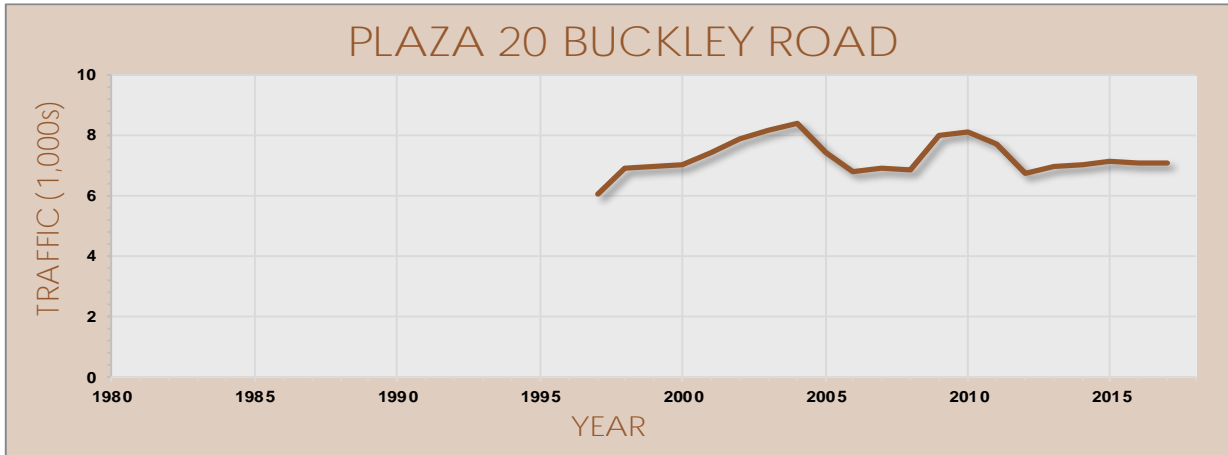
FIGURE 3-K



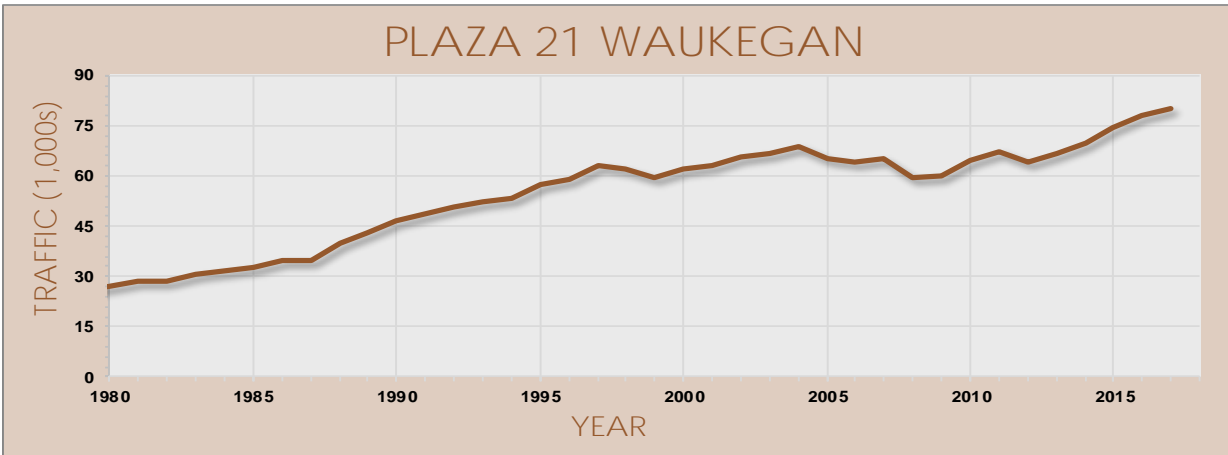
MAINLINE PLAZA HIGHEST HOURLY VOLUME



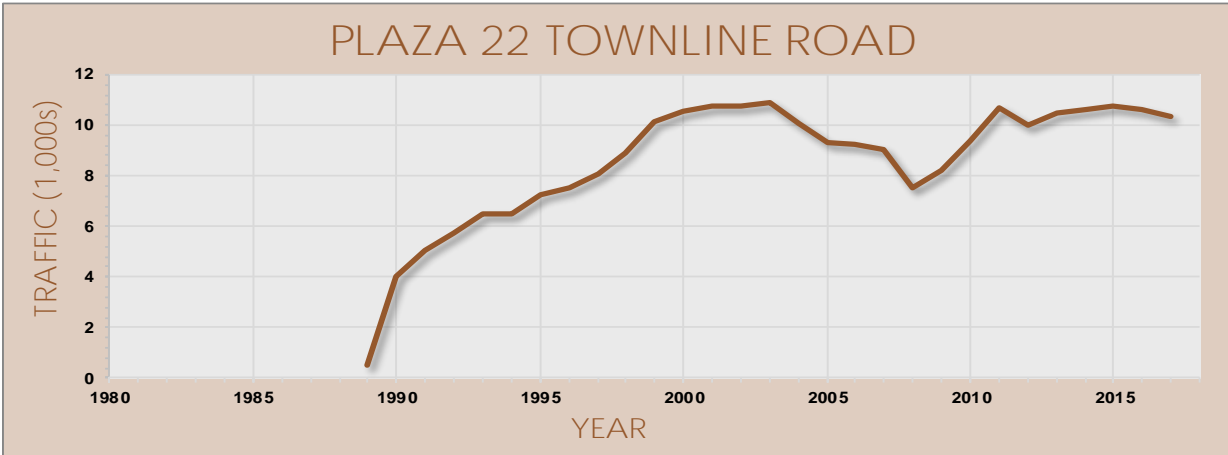
**FIGURE 3-M**



**FIGURE 3-N**



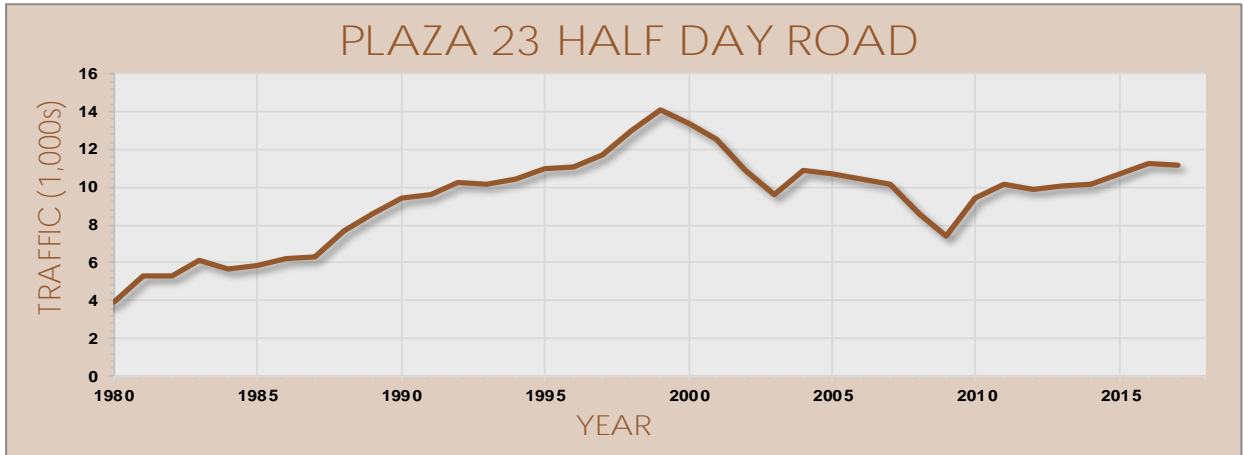
**FIGURE 3-O**



**AVERAGE DAILY TRAFFIC TRENDS**

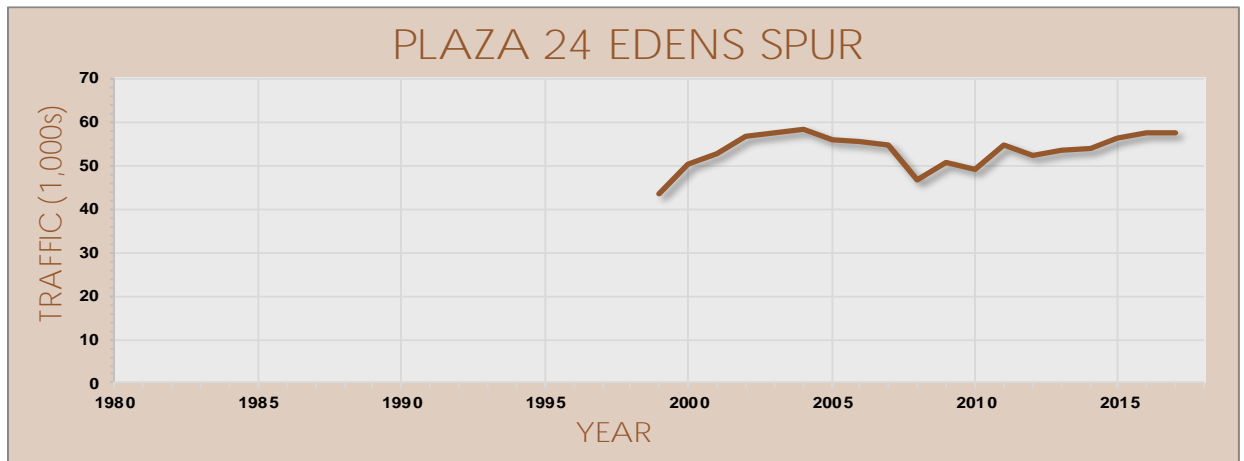


**FIGURE 3-P**



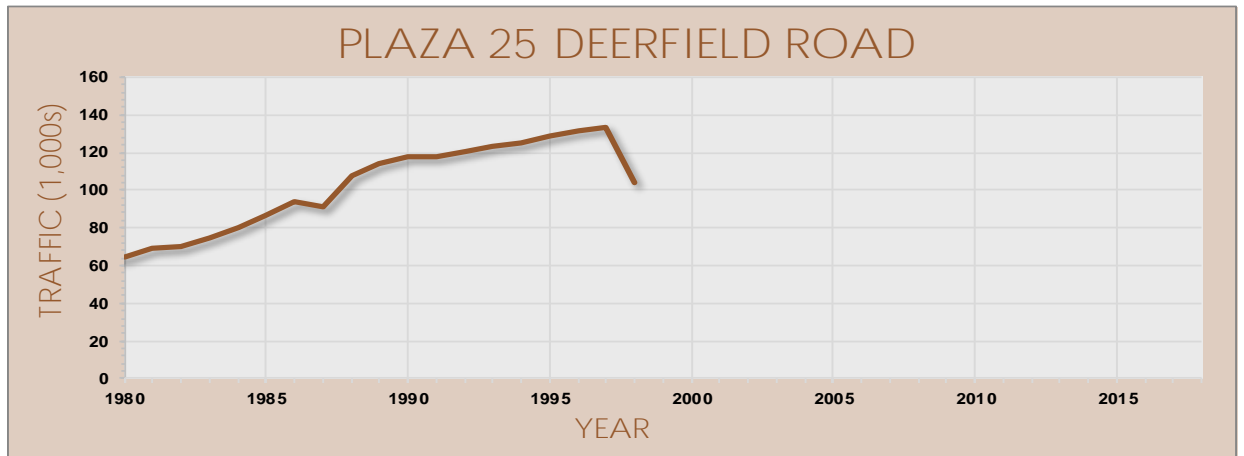
**FIGURE 3-Q**

Plaza 24 opened in 1999 due to Plaza 25 removal.



**FIGURE 3-R**

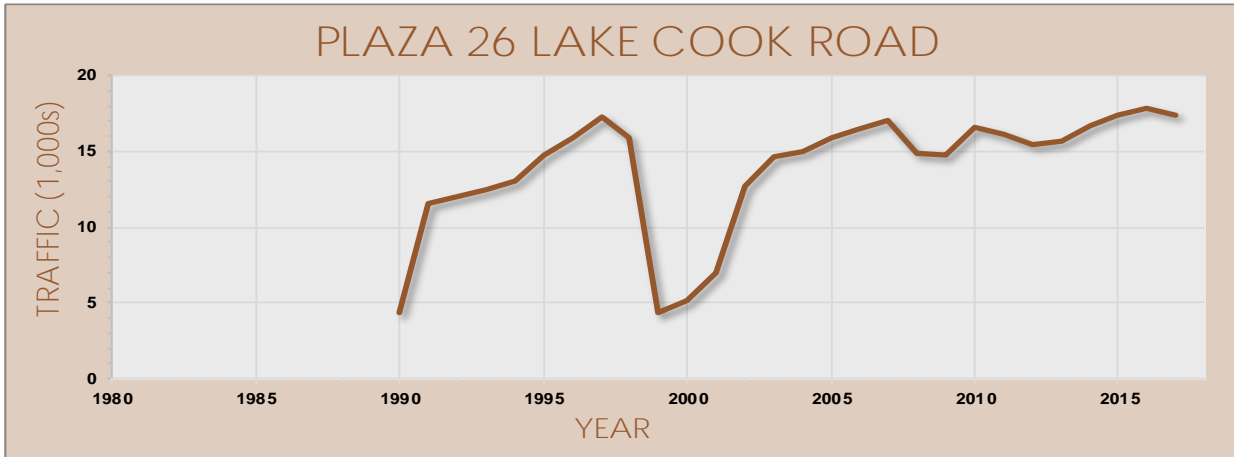
Plaza 25 removed in 1998.



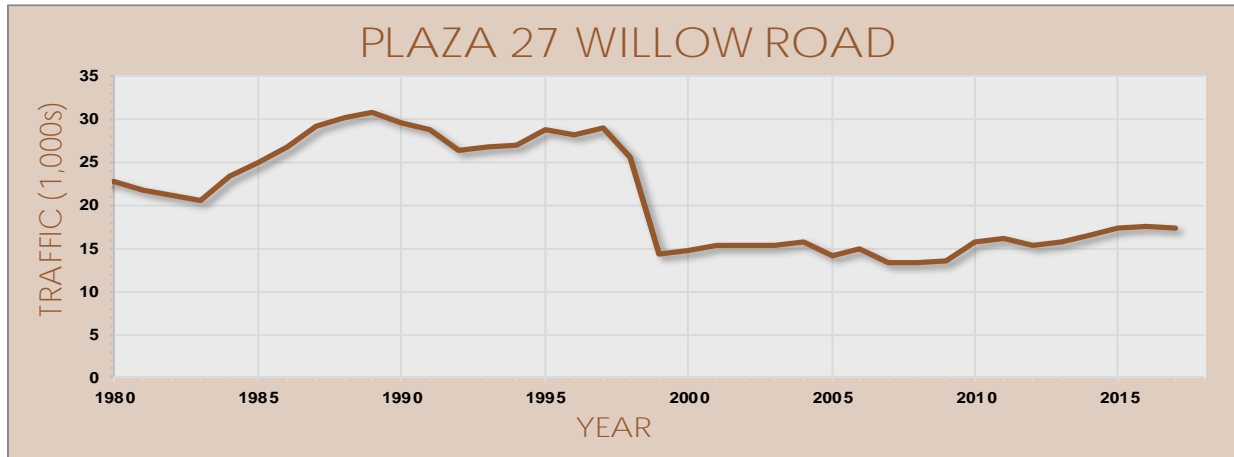
**AVERAGE DAILY TRAFFIC TRENDS**



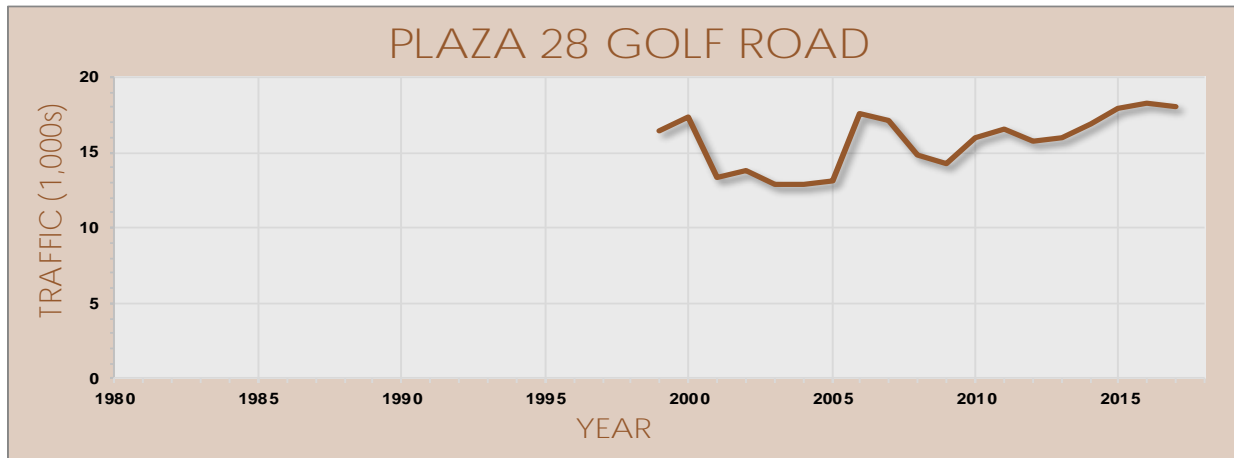
**FIGURE 3-S** Toll collection at Plaza 26 was moved from ramps to/from the south to ramps to/from the north due to Plaza 25 removal.



**FIGURE 3-T** Toll collection at Plaza 27 was moved from ramps to/from the south to ramps to/from the north due to Plaza 25 removal.



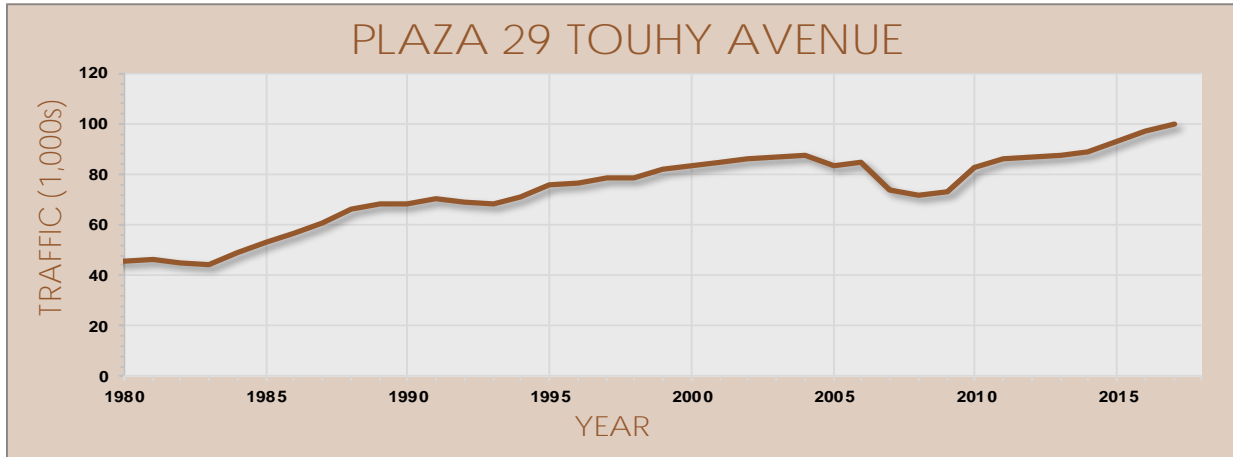
**FIGURE 3-U** Plaza 28 opened in 1998 due to Plaza 25 removal.



## AVERAGE DAILY TRAFFIC TRENDS

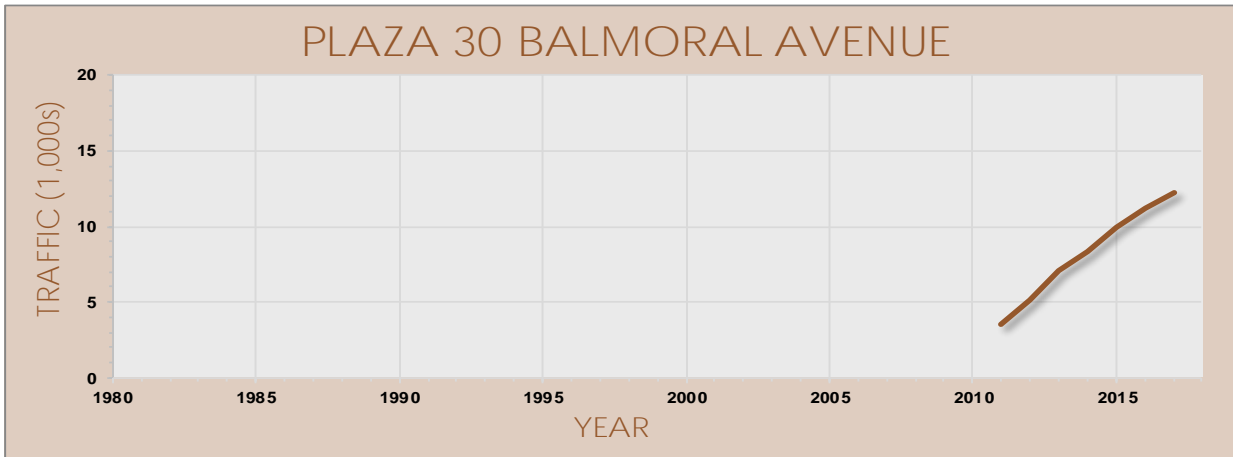


**FIGURE 3-V**

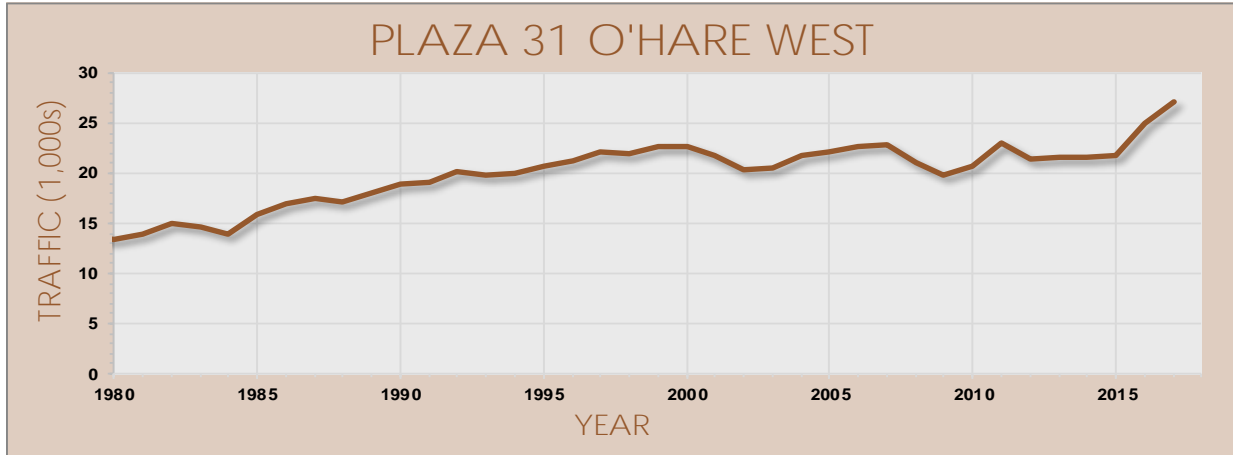


**FIGURE 3-W**

Plaza 30 opened in 2011.



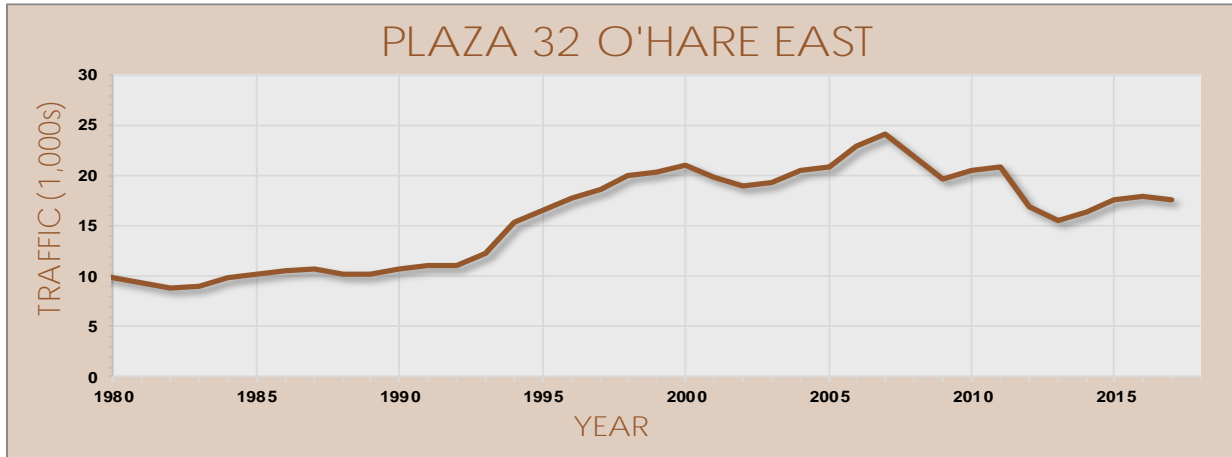
**FIGURE 3-X**



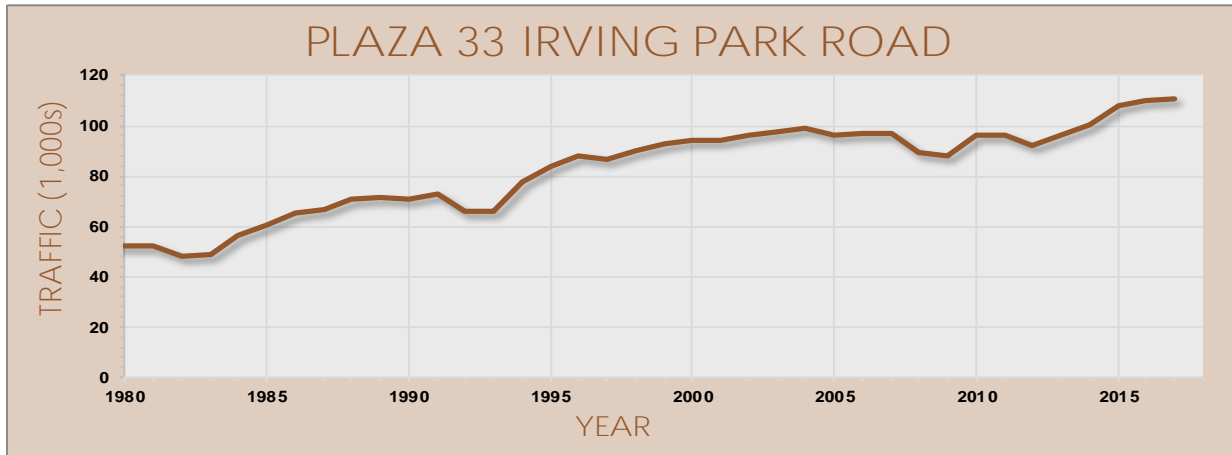
**AVERAGE DAILY TRAFFIC TRENDS**



**FIGURE 3-Y**

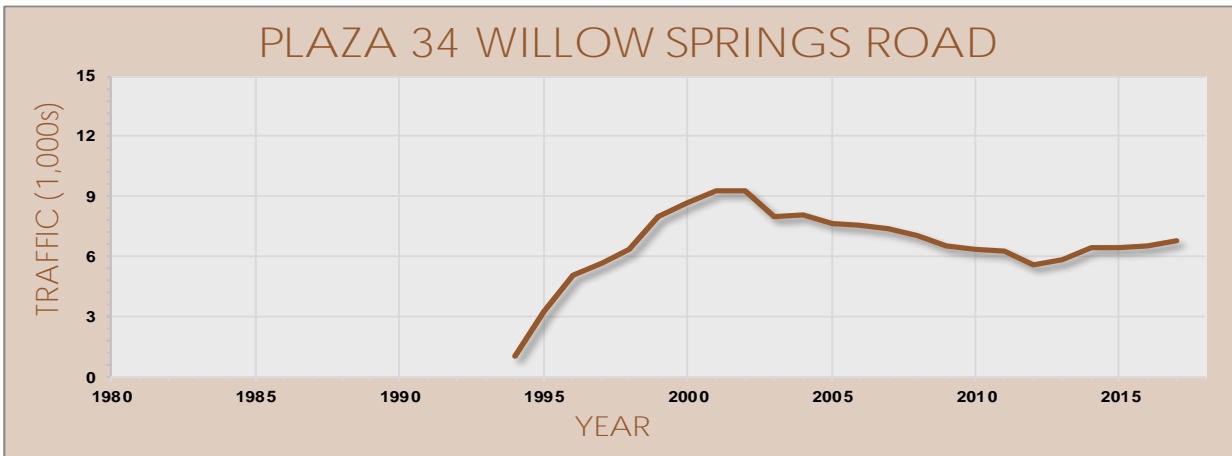


**FIGURE 3-Z**



**FIGURE 3-AA**

Plaza 34 opened in 1994 due to the replacement of southbound Plaza 39 with Plaza 36.

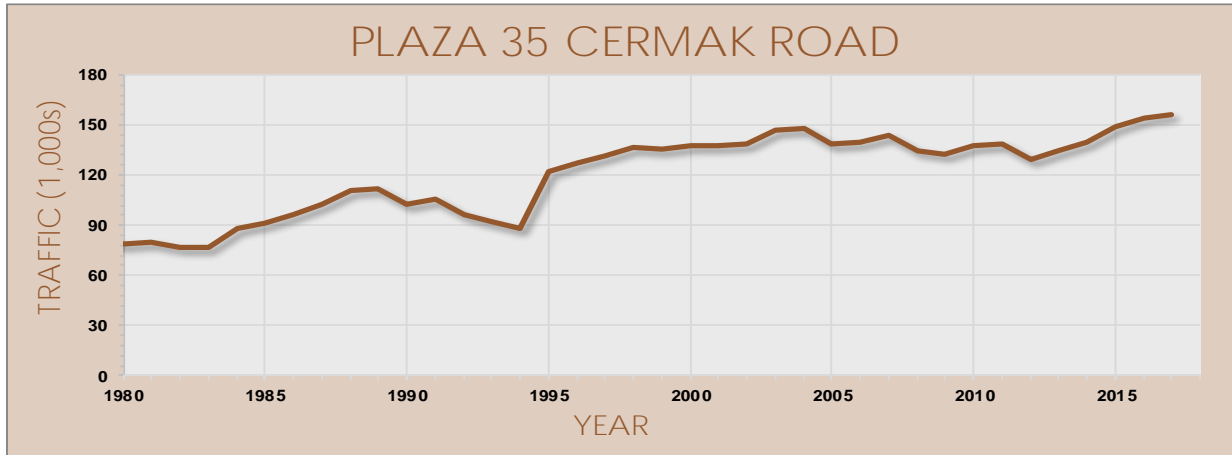


**AVERAGE DAILY TRAFFIC TRENDS**

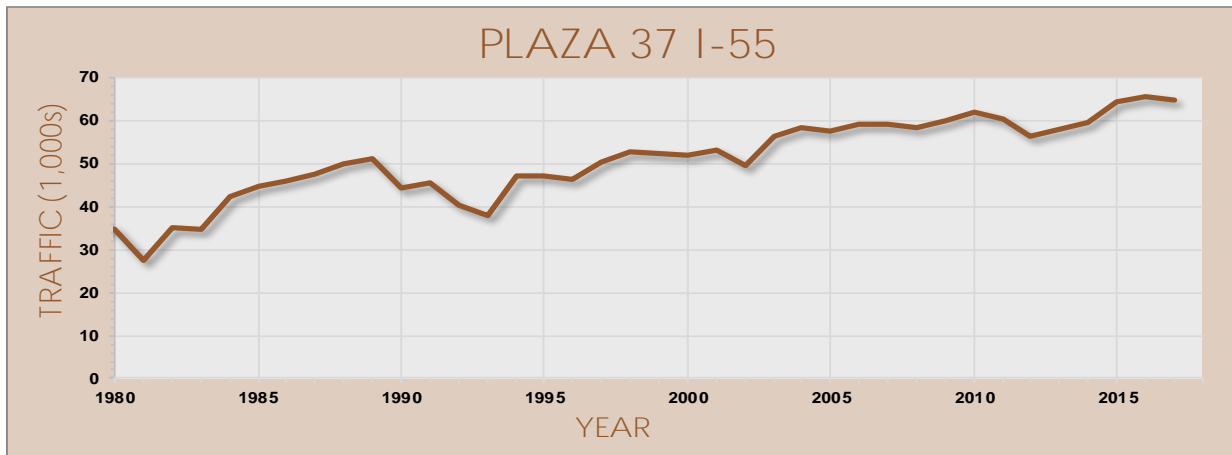




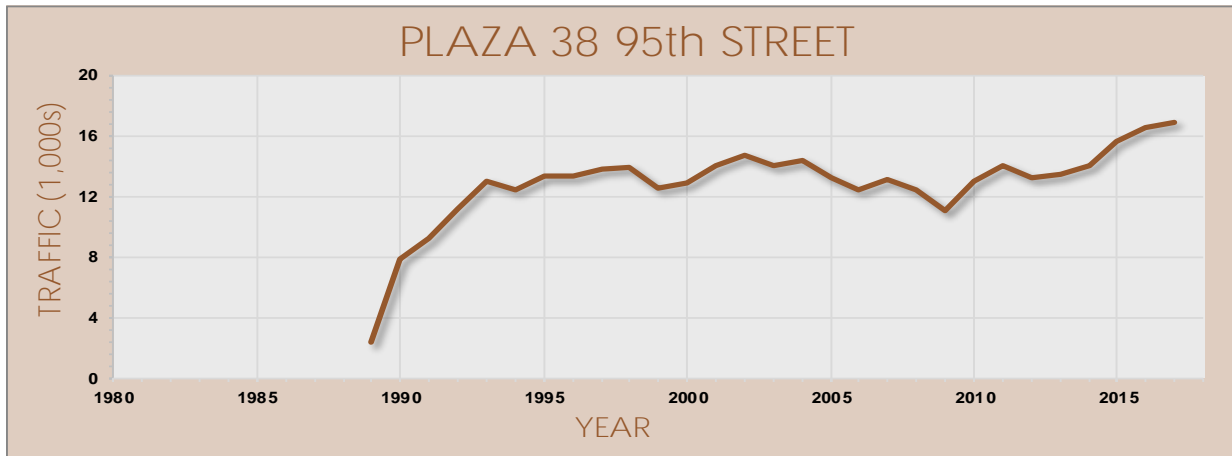
**FIGURE 3-AB**



**FIGURE 3-AC**



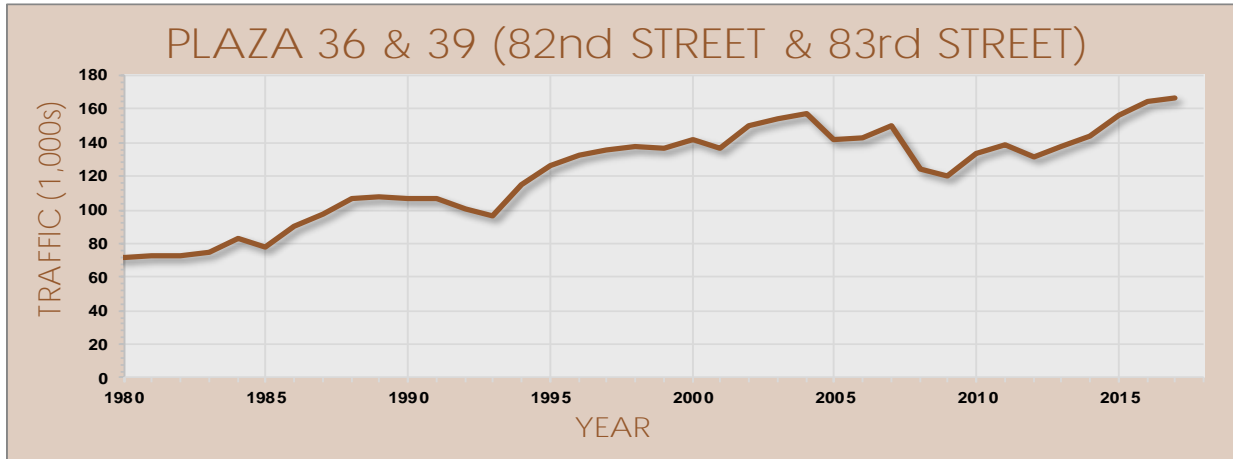
**FIGURE 3-AD**



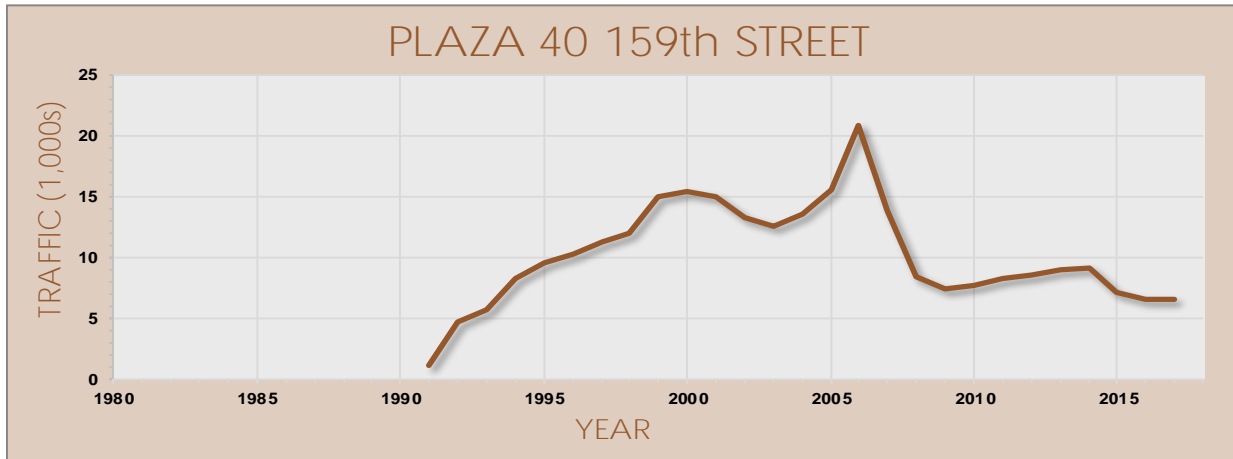
**AVERAGE DAILY TRAFFIC TRENDS**



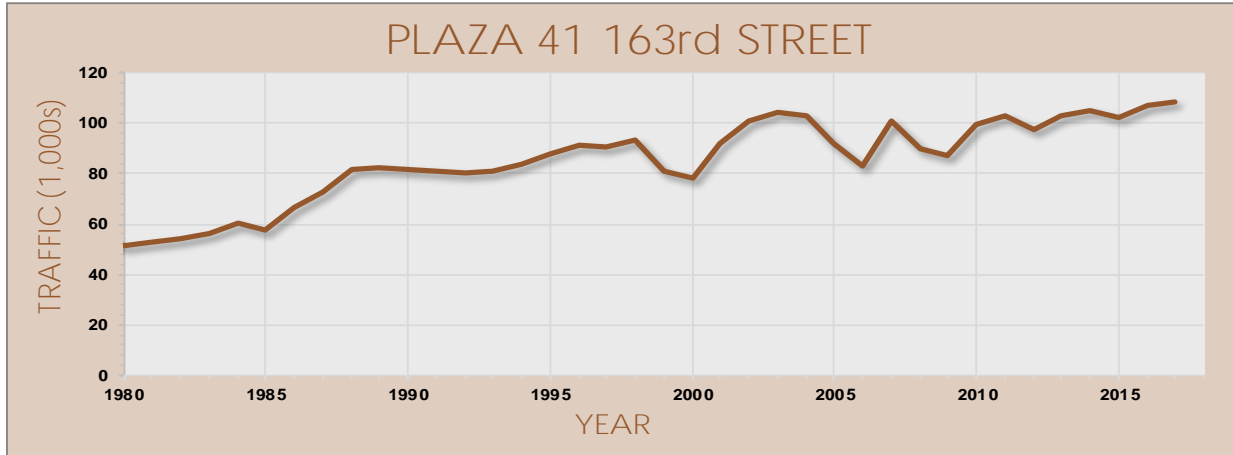
**FIGURE 3-AE**



**FIGURE 3-AF**



**FIGURE 3-AG**

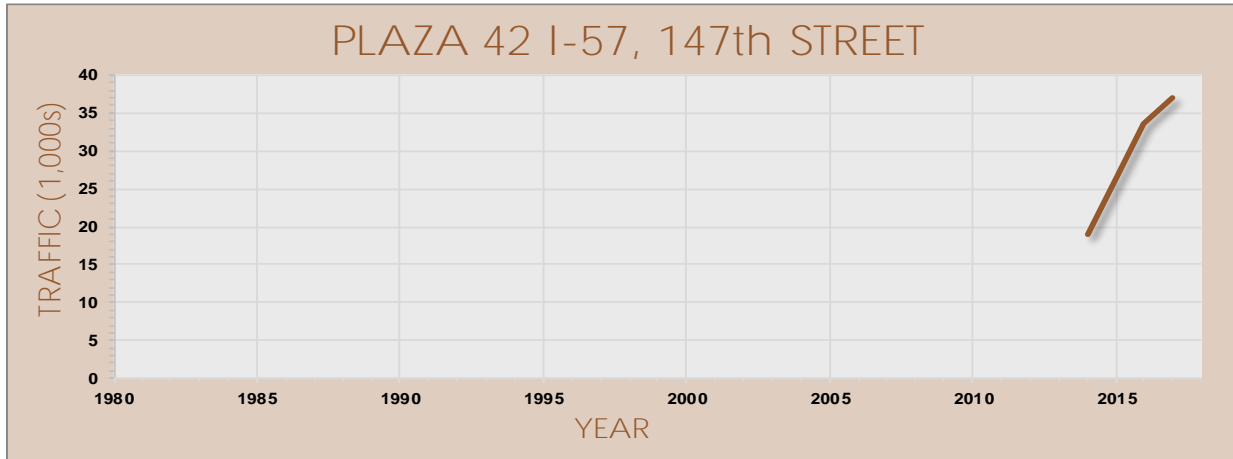


**AVERAGE DAILY TRAFFIC TRENDS**

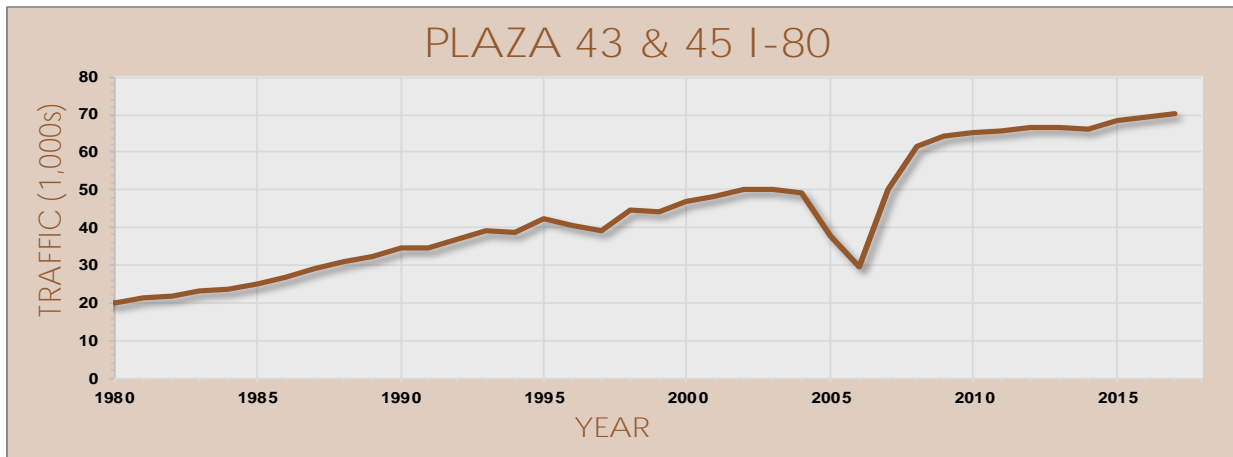


**FIGURE 3-AH**

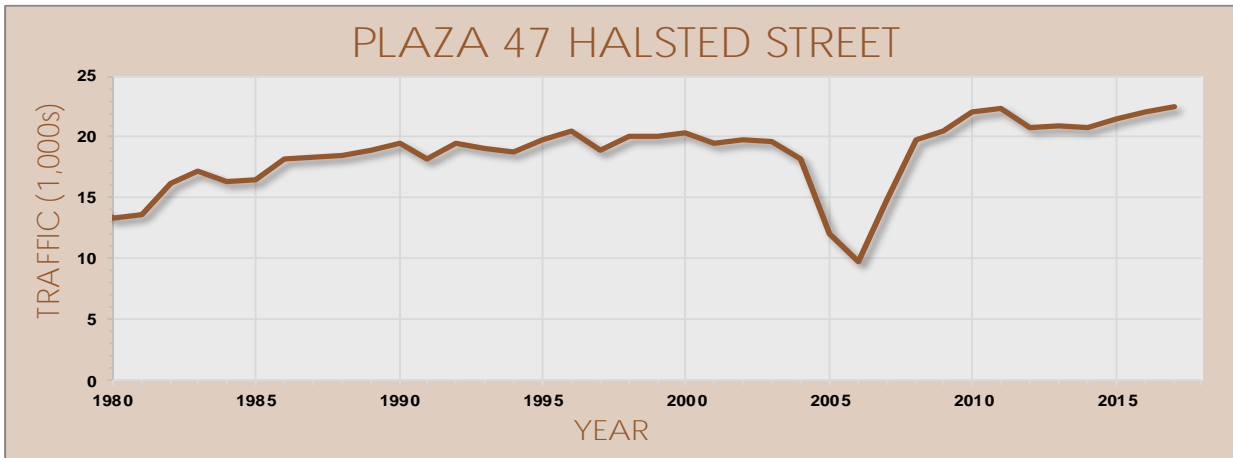
Plaza 42 opened in 2014.



**FIGURE 3-AI**



**FIGURE 3-AJ**

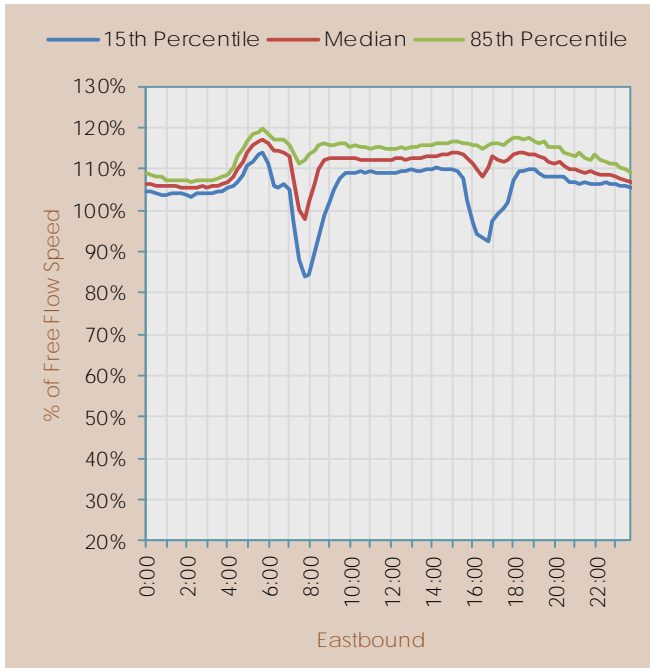


**AVERAGE DAILY TRAFFIC TRENDS**

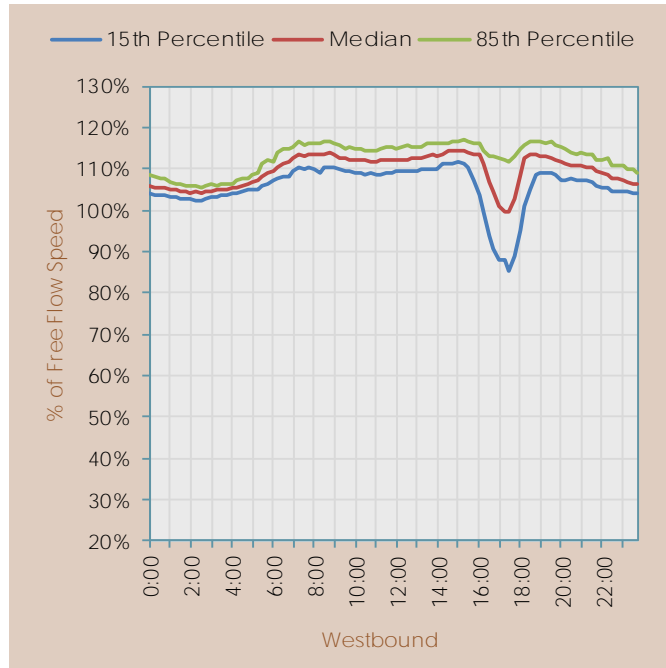


## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, NORTHERN SECTION

**FIGURE 3-AK**

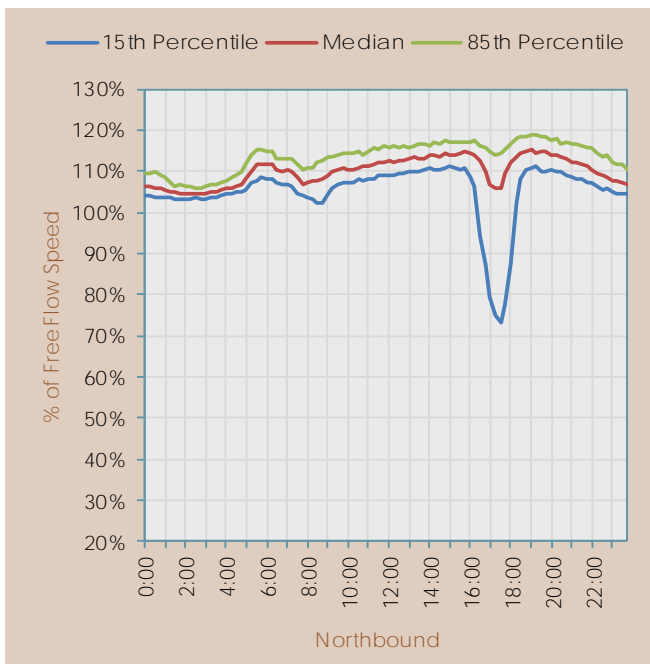


**FIGURE 3-AL**

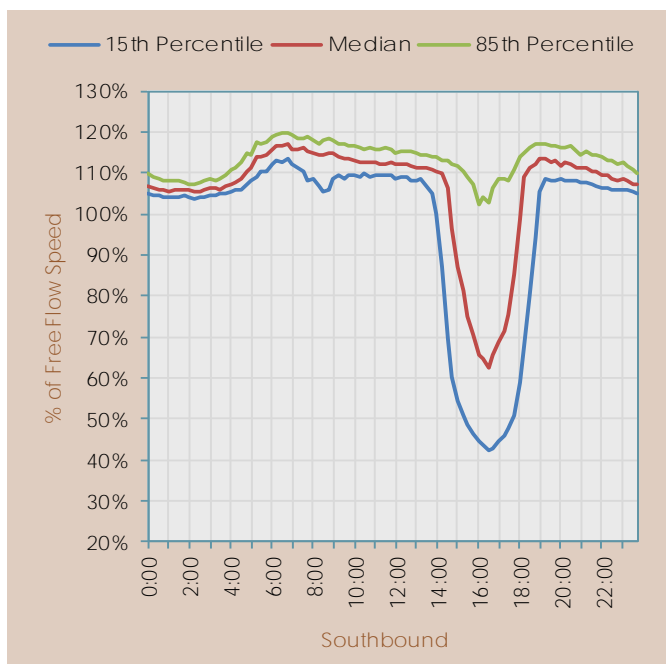


## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, NORTH CENTRAL SECTION

**FIGURE 3-AM**



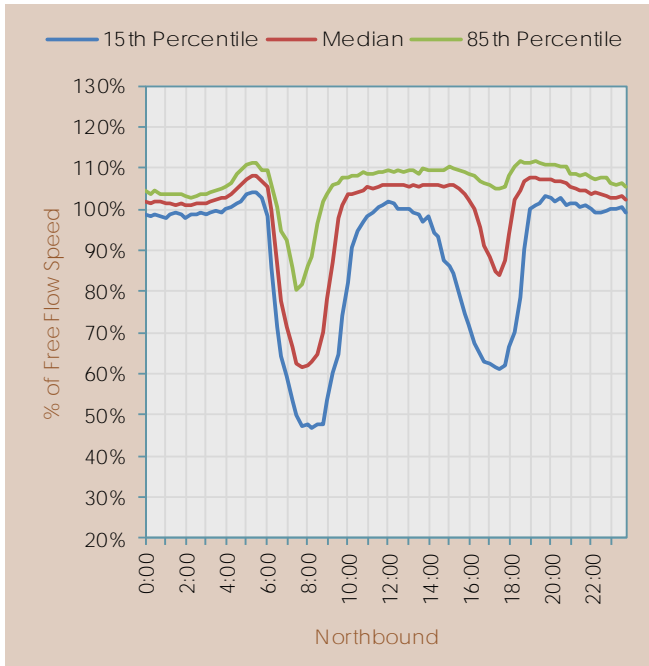
**FIGURE 3-AN**



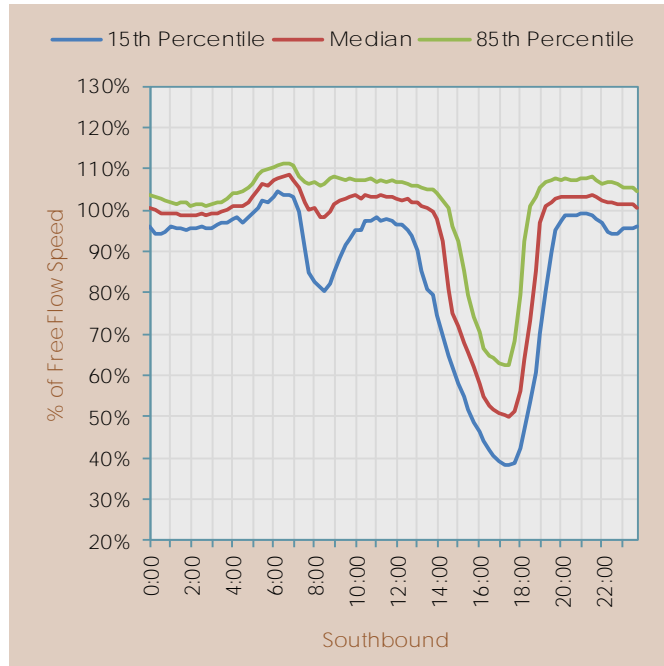


## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, SOUTH CENTRAL SECTION

**FIGURE 3-AO**

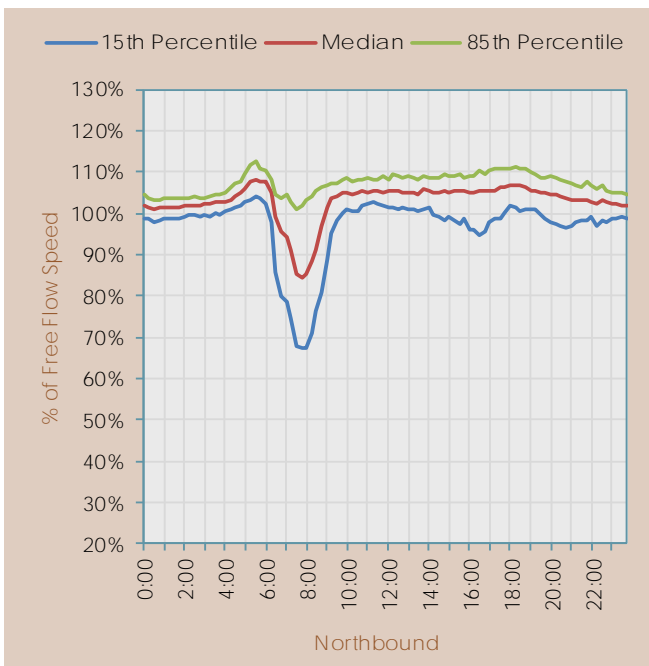


**FIGURE 3-AP**

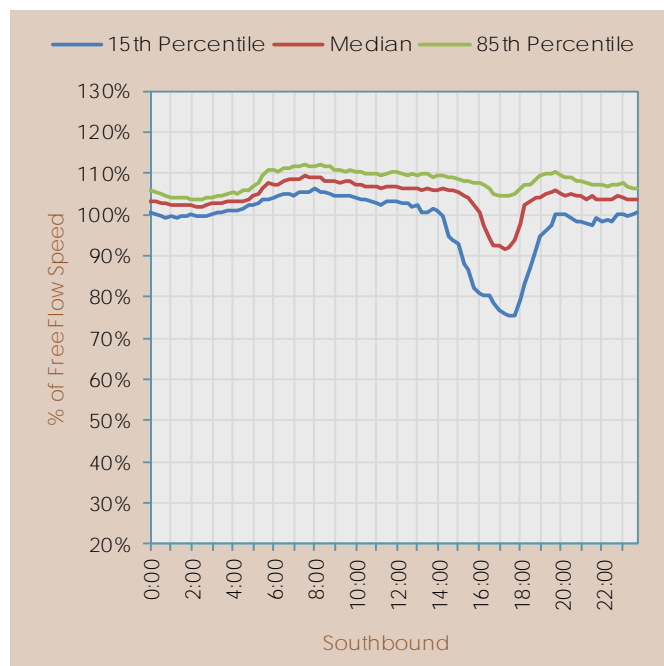


## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, SOUTHERN SECTION

**FIGURE 3-AQ**



**FIGURE 3-AR**





Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	January -March	65	66	0.92	0.91	1.00	1.04	0.4	0.3	233	180	7	7
2	April-June	65	62	0.93	0.97	0.98	1.13	0.5	1.3	331	849	11	17
3	July-September	65	61	0.92	0.98	1.00	0.98	0.6	1.5	378	1,003	10	19
4	October-December	66	64	0.91	0.94	1.19	1.14	0.3	0.8	208	515	9	14
Total	2017 Entire Year	65	63	0.92	0.95	1.04	1.07	0.5	1.0	288	637	9	14

Data source: INRIX. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

FIGURE 3-AS: ROADWAY PERFORMANCE MEASURES—NORTHERN SECTION



Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	January -March	66	58	0.91	1.03	0.95	0.96	0.2	2.2	82	804	7	12
2	April-June	65	42	0.92	1.43	1.28	1.66	0.4	8.5	147	3,245	8	30
3	July-September	67	50	0.90	1.19	0.96	0.98	0.3	4.9	97	1,839	8	21
4	October-December	66	50	0.90	1.21	1.96	1.53	0.2	4.9	67	1,814	7	24
Total	2017 Entire Year	66	50	0.91	1.22	1.29	1.28	0.3	5.1	98	1,925	7	22

Data source: INRIX. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

FIGURE 3-AT: ROADWAY PERFORMANCE MEASURES—NORTH CENTRAL SECTION

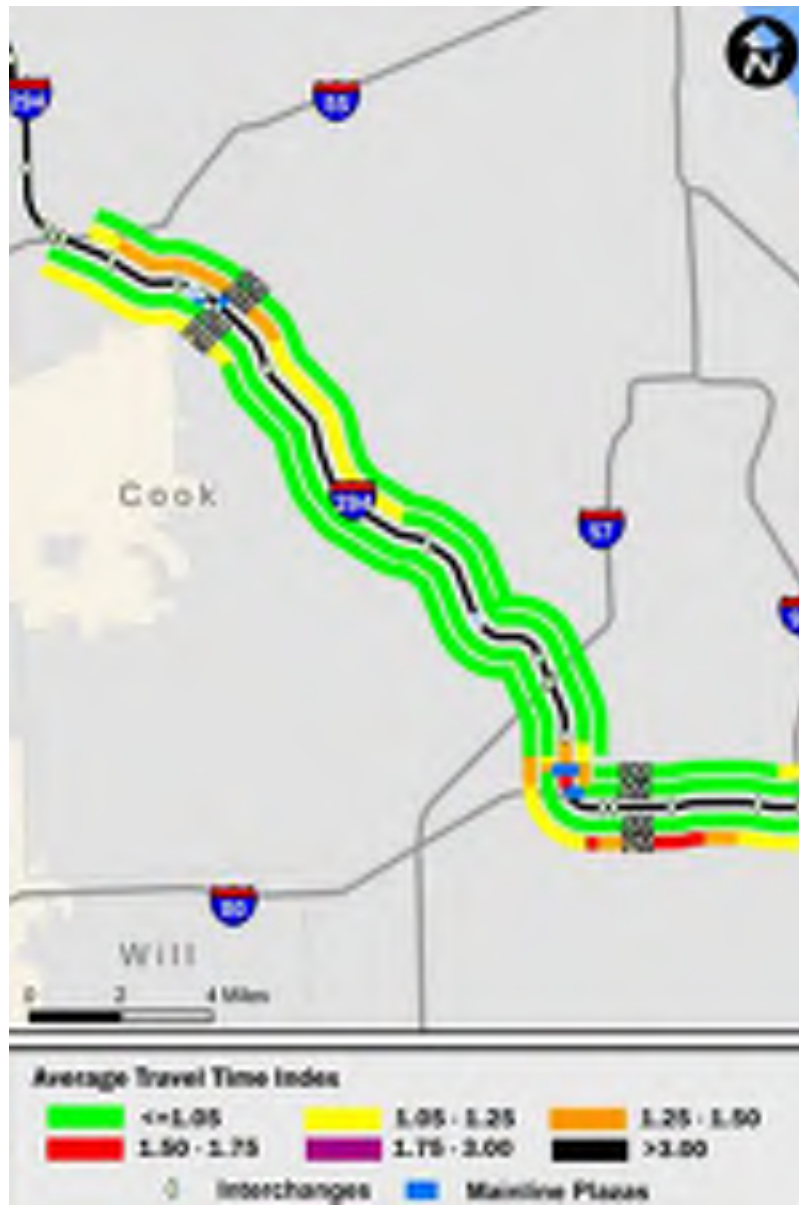


Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	January -March	54	48	1.11	1.26	1.34	1.79	2.5	4.9	1,539	2,967	43	50
2	April-June	46	38	1.29	1.57	1.51	2.12	5.4	9.9	3,471	6,088	57	69
3	July-September	47	38	1.28	1.57	1.50	1.57	5.3	9.9	3,328	5,927	53	70
4	October-December	50	42	1.19	1.42	2.05	1.93	3.8	7.5	2,331	4,437	48	65
Total	2017 Entire Year	49	42	1.22	1.46	1.60	1.86	4.2	8.1	2,667	4,855	50	63

Data source: INRIX. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

FIGURE 3-AU: ROADWAY PERFORMANCE MEASURES—SOUTH CENTRAL SECTION





Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	January -March	60	62	1.01	0.97	1.11	1.24	1.3	0.6	772	375	18	13
2	April-June	56	57	1.06	1.05	1.09	1.16	2.0	1.8	1,261	1,243	27	27
3	July-September	56	59	1.07	1.02	1.20	1.21	2.3	1.5	1,408	1,028	26	21
4	October-December	57	59	1.05	1.01	1.29	1.17	1.8	1.2	1,108	815	23	22
Total	2017 Entire Year	57	59	1.05	1.01	1.17	1.19	1.9	1.3	1,137	865	23	21

Data source: INRIX. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

FIGURE 3-AV: ROADWAY PERFORMANCE MEASURES, SOUTHERN SECTION

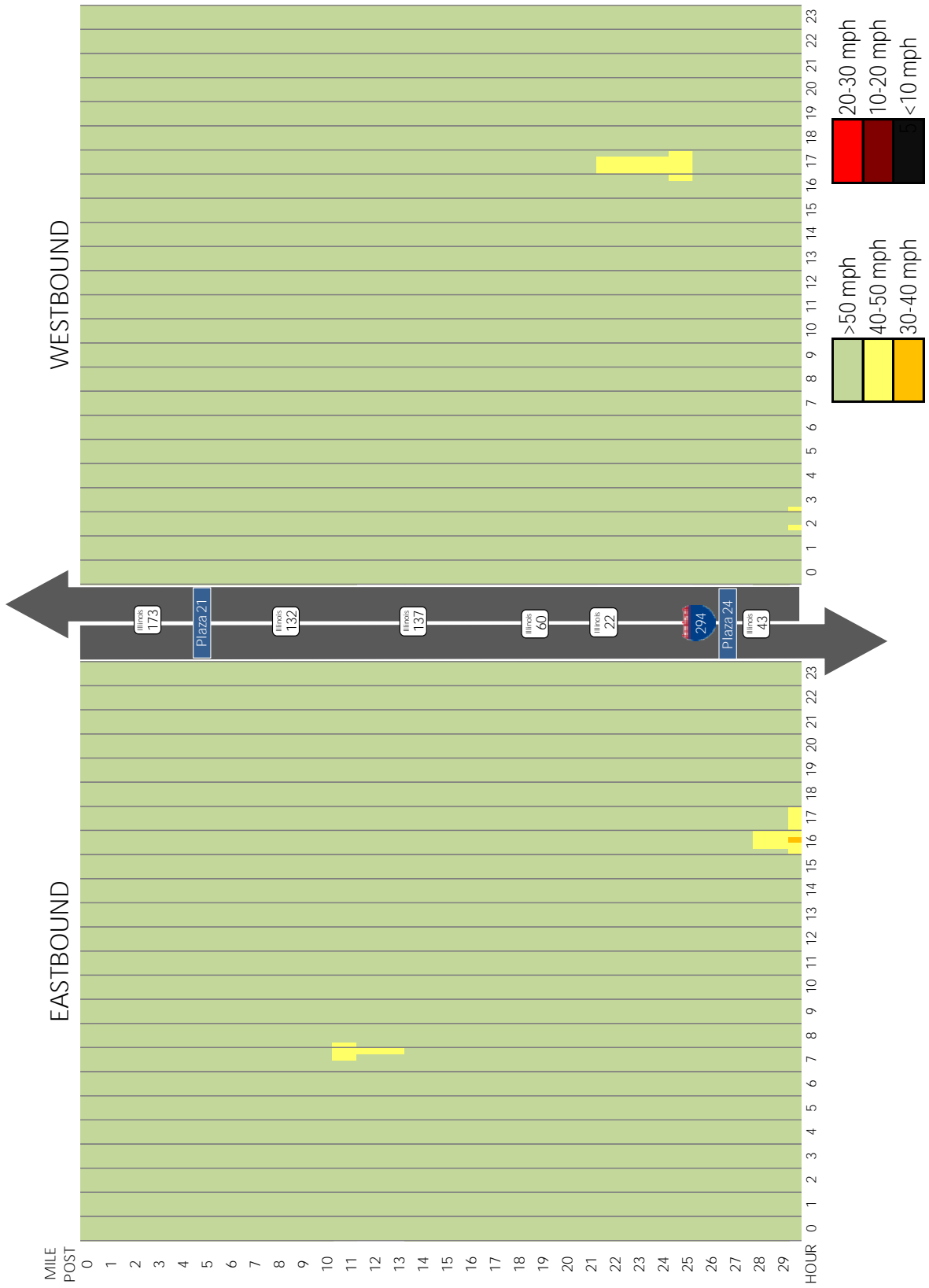


FIGURE 3-AW: AVERAGE SPEED CONTOURS I-94 MP 0.0 to 29.5

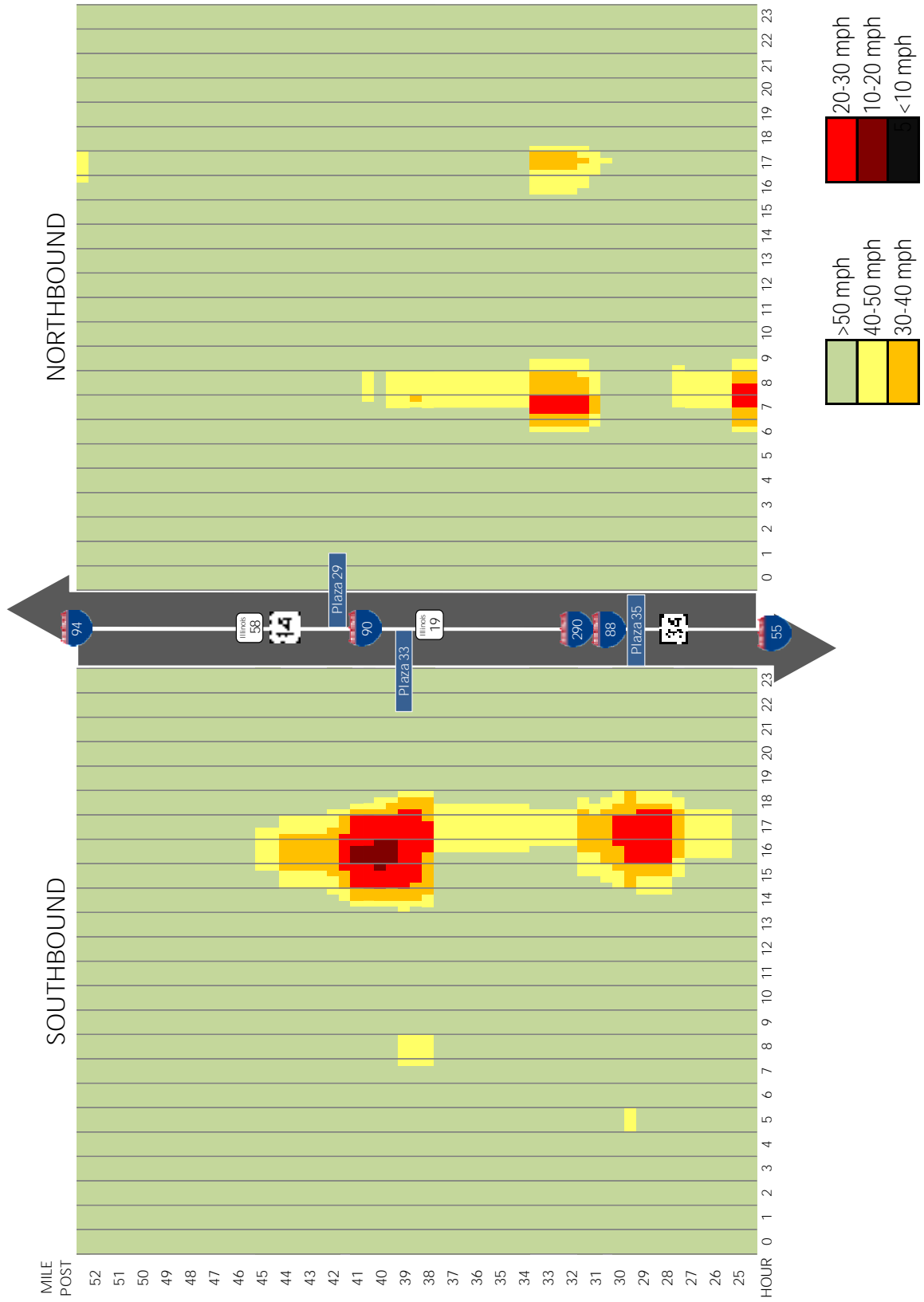


FIGURE 3-AX: AVERAGE SPEED CONTOURS, I-294 MP 24.5 TO 52.5

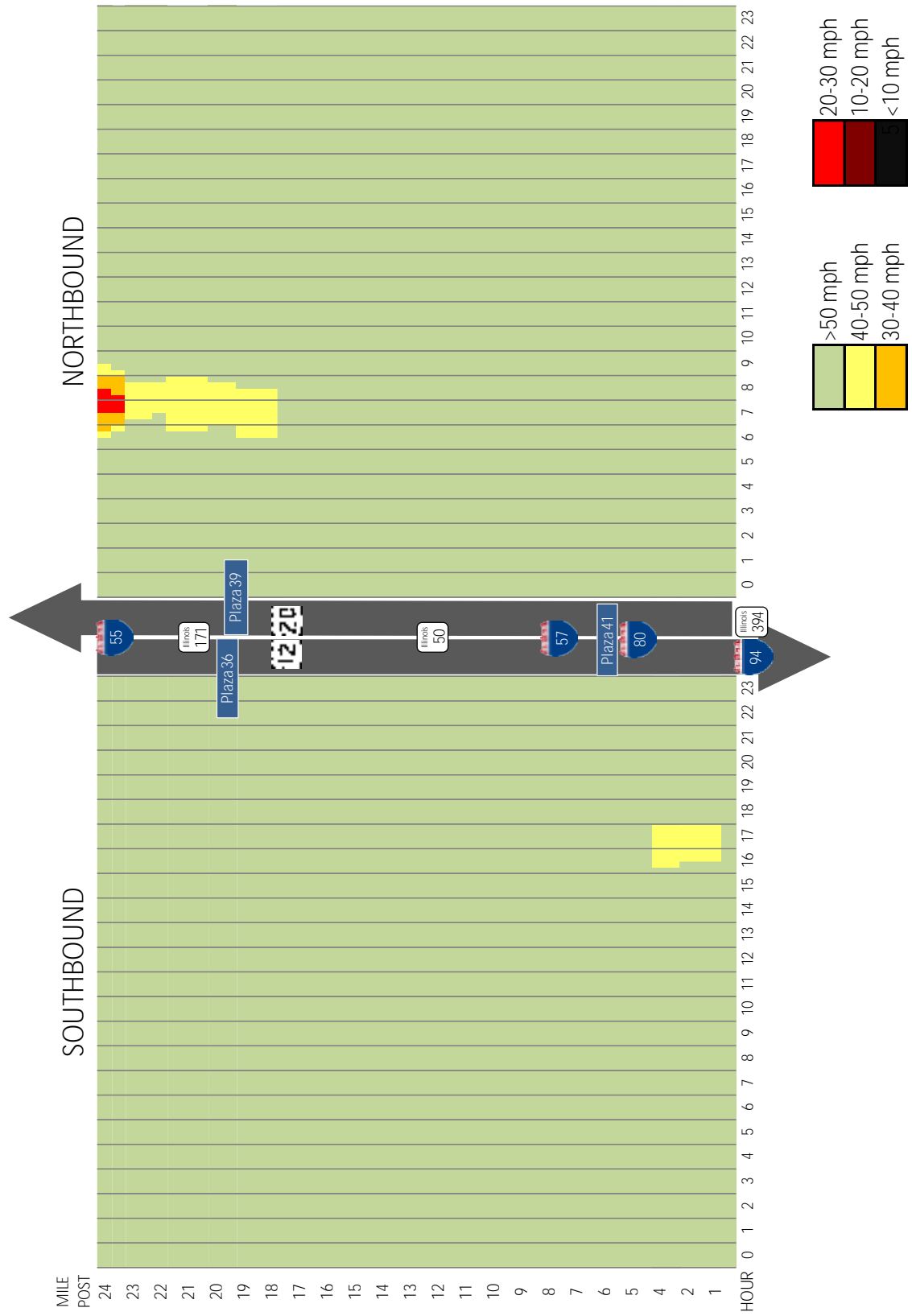


FIGURE 3-AY: AVERAGE SPEED CONTOURS, I-294 MP 0.5 TO 24.0



## Section 4

# Reagan Memorial Tollway





## SECTION 4 Reagan Memorial Tollway

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## SECTION 4 Reagan Memorial Tollway

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**TABLE 4-A: AVERAGE DAILY TRAFFIC VOLUMES BETWEEN INTERCHANGES 1980-2017 (WESTBOUND)**

Location	Mile Post	Miles Btwn. Int.	ADT 1980	Average Annual Percent Change	ADT 1990	Average Annual Percent Change	ADT 2000	Average Annual Percent Change	ADT 2010	Average Annual Percent Change	ADT 2017
Eisenhower Expressway (I-290)	140.4										
		0.4	18,400	7.3	37,260	3.1	50,620	-0.7	47,270	3.2	59,020
Reagan Memorial Tollway (I-88)	140.0										
		1.1	24,050	5.4	40,610	3.6	57,780	2.0	70,480	-0.6	67,690
Harper (York) Road	138.9										
		0.2	24,690	5.5	42,130	3.6	60,170	1.8	71,920	-0.6	69,030
Tollway South Leg	138.7										
Toll Plaza 51	138.1										
Spring Road (PL53)	137.8										
		0.7	31,670	5.9	55,970	3.1	76,280	0.3	78,570	2.7	94,910
Kingery Highway (Illinois Route 83)	137.1										
		0.7	30,050	5.7	52,230	3.2	71,470	0.4	74,580	2.8	90,530
Midwest Road (PL55)	136.4										
Toll Plaza 52	135.1										
Highland Avenue (PL56)	134.3										
		1.1	21,780	8.2	47,890	3.7	69,030	0.5	72,210	2.7	87,220
Veterans Memorial Tollway (E. Int)	133.2										
		1.9	21,780	7.8	46,120	3.3	64,090	-0.2	62,720	2.1	72,560
Veterans Memorial Tollway (W. Int)	131.3										
		1.3	21,780	9.4	53,340	3.7	76,590	0.6	81,220	1.7	91,460
Illinois Route 53	130.0										
		2.4	15,840	11.0	44,890	4.2	68,020	0.8	73,810	1.7	83,320
Naperville Road (PL57)	127.6										
		2.4	13,130	10.1	34,280	5.7	59,400	1.4	68,510	1.5	76,030
Winfield Road (PL58)	125.2										
		1.9	13,130	10.1	34,280	3.8	49,840	2.4	63,030	1.8	71,580
Illinois Route 59	123.3										
		1.9	8,260	10.4	22,160	4.1	33,140	4.3	50,400	1.7	56,660
Foja Road (PL60)	121.4										
		2.2	8,260	10.4	22,160	4.1	33,140	3.9	48,470	1.4	53,380
Farnsworth Avenue (PL59)	119.2										
Toll Plaza 61	117.8										
Illinois Route 31 (PL63)	117.0										
		2.6	5,340	9.6	13,320	3.6	18,990	5.3	31,690	1.7	35,750
Orchard Road (PL64)	114.4										
		1.1	5,340	7.9	11,420	2.8	15,110	3.9	22,100	1.7	24,790
Illinois Route 56	113.3										
		4.0	3,170	7.7	6,680	3.8	9,710	3.5	13,740	1.7	15,510
Illinois Route 47	109.3										
		15.3	3,640	7.4	7,440	4.0	11,020	3.4	15,350	1.4	16,930
Peace Road (PL65)	94.0										
		0.7	2,550	7.4	5,230	5.2	8,680	3.7	12,440	0.4	12,820
DeKalb Oasis	93.3										
		1.9	2,550	7.4	5,230	5.2	8,680	3.7	12,440	0.4	12,820
Annie Glidden Road (PL67)	91.4										
Toll Plaza 66	86.2										
Interstate 39	78.5										
		2.4	2,010	8.4	4,500	4.8	7,200	1.8	8,610	0.8	9,110
U.S. Route 51 (Illinois Route 251)	76.1										
Toll Plaza 69	56.4										
Illinois Route 26 (Dixon)	53.9										
		9.7	2,510	4.3	3,820	4.5	5,920	2.0	7,220	0.5	7,490
U.S. Route 30 West Terminus	44.2										
Reagan Connector		1.4	7,100	6.4	13,220	1.4	15,250	2.4	19,260	3.0	23,730



**TABLE 4-B: AVERAGE DAILY TRAFFIC VOLUMES BETWEEN INTERCHANGES 1980-2017 (EASTBOUND)**

Location	Mile Post	Miles Btwn. Int.	ADT 1980	Average Annual Percent Change	ADT 1990	Average Annual Percent Change	ADT 2000	Average Annual Percent Change	ADT 2010	Average Annual Percent Change	ADT 2017
Eisenhower Expressway (I-290)	140.4										
		0.4	15,290	6.7	29,300	4.3	44,490	0.7	47,580	3.4	60,270
Reagan Memorial Tollway (I-88)	140.0										
		1.1	21,750	5.0	35,360	4.2	53,170	0.3	54,630	3.5	69,270
Harger (York) Road	138.9										
		0.2	21,750	5.0	35,360	4.2	53,170	0.3	54,630	3.5	69,270
Reagan Connector	138.7										
Toll Plaza 51	138.1	0.9	30,390	5.6	52,500	3.1	71,030	0.8	76,930	2.9	94,190
Spring Road	137.8										
		0.7	30,390	5.6	52,500	3.1	71,030	0.8	76,930	1.6	85,690
Illinois Route 83 (PI 54)	137.1										
		0.7	27,930	5.5	47,610	3.0	64,000	0.8	69,510	2.3	81,290
Midwest Road (PI 55)	136.4										
Toll Plaza 52	135.1	2.1	28,740	5.7	50,050	3.4	70,000	0.6	73,950	1.6	82,360
Highland Avenue (PI 56)	134.3										
		1.1	22,500	7.5	46,280	4.0	68,610	0.8	74,300	0.3	75,820
Veterans Memorial Tollway (E. Int)	133.2										
		1.9	22,500	8.6	51,280	4.4	78,680	0.2	80,450	-1.7	71,190
Veterans Memorial Tollway (W. Int)	131.3										
		1.3	22,500	8.9	52,980	3.9	77,900	0.4	81,280	0.7	85,620
Illinois Route 53	130.0										
		2.4	16,500	10.5	44,710	4.4	68,790	0.9	74,980	1.9	85,620
Naperville Road	127.6										
		2.4	13,620	9.8	34,550	5.5	59,040	1.7	70,040	-0.1	69,460
Winfield Road (PI 58)	125.2										
		1.9	13,620	9.8	34,550	3.9	50,840	2.5	64,810	0.1	65,460
Illinois Route 59	123.3										
		1.9	8,740	10.0	22,610	4.1	33,790	4.3	51,490	0.7	54,190
Fola Road (PI 60)	121.4										
		2.2	8,740	10.0	22,610	4.1	33,790	3.7	48,630	1.0	51,960
Farnsworth Avenue (PI 59)	119.2										
Toll Plaza 61	117.8	2.2	7,170	9.1	17,180	4.0	25,370	4.4	38,890	1.8	44,000
Illinois Route 31 (PI 63)	117.0										
		2.6	5,500	9.4	13,560	3.5	19,170	5.2	31,930	1.9	36,340
Orchard Road (PI 64)	114.4										
		1.1	5,500	7.7	11,510	3.5	16,160	3.1	21,860	1.8	24,800
Illinois Route 56	113.3										
		4.0	3,110	8.0	6,690	3.8	9,720	3.4	13,580	1.9	15,500
Illinois Route 47	109.3										
		15.3	3,570	7.6	7,400	4.0	10,990	3.2	15,090	1.6	16,820
Peace Road (PI 65)	94.0										
		0.7	2,620	7.4	5,370	5.1	8,800	3.4	12,270	0.7	12,880
DeKalb Oasis	93.3										
		1.9	2,620	7.4	5,370	5.1	8,800	3.4	12,270	0.7	12,880
Annie Glidden Road (PI 67)	91.4										
Toll Plaza 66	86.2	12.9	2,050	8.0	4,440	5.4	7,530	2.2	9,320	1.8	10,570
Interstate 39	78.5										
		2.4	2,050	8.4	4,580	4.6	7,190	1.8	8,560	0.5	8,850
Illinois Route 251	76.1										
Toll Plaza 69	56.4	22.2	2,340	5.8	4,120	4.8	6,610	0.9	7,200	0.6	7,530
Illinois Route 26	53.9										
		9.7	2,460	4.4	3,780	4.7	6,010	1.6	7,030	0.7	7,360
U.S. Route 30 West Terminus	44.2										
Reagan Connector		1.4	7,050	6.5	13,180	-0.5	12,500	4.4	19,260	2.2	22,400



**TABLE 4-C: GENERAL STATISTICS FOR MAINLINE PLAZAS  
(Vehicles/Hour)**

Mainline Plaza	Dir.	30th HV	Period	Mean	Med.	Max.	Min.	Std. Dev.	85th %
51 York Road	WB	7,813	AM Peak	6,297	5,552	8,073	3,475	1,219	7,669
			PM Peak	7,049	7,098	7,918	4,955	457	7,458
			OFF Peak	3,578	3,885	7,954	264	2,205	5,944
			Weekend	3,610	3,723	7,787	385	2,029	5,692
			Holidays	3,214	3,276	7,496	225	1,973	5,276
52 Meyers Road	EB	8,162	AM Peak	7,381	7,476	8,525	4,014	692	7,984
			PM Peak	6,493	6,525	7,518	4,905	501	7,002
			OFF Peak	3,415	3,849	8,052	235	2,203	5,711
			Weekend	3,460	3,605	8,097	287	2,097	5,666
			Holidays	3,116	3,159	7,407	224	1,975	5,386
61 Aurora	EB	4,967	AM Peak	4,614	4,689	5,062	2,814	397	4,903
			PM Peak	2,693	2,686	3,272	2,117	217	2,927
			OFF Peak	1,587	1,637	4,032	135	1,057	2,696
			Weekend	1,719	1,733	4,853	117	1,111	2,852
			Holidays	1,634	1,670	4,508	127	1,091	2,823
	WB	5,168	AM Peak	1,977	1,841	2,570	1,080	369	2,402
			PM Peak	4,840	4,906	5,374	2,880	348	5,077
			OFF Peak	1,590	1,733	4,515	120	1,085	2,551
			Weekend	1,667	1,690	5,262	138	1,091	2,610
			Holidays	1,554	1,523	5,085	93	1,103	2,461
66 DeKalb	EB	1,360	AM Peak	481	487	577	262	48	526
			PM Peak	712	699	1,081	471	115	835
			OFF Peak	373	385	1,110	35	226	612
			Weekend	474	446	1,576	21	333	846
			Holidays	526	468	1,575	11	404	948
	WB	1,256	AM Peak	555	555	817	320	84	643
			PM Peak	641	638	898	432	96	745
			OFF Peak	378	334	1,140	33	236	651
			Weekend	478	469	1,577	14	323	838
			Holidays	504	451	1,630	15	383	978

(cont'd)



**TABLE 4-C: GENERAL STATISTICS FOR MAINLINE PLAZAS  
(Vehicles/Hour)**

Mainline Plaza	Dir.	30th HV	Period	Mean	Med.	Max.	Min.	Std. Dev.	85th %
69 Dixon	EB	986	AM Peak	280	278	380	153	39	323
			PM Peak	461	452	777	265	86	552
			OFF Peak	264	245	908	33	158	438
			Weekend	351	314	1,308	12	247	636
			Holidays	378	334	1,249	20	284	684
	WB	942	AM Peak	336	334	610	176	62	399
			PM Peak	442	438	639	300	67	514
			OFF Peak	276	261	983	29	163	455
			Weekend	357	341	1,478	20	240	629
			Holidays	378	335	1,147	22	282	717

AM Peak = Weekday 6:00 AM To 8:00 AM Except Fridays  
 PM Peak = Weekday 4:00 PM To 6:00 PM Except Fridays  
 OFF Peak = Weekdays Except Fridays and AM and PM Peak Periods  
 Weekend = Fridays, Saturdays, and Sundays  
 Holidays = See Page 1-6 for a list of Holidays.



**TABLE 4-D: INDEXED MONTHLY VARIATION BY MAINLINE PLAZA**

Month	York Road	Meyers Road	Aurora	DeKalb	Dixon
January	0.89	0.88	0.85	0.78	0.77
February	0.97	0.96	0.95	0.85	0.83
March	0.99	0.98	0.98	0.93	0.95
April	1.00	0.99	1.00	0.97	0.95
May	1.03	1.05	1.05	1.06	1.03
June	1.05	1.07	1.07	1.14	1.09
July	1.02	1.01	1.03	1.14	1.13
August	1.06	1.06	1.06	1.13	1.14
September	1.03	1.03	1.04	1.06	1.07
October	1.02	1.01	1.03	1.02	1.04
November	1.00	0.99	1.00	0.99	1.04
December	0.95	0.95	0.95	0.91	0.96

**TABLE 4-E: INDEXED DAILY VARIATION BY MAINLINE PLAZA**

Month	Day	York Road	Meyers Road	Aurora	DeKalb	Dixon
August	Monday	1.07	1.06	1.05	1.10	1.11
	Tuesday	1.05	1.06	1.05	1.14	1.16
	Wednesday	1.04	1.04	1.04	1.11	1.13
	Thursday	1.04	1.05	1.04	1.12	1.14
	Friday	1.04	1.04	1.04	1.12	1.12
	Saturday	1.08	1.09	1.07	1.18	1.19
	Sunday	1.09	1.06	1.06	1.20	1.20
December	Monday	0.93	0.95	0.95	0.92	0.94
	Tuesday	0.96	0.97	0.97	1.01	1.09
	Wednesday	0.98	0.98	0.98	0.98	1.04
	Thursday	0.97	0.96	0.97	0.94	1.00
	Friday	0.96	0.95	0.94	0.86	0.92
	Saturday	0.99	0.97	0.96	0.94	1.00
	Sunday	0.91	0.92	0.89	0.74	0.75

Table 4-E includes Monthly Variation


**TABLE 4-F: ANNUAL TOTAL TRANSACTIONS BY TOLL PLAZA**

Plaza	Plaza Code*	2016**	2017	Percentage Change
51 York Road	M1	33,525,373	33,856,163	1.0%
52 Meyers Road	M1	32,420,400	32,837,946	1.3%
53 Spring Road	R1	3,193,910	3,189,916	-0.1%
54 Illinois Route 83	R1	3,047,516	3,102,316	1.8%
55 Midwest Road	R1	1,639,493	1,606,728	-2.0%
56 Highland Avenue	R	5,527,382	5,624,432	1.8%
57 Naperville Road	R	4,077,578	4,106,617	0.7%
58 Winfield Road	R	2,807,698	2,770,841	-1.3%
59 Farnsworth Avenue	R	9,708,375	9,456,121	-2.6%
60 Eola Road	E	4,162,045	4,070,890	-2.2%
61 Aurora	M	31,121,255	31,726,491	1.9%
63 Illinois Route 31	R	1,423,608	1,292,846	-9.2%
64 Orchard Road	R	1,617,784	1,595,095	-1.4%
65 Peace Road	R	3,512,201	3,515,929	0.1%
66 DeKalb Mainline	M	7,909,084	7,746,809	-2.1%
67 Annie Glidden Road	R	1,988,058	1,992,380	0.2%
69 Dixon Mainline	M	5,228,203	5,576,665	6.7%
Reagan Memorial Total		152,909,963	154,068,185	0.8%

\* M=Mainline / R=Ramp / A=Attended Ramp Plaza / E=Electronic Toll Collection Only Ramp  
 1=Toll Collected in One Direction Only

\*\* 2016 was a leap year



**TABLE 4-G: AVERAGE DAILY TRAFFIC DATA**

Year	Average Daily Total			Average Trip
	Vehicles	Vehicle Miles	Transactions	Length (Miles)
1959	8,440	165,204	12,808	19.57
1960	12,276	203,116	16,744	16.55
1961	16,312	257,837	21,563	15.81
1962	17,764	288,501	24,029	16.24
1963	16,569	279,454	23,257	16.87
1964	16,995	264,758	21,574	15.58
1965	17,995	271,692	22,776	15.10
1966	17,947	285,535	25,748	15.91
1967	19,729	311,452	28,672	15.79
1968	22,809	341,062	31,370	14.95
1969	26,158	389,376	36,732	14.89
1970	29,164	429,270	41,225	14.72
1971	31,899	477,703	46,504	14.98
1972	37,858	538,511	52,714	14.22
1973	43,598	599,398	59,488	13.75
1974	41,427	634,698	61,858	15.32
1975	46,937	824,125	74,039	17.56
1976	51,443	907,679	80,957	17.64
1977	52,795	942,618	83,086	17.85
1978	62,128	1,141,523	98,673	18.37
1979	65,025	1,209,224	102,678	18.60
1980	66,901	1,237,492	106,458	18.50
1981	69,977	1,237,492	112,541	17.68
1982	73,089	1,366,570	124,900	18.70
1983	83,292	1,501,330	126,523	18.02
1984	89,716	1,619,407	137,718	18.05
1985	95,566	1,760,944	148,154	18.43
1986	104,972	1,933,134	166,784	18.42
1987	113,033	2,064,188	180,166	18.26
1988	118,956	2,211,706	190,996	18.59
1989	119,346	2,289,542	196,542	19.18
1990	129,849	2,587,888	212,457	19.93
1991	132,723	2,552,325	207,433	19.23
1992	139,437	2,722,109	216,466	19.52
1993	148,050	2,846,936	224,192	19.23
1994	154,551	3,146,111	246,079	20.36
1995	162,260	3,357,807	259,860	20.69
1996	167,010	3,477,775	275,061	20.82
1997	186,370	3,471,458	274,429	18.63
1998	200,930	3,492,638	274,660	17.38
1999	214,190	3,824,597	298,242	17.86
2000	218,150	3,900,147	305,567	17.88
2001	226,930	4,006,550	316,753	17.66
2002	232,780	4,288,781	341,362	18.42
2003	239,380	4,478,762	348,386	18.71
2004	243,640	4,606,017	359,964	18.91
2005	238,580	4,441,784	350,311	18.62
2006	240,500	4,540,450	359,564	18.88
2007	243,310	4,603,873	359,357	18.92
2008	239,410	4,344,648	333,079	18.15
2009	243,680	4,417,393	336,193	18.13
2010	239,680	4,650,235	372,523	19.40
2011	255,540	4,925,591	392,112	19.28
2012	242,590	4,596,370	373,479	18.95
2013	236,900	4,809,676	386,982	20.30
2014	239,890	4,999,058	398,674	20.84
2015	247,280	5,061,140	411,023	20.47
2016	250,550	5,182,530	417,787	20.68
2017	251,860	5,148,124	422,105	20.44





FIGURE 4-B

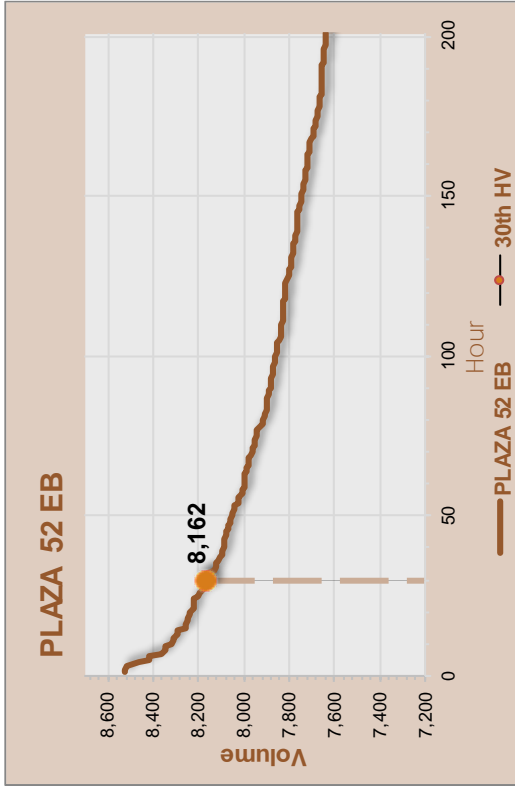


FIGURE 4-D

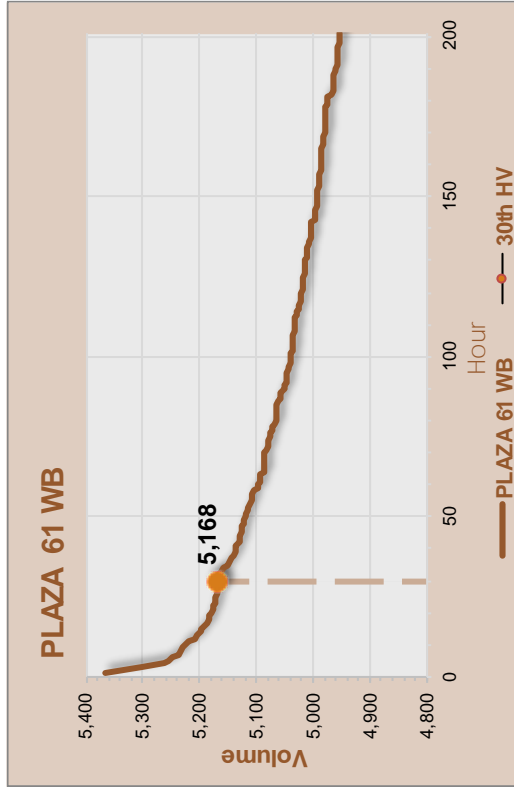


FIGURE 4-A

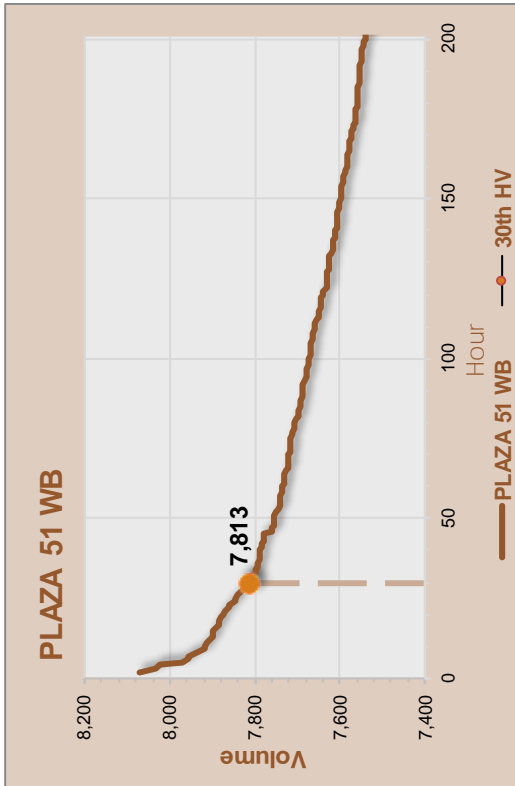
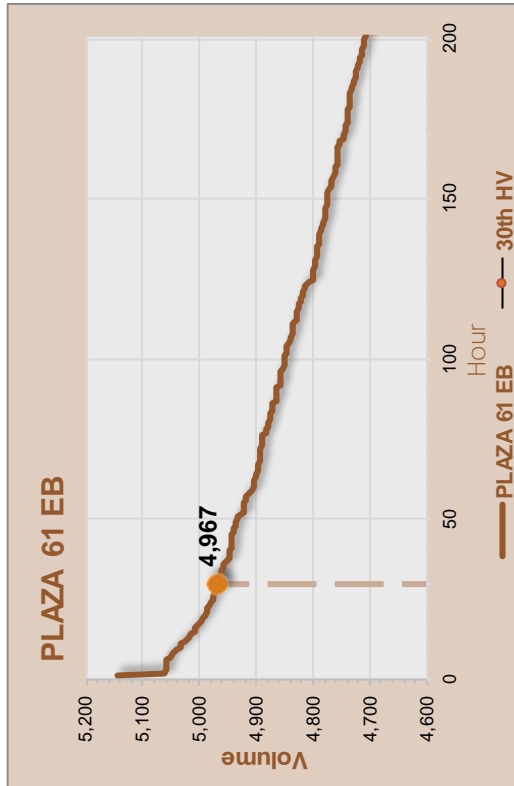


FIGURE 4-C



MAINLINE PLAZA HIGHEST HOURLY VOLUME



FIGURE 4-F

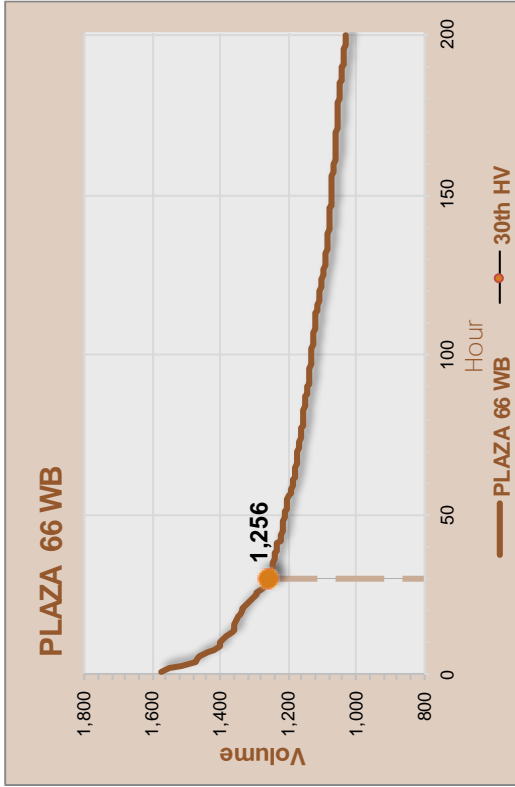


FIGURE 4-H

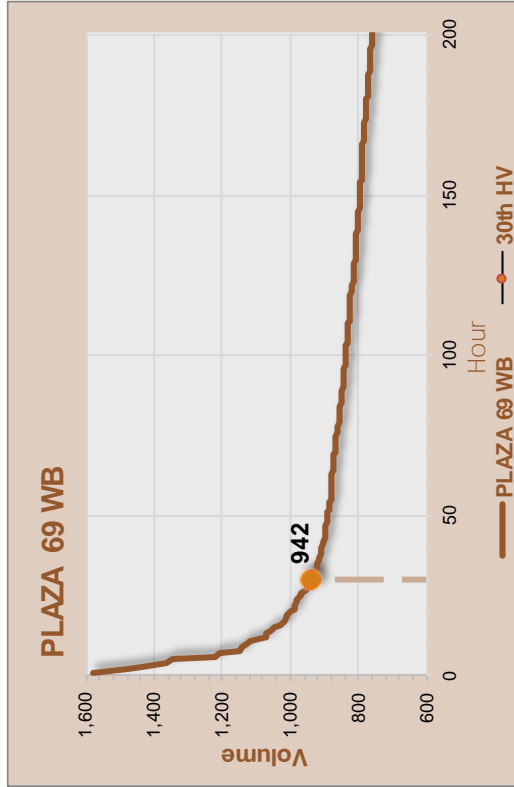


FIGURE 4-E

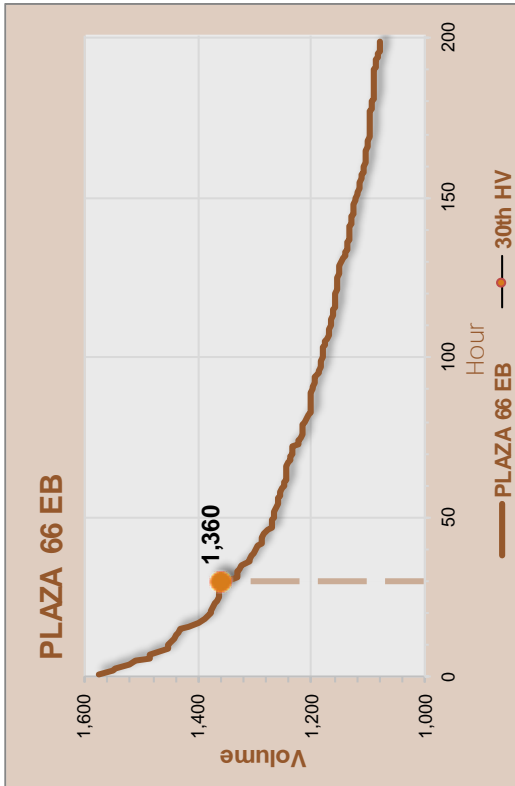
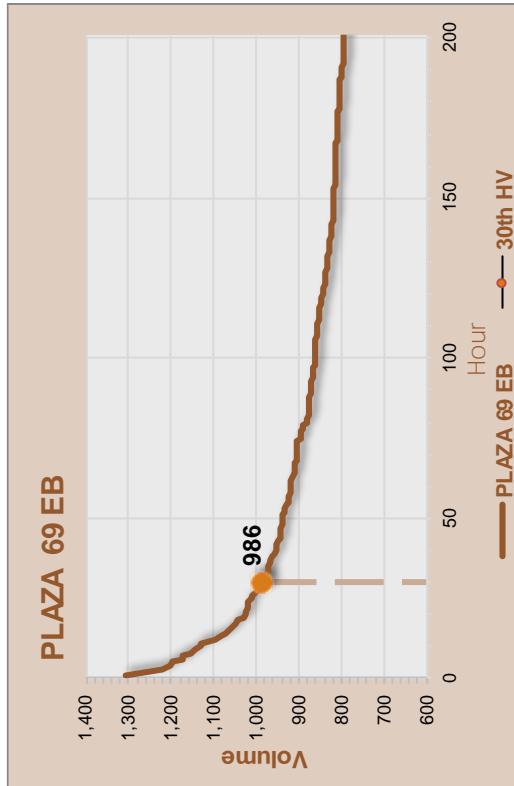


FIGURE 4-G

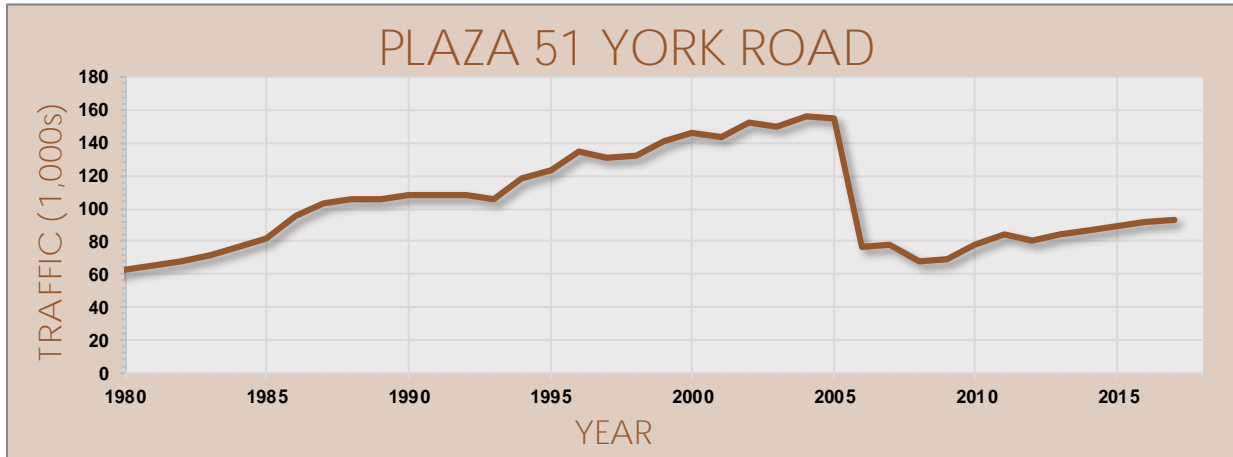


MAINLINE PLAZA HIGHEST HOURLY VOLUME



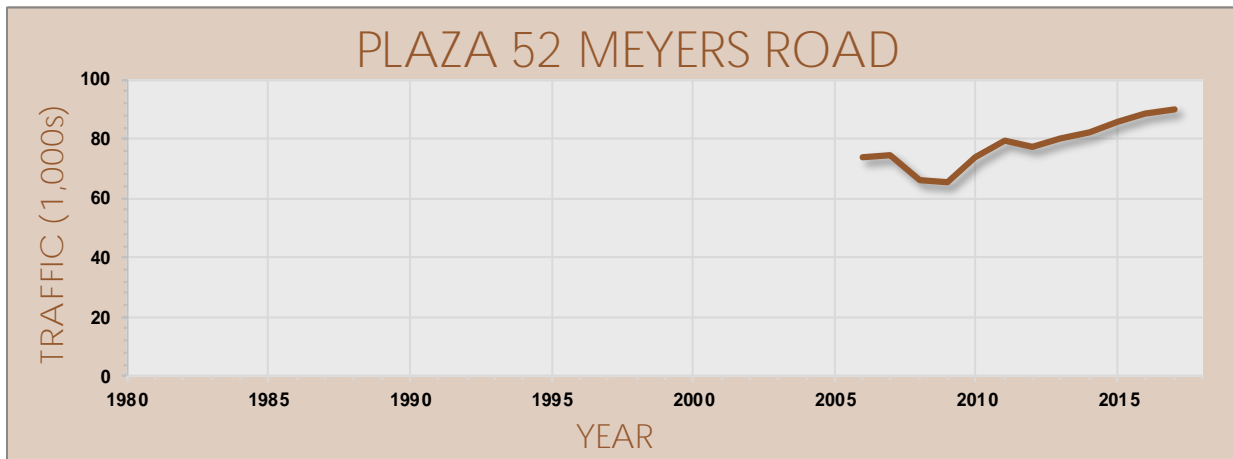
**FIGURE 4-I**

The eastbound side of Plaza 51 closed in 2006 and was replaced by Plaza 52.

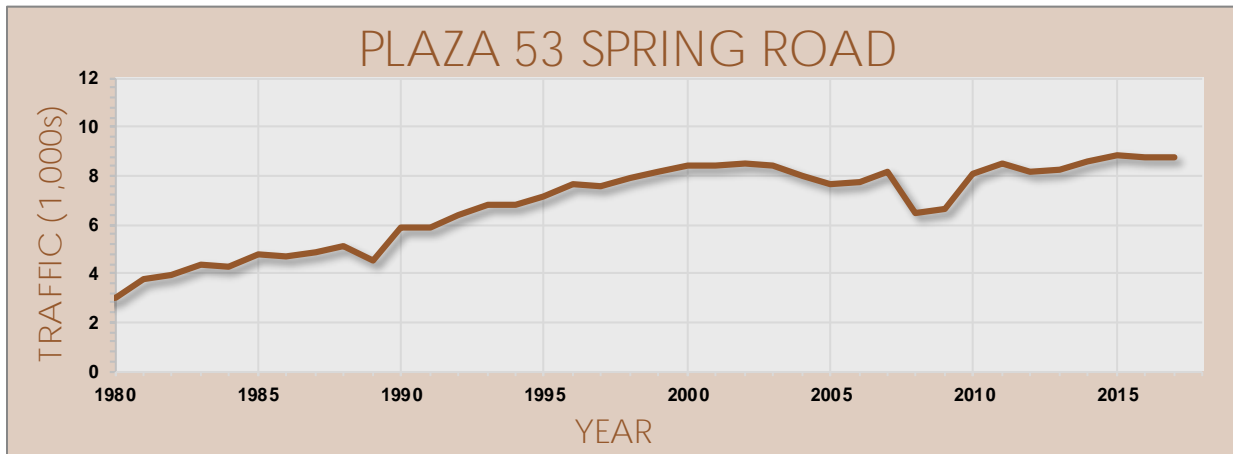


**FIGURE 4-J**

Plaza 52 opened in 2006 to replace eastbound Plaza 51.



**FIGURE 4-K**

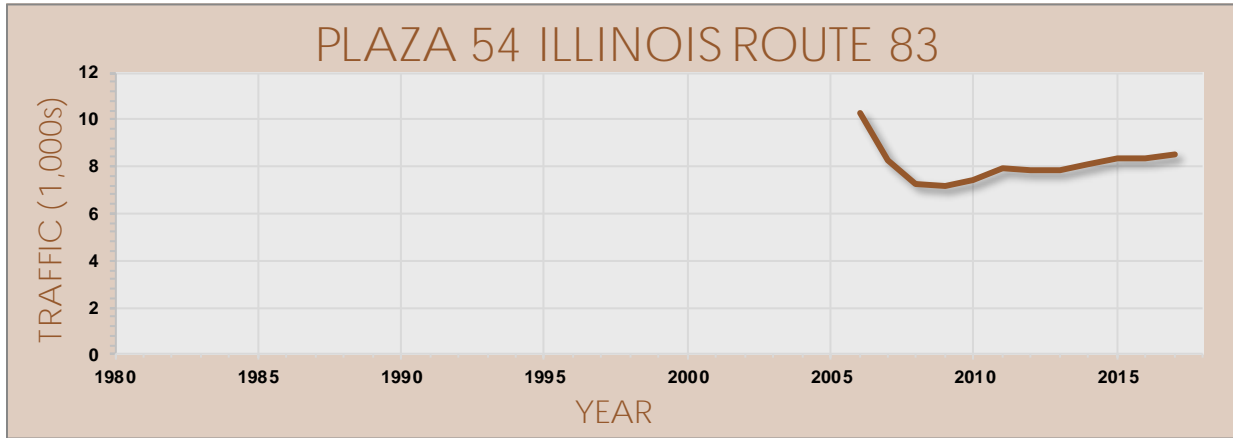


**AVERAGE DAILY TRAFFIC TRENDS**



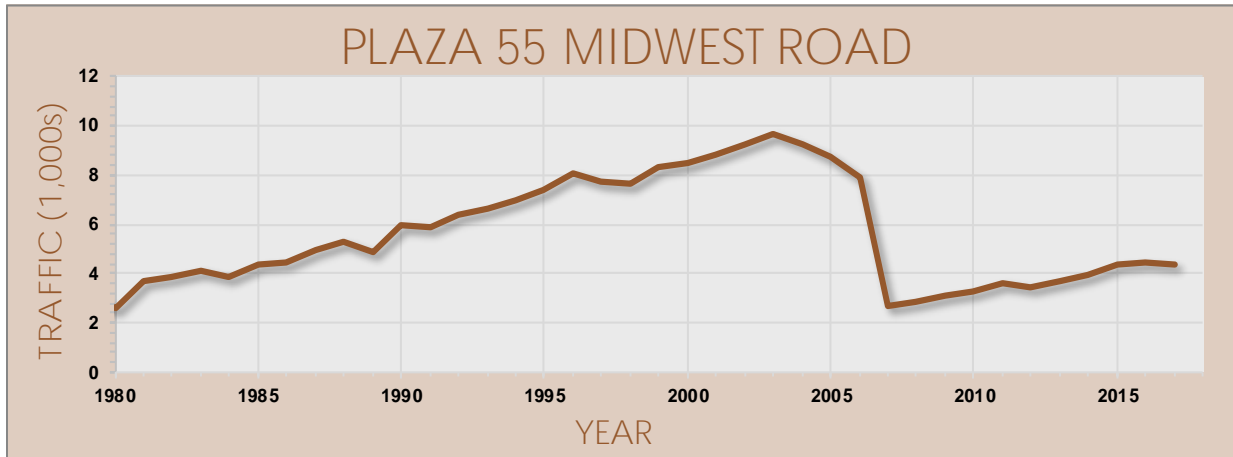
**FIGURE 4-L**

Plaza 54 opened in 2006 due to Plaza 51 reconfiguration.

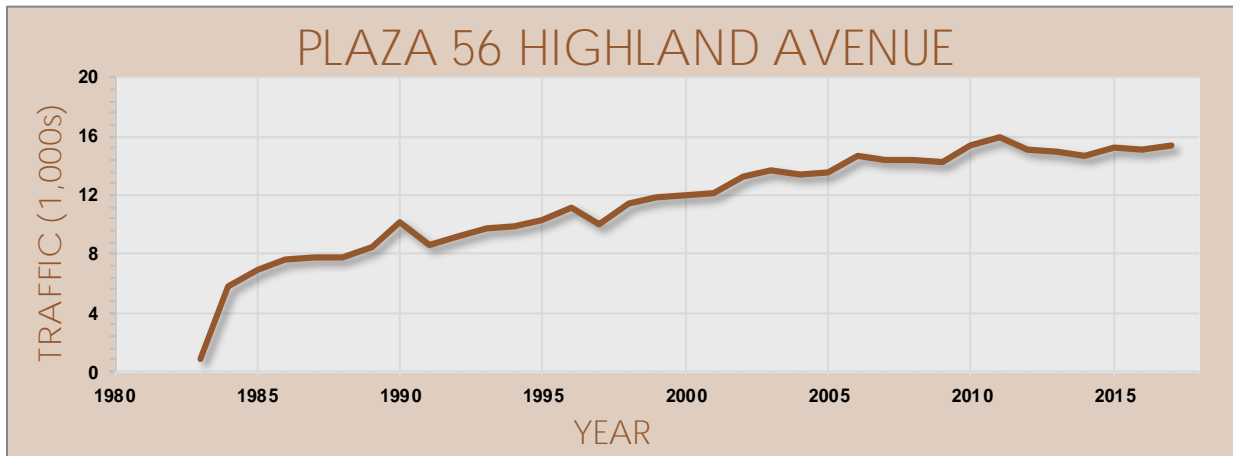


**FIGURE 4-M**

Plaza 55 was moved from the exit ramp to the entrance ramp in 2006 due to Plaza 51 reconfiguration..



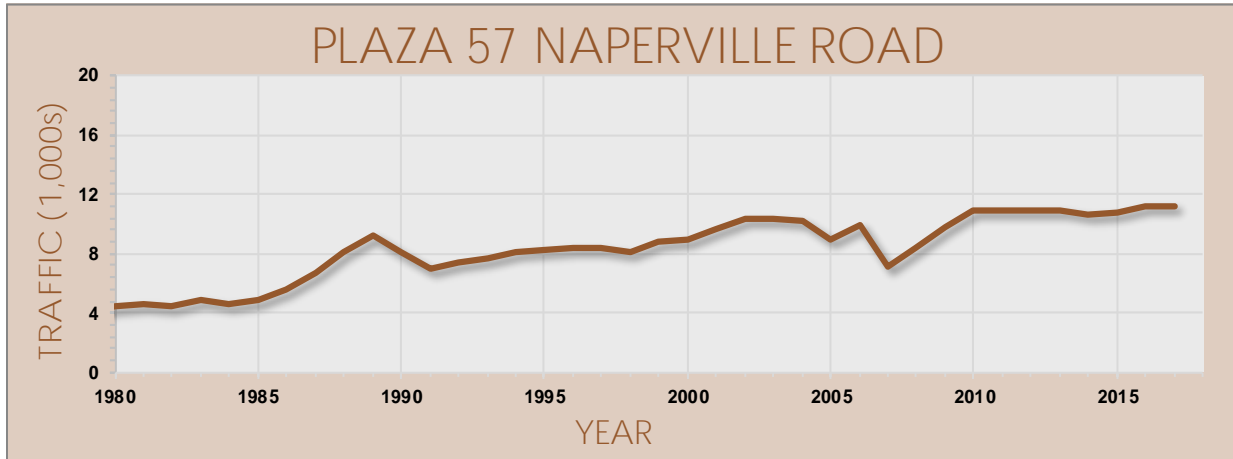
**FIGURE 4-N**



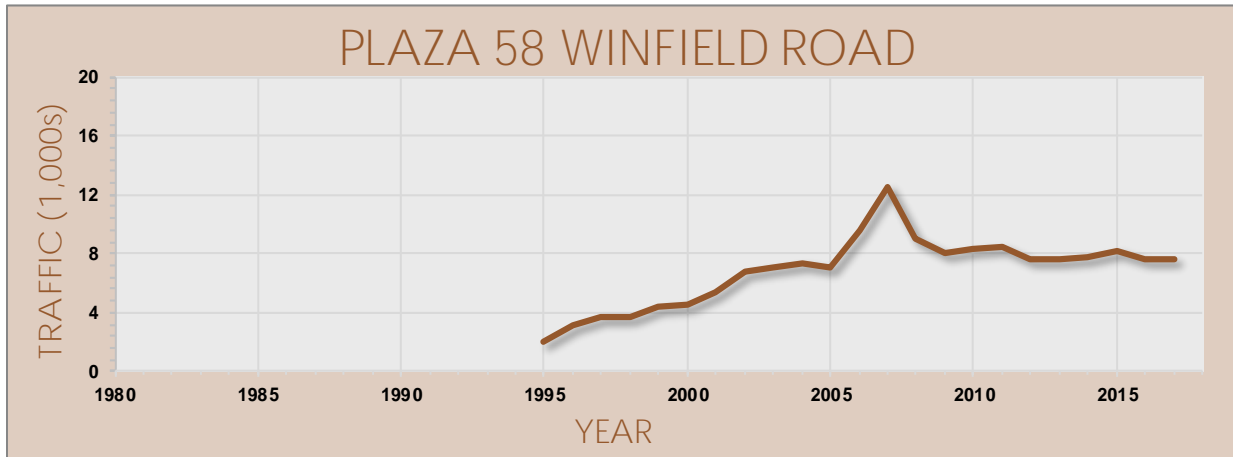
**AVERAGE DAILY TRAFFIC TRENDS**



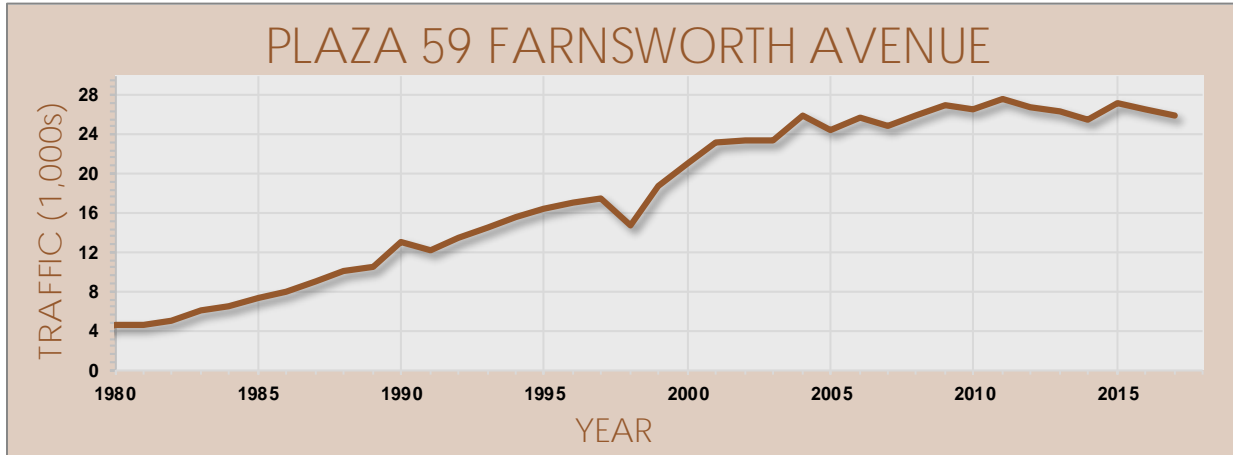
**FIGURE 4-O**



**FIGURE 4-P**



**FIGURE 4-Q**

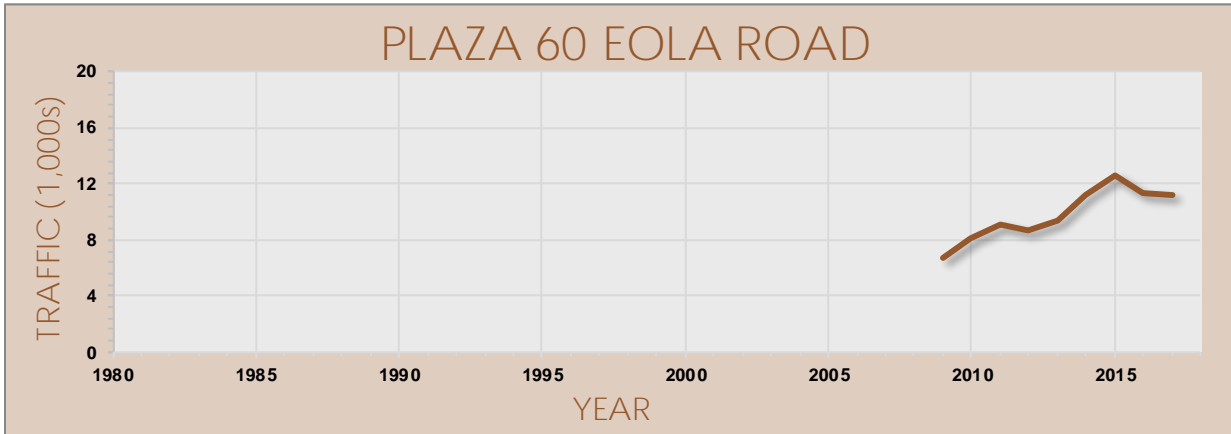


## AVERAGE DAILY TRAFFIC TRENDS

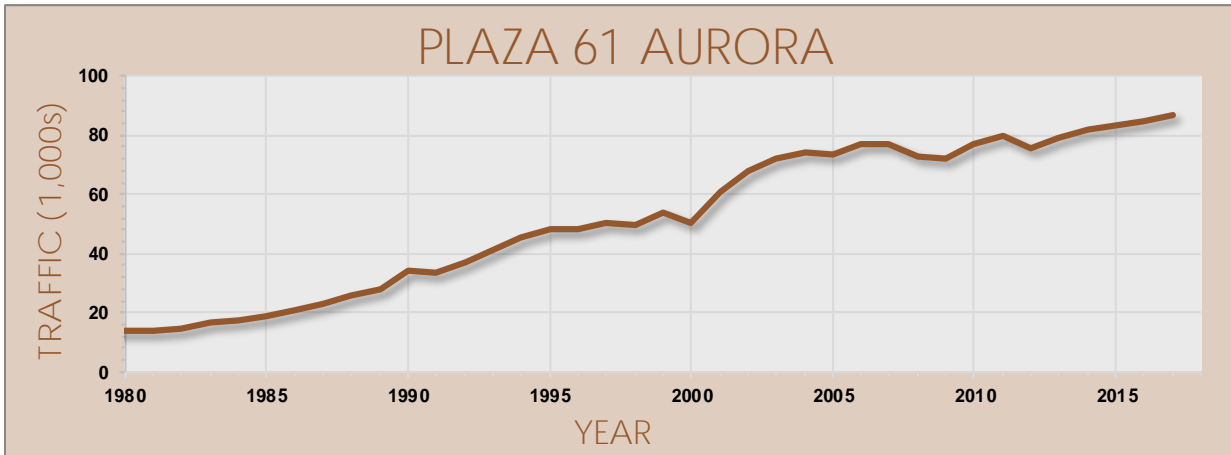


**FIGURE 4-R**

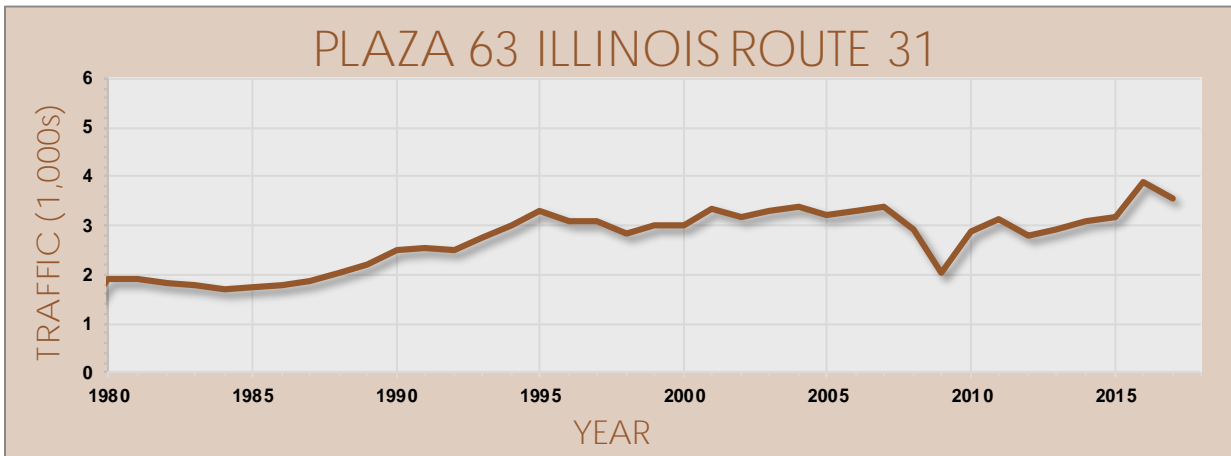
Plaza 60 opened in 2009.



**FIGURE 4-S**



**FIGURE 4-T**

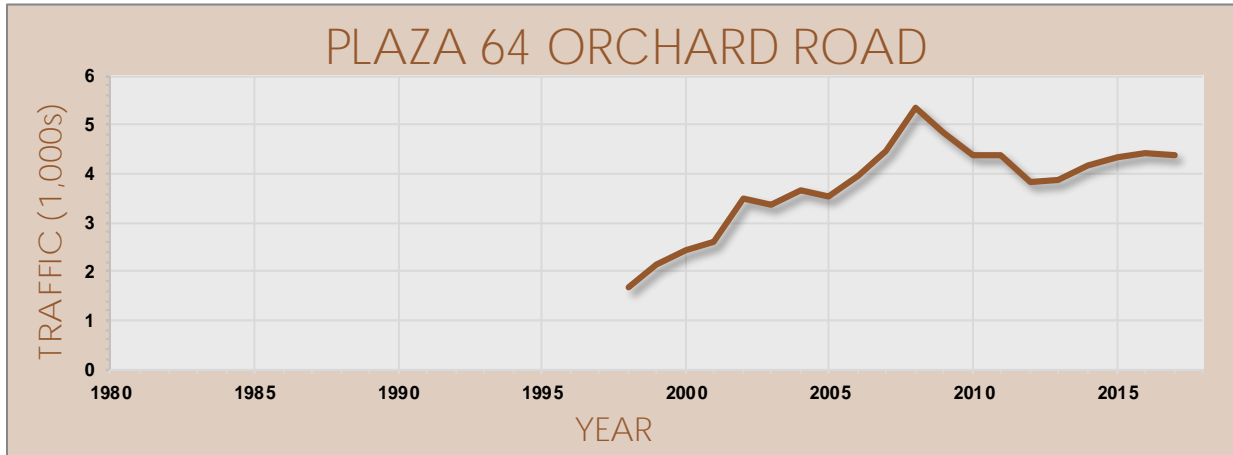


**AVERAGE DAILY TRAFFIC TRENDS**

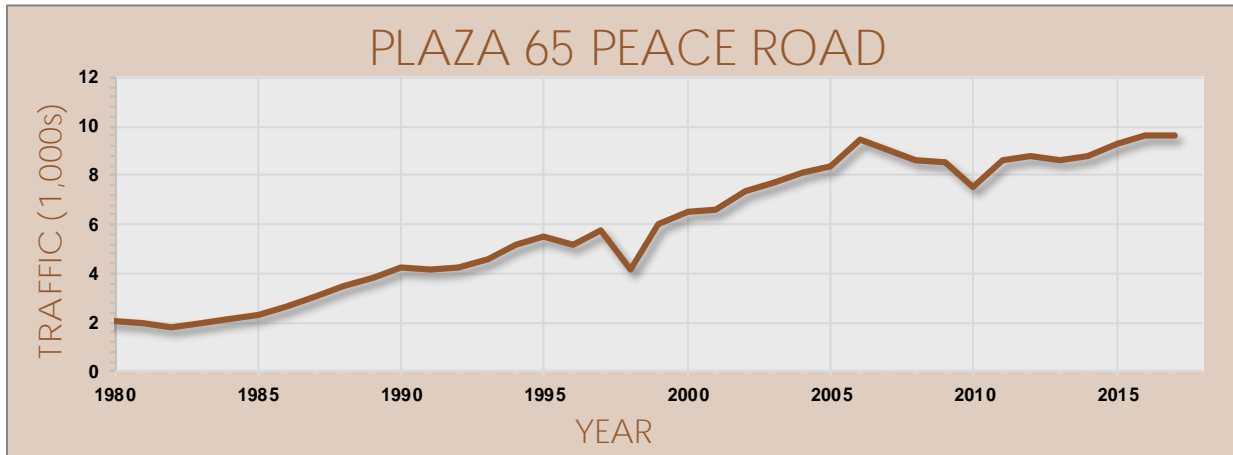


**FIGURE 4-U**

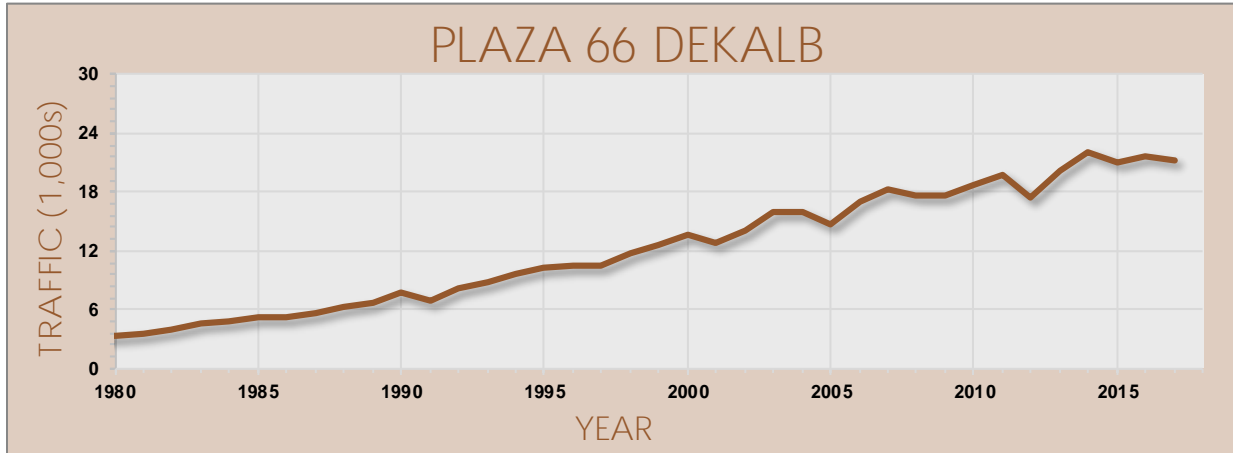
Plaza 64 opened in 1997



**FIGURE 4-V**



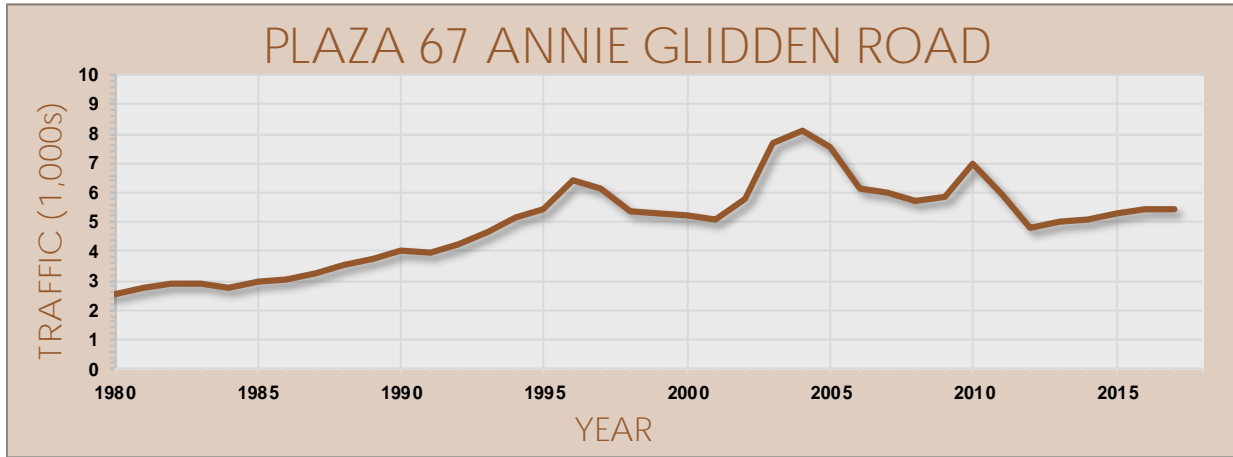
**FIGURE 4-W**



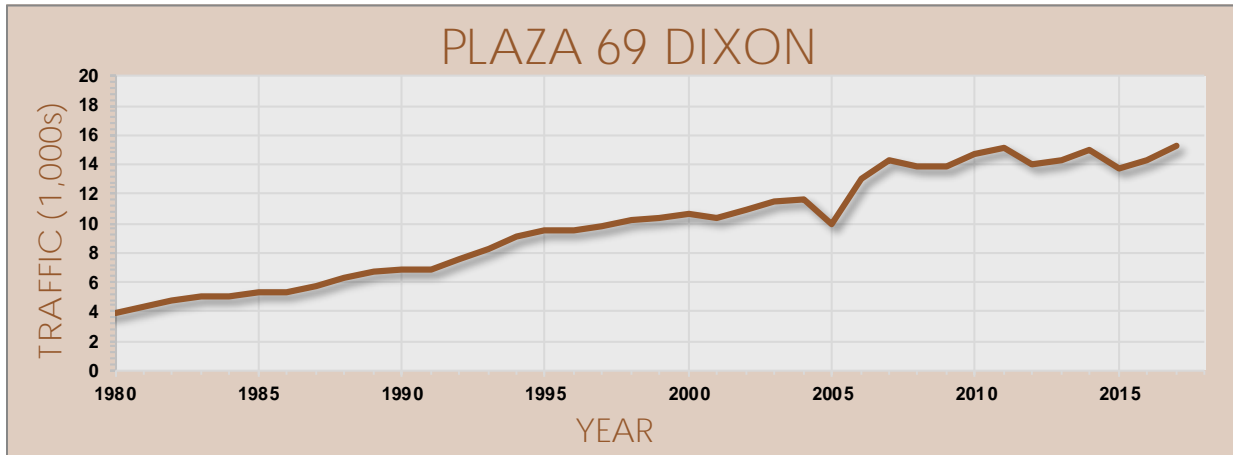
**AVERAGE DAILY TRAFFIC TRENDS**



**FIGURE 4-X**

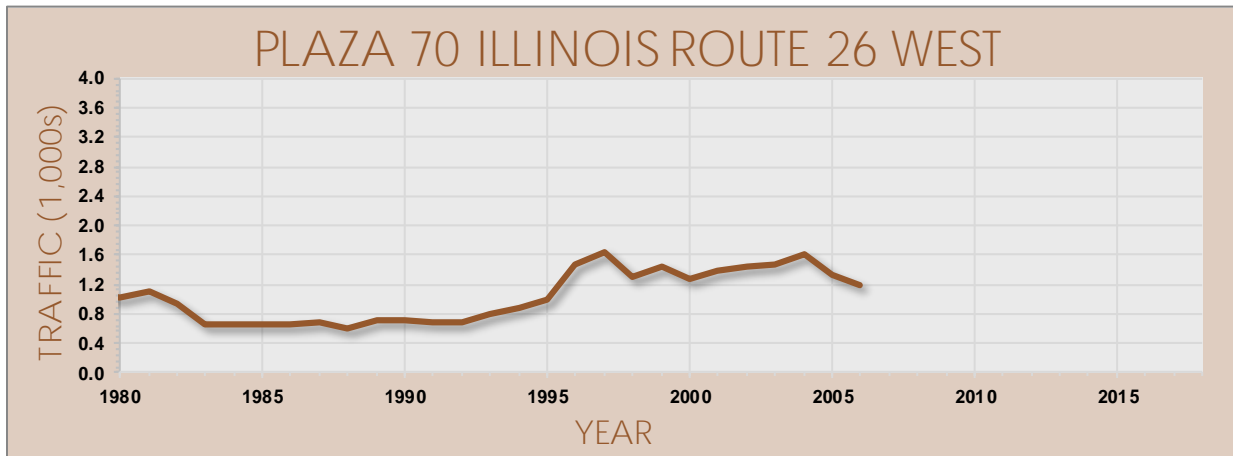


**FIGURE 4-Y**



**FIGURE 4-Z**

Plaza 70 was removed in 2006.



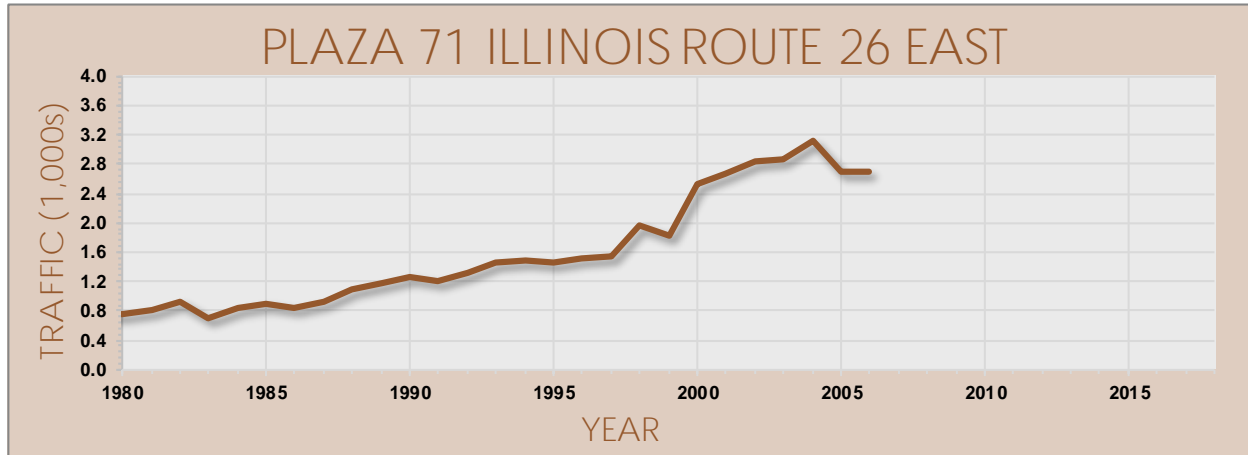
**AVERAGE DAILY TRAFFIC TRENDS**





FIGURE 4-AA

Plaza 71 was removed in 2006.

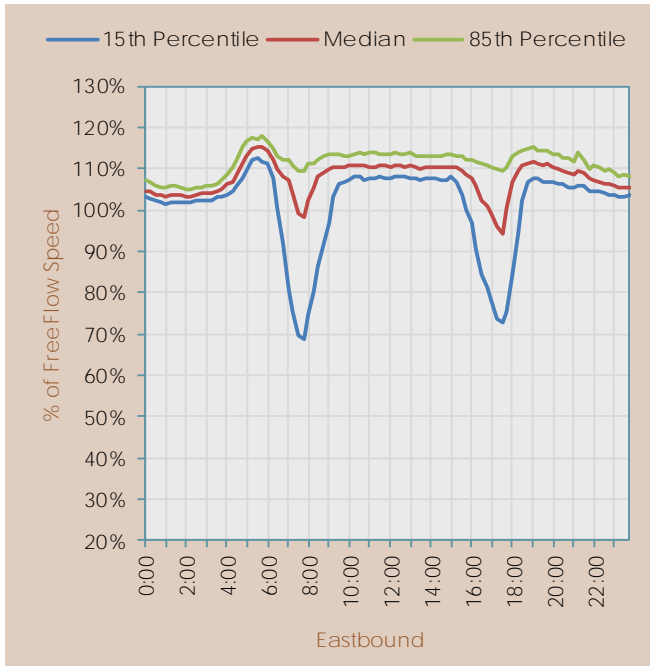


### AVERAGE DAILY TRAFFIC TRENDS

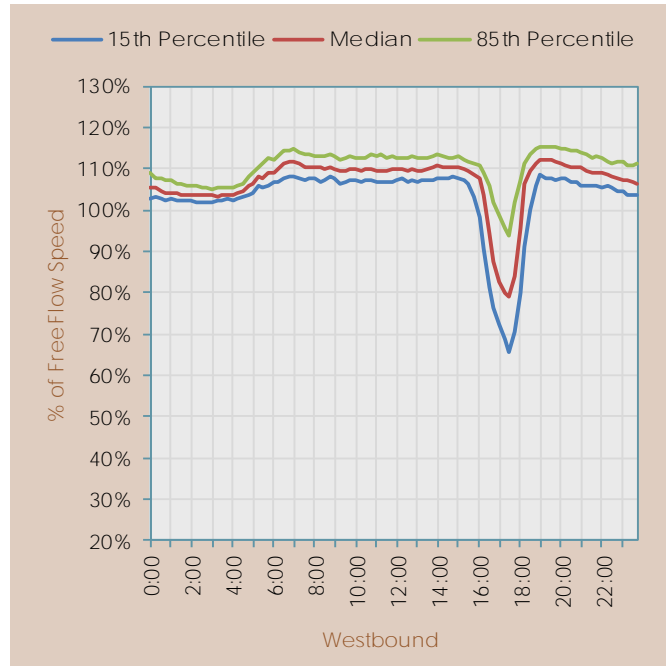


## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, EASTERN SECTION

**FIGURE 4-AB**

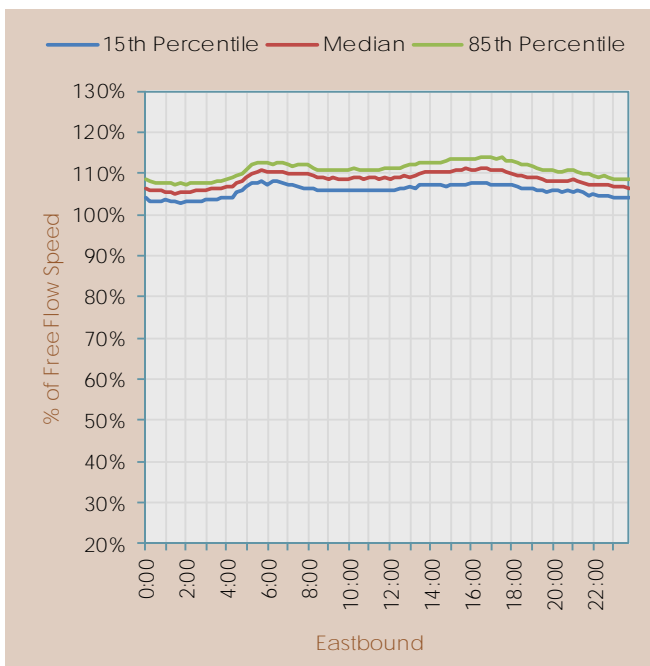


**FIGURE 4-AC**

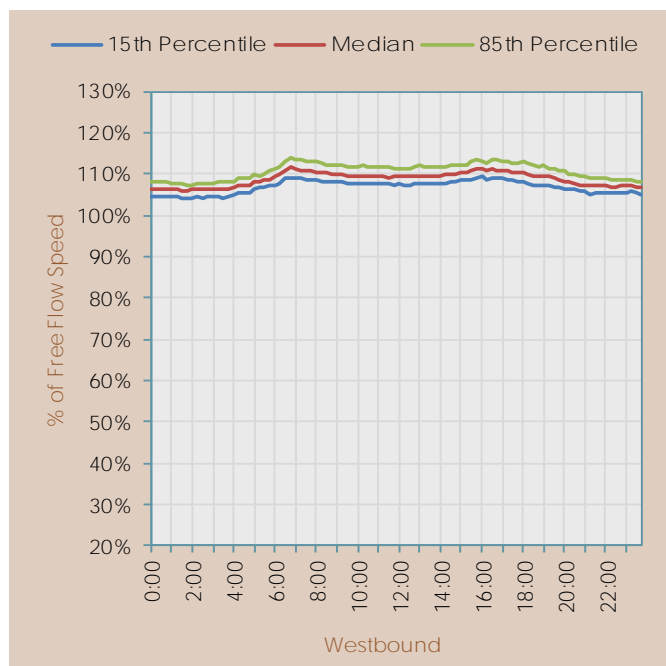


## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, WESTERN SECTION

**FIGURE 4-AD**



**FIGURE 4-AE**

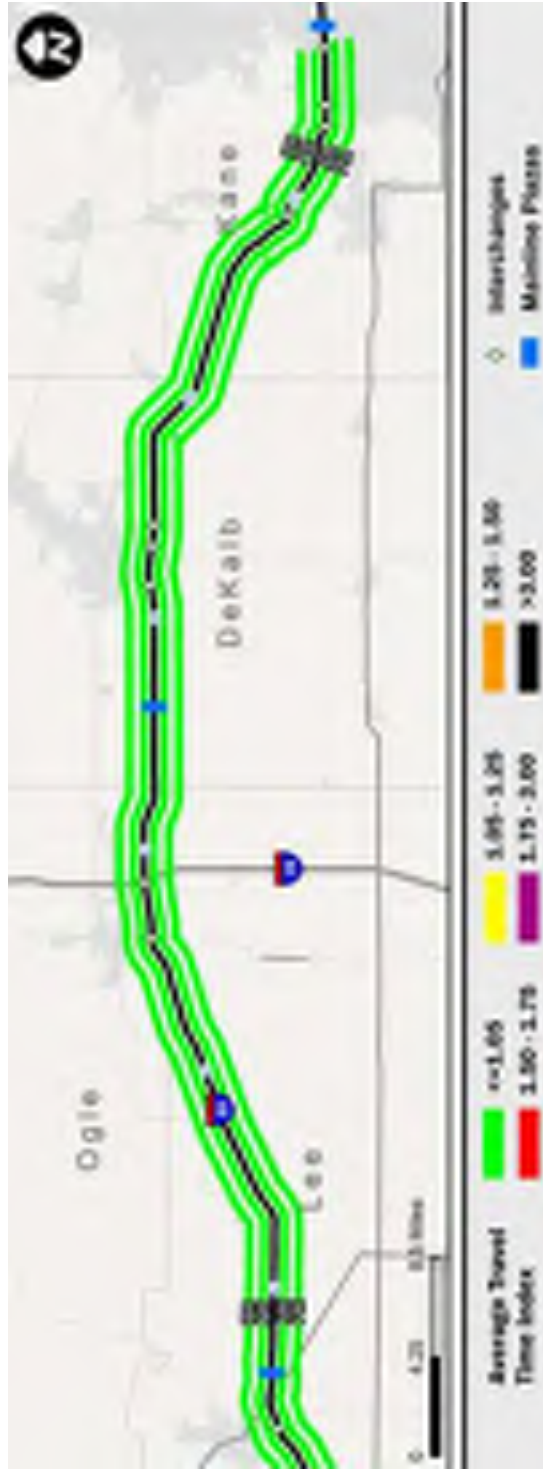




Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	January - March	64	60	0.94	1.00	1.02	1.12	0.4	1.1	319	736	8	20
2	April - June	60	55	0.99	1.10	1.15	1.21	1.1	2.6	828	1,849	19	36
3	July - September	63	56	0.95	1.08	1.13	1.11	0.6	2.3	465	1,651	13	34
4	October - December	63	56	0.95	1.08	1.30	1.35	0.5	2.2	363	1,552	12	34
Total	2017 Entire Year	63	57	0.96	1.06	1.15	1.20	0.7	2.0	494	1,447	13	31

Data source: INRIX. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

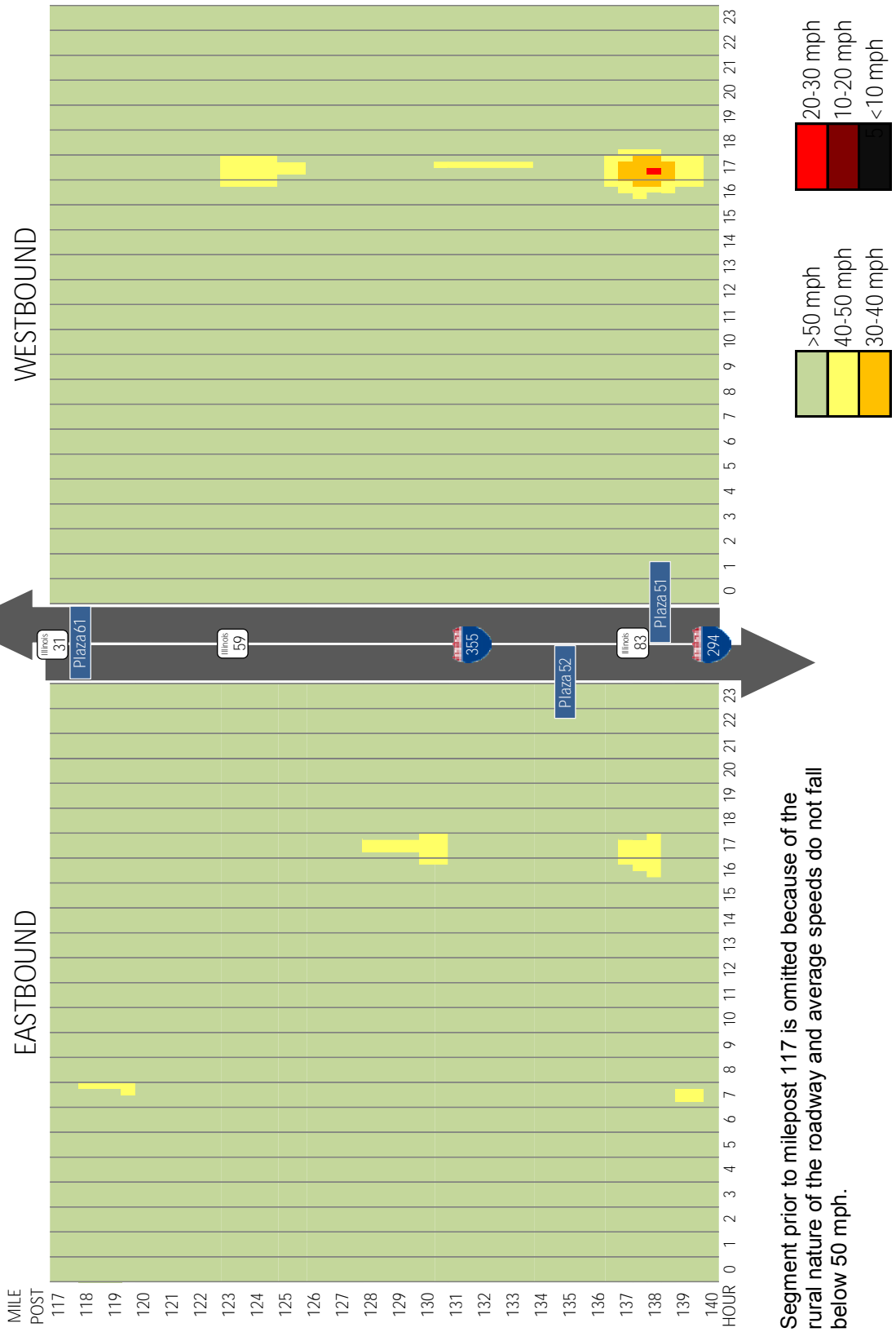
FIGURE 4-AF: ROADWAY PERFORMANCE MEASURES—EASTERN SECTION



Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	January - March	66	66	0.91	0.91	0.93	0.91	0.0	0.0	10	6	1	1
2	April-June	66	66	0.91	0.91	0.93	0.91	0.1	0.1	23	26	4	4
3	July-September	67	67	0.90	0.89	0.94	0.92	0.0	0.1	6	23	1	1
4	October-December	67	67	0.90	0.90	0.94	0.92	0.0	0.1	5	17	1	3
Total	2017 Entire Year	66	66	0.91	0.90	0.93	0.91	0.0	0.1	11	18	2	2

Data source: INRIX. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

FIGURE 4-AG: ROADWAY PERFORMANCE MEASURES—WESTERN SECTION



Segment prior to milepost 117 is omitted because of the rural nature of the roadway and average speeds do not fall below 50 mph.

FIGURE 4-AH: AVERAGE SPEED CONTOURS, MP 117.0 TO 140.0



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## Section 5

# Veterans Memorial Tollway







## SECTION 5

### Veterans Memorial Tollway

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## SECTION 5 Veterans Memorial Tollway

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**TABLE 5-A: AVERAGE DAILY TRAFFIC VOLUMES BETWEEN INTERCHANGES 1980-2017 (NORTHBOUND)**

Location	Mile Post	Miles Btwn. Int.	ADT 1980	Average Annual Percent Change	ADT 1990	Average Annual Percent Change	ADT 2000	Average Annual Percent Change	ADT 2010	Average Annual Percent Change	ADT 2017
Illinois Route 53 & Army Trail Road	29.8										
Toll Plaza 73	29.2	1.9	N/A	-	27,490	6.0	49,080	1.0	54,050	1.0	57,830
North Avenue (PL75)	27.9										
		3.3	N/A	-	31,630	6.0	56,870	0.6	60,470	1.1	65,090
Roosevelt Road (PL77)	24.6										
		2.0	N/A	-	29,970	6.5	56,450	0.6	60,120	1.2	65,430
Butterfield Road (PL79)	22.6										
		1.1	N/A	-	29,130	6.8	56,210	0.9	61,400	1.1	66,390
Reagan Memorial Tollway (E. Int)	21.5										
		2.0	N/A	-	15,330	6.5	28,880	2.1	35,650	2.8	43,180
Ogden Avenue (PL81)	19.5										
		0.4	N/A	-	18,180	2.8	23,900	5.0	38,930	2.0	44,700
Reagan Memorial Tollway (W. Int)	19.1										
		1.2	N/A	-	29,390	6.4	54,880	2.4	69,230	1.7	78,060
Maple Avenue (PL83)	18.3										
		1.1	N/A	-	28,390	6.2	52,010	2.5	66,260	1.9	75,430
63rd Street (PL85)	17.2										
		1.7	N/A	-	25,150	6.2	45,820	2.8	60,440	1.9	68,870
75th Street (PL87)	15.5										
Toll Plaza 89	14.4	1.7	N/A	-	20,320	6.7	38,860	3.8	56,660	1.8	64,320
Boughton Road (PL90)	13.8										
		1.5	N/A	-	16,490	7.3	33,470	4.8	53,640	2.0	61,750
I-55	12.3										
		3.4	N/A	-	N/A	-	N/A	-	33,830	2.8	41,140
127th Street (PL93)	8.9										
		1.6	N/A	-	N/A	-	N/A	-	31,670	3.0	39,030
Archer Avenue/143rd Street (PL95)	7.3										
		2.5	N/A	-	N/A	-	N/A	-	28,690	2.9	35,130
Illinois Route 7/159th Street (PL97)	4.8										
Toll Plaza 99	3.3	4.0	N/A	-	N/A	-	N/A	-	23,480	3.8	30,440
U.S. Route 6 (PL101)	0.8										
		0.8	N/A	-	N/A	-	N/A	-	18,960	4.4	25,700
I-80	0.0										



**TABLE 5-B: AVERAGE DAILY TRAFFIC VOLUMES BETWEEN INTERCHANGES 1980-2017 (SOUTHBOUND)**

Location	Mile Post	Miles Btwn. Int.	ADT 1980	Average Annual Percent Change	ADT 1990	Average Annual Percent Change	ADT 2000	Average Annual Percent Change	ADT 2010	Average Annual Percent Change	ADT 2017
Illinois Route 53 & Army Trail Road	29.8										
Toll Plaza 73	29.2	1.9	N/A	-	27,380	6.2	49,870	0.8	54,110	1.3	58,830
North Avenue (PL75)	27.9										
		3.3	N/A	-	31,280	6.4	58,060	0.4	60,560	1.2	66,050
Roosevelt Road (PL77)	24.6										
		2.0	N/A	-	29,340	6.9	56,940	0.8	61,360	1.4	67,450
Butterfield Road (PL79)	22.6										
		1.1	N/A	-	28,420	7.1	56,520	0.9	61,900	1.7	69,420
Reagan Memorial Tollway (E. Int)	21.5										
		1.4	N/A	-	24,240	7.1	48,220	1.3	55,070	1.6	61,340
Reagan Memorial Tollway (W. Int)	20.1										
		0.6	N/A	-	26,770	6.8	51,540	2.0	62,870	2.3	73,860
Ogden Avenue (PL81)	19.5										
		1.2	N/A	-	29,410	6.6	55,680	2.2	69,140	2.0	79,300
Maple Avenue (PL83)	18.3										
		1.1	N/A	-	28,600	6.3	52,680	2.4	66,600	2.0	76,370
63rd Street (PL85)	17.2										
		1.7	N/A	-	25,390	6.3	46,870	2.6	60,820	2.0	69,840
75th Street (PL87)	15.5										
Toll Plaza 89	14.4	1.7	N/A	-	20,530	6.8	39,640	3.8	57,420	1.8	65,100
Boughton Road (PL90)	13.8										
		1.5	N/A	-	16,740	7.3	33,900	5.1	55,790	2.0	63,910
I-55	12.3										
		3.4	N/A	-	N/A	-	N/A	-	33,800	2.7	40,770
127th Street (PL93)	8.9										
		1.6	N/A	-	N/A	-	N/A	-	31,350	2.8	38,090
Archer Avenue/143rd Street (PL95)	7.3										
		2.5	N/A	-	N/A	-	N/A	-	28,660	2.6	34,380
Illinois Route 7/159th Street (PL97)	4.8										
Toll Plaza 99	3.3	4.0	N/A	-	N/A	-	N/A	-	23,530	3.3	29,510
U.S. Route 6 (PL101)	0.8										
		0.8	N/A	-	N/A	-	N/A	-	18,410	3.8	23,960
I-80	0.0										



**TABLE 5-C: GENERAL STATISTICS FOR MAINLINE PLAZAS  
(Vehicles/Hour)**

Mainline Plaza	Dir.	30th HV	Period	Mean	Med.	Max.	Min.	Std. Dev.	85th %
73 Army Trail Road	NB	5,831	AM Peak	5,252	5,342	6,120	2,257	517	5,652
			PM Peak	5,020	5,078	5,690	3,202	354	5,320
			OFF Peak	2,142	2,296	5,201	97	1,472	3,726
			Weekend	2,139	2,130	5,831	115	1,432	3,594
			Holidays	1,924	1,803	5,085	124	1,387	3,507
	SB	5,908	AM Peak	4,566	4,022	6,064	2,144	1,026	5,720
			PM Peak	5,337	5,391	6,150	3,740	392	5,672
			OFF Peak	2,257	2,159	6,195	101	1,672	4,273
			Weekend	2,152	2,071	6,012	118	1,477	3,570
			Holidays	1,956	1,772	5,797	93	1,445	3,478
89 Boughton Road	NB	6,834	AM Peak	6,300	6,380	7,090	3,847	557	6,757
			PM Peak	4,556	4,614	5,217	3,268	346	4,906
			OFF Peak	2,353	2,603	5,539	172	1,572	4,037
			Weekend	2,467	2,467	6,810	177	1,603	4,115
			Holidays	2,239	2,200	6,104	161	1,544	3,968
	SB	7,294	AM Peak	3,561	3,384	4,464	1,938	561	4,188
			PM Peak	6,852	6,981	7,468	4,739	468	7,188
			OFF Peak	2,480	2,615	6,860	146	1,757	4,129
			Weekend	2,455	2,415	7,368	182	1,658	3,940
			Holidays	2,242	2,069	7,163	133	1,653	3,777
99 Spring Creek	NB	3,788	AM Peak	3,339	3,394	4,154	1,436	386	3,695
			PM Peak	2,174	2,184	2,658	1,157	187	2,374
			OFF Peak	1,100	1,200	2,996	71	745	1,875
			Weekend	1,142	1,153	3,747	64	761	1,859
			Holidays	1,057	1,040	3,177	59	745	1,812
	SB	3,423	AM Peak	1,851	1,746	2,470	981	327	2,227
			PM Peak	3,068	3,098	3,816	2,016	259	3,304
			OFF Peak	1,110	1,084	3,479	61	795	1,981
			Weekend	1,107	1,075	3,687	69	769	1,835
			Holidays	1,026	922	3,584	49	777	1,823

AM Peak = Weekday 6:00 AM To 8:00 AM Except Fridays  
 PM Peak = Weekday 4:00 PM To 6:00 PM Except Fridays  
 OFF Peak = Weekdays Except Fridays and AM and PM Peak Periods  
 Weekend = Fridays, Saturdays, and Sundays  
 Holidays = See Page 1-6 for a list of Holidays.



**TABLE 5-D: INDEXED MONTHLY VARIATION BY MAINLINE PLAZA**

Month	Army Trail Road	Boughton Road	Spring Creek
January	0.87	0.86	0.83
February	0.95	0.94	0.91
March	0.98	0.97	0.94
April	1.00	0.99	0.97
May	1.04	1.04	1.04
June	1.09	1.10	1.12
July	1.02	1.04	1.07
August	1.07	1.08	1.09
September	1.04	1.04	1.06
October	1.02	1.02	1.03
November	0.99	1.00	1.00
December	0.93	0.95	0.93

**TABLE 5-E: INDEXED DAILY VARIATION BY MAINLINE PLAZA**

Month	Day	Army Trail Road	Boughton Road	Spring Creek
August	Monday	1.07	1.08	1.09
	Tuesday	1.06	1.07	1.08
	Wednesday	1.05	1.05	1.08
	Thursday	1.04	1.05	1.06
	Friday	1.05	1.05	1.06
	Saturday	1.08	1.11	1.13
	Sunday	1.06	1.07	1.07
December	Monday	0.94	0.95	0.95
	Tuesday	0.93	0.96	0.95
	Wednesday	0.95	0.97	0.96
	Thursday	0.95	0.97	0.97
	Friday	0.93	0.94	0.93
	Saturday	0.95	0.95	0.93
	Sunday	0.92	0.91	0.89

Table 5-E includes Monthly Variation



TABLE 5-F: ANNUAL TOTAL TRANSACTIONS BY TOLL PLAZA

Plaza	Plaza Code*	2016**	2017	Percentage Change
73 Army Trail Road	M	42,224,196	42,583,623	0.9%
75 North Avenue	R	10,930,453	11,015,700	0.8%
77 Roosevelt Road	R	6,038,953	6,123,265	1.4%
79 Butterfield Road	R	6,416,918	6,449,502	0.5%
81 Ogden Avenue	R	1,753,405	1,800,854	2.7%
83 Maple Avenue	R	4,515,418	4,536,810	0.5%
85 63rd Street	R	6,251,436	6,276,484	0.4%
87 75th Street	R	6,239,898	6,095,240	-2.3%
89 Boughton Mainline	M	46,241,688	47,240,350	2.2%
90 Boughton Road	R	4,772,550	4,765,120	-0.2%
93 127th Street	R	2,567,756	2,679,308	4.3%
95 Archer Avenue	R	3,759,350	3,997,240	6.3%
97 Route 7	R	4,979,678	4,873,762	-2.1%
99 Spring Creek	M	21,094,920	21,887,197	3.8%
101 U.S. Route 6	R	1,799,977	1,843,071	2.4%
Veterans Memorial Total		169,586,596	172,167,526	1.5%

\* M=Mainline / R=Ramp / A=Attended Ramp Plaza / E=Electronic Toll Collection Only Ramp  
1=Toll Collected in One Direction Only

\*\* 2016 was a leap year





TABLE 5-G: AVERAGE DAILY TRAFFIC DATA

Year	Average Daily Total			Average Trip
	Vehicles	Vehicle Miles	Transactions	Length (Miles)
1989	1,718	18,733	2,794	10.90
1990	116,106	913,325	148,394	7.87
1991	112,664	1,080,313	177,384	9.59
1992	125,446	1,203,491	198,723	9.59
1993	133,101	1,280,823	211,525	9.62
1994	135,381	1,297,315	214,764	9.58
1995	136,250	1,324,254	219,397	9.72
1996	140,780	1,397,726	230,871	9.93
1997	149,430	1,481,389	240,479	9.91
1998	153,670	1,524,455	253,551	9.92
1999	162,950	1,578,153	267,579	9.68
2000	174,040	1,712,671	281,509	9.84
2001	184,280	1,820,705	297,086	9.88
2002	192,155	1,916,090	313,813	9.97
2003	193,150	1,940,636	316,557	10.05
2004	202,630	2,006,635	329,275	9.90
2005	199,310	1,953,866	321,209	9.80
2006	205,210	1,972,819	327,759	9.61
2007	212,000	2,007,320	335,879	9.47
2008	248,120	2,705,470	418,865	10.90
2009	251,180	2,783,566	428,534	11.08
2010	246,290	2,740,256	425,576	11.13
2011	253,630	2,845,902	442,475	11.22
2012	245,530	2,767,855	425,669	11.27
2013	257,920	2,778,398	426,939	10.77
2014	260,710	2,863,237	435,932	10.98
2015	276,290	3,010,917	455,847	10.90
2016	279,120	3,089,715	463,351	11.07
2017	281,970	3,159,311	471,692	11.20

The South Extension to the Veterans Memorial Tollway opened in 2007.



FIGURE 5-B

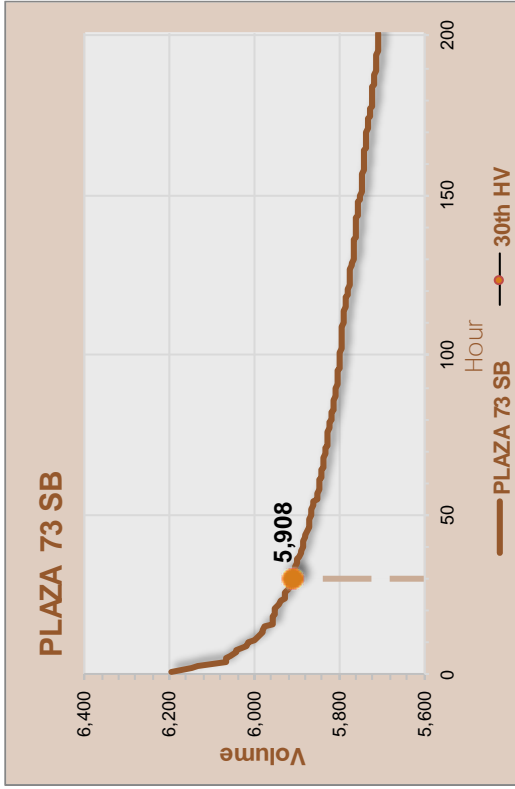


FIGURE 5-D

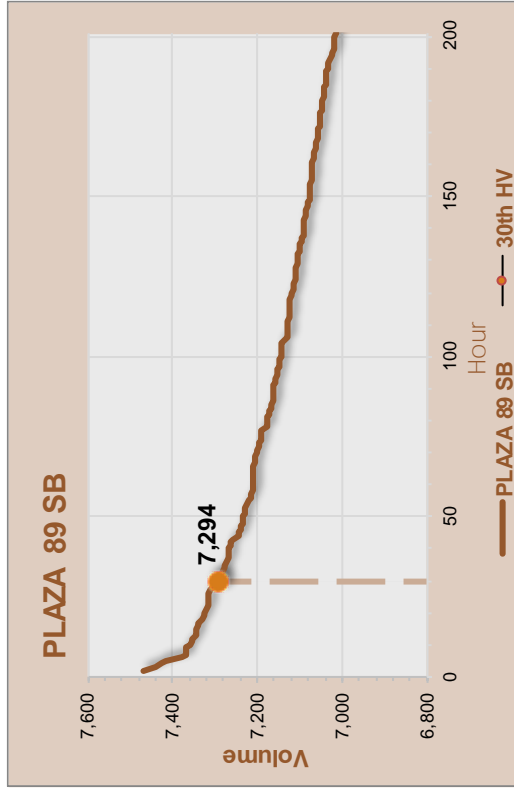


FIGURE 5-A

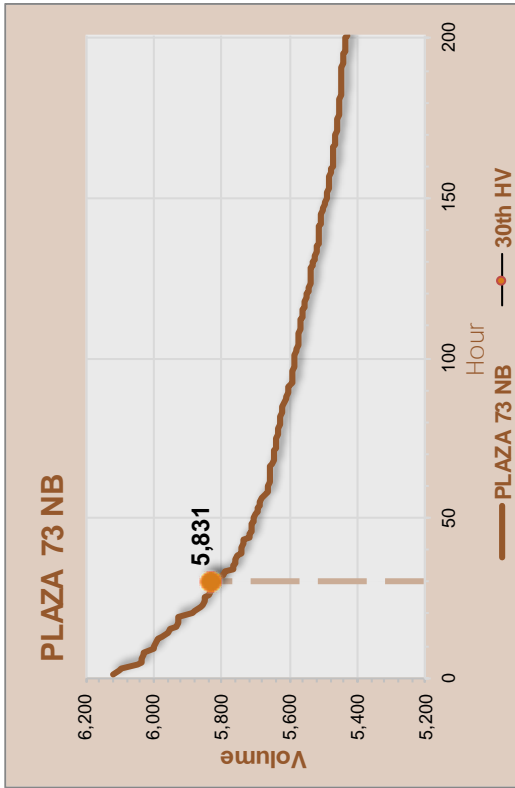
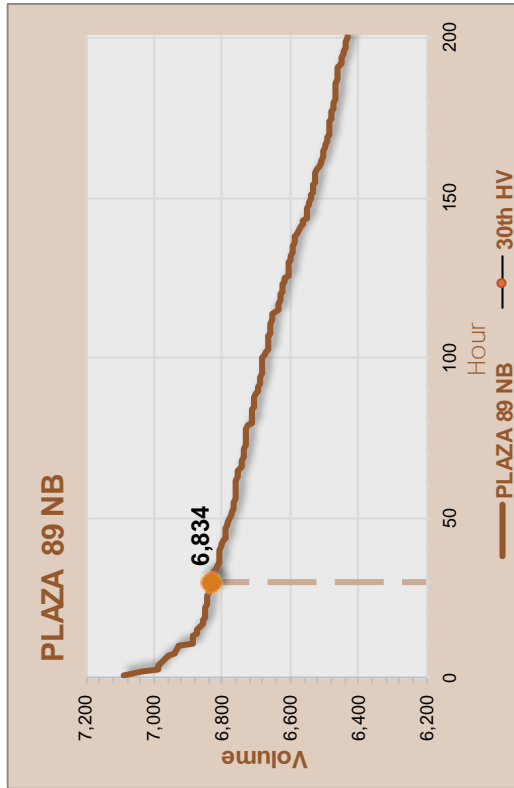


FIGURE 5-C



MAINLINE PLAZA HIGHEST HOURLY VOLUME



FIGURE 5-F

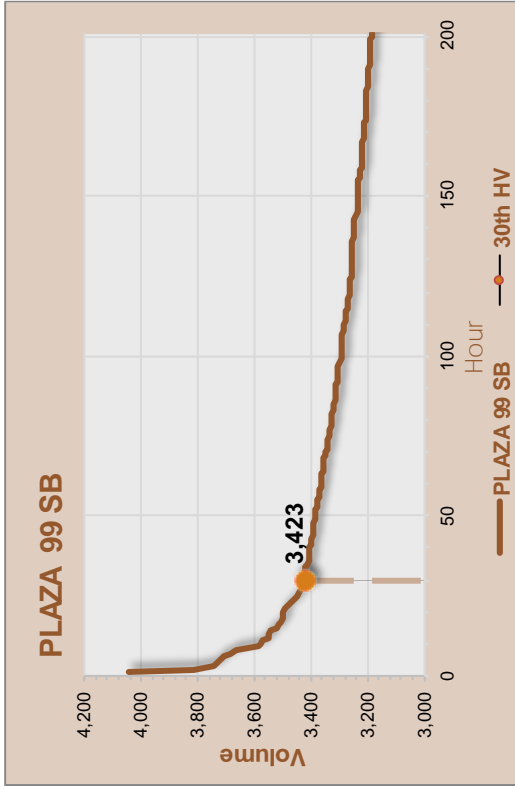
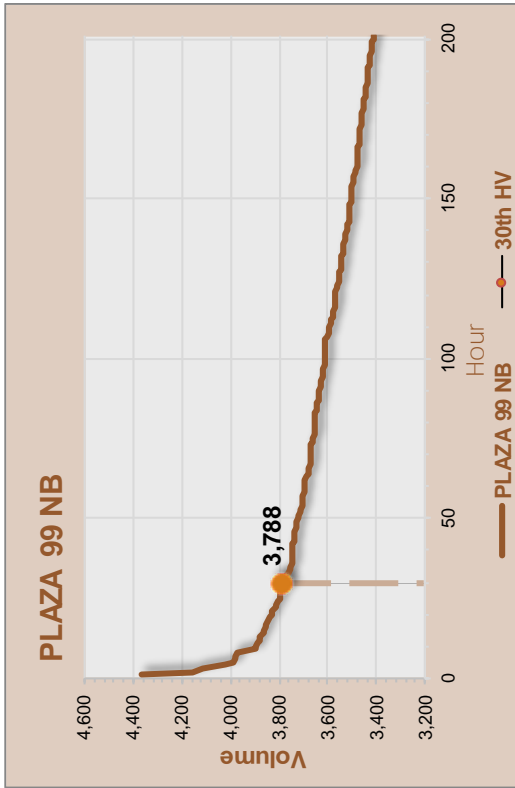


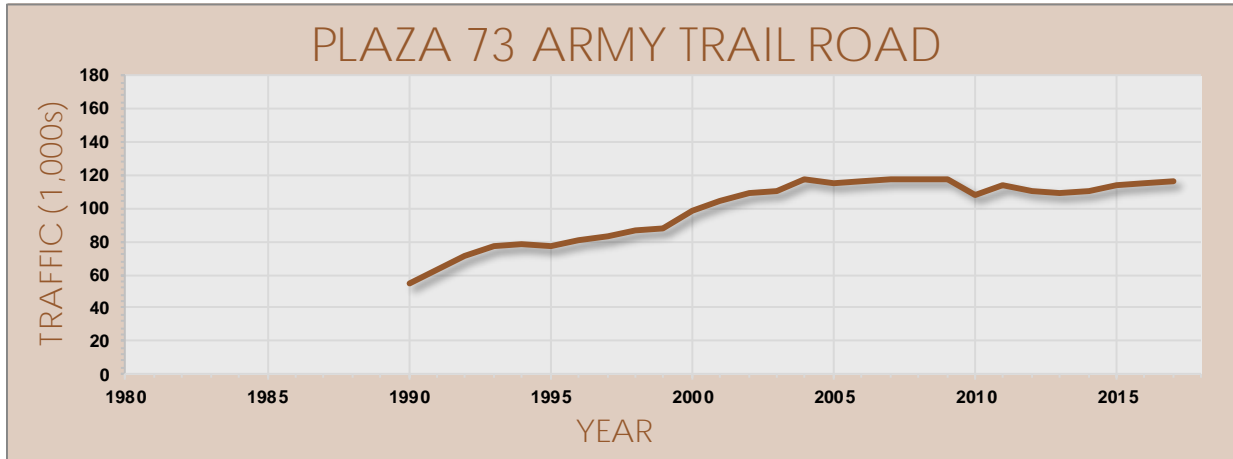
FIGURE 5-E



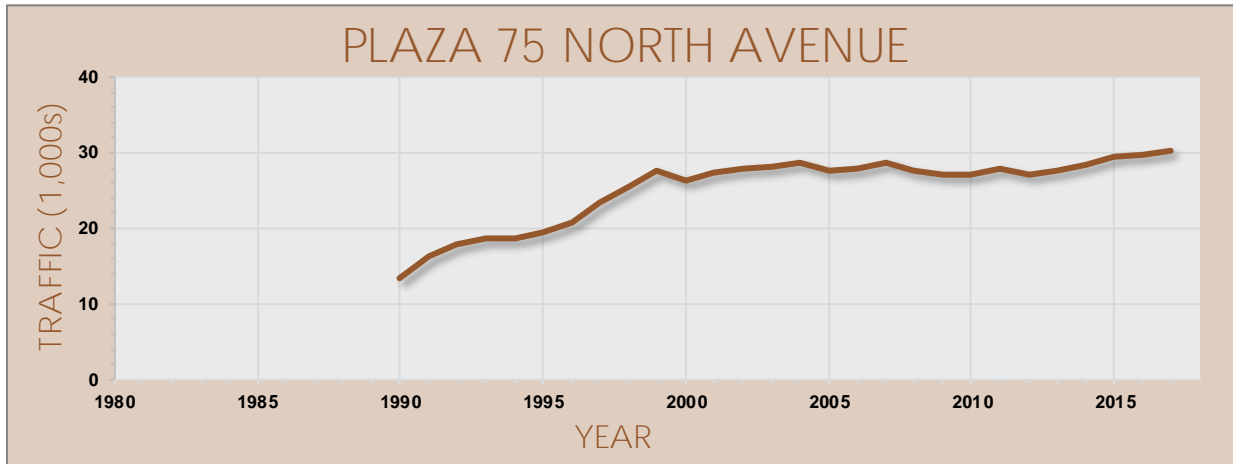
MAINLINE PLAZA HIGHEST HOURLY VOLUME



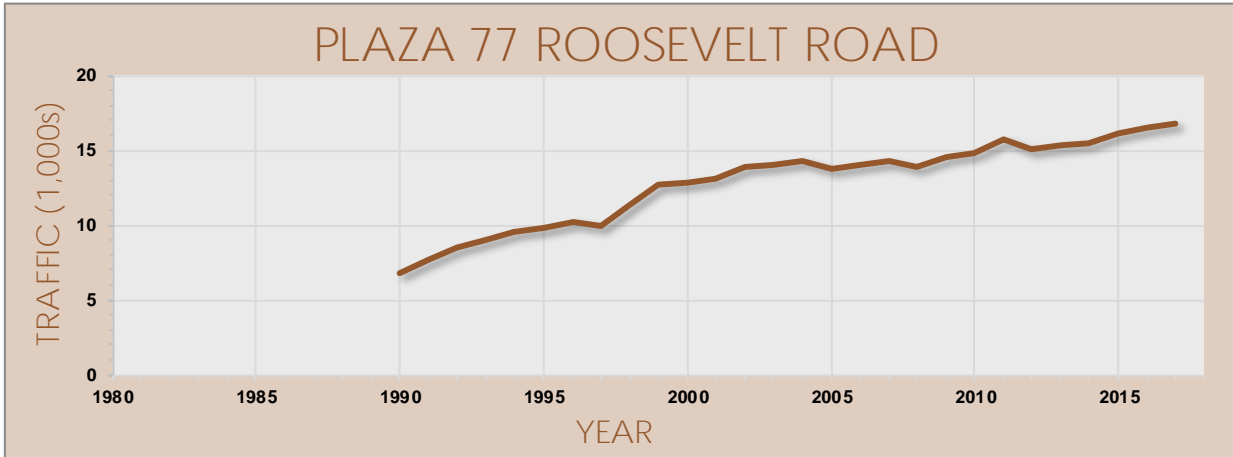
**FIGURE 5-G**



**FIGURE 5-H**



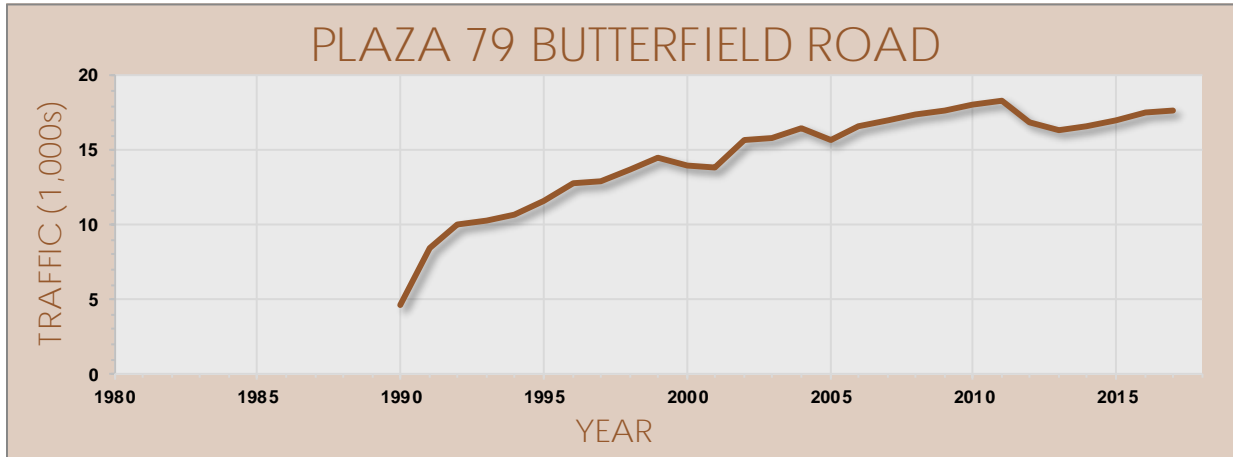
**FIGURE 5-I**



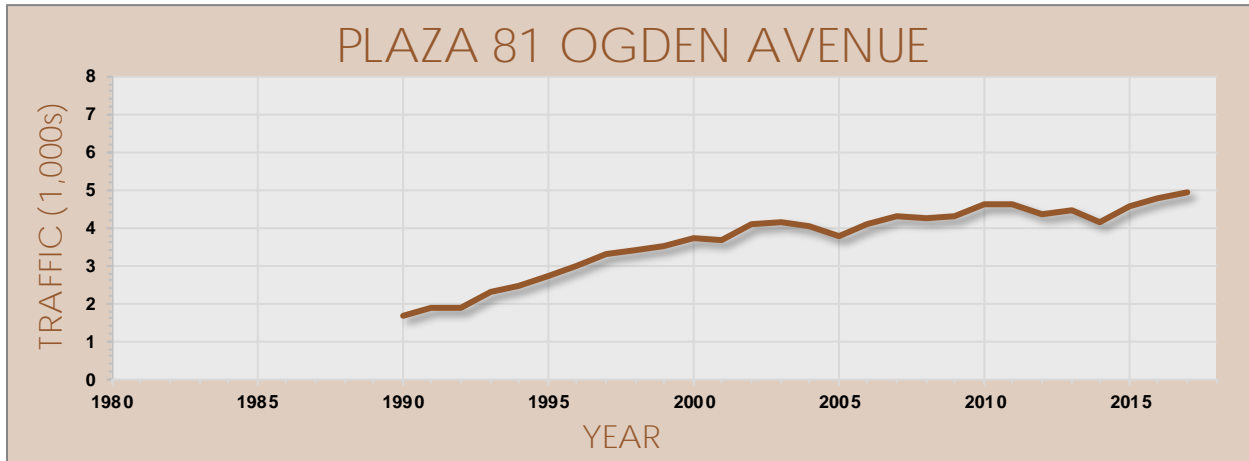
**AVERAGE DAILY TRAFFIC TRENDS**



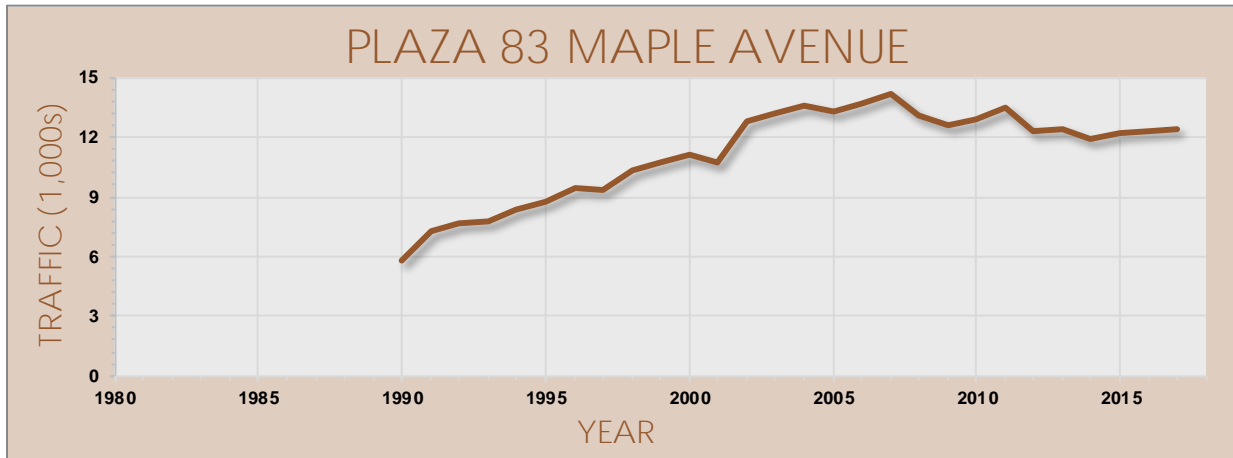
**FIGURE 5-J**



**FIGURE 5-K**



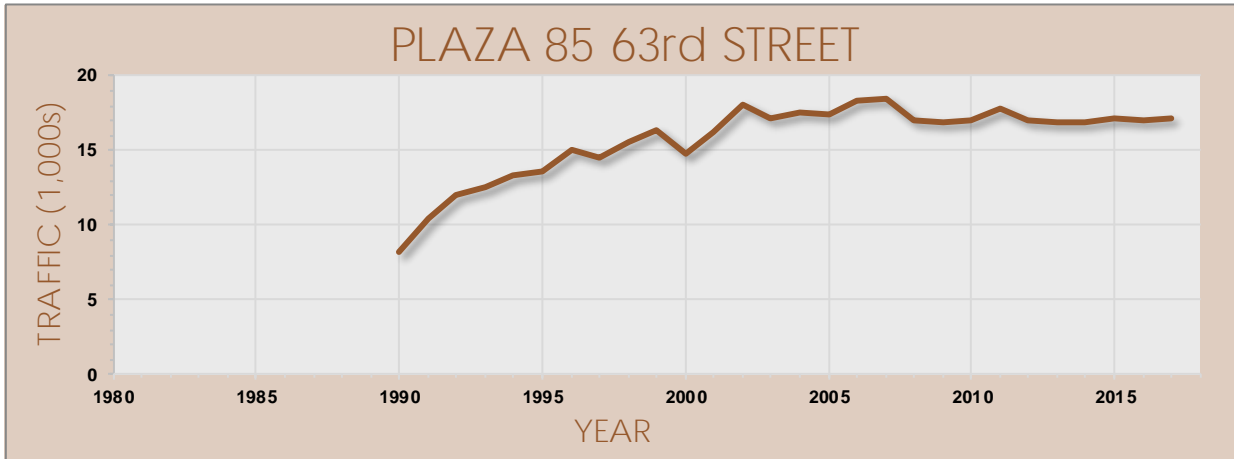
**FIGURE 5-L**



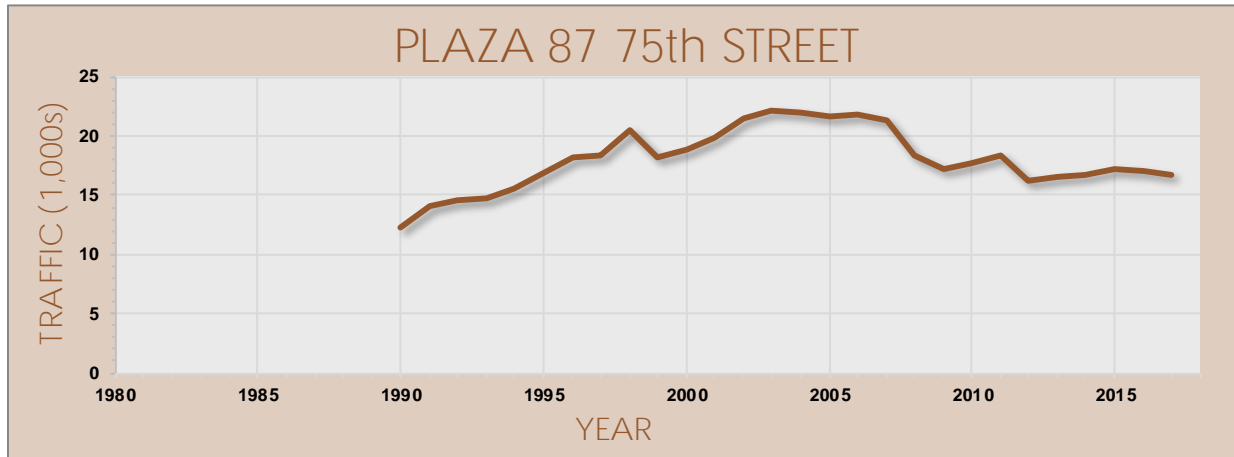
## AVERAGE DAILY TRAFFIC TRENDS



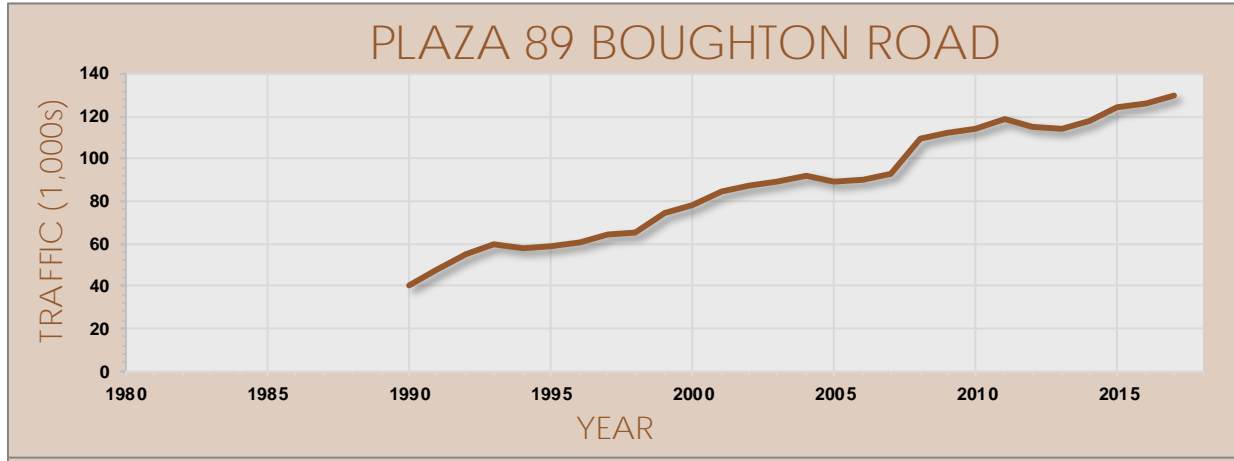
**FIGURE 5-M**



**FIGURE 5-N**



**FIGURE 5-O**

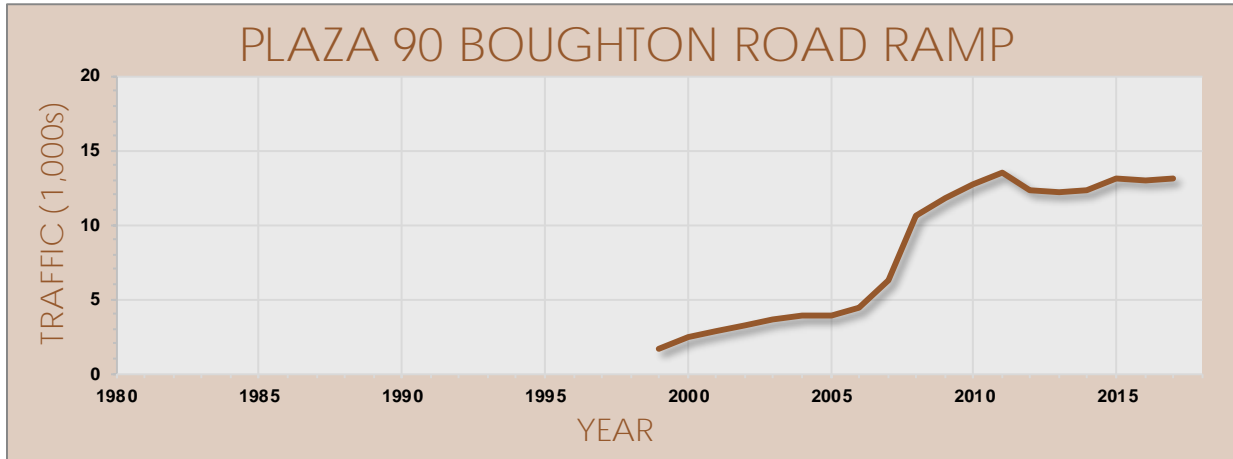


**AVERAGE DAILY TRAFFIC TRENDS**



**FIGURE 5-P**

Plaza 90 opened in 1999.



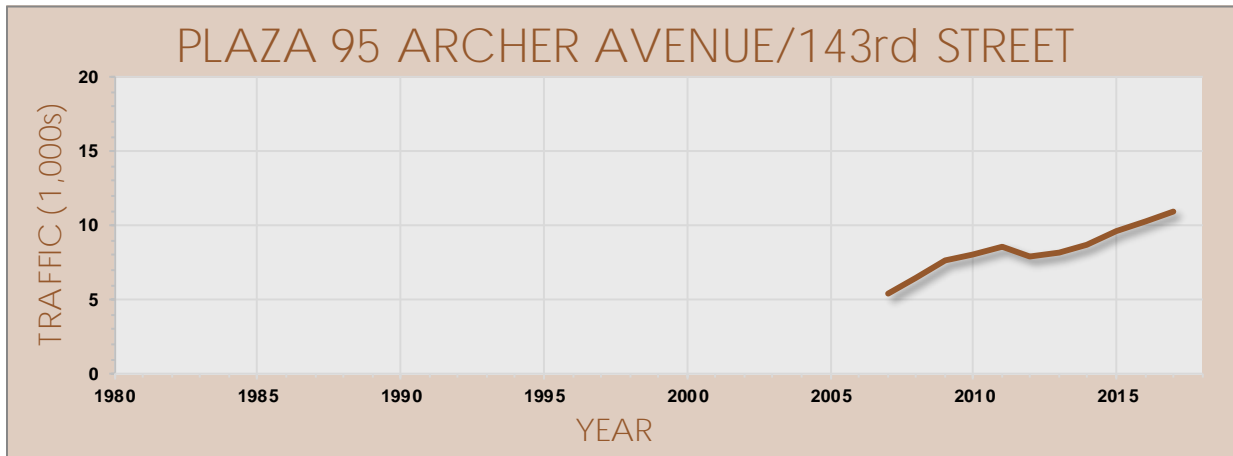
**FIGURE 5-Q**

The South Extension opened in 2007.



**FIGURE 5-R**

The South Extension opened in 2007.

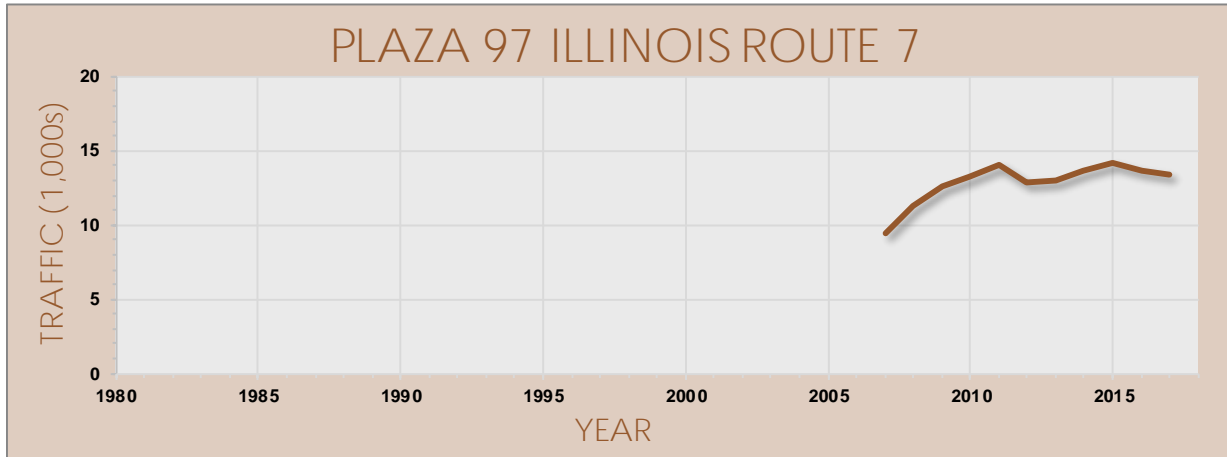


**AVERAGE DAILY TRAFFIC TRENDS**



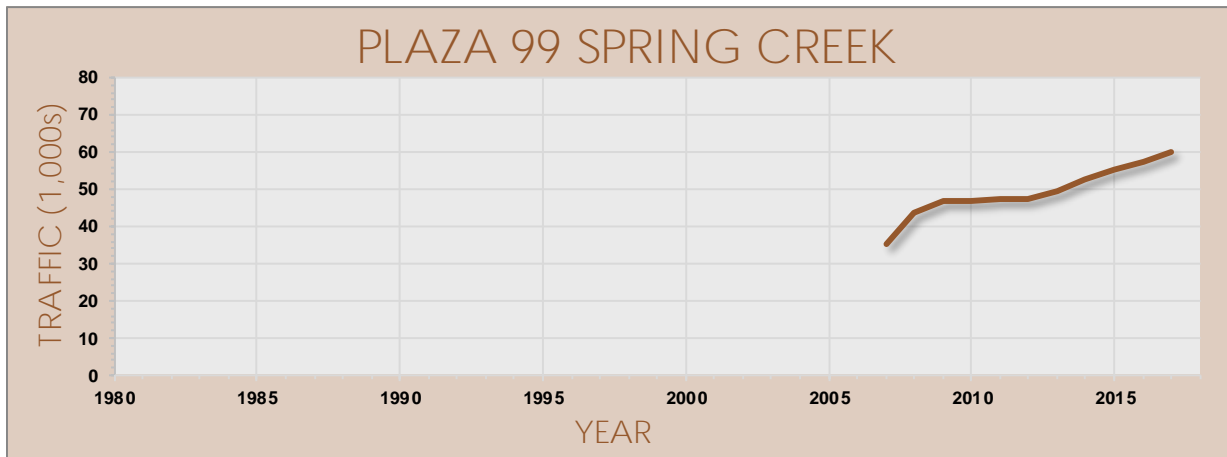
**FIGURE 5-S**

The South Extension opened in 2007.



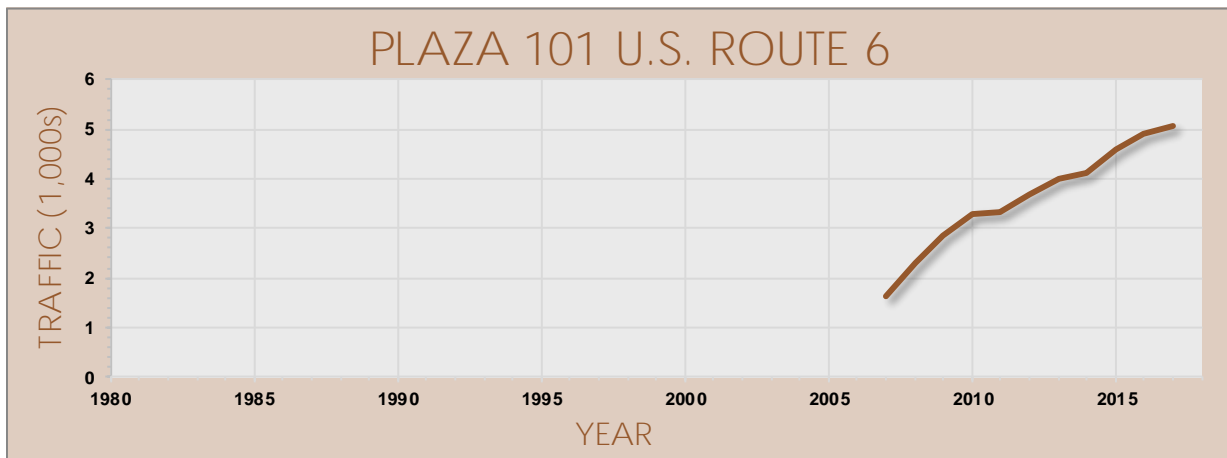
**FIGURE 5-T**

The South Extension opened in 2007.



**FIGURE 5-U**

The South Extension opened in 2007.



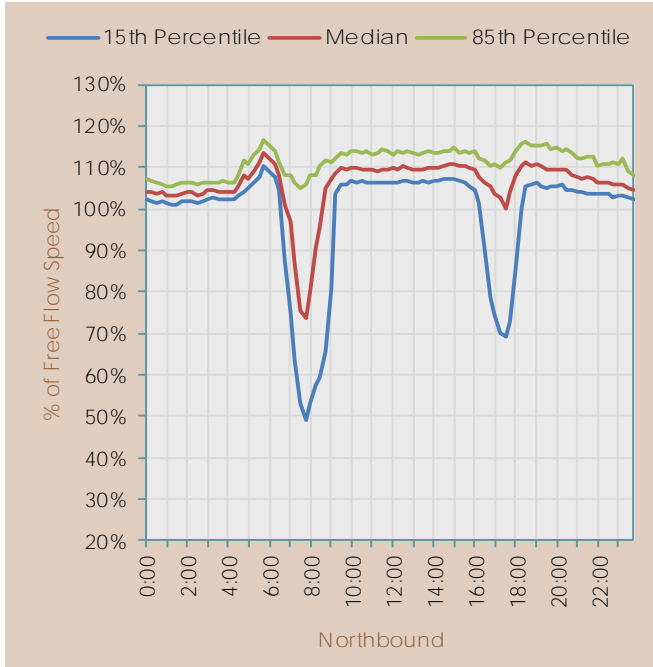
## AVERAGE DAILY TRAFFIC TRENDS



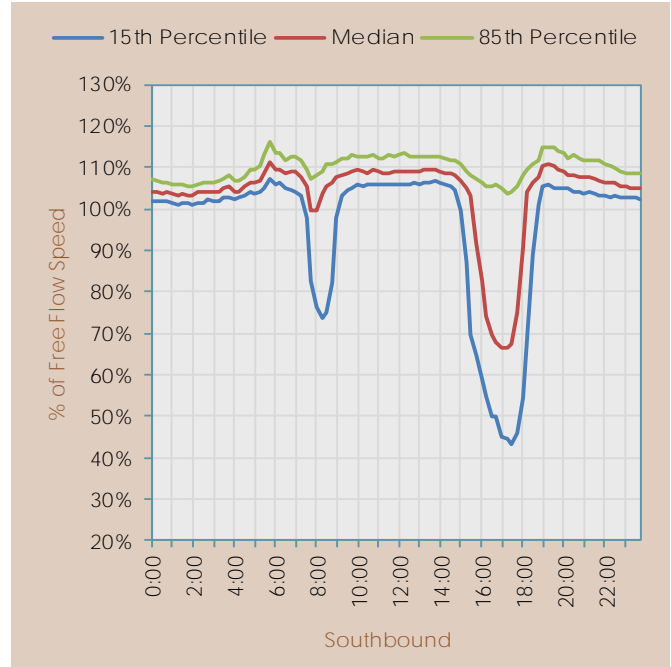


## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, NORTHERN SECTION

**FIGURE 5-V**

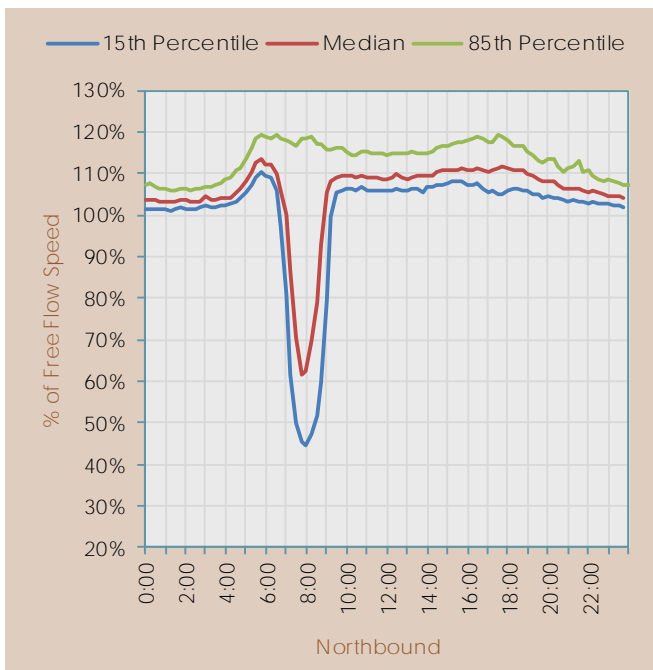


**FIGURE 5-W**

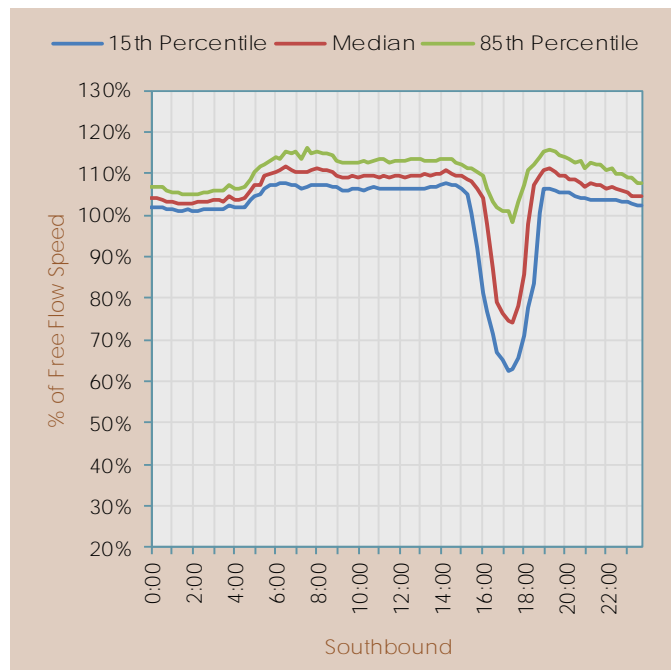


## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, CENTRAL SECTION

**FIGURE 5-X**



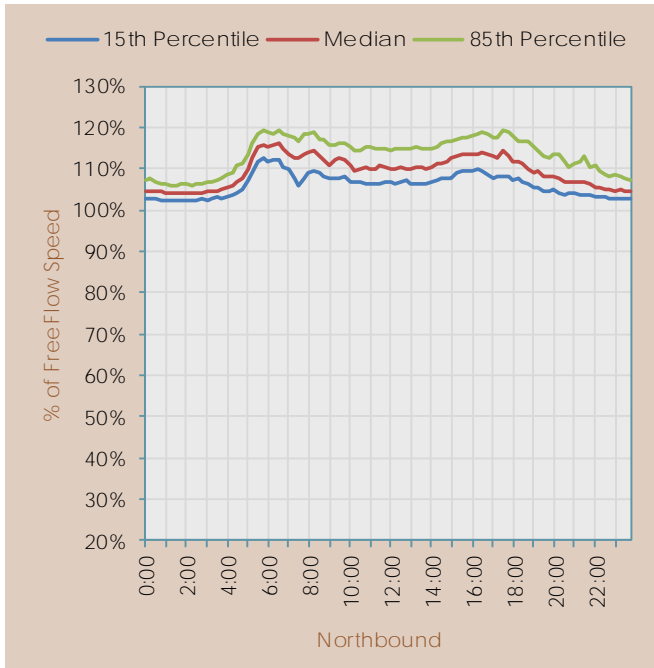
**FIGURE 5-Y**



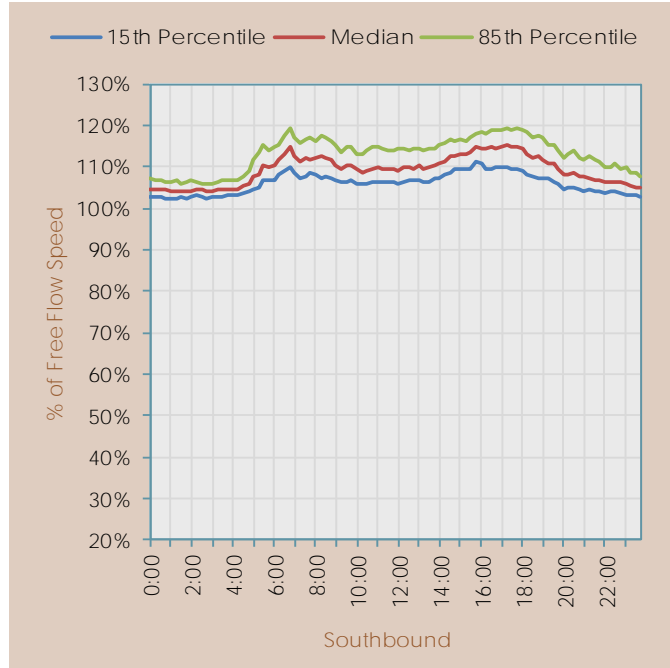


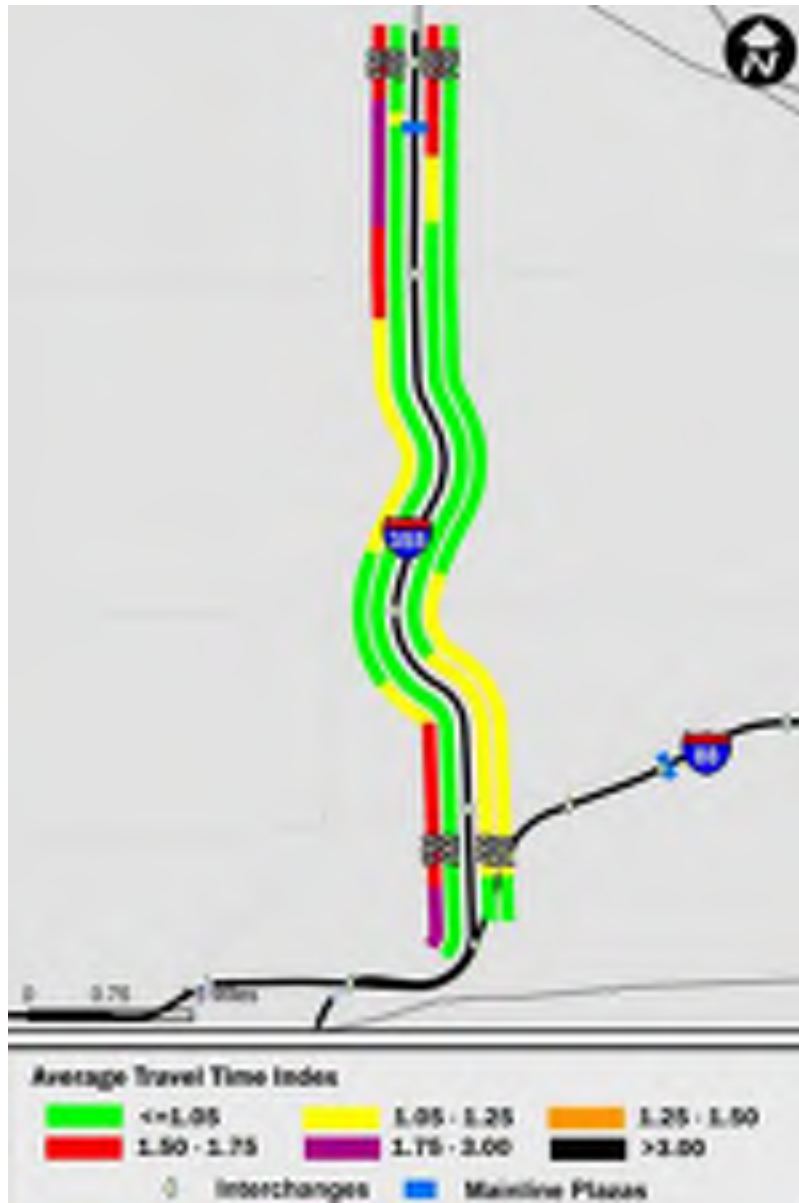
## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, SOUTHERN SECTION

**FIGURE 5-Z**



**FIGURE 5-AA**

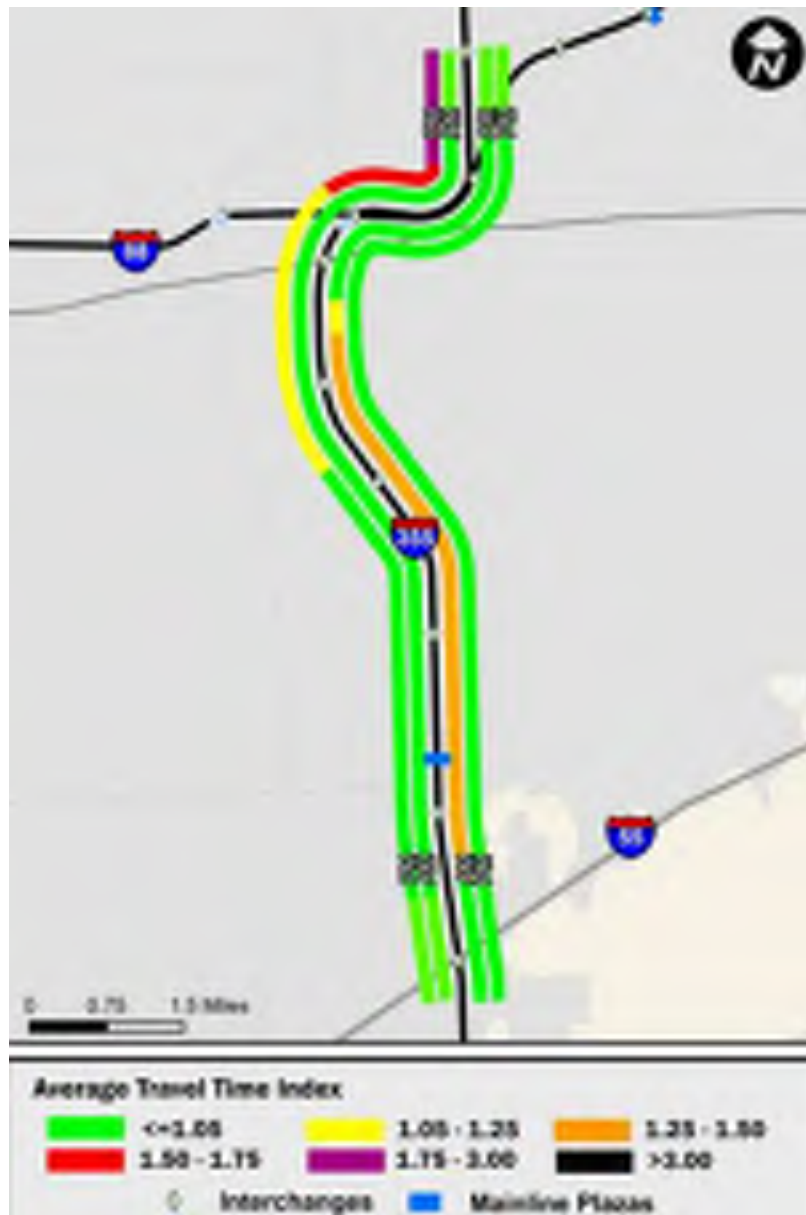




Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	January -March	60	59	1.00	1.02	1.17	1.37	0.9	1.2	223	310	19	23
2	April-June	55	46	1.09	1.30	1.24	1.56	2.4	5.7	636	1,472	32	54
3	July-September	56	48	1.08	1.25	1.35	1.40	2.2	4.8	572	1,251	28	53
4	October-December	55	50	1.08	1.19	1.72	1.56	2.2	3.9	540	966	33	45
Total	2017 Entire Year	57	51	1.06	1.19	1.37	1.47	1.9	3.9	493	1,000	28	44

Data source: INRIX. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

FIGURE 5-AB: ROADWAY PERFORMANCE MEASURES—NORTHERN SECTION



Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	January -March	57	60	1.04	0.99	1.25	1.31	1.9	1.0	522	288	21	19
2	April-June	55	56	1.09	1.07	1.13	1.18	2.6	2.3	749	732	25	31
3	July-September	54	56	1.10	1.07	1.33	1.55	3.0	2.4	868	775	25	31
4	October-December	53	56	1.13	1.07	1.23	1.30	3.3	2.1	895	641	23	30
Total	2017 Entire Year	55	57	1.09	1.05	1.24	1.33	2.7	1.9	759	609	24	28

Data source: INRIX. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

FIGURE 5-AC: ROADWAY PERFORMANCE MEASURES—CENTRAL SECTION



Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1	January -March	66	67	0.90	0.90	0.93	0.93	0.2	0.0	29	5	3	1
2	April-June	68	68	0.88	0.88	0.94	0.88	0.0	0.0	7	4	1	0
3	July-September	68	70	0.88	0.86	0.92	0.95	0.1	0.0	16	1	2	0
4	October-December	67	68	0.90	0.89	0.92	0.92	0.2	0.0	42	8	3	2
Total	2017 Entire Year	67	68	0.89	0.88	0.93	0.92	0.1	0.0	23	5	2	1

Data source: INRIX. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

FIGURE 5-AD: ROADWAY PERFORMANCE MEASURES—SOUTHERN SECTION

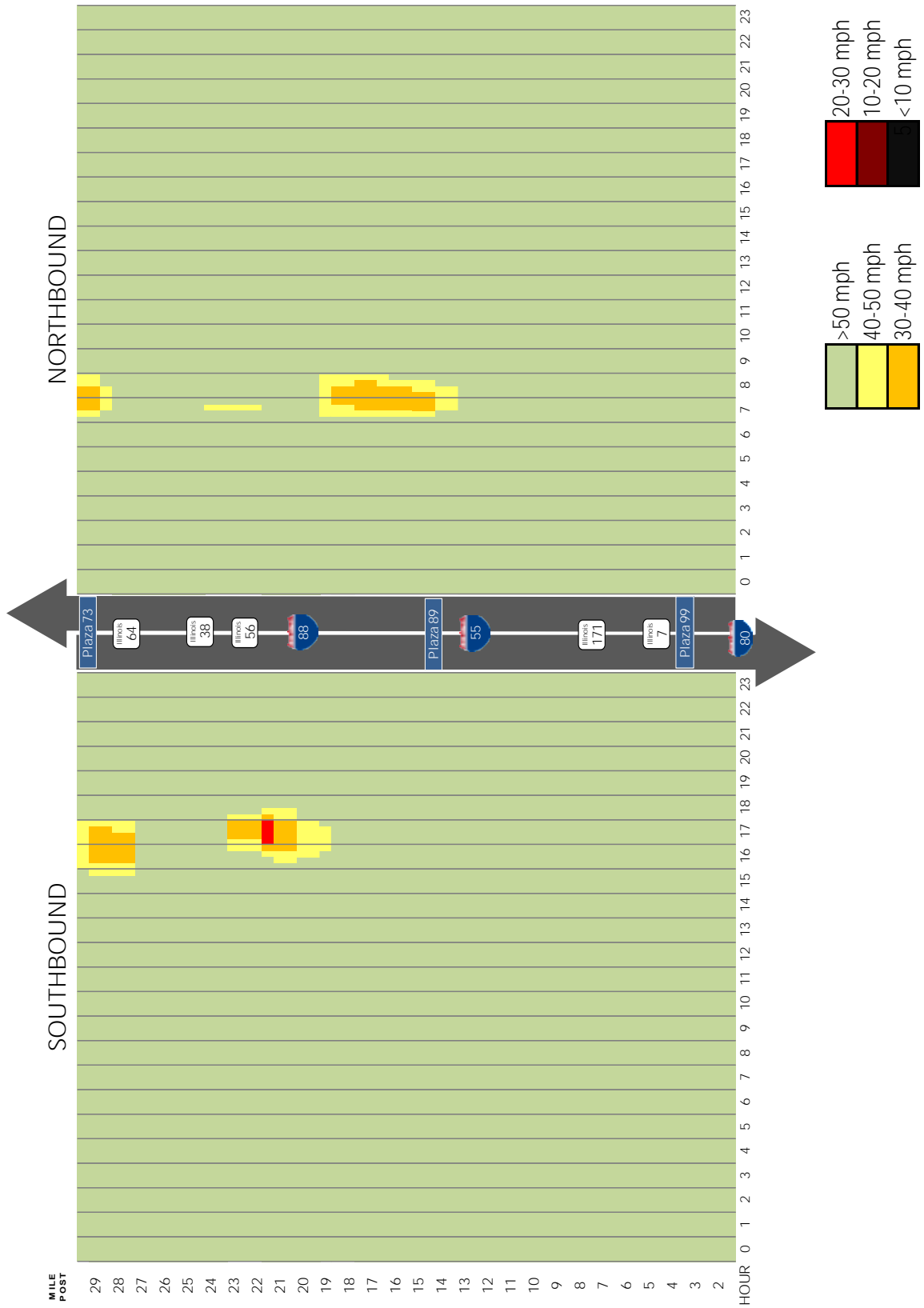


FIGURE 5-AE: AVERAGE SPEED CONTOURS, MP 1.5 TO 29.5



## **Section 6**

# **Illinois Route 390 Tollway**







## SECTION 6

### Illinois Route 390 Tollway

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**TABLE 6-A: AVERAGE DAILY TRAFFIC VOLUMES\* BETWEEN INTERCHANGES 2016-2017 (WESTBOUND)**

Location	Mile Post	Miles Btwn. Int.	ADT 2016	Average Annual Percent Change	ADT 2017
Busse Rd (IL 83)	15.8				
Toll Plaza 320		1.0			4,680
Wood Dale Road	14.8				
Toll Plaza 322		1.0			9,260
Prospect Ave	13.8				
Toll Plaza 324		0.5			11,270
Ketter Drive	13.3				
		0.8			15,840
I-290 (Eisenhower)	12.5				
		0.4	6,730	-41.3	3,950
Rohlwing Rd	12.1				
		0.9	31,140	-3.0	30,210
Meacham Road	11.2				
Toll Plaza 326		1.8	28,210	-0.4	28,100
Roselle Road	9.4				
Toll Plaza 328		1.1	27,110	-0.3	27,040
Wright Boulevard	8.3				
		0.7	24,520	-0.4	24,420
Irving Park Road (IL 19)	7.6				
		0.2	18,170	-1.0	17,990
Springinsguth Rd	7.4				
		0.3	13,170	-1.9	12,920
Gary Avenue	7.1				
Toll Plaza 330		1.1	14,070	-1.8	13,810
Lake Street (US 20)	6.0				

\*Toll collection on Illinois Route 390 began July 5, 2016 for segments west of I-290 and on November 1, 2017 for segments east of I-290. Volumes shown are during tolled periods only.



**TABLE 6-B: AVERAGE DAILY TRAFFIC VOLUMES\* BETWEEN INTERCHANGES 2016-2017 (EASTBOUND)**

Location	Mile Post	Miles Btwn. Int.	ADT 2016	Average Annual Percent Change	ADT 2017
Busse Rd (IL 83)	15.8				
Toll Plaza 320		1.0			6,470
Wood Dale Road	14.8				
Toll Plaza 322		1.0			10,940
Prospect Ave	13.8				
		0.5			11,050
Ketter Drive	13.3				
Toll Plaza 324		0.8			11,050
I-290 (Eisenhower)	12.5				
		0.4	6,930	-51.1	3,390
Rohlwing Rd	12.1				
		0.9	26,420	-2.9	25,650
Meacham Road	11.2				
Toll Plaza 326		1.8	29,590	-1.1	29,270
Roselle Road	9.4				
Toll Plaza 328		1.8	27,940	-1.1	27,630
Wright Boulevard	7.6				
		0.2	25,400	-1.4	25,050
Irving Park Road (IL 19)	7.4				
		0.3	19,170	-2.3	18,730
Springinsouth Rd	7.1				
		0.9	14,400	-3.6	13,880
Gary Avenue	6.2				
Toll Plaza 330		0.2	15,290	-3.5	14,750
Lake Street (US 20)	6.0				

\*Toll collection on Illinois Route 390 began July 5, 2016 for segments west of I-290 and on November 1, 2017 for segments east of I-290. Volumes shown are during tolled periods only.



**TABLE 6-C: GENERAL STATISTICS FOR MAINLINE PLAZAS  
(Vehicles/Hour)**

Mainline Plaza	Dir.	30th HV	Period	Mean	Med.	Max.	Min.	Std. Dev.	85th %
320 Lively Boulevard	EB	899	AM Peak	818	798	1,049	673	140	950
			PM Peak	399	398	508	310	37	430
			OFF Peak	273	234	940	13	205	447
			Weekend	217	180	950	26	168	399
			Holidays	201	181	827	31	151	310
	WB	863	AM Peak	183	173	269	126	46	239
			PM Peak	835	845	1,064	694	128	973
			OFF Peak	196	172	716	10	151	354
			Weekend	145	106	1,004	8	146	224
			Holidays	137	113	745	15	133	222
322 Mittel Drive	EB	1,702	AM Peak	1,505	1,405	1,885	1,269	267	1,785
			PM Peak	619	621	710	562	48	666
			OFF Peak	475	372	1,682	29	376	800
			Weekend	350	278	1,799	39	304	658
			Holidays	316	273	1,569	47	273	484
	WB	1,683	AM Peak	394	346	534	228	100	504
			PM Peak	1,630	1,676	1,872	1,362	190	1,769
			OFF Peak	398	318	1,302	23	318	714
			Weekend	277	195	1,751	20	289	452
			Holidays	252	184	1,447	20	262	443
324 Hamilton Lakes Boulevard	EB	1,632	AM Peak	1,461	1,366	1,845	720	272	1,749
			PM Peak	621	620	713	486	44	672
			OFF Peak	469	395	1,668	12	366	760
			Weekend	372	311	1,771	38	331	654
			Holidays	343	307	1,535	45	269	510
	WB	1,881	AM Peak	522	480	681	389	119	646
			PM Peak	1,821	1,866	2,095	1,518	195	1,959
			OFF Peak	473	384	1,446	28	361	827
			Weekend	356	276	1,988	28	330	594
			Holidays	327	257	1,657	27	303	564

(cont'd)



**TABLE 6-C: GENERAL STATISTICS FOR MAINLINE PLAZAS  
(Vehicles/Hour)**

Mainline Plaza	Dir.	30th HV	Period	Mean	Med.	Max.	Min.	Std. Dev.	85th %
326 Plum Grove Road	EB	4,236	AM Peak	3,465	3,335	4,486	1,545	617	4,083
			PM Peak	1,624	1,632	1,970	1,295	125	1,755
			OFF Peak	1,056	1,100	3,852	69	799	1,694
			Weekend	1,093	1,095	4,157	91	727	1,716
			Holidays	990	948	3,812	93	706	1,686
	WB	4,108	AM Peak	1,096	1,061	1,442	694	184	1,309
			PM Peak	3,704	3,712	4,212	2,862	298	4,004
			OFF Peak	1,017	1,084	3,011	68	719	1,766
			Weekend	1,049	1,042	3,935	81	724	1,628
			Holidays	959	934	3,410	84	718	1,527
328 Mitchell Boulevard	EB	4,053	AM Peak	3,288	3,155	4,290	1,468	532	3,899
			PM Peak	1,602	1,601	1,938	1,245	125	1,733
			OFF Peak	986	1,041	3,583	42	740	1,579
			Weekend	1,029	1,033	4,018	88	688	1,620
			Holidays	933	895	3,634	92	667	1,589
	WB	4,110	AM Peak	1,060	984	1,431	618	212	1,299
			PM Peak	3,647	3,647	4,263	2,066	324	3,994
			OFF Peak	969	1,019	3,505	66	689	1,660
			Weekend	1,006	994	3,939	94	706	1,561
			Holidays	921	878	3,409	75	698	1,443
330 Lake Street	EB	2,259	AM Peak	1,887	1,864	2,458	833	278	2,202
			PM Peak	765	760	1,034	579	78	844
			OFF Peak	518	496	2,153	28	407	873
			Weekend	551	544	2,273	44	376	856
			Holidays	505	483	2,342	49	374	825
	WB	2,332	AM Peak	457	464	657	196	73	534
			PM Peak	2,023	2,027	2,586	1,008	238	2,259
			OFF Peak	482	476	1,664	31	361	841
			Weekend	514	498	2,213	45	379	797
			Holidays	479	444	1,987	31	388	750

AM Peak = Weekday 6:00 AM To 8:00 AM Except Fridays  
 PM Peak = Weekday 4:00 PM To 6:00 PM Except Fridays  
 OFF Peak = Weekdays Except Fridays and AM and PM Peak Periods  
 Weekend = Fridays, Saturdays, and Sundays  
 Holidays = See Page 1-6 for a list of Holidays.



**TABLE 6-D: INDEXED MONTHLY VARIATION BY MAINLINE PLAZA**

Month	Lively Boulevard	Mittel Drive	Hamilton Lakes Boulevard	Plum Grove Road	Mitchell Boulevard	Lake Street
January				0.88	0.88	0.87
February				0.94	0.94	0.92
March				0.96	0.96	0.94
April				0.98	0.98	0.96
May				1.03	1.03	1.03
June				1.07	1.07	1.09
July				1.01	1.01	1.02
August				1.08	1.08	1.12
September				1.05	1.05	1.06
October				1.03	1.04	1.04
November	1.00	1.01	1.01	1.00	1.01	1.00
December	1.00	0.99	0.99	0.96	0.96	0.94

IL 390 eastern section opened to tolling on 11/1/17.

**TABLE 6-E: INDEXED DAILY VARIATION BY MAINLINE PLAZA**

Month	Day	Lively Boulevard	Mittel Drive	Hamilton Lakes Boulevard	Plum Grove Road	Mitchell Boulevard	Lake Street
August	Monday				1.08	1.09	1.12
	Tuesday				1.07	1.08	1.11
	Wednesday				1.06	1.07	1.11
	Thursday				1.06	1.06	1.10
	Friday				1.05	1.06	1.11
	Saturday				1.08	1.08	1.11
	Sunday				1.04	1.05	1.05
December	Monday	0.94	0.91	0.92	0.96	0.95	0.96
	Tuesday	0.99	0.97	0.97	0.95	0.95	0.93
	Wednesday	1.06	1.04	1.05	0.97	0.97	0.95
	Thursday	1.08	1.07	1.06	0.98	0.97	0.96
	Friday	1.05	1.04	1.03	0.97	0.97	0.96
	Saturday	1.00	0.99	0.98	0.97	0.97	0.96
	Sunday	0.99	0.98	0.98	0.96	0.96	0.95

Table 6-E includes Monthly Variation; IL 390 eastern section opened to tolling on 11/1/17.



**TABLE 6-F: ANNUAL TOTAL TRANSACTIONS BY TOLL PLAZA**

Plaza	Plaza Code*	2016**	2017	Percentage Change
320 Lively Boulevard	M		680,177	
322 Mittel Drive	M		1,231,795	
324 Hamilton Lakes Boulevard	M		1,361,920	
325 Ketter Drive	E		278,637	
326 Plum Grove Road	M	10,405,766	20,942,108	101.3%
328 Mitchell Boulevard	M	9,910,149	19,953,488	101.3%
330 Lake Street	M	5,285,292	10,421,855	97.2%
<b>IL Route 390 Total</b>		<b>25,601,207</b>	<b>54,869,980</b>	

\* M=Mainline / R=Ramp / A=Attended Ramp Plaza / E=Electronic Toll Collection Only Ramp  
 1=Toll Collected in One Direction Only

\*\* 2016 was a leap year

Plazas 320-325 opened November 2017. Plazas 326-330 opened July 2016.

**TABLE 6-G: AVERAGE DAILY TRAFFIC DATA**

Year	Average Daily Total			Average Trip
	Vehicles	Vehicle Miles	Transactions	Length (Miles)
2016	72,360	312,926	142,229	4.32
2017	98,970	365,800	198,834	3.70



FIGURE 6-B

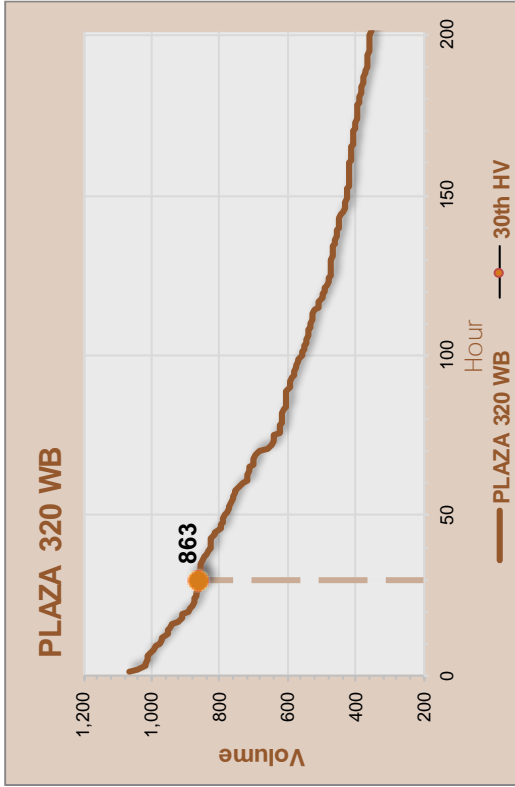


FIGURE 6-D

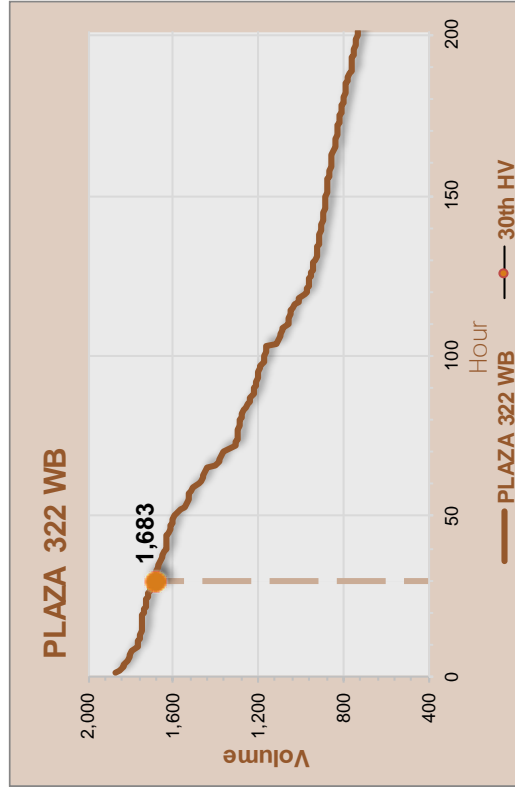


FIGURE 6-A

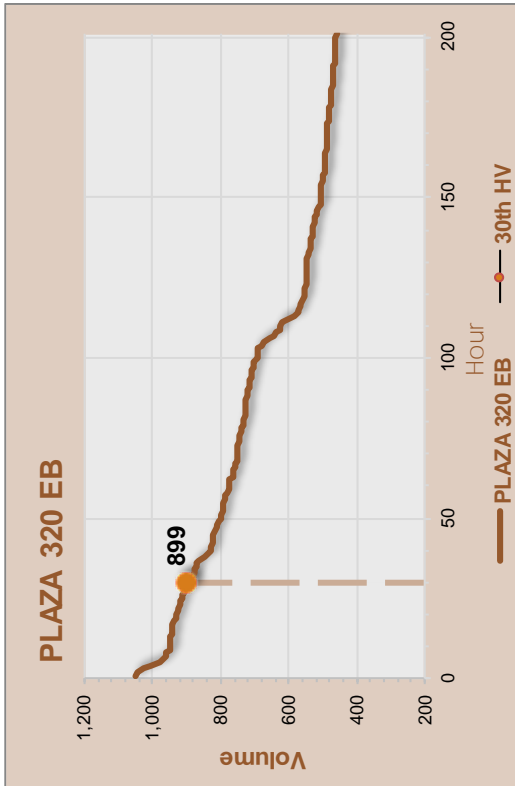
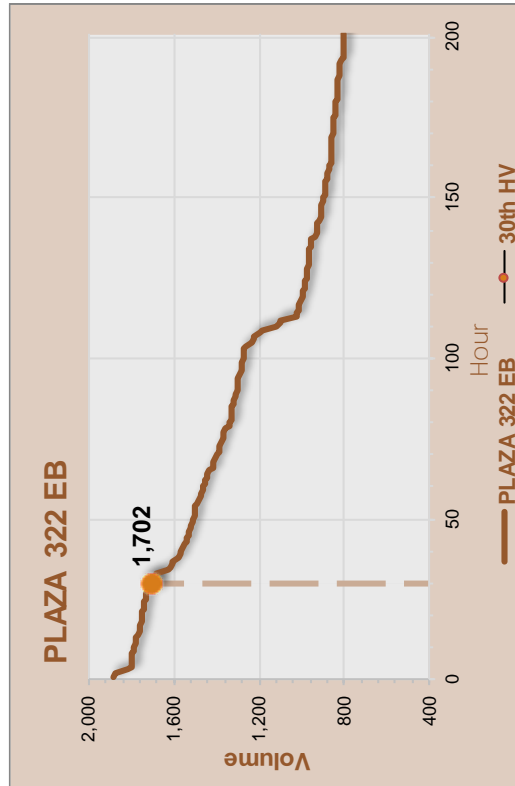


FIGURE 6-C



MAINLINE PLAZA HIGHEST HOURLY VOLUME





FIGURE 6-F

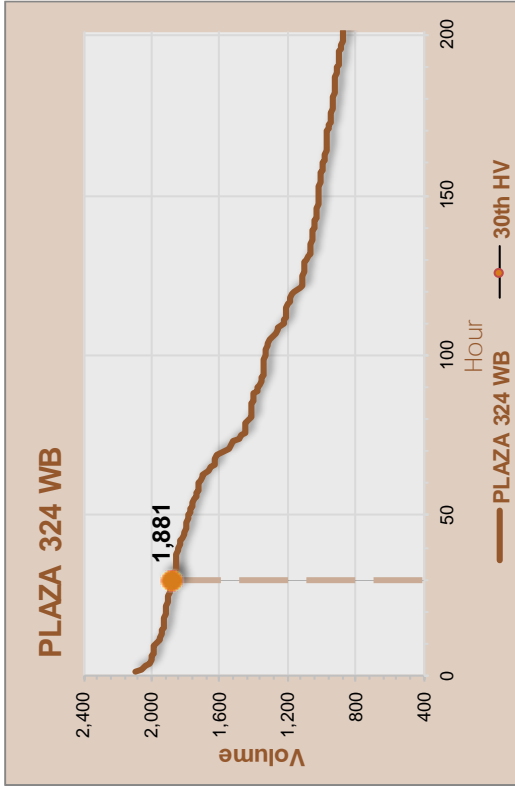


FIGURE 6-H

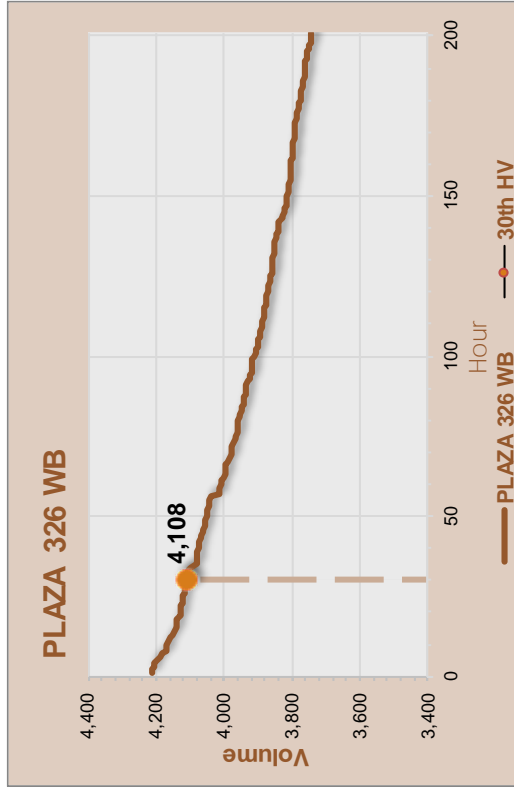


FIGURE 6-E

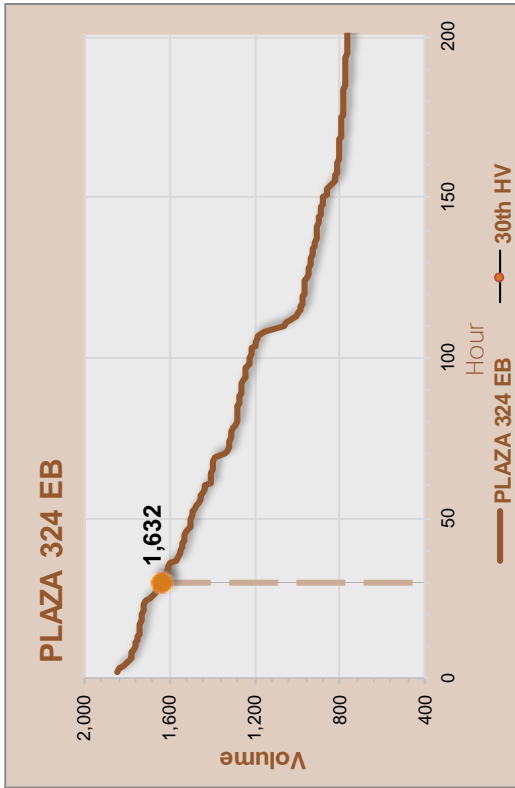
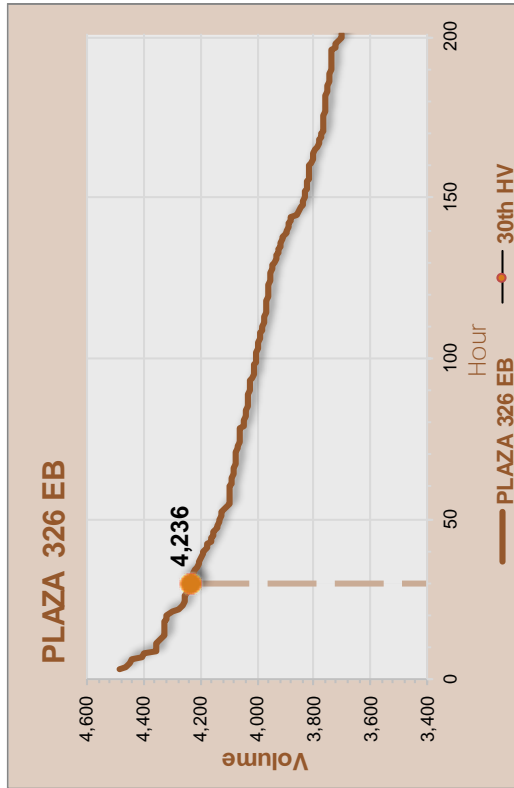


FIGURE 6-G



MAINLINE PLAZA HIGHEST HOURLY VOLUME



FIGURE 6-J

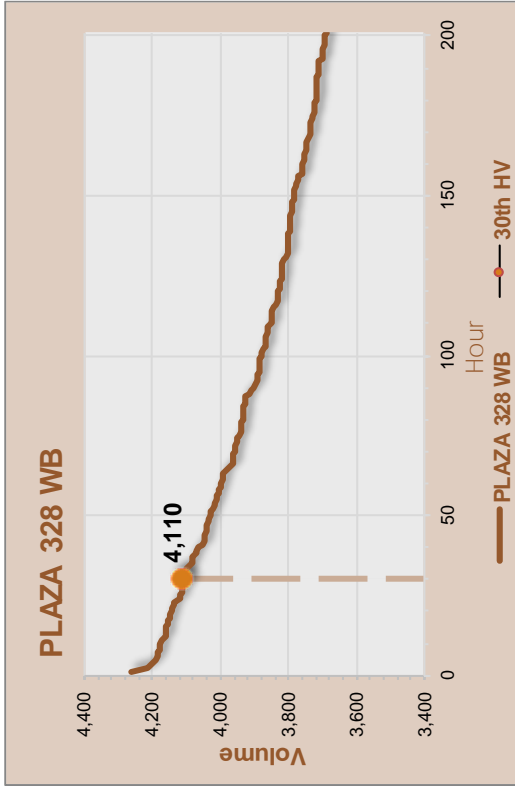


FIGURE 6-L

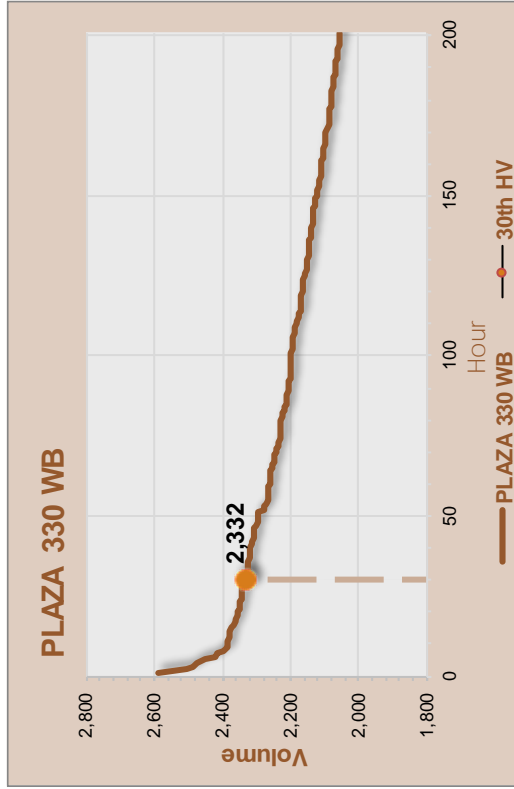


FIGURE 6-I

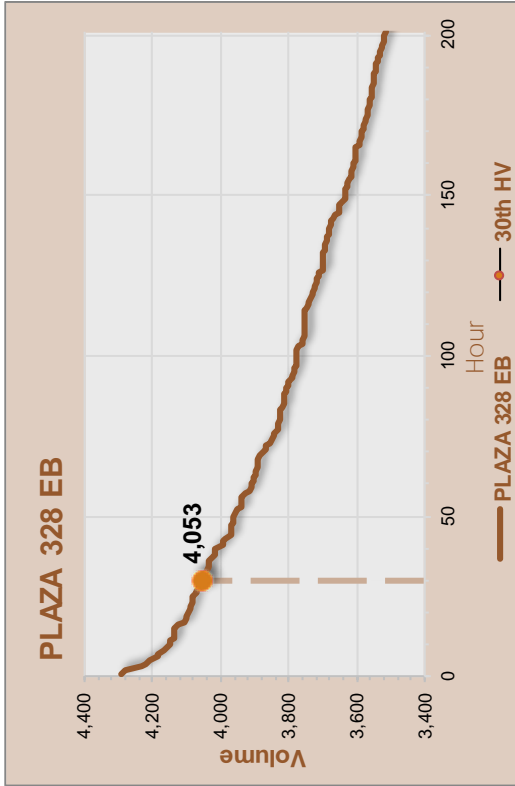
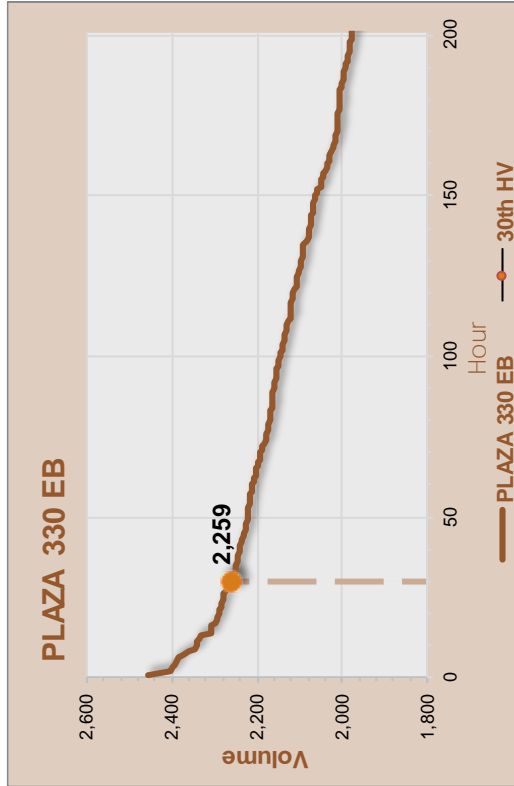


FIGURE 6-K

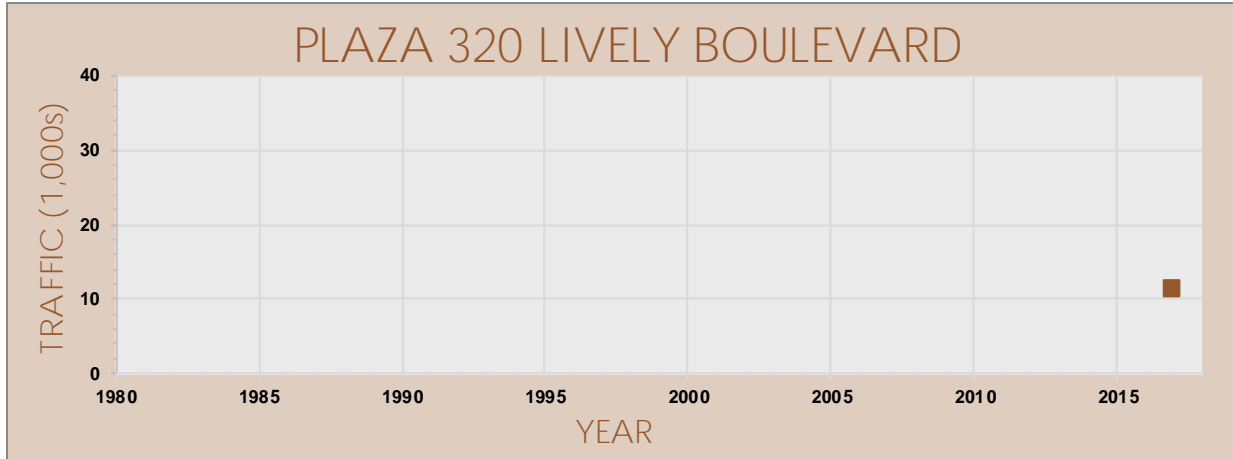


MAINLINE PLAZA HIGHEST HOURLY VOLUME



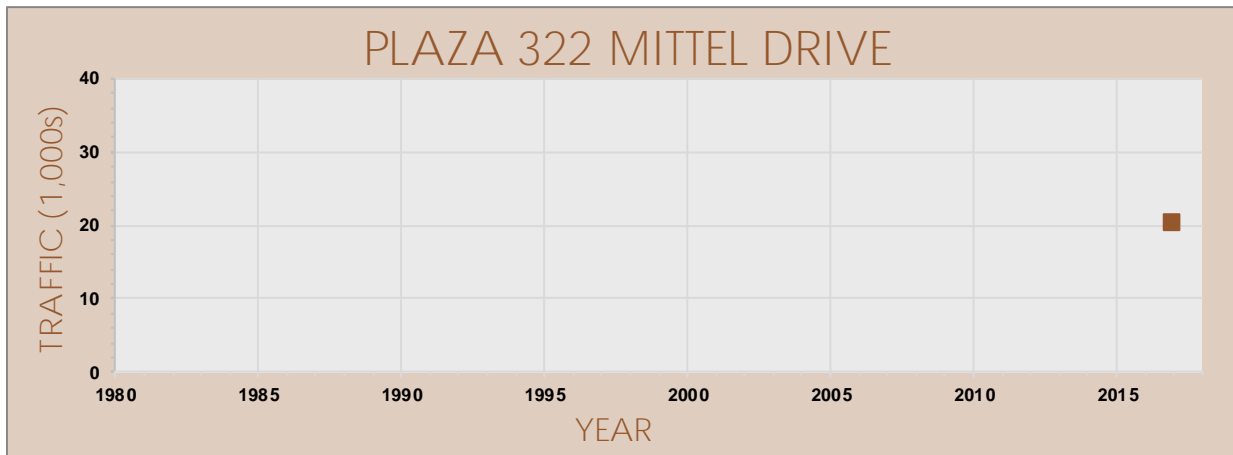
**FIGURE 6-M**

Plaza 320 opened in November 2017.



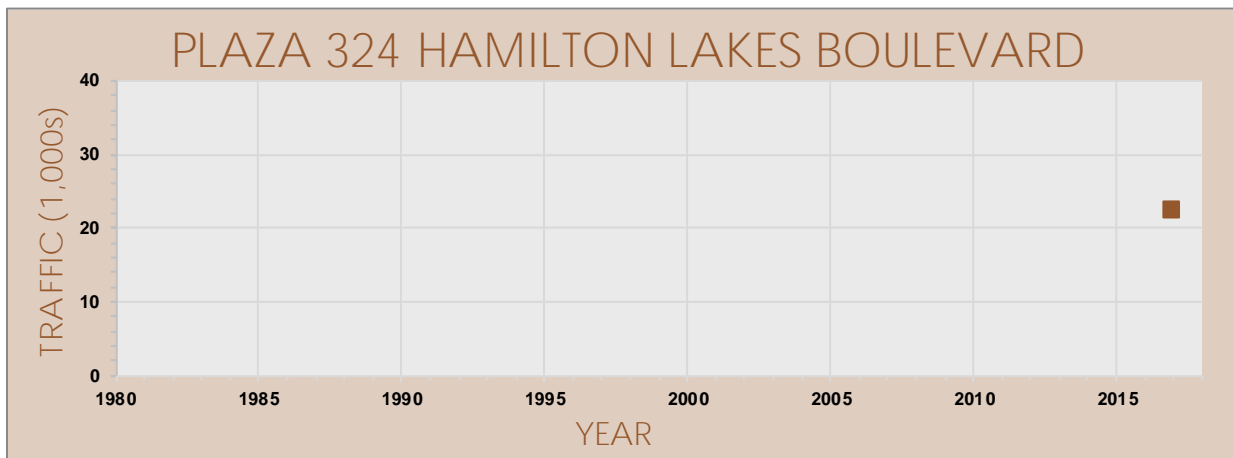
**FIGURE 6-N**

Plaza 322 opened in November 2017.



**FIGURE 6-O**

Plaza 324 opened in November 2017.

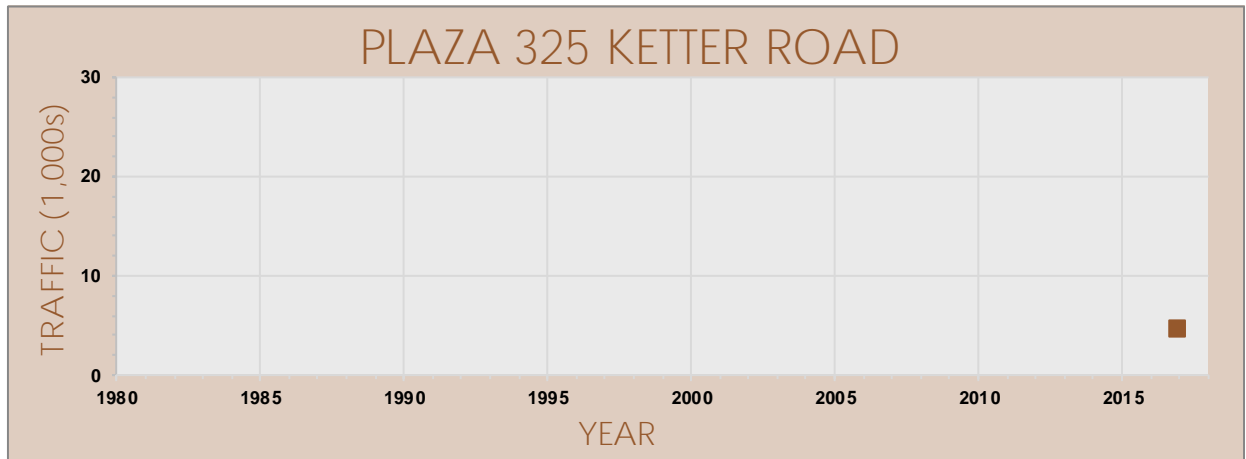


## AVERAGE DAILY TRAFFIC TRENDS



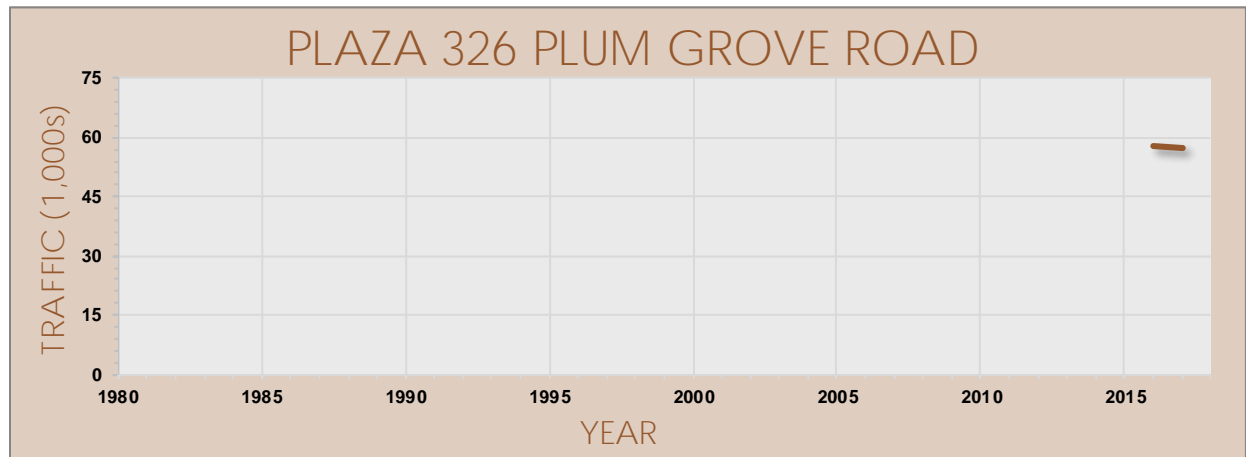
**FIGURE 6-P**

Plaza 325 opened in November 2017.



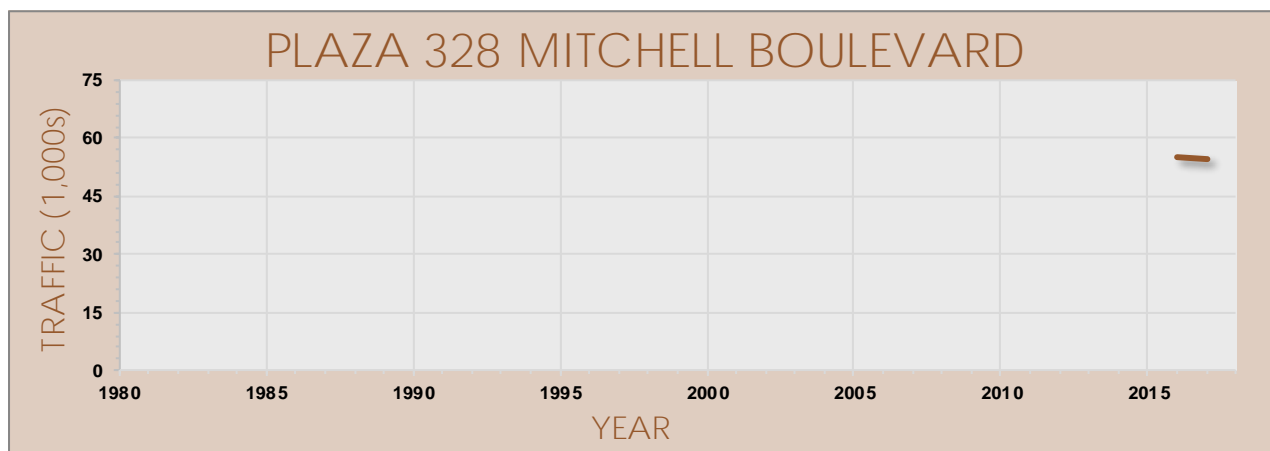
**FIGURE 6-Q**

Plaza 326 opened in July 2016.



**FIGURE 6-R**

Plaza 328 opened in July 2016.

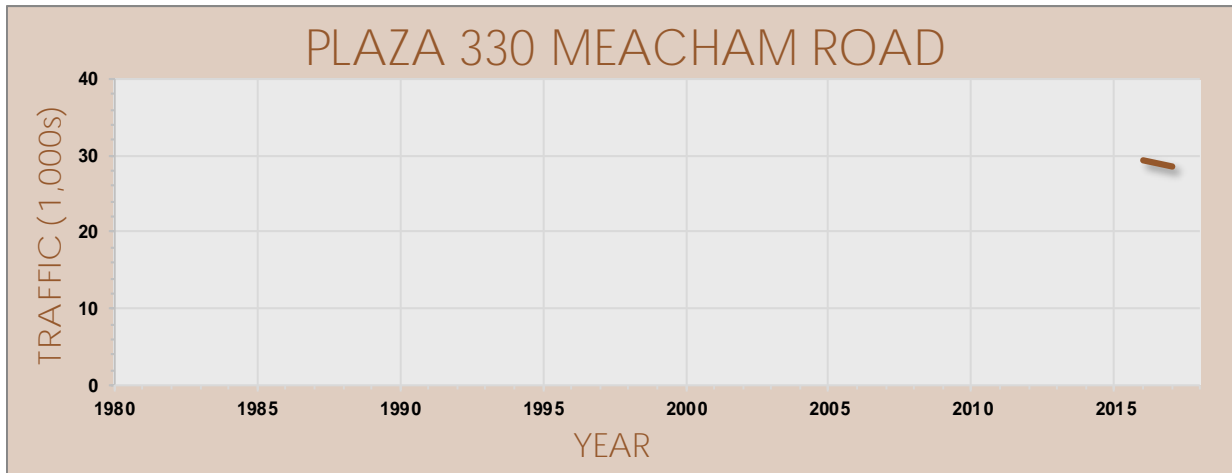


## AVERAGE DAILY TRAFFIC TRENDS



**FIGURE 6-S**

Plaza 330 opened in July 2016.

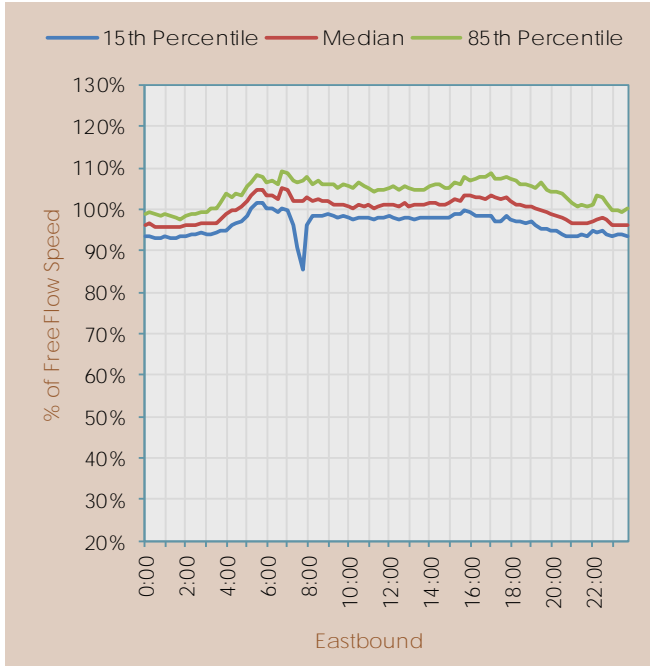


**AVERAGE DAILY TRAFFIC TRENDS**

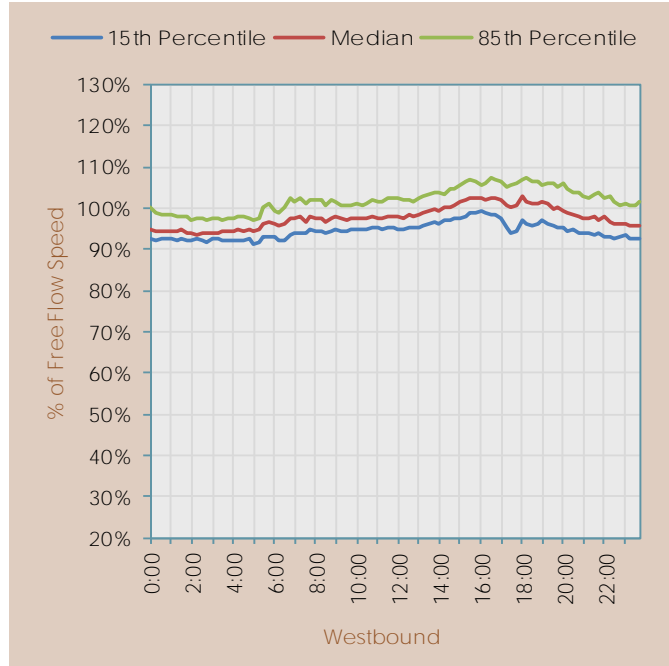


## AVERAGE WEEKDAY SPEED DISTRIBUTIONS, WESTERN SECTION

**FIGURE 6-J**



**FIGURE 6-K**





Quarter	Range	Average Speed (mph)		Average Travel Time Index		Planning Time Index		Total Delay (veh-hrs / 1000 VMT)		Average Daily Delay (veh-hrs)		Percent Congested Travel	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
Western Section													
1	January - March	60	61	0.99	0.98	1.07	1.08	0.5	0.3	32	22	37	29
2	April - June	61	62	0.98	0.97	1.04	1.00	0.3	0.3	21	25	30	20
3	July - September	61	63	0.99	0.96	1.03	1.10	0.6	0.3	40	23	25	14
4	October - December	60	62	1.00	0.97	1.03	1.02	0.7	0.3	48	24	29	22
Total	2017 Entire Year	61	62	0.99	0.97	1.04	1.05	0.5	0.3	35	23	30	21
Eastern Section													
1	January - March	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	April - June	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	July - September	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	October - December	68	64	0.89	0.93	0.98	1.08	0.2	0.4	4	8	9	27
Total	2017 Entire Year	68	64	0.89	0.93	0.98	1.08	0.2	0.4	4	8	9	27

IL 390 opened for revenue operations on November 1st, 2017. Data source: Western INRIX, Eastern I-PASS. Roadway performance measures sections and terms are defined on pages 1-4 and 1-5.

FIGURE 6-L: ROADWAY PERFORMANCE MEASURES

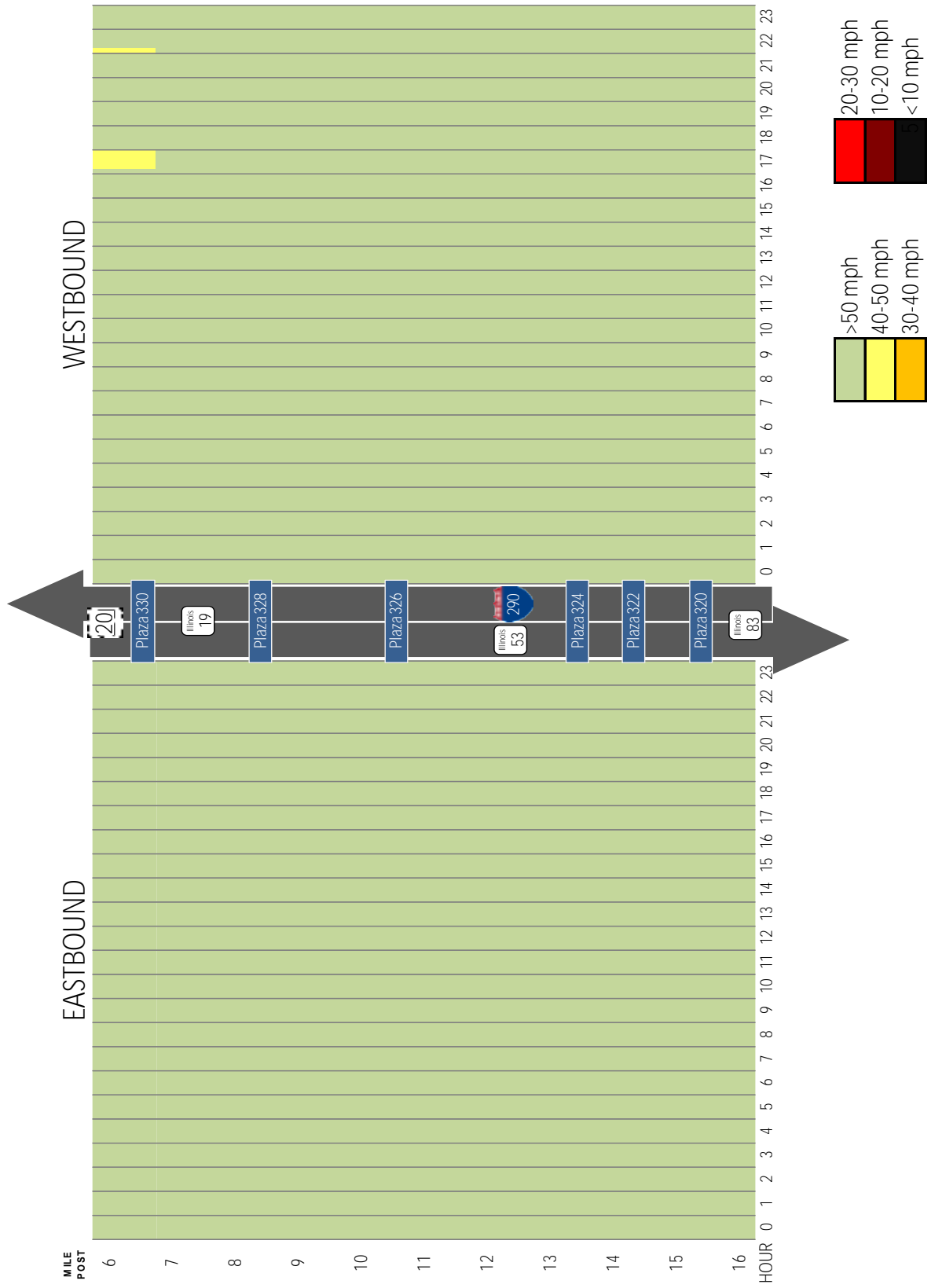
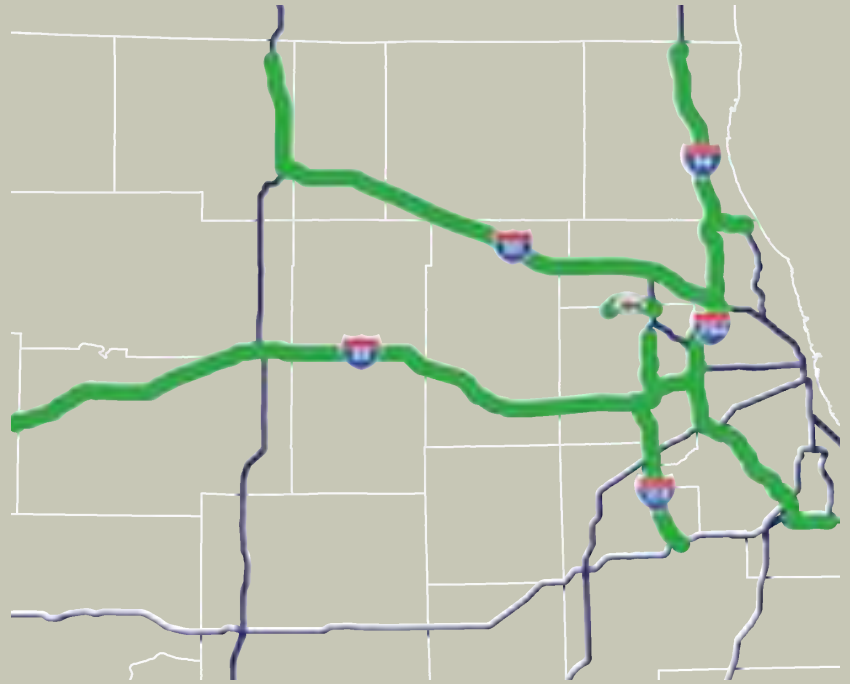


FIGURE 6-M: AVERAGE SPEED CONTOURS, MP 5.9 TO 15.8



Section 7

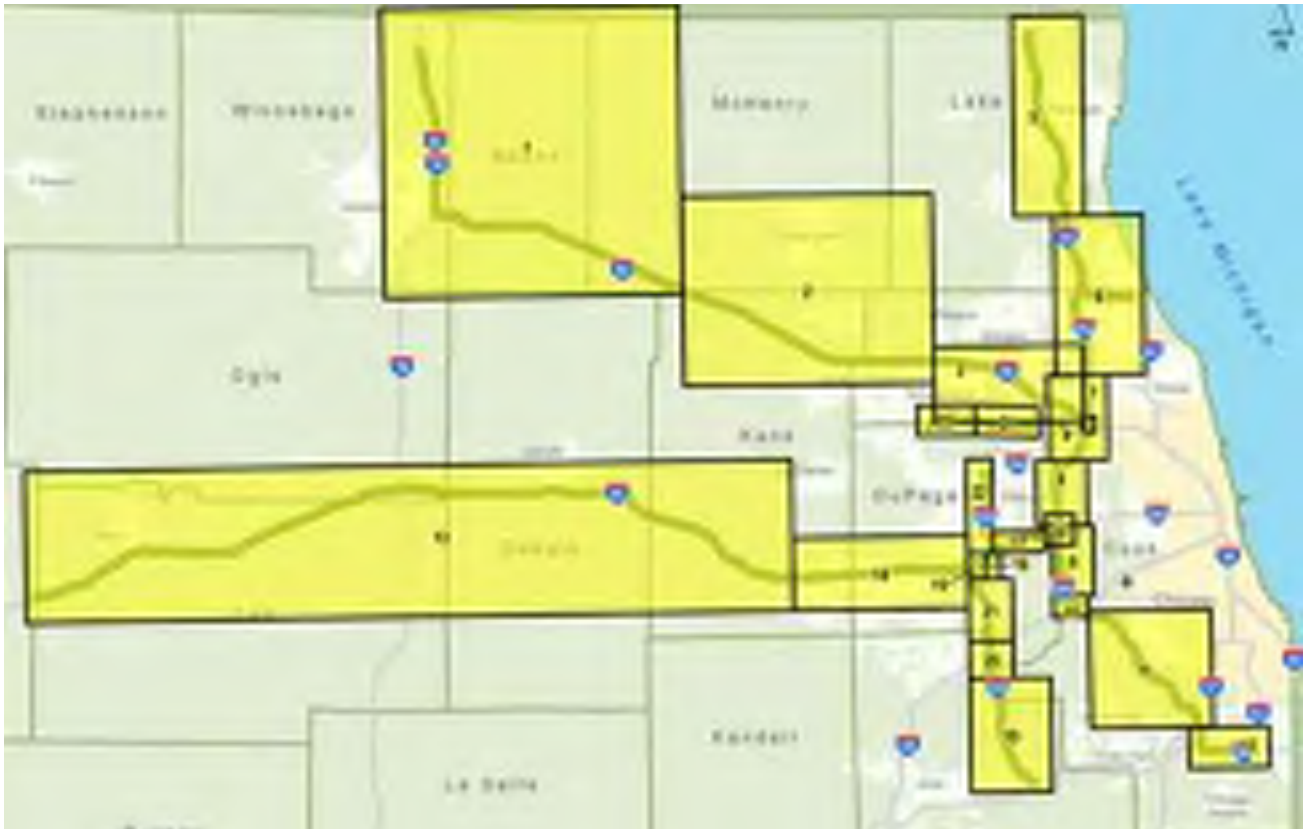
# Appendices







## PAGE NUMBERS FOR TOLLWAY SCHEMATICS, APPENDICES A TO C



### Jane Addams Memorial Tollway

- 1 – From Rockton Road to Marengo (Plaza 7)
- 2 – From U.S. Route 20, Marengo to Barrington Road
- 3 – From Roselle Road to Devon Avenue
- 4 – From Tri-State Tollway to Kennedy Expressway

### Tri-State Tollway

- 5 – From Russell Road to Lake Forest Oasis
- 6 – From Town Line Road (Illinois 60) to Golf Road (Illinois 58) and Edens Spur
- 7 – From Dempster Street to O'Hare Oasis
- 8 – From North Avenue / Lake Street to Reagan Memorial Tollway (I-88)
- 9 – From Roosevelt Road to Hinsdale Oasis
- 10 – From Joliet Road (Plaza 37) to Willow Springs Road (Plaza 34)
- 11 – From Archer / La Grange / 79<sup>th</sup> Street to I-57
- 12 – From 159th Street (Plaza 40) to Bishop Ford / Kingery Expressway

### Reagan Memorial Tollway

- 13 – From Illinois Route 26 to Orchard Road
- 14 – From Illinois Route 31 to Illinois Route 53
- 15 – Veterans Memorial Tollway West Interchange
- 16 – Veterans Memorial Tollway East Interchange
- 17 – From Highland Avenue to Harger Road
- 18 – From Roosevelt Road to Eisenhower Expressway (I-290)

### Veterans Memorial Tollway

- 19 – From Interstate 80 to 127th Street
- 20 – At Interstate 55
- 21 – From Boughton Road To Maple Avenue
- 22 – From Ogden Avenue / West Interchange to Army Trail Road

### Illinois Route 390 Tollway

- 23 – From Lake Street to Plum Grove Road (Plaza 326)
- 24 – From Plum Grove Road (Plaza 326) to Busse Road (Illinois 83)



Appendix A

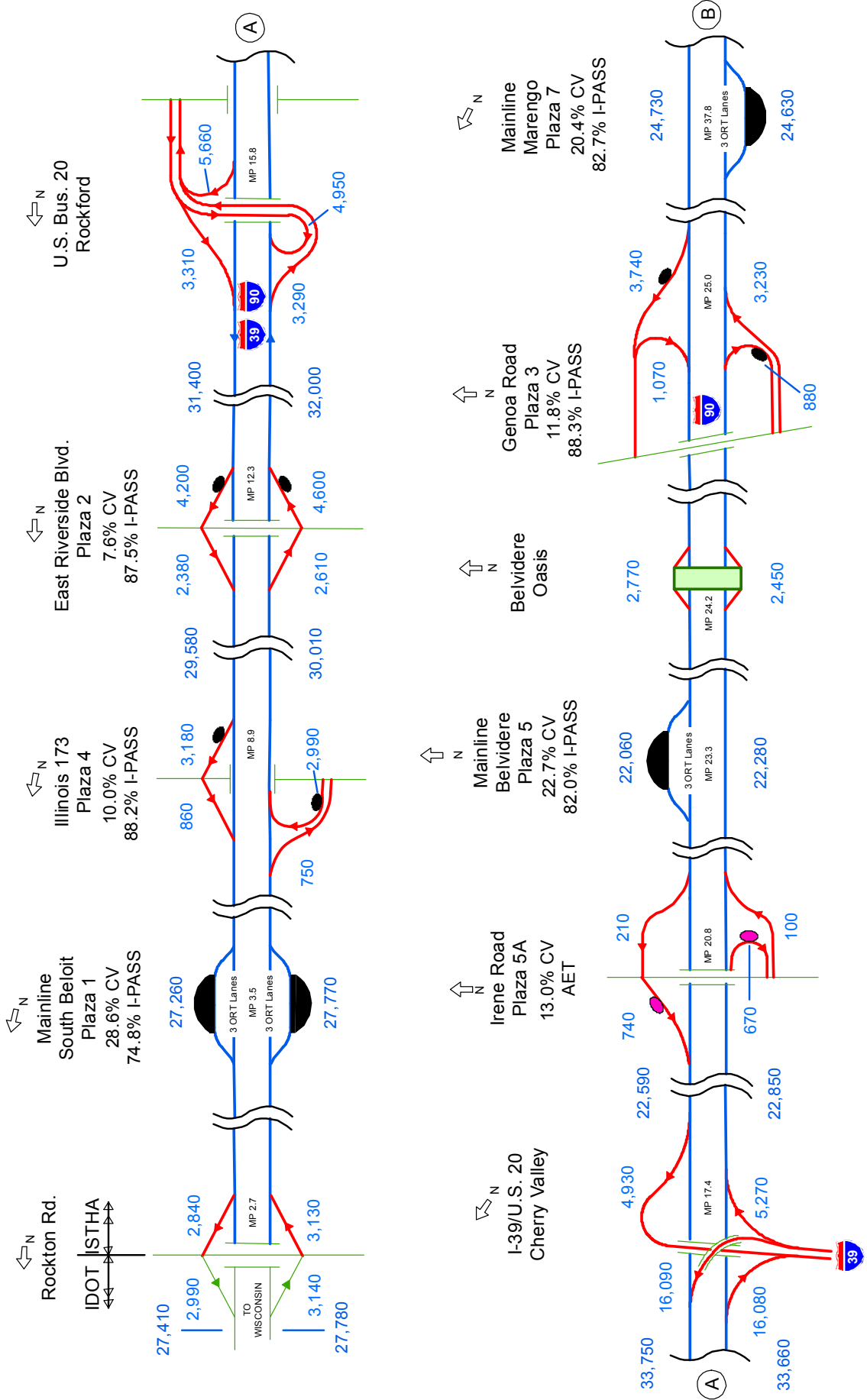
2017 Systemwide  
Annual Average  
Daily Traffic Schematics





# 2017 Annual Average Daily Traffic

On Jane Addams Memorial Tollway, from Rockton Road to Marengo (Plaza 7)

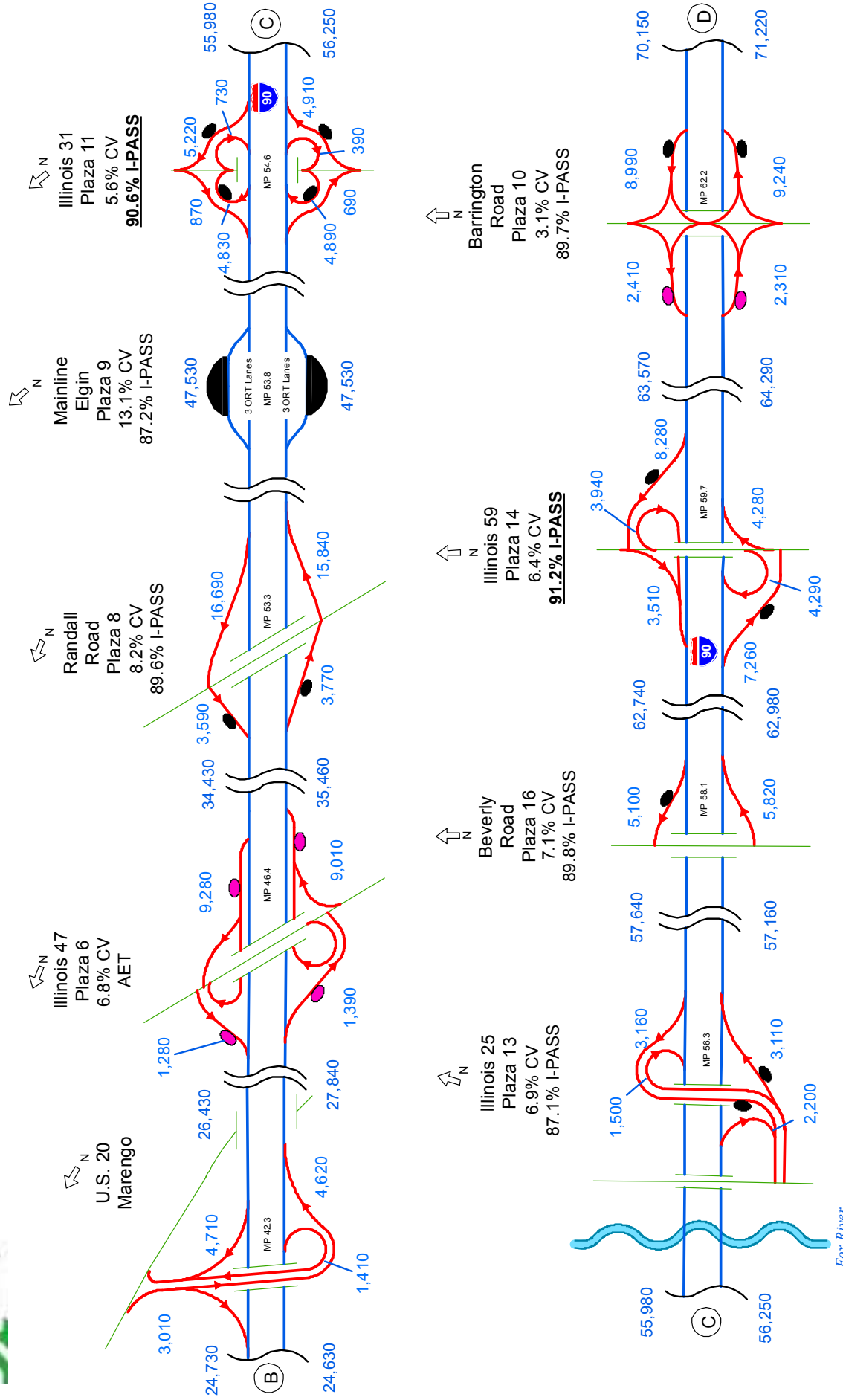


CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling



# 2017 Annual Average Daily Traffic

On Jane Addams Memorial Tollway, from U.S. 20, Marengo to Barrington Road



CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling

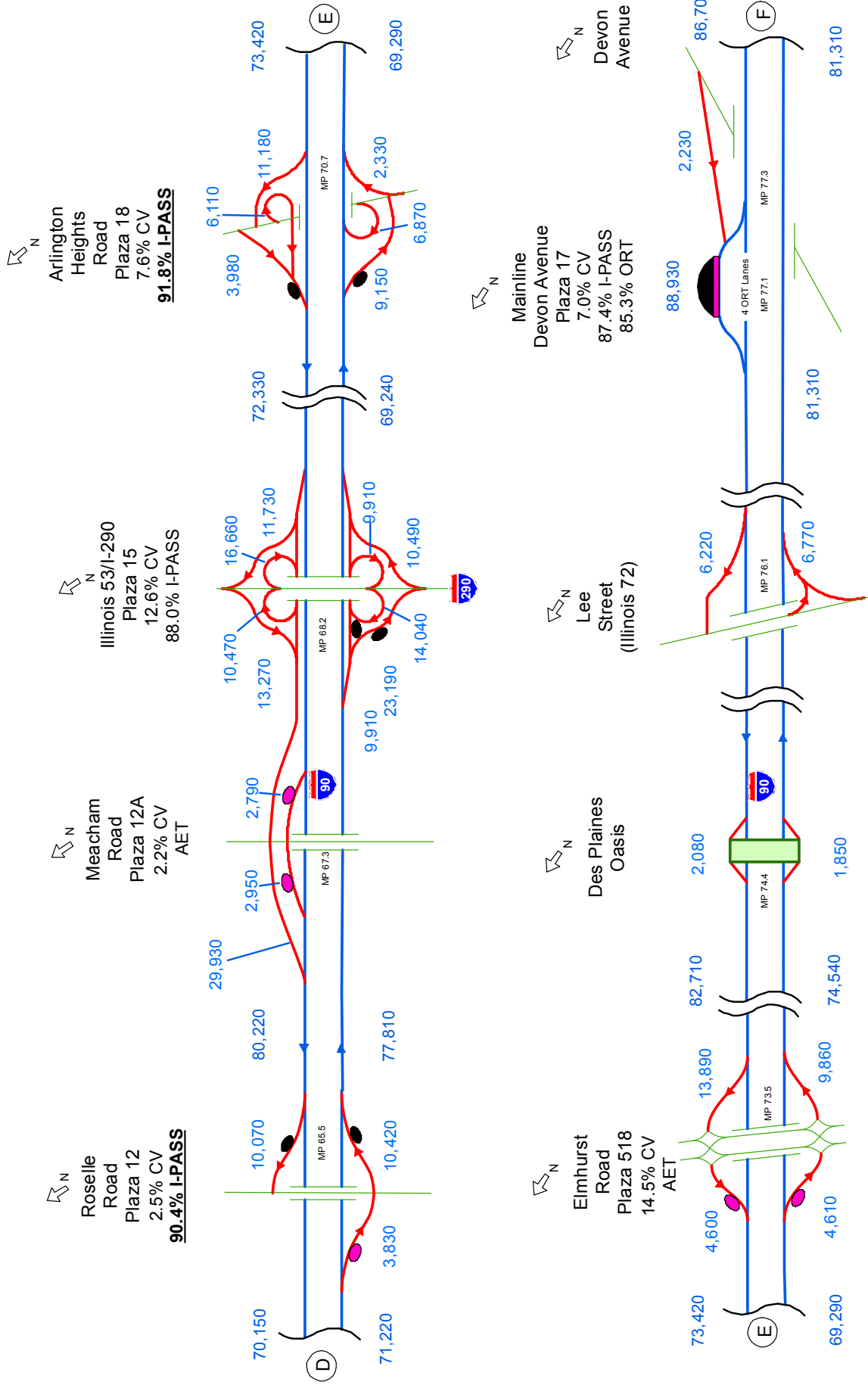






# 2017 Annual Average Daily Traffic

On Jane Addams Memorial Tollway, from Roselle Road to Devon Avenue



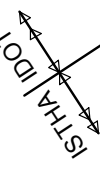
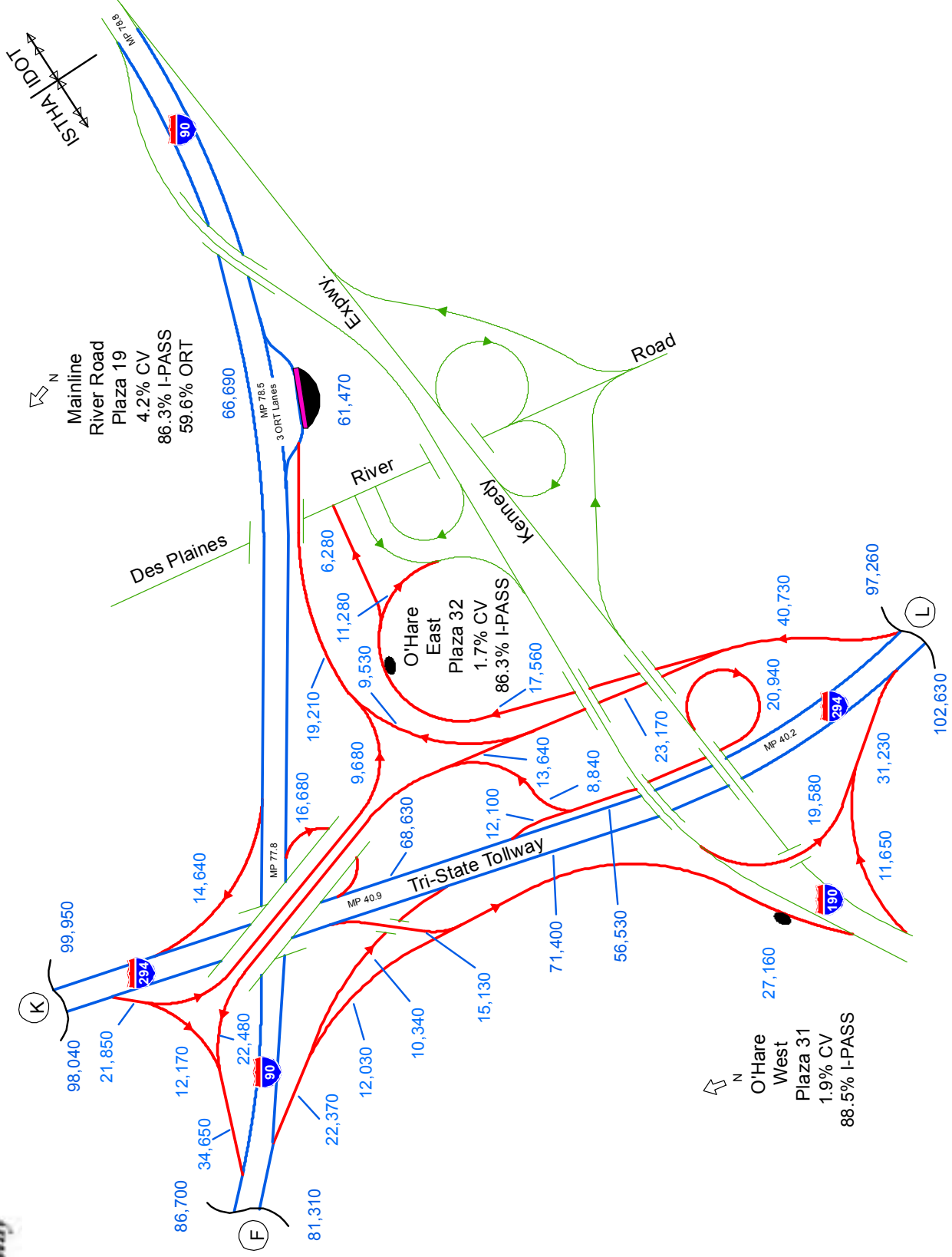
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On Jane Addams Memorial Tollway, from Tri-State Tollway to Kennedy Expressway



Mainline  
River Road  
Plaza 19  
4.2% CV  
86.3% I-PASS  
59.6% ORT

O'Hare West  
Plaza 31  
1.9% CV  
88.5% I-PASS

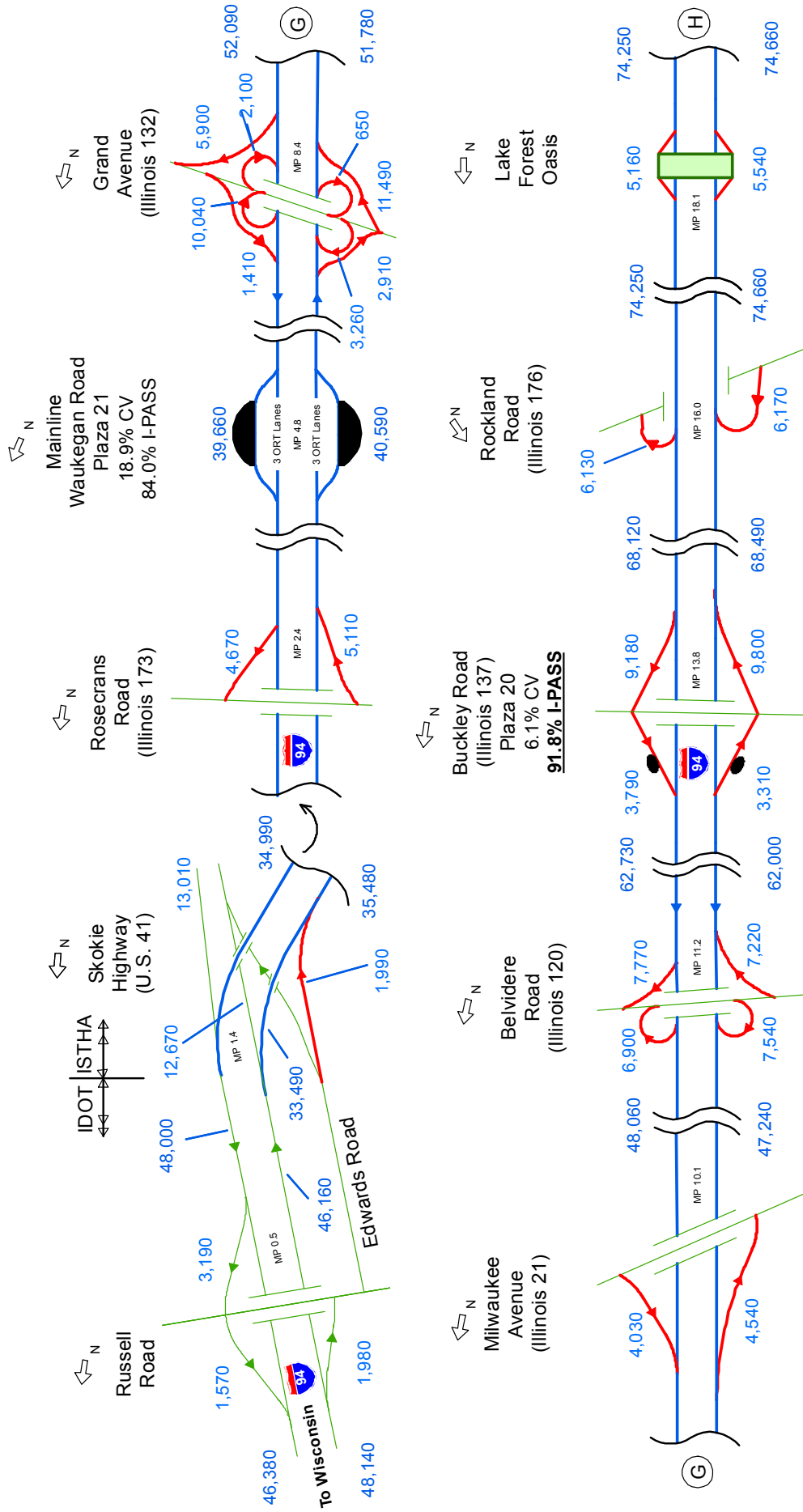
CV = Commercial Vehicles  
I-PASS = I-PASS Electronic Toll Collection  
ORT = Open Road Tolling Lanes  
AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On Tri-State Tollway, from Russell Road to Lake Forest Oasis



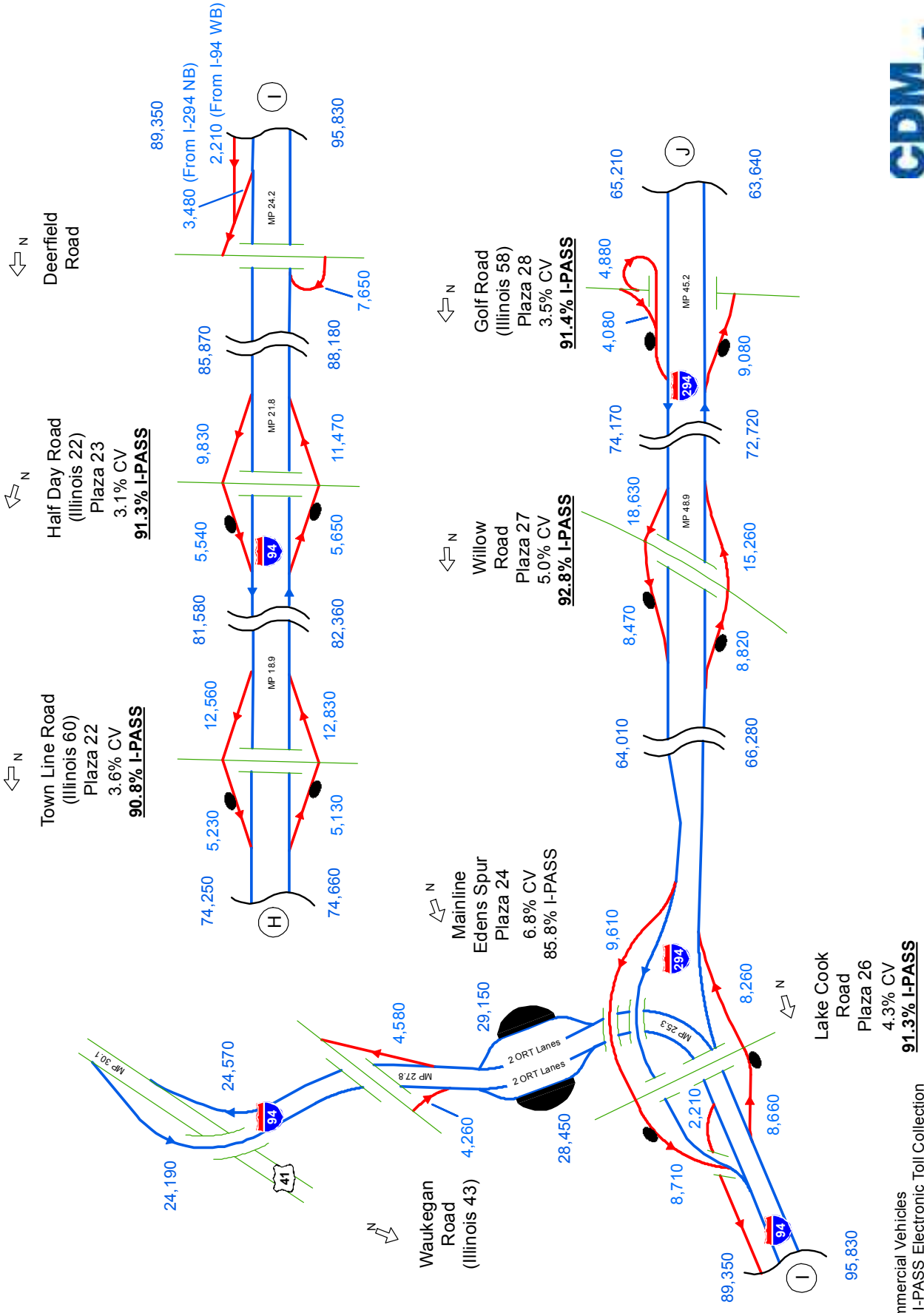
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

## On Tri-State Tollway, from Town Line Road (Illinois 60) to Golf Road (Illinois 58) and Edens Spur



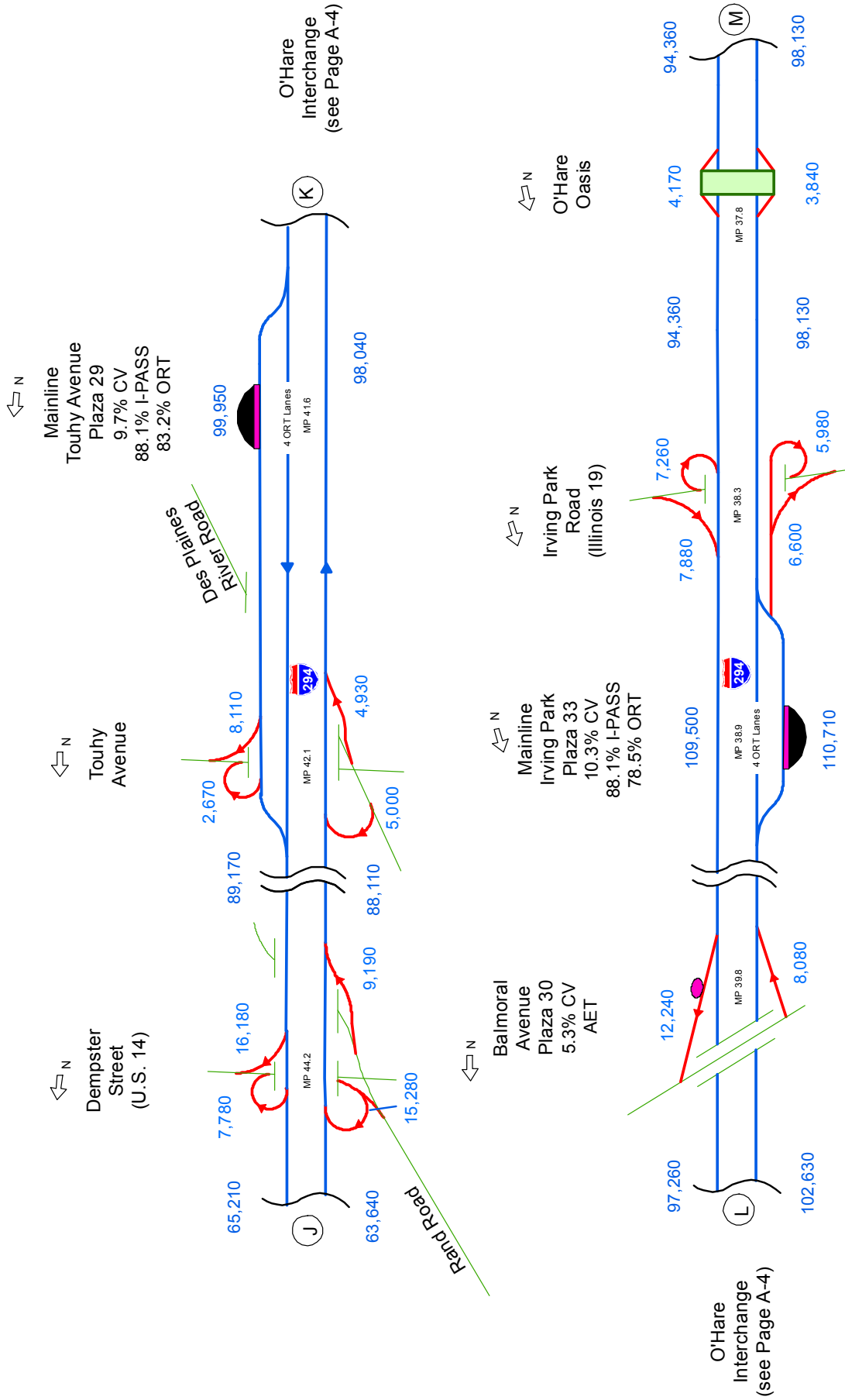
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On Tri-State Tollway, from Dempster Street to O'Hare Oasis



← N  
Mainline  
Touhy Avenue  
Plaza 29  
9.7% CV  
88.1% I-PASS  
83.2% ORT

← N  
Touhy  
Avenue

← N  
Dempster  
Street  
(U.S. 14)

← N  
Mainline  
Irving Park  
Plaza 33  
10.3% CV  
88.1% I-PASS  
78.5% ORT

← N  
Irving Park  
Road  
(Illinois 19)

← N  
O'Hare  
Oasis

O'Hare  
Interchange  
(see Page A-4)

O'Hare  
Interchange  
(see Page A-4)

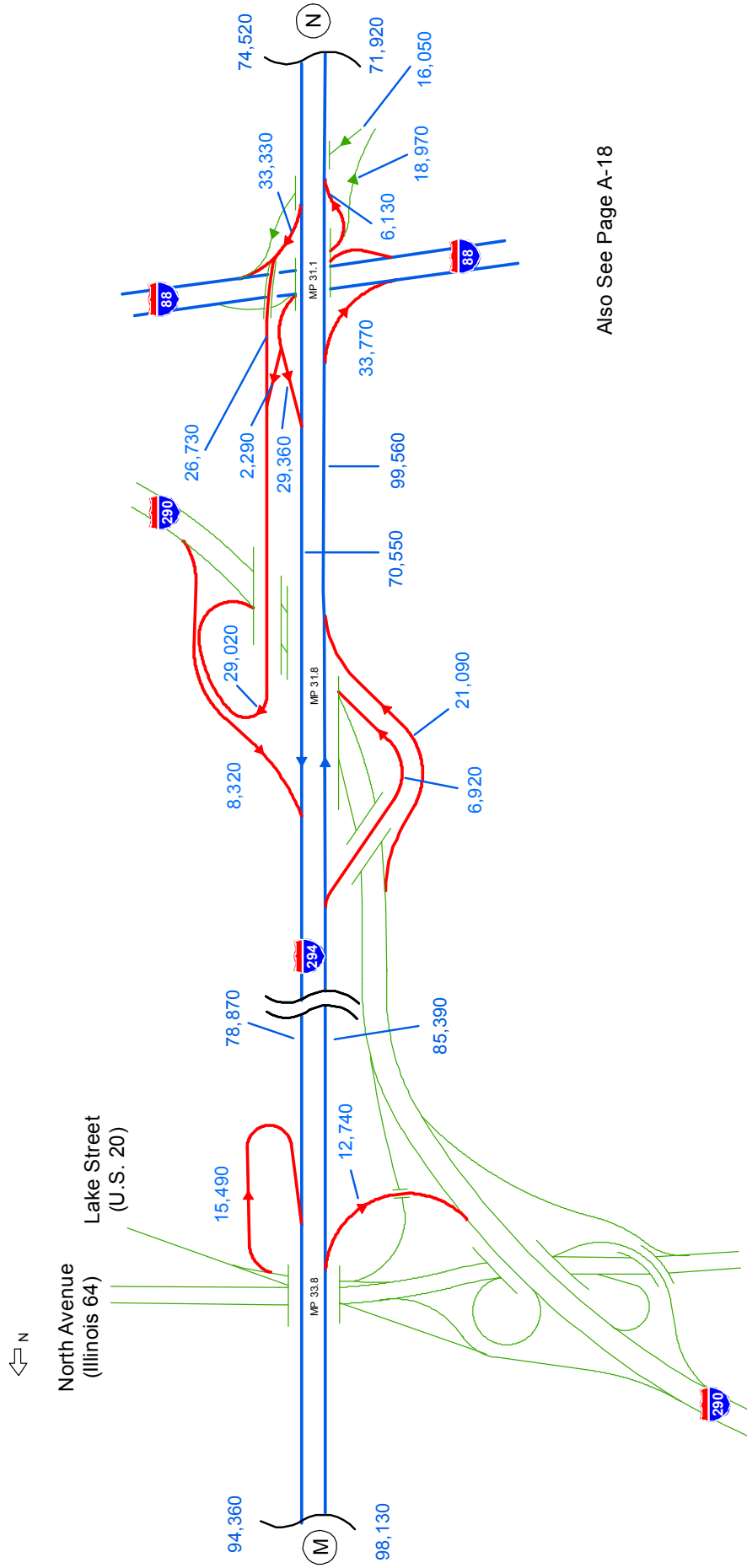
CV = Commercial Vehicles  
I-PASS = I-PASS Electronic Toll Collection  
ORT = Open Road Tolling Lanes  
AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On Tri-State Tollway, from North Avenue / Lake Street to Reagan Memorial Tollway (I-88)



Also See Page A-18

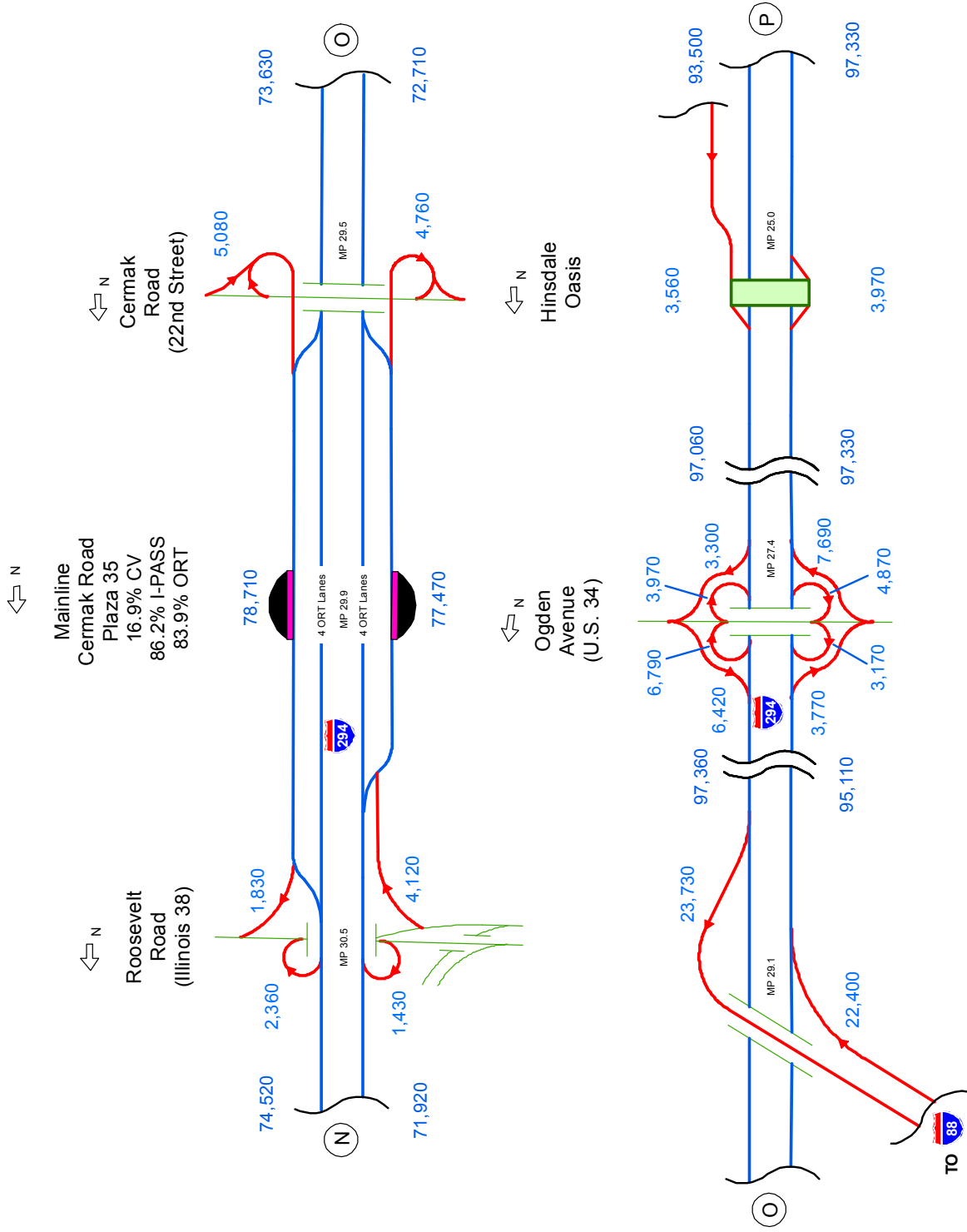
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

## On Tri-State Tollway, from Roosevelt Road to Hinsdale Oasis



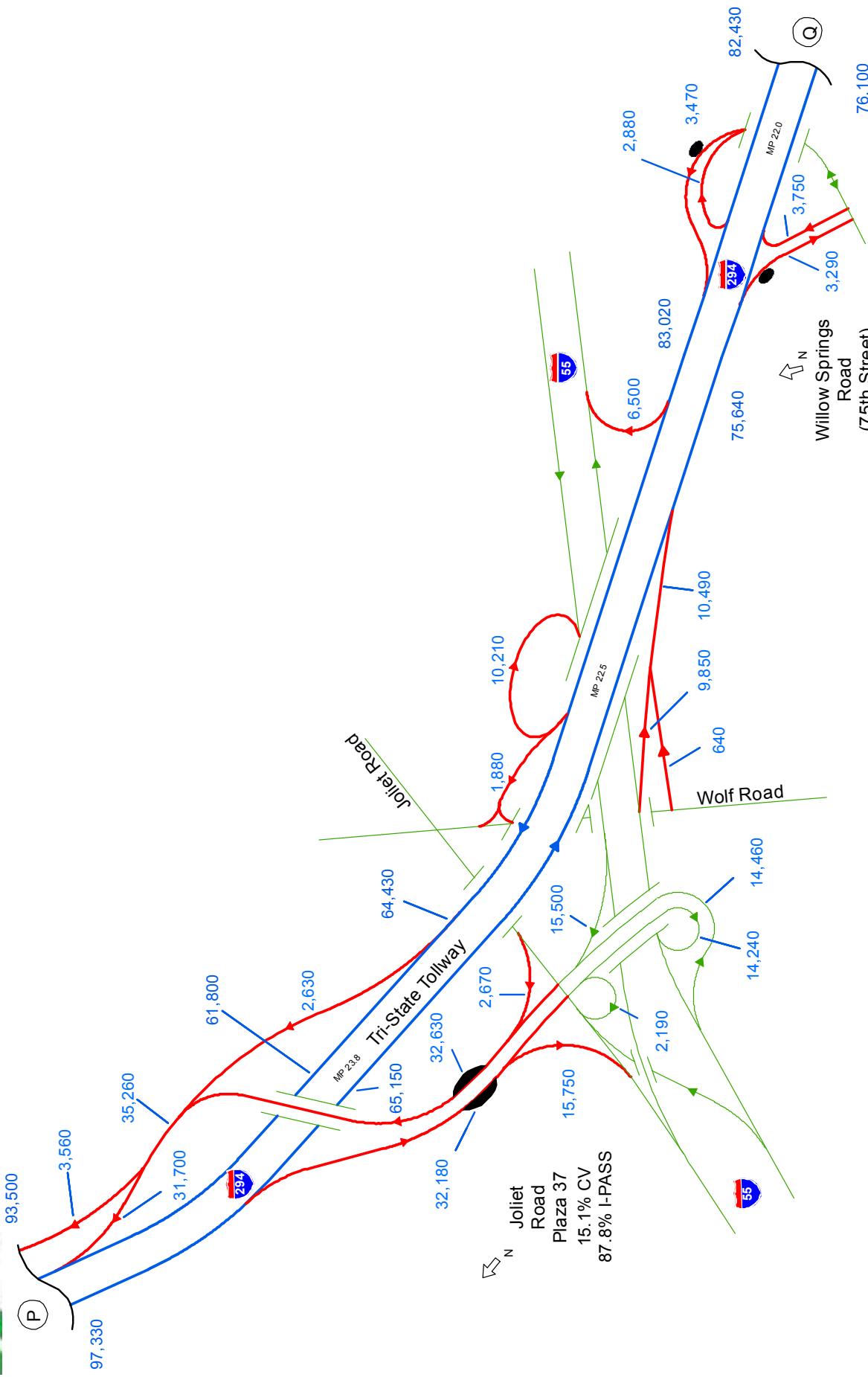
Also See Page A-17

CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling



# 2017 Annual Average Daily Traffic

On Tri-State Tollway, from Joliet Road (Plaza 37) to Willow Springs Road (Plaza 34)



CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling

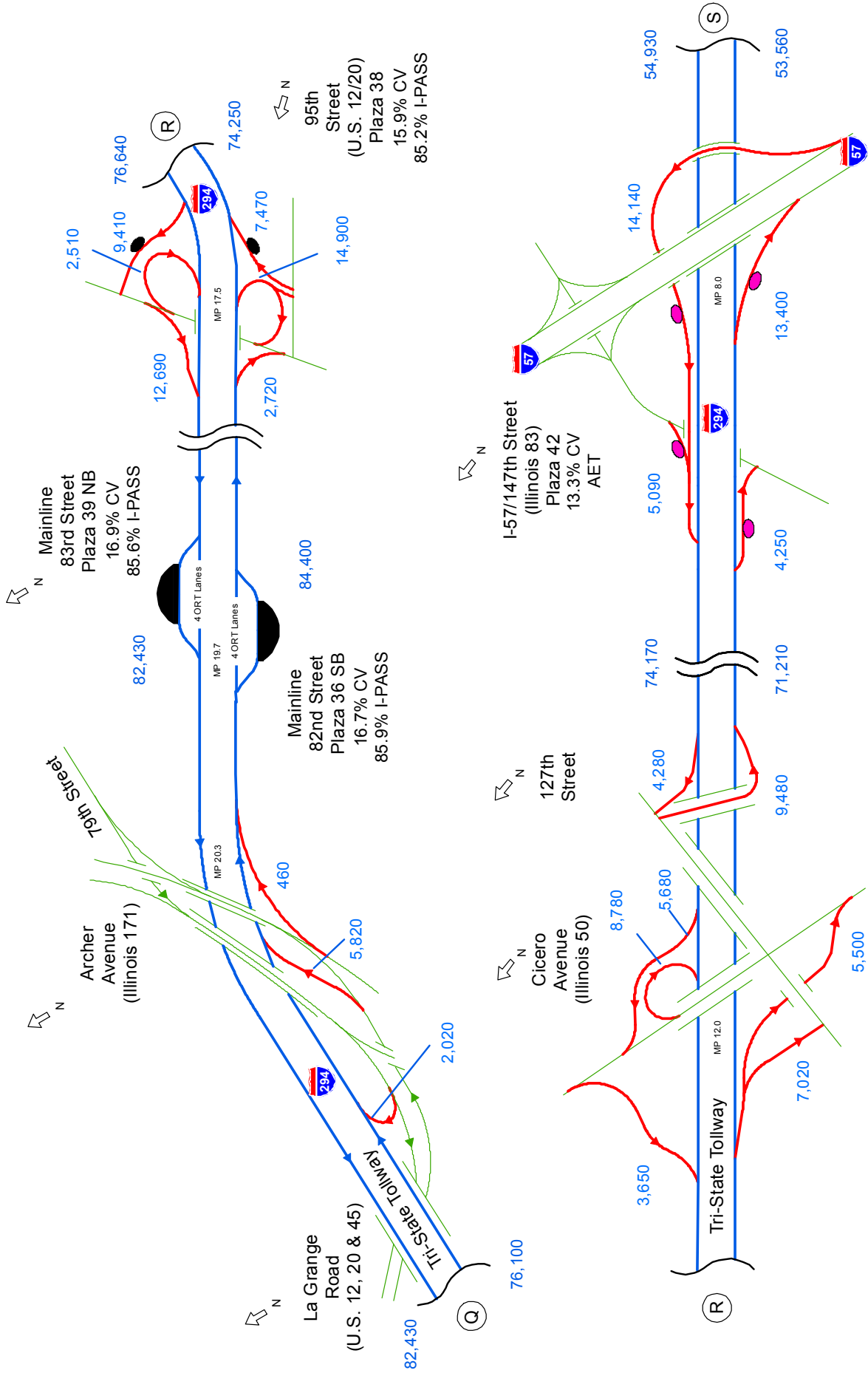






# 2017 Annual Average Daily Traffic

On Tri-State Tollway, from Archer / Lagrange / 79th Street to 147th Street (Plaza 42) / I-57



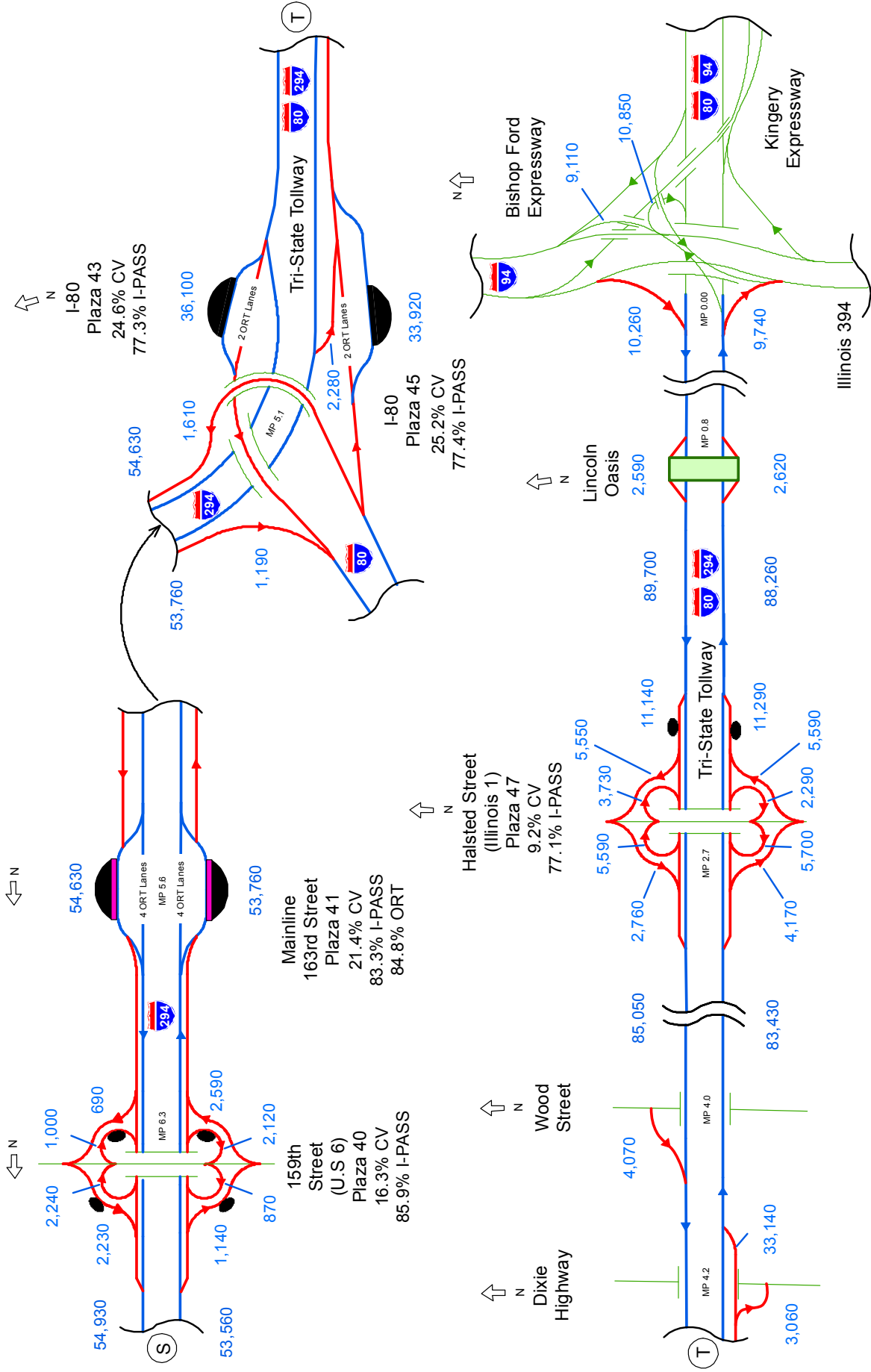
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling



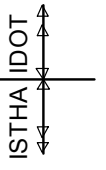


# 2017 Annual Average Daily Traffic

On Tri-State Tollway, from 159th Street (Plaza 40) to Bishop Ford / Kingery Expressway

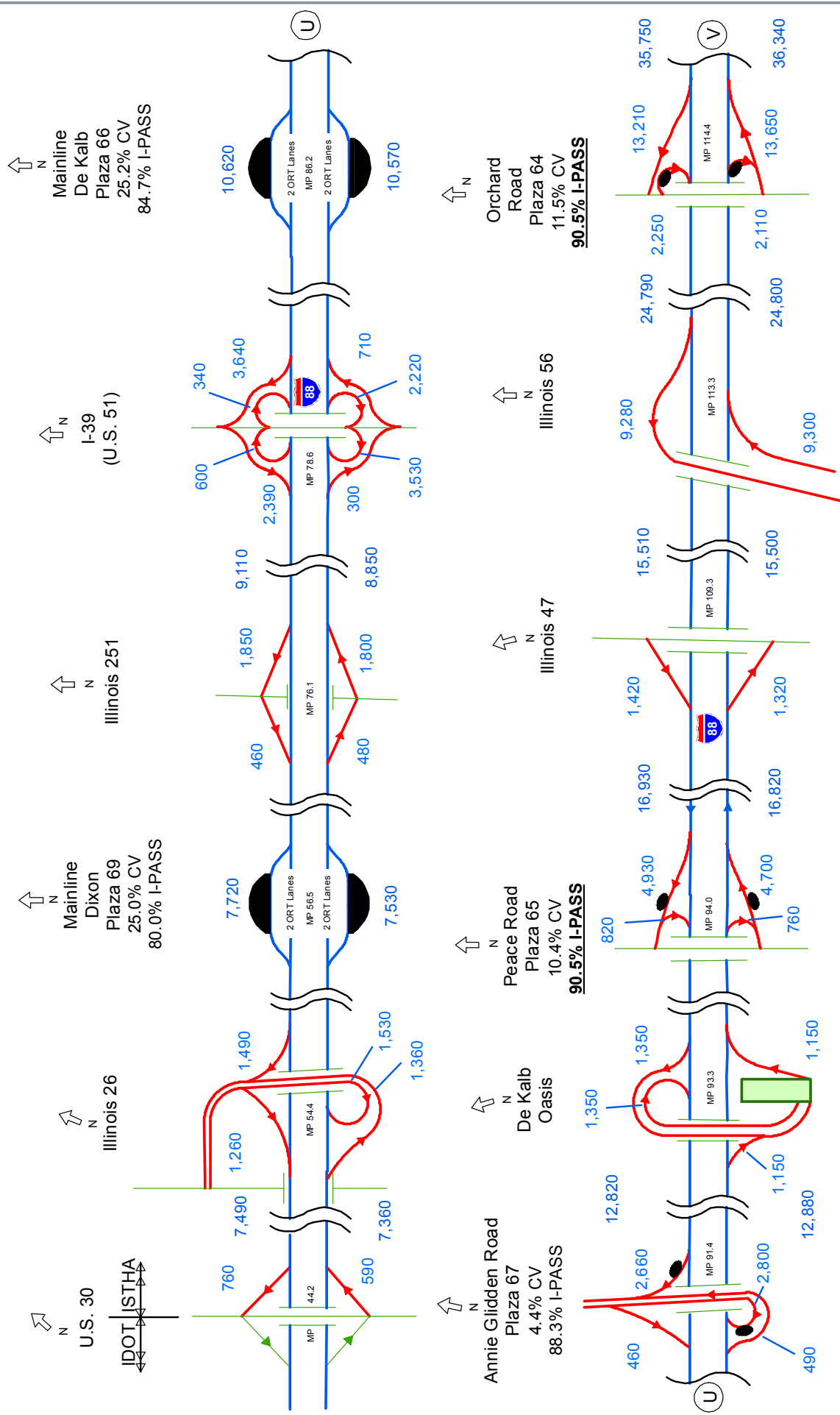


CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling



# 2017 Annual Average Daily Traffic

On Reagan Memorial Tollway, from Illinois 26 to Orchard Road



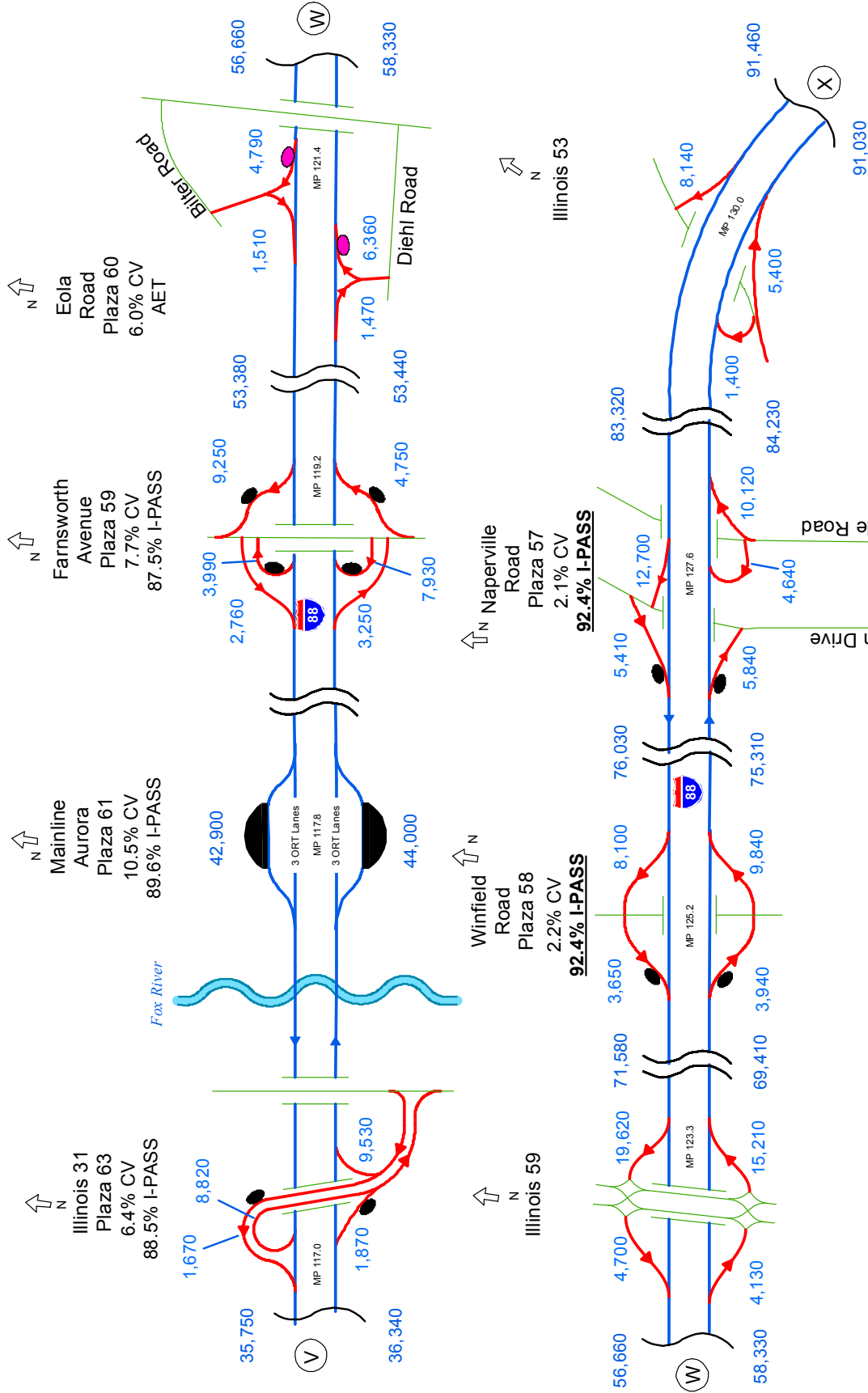
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On Reagan Memorial Tollway, from Illinois 31 to Illinois 53



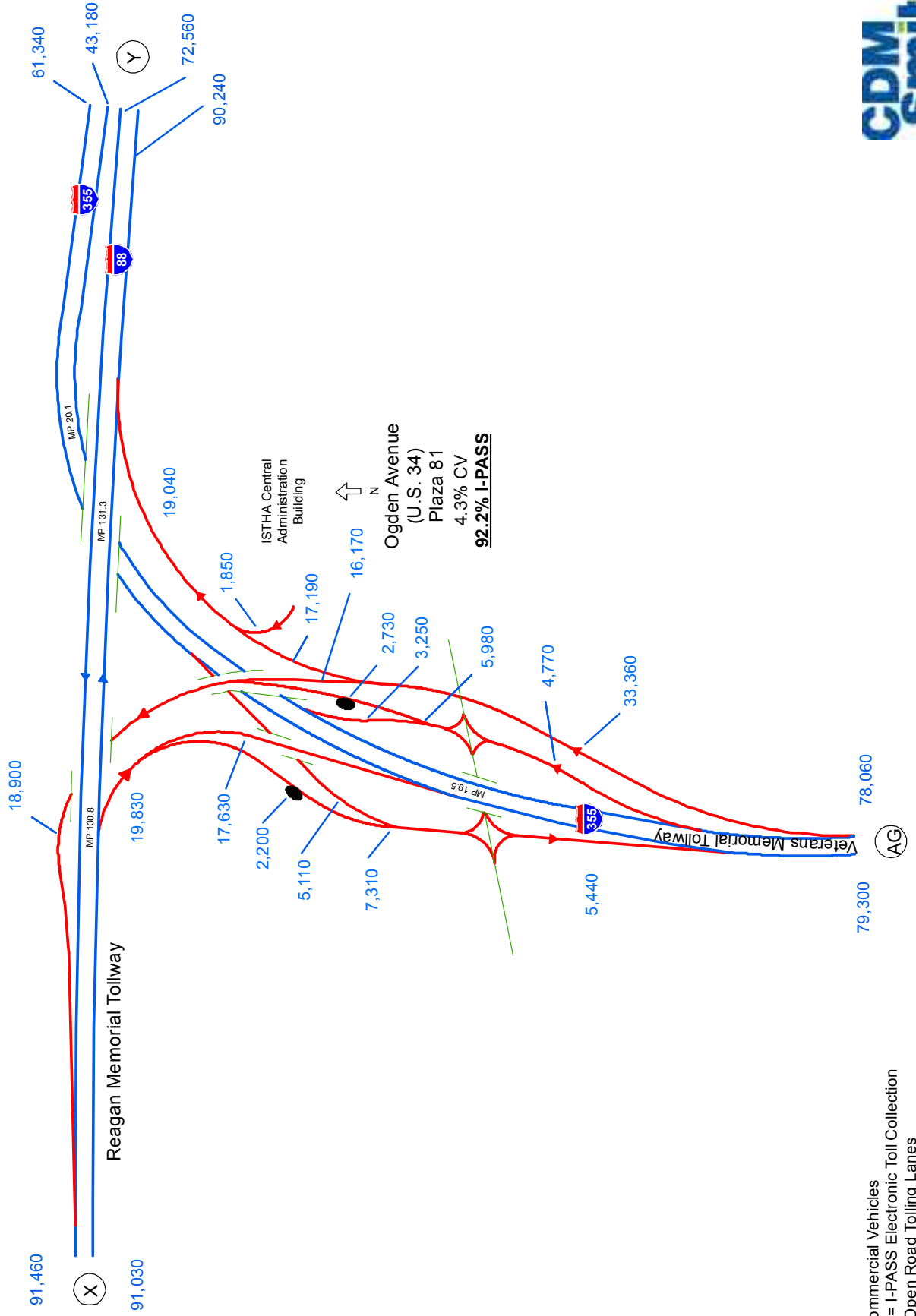
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

## On Reagan Memorial Tollway, Veterans Memorial Tollway West Interchange



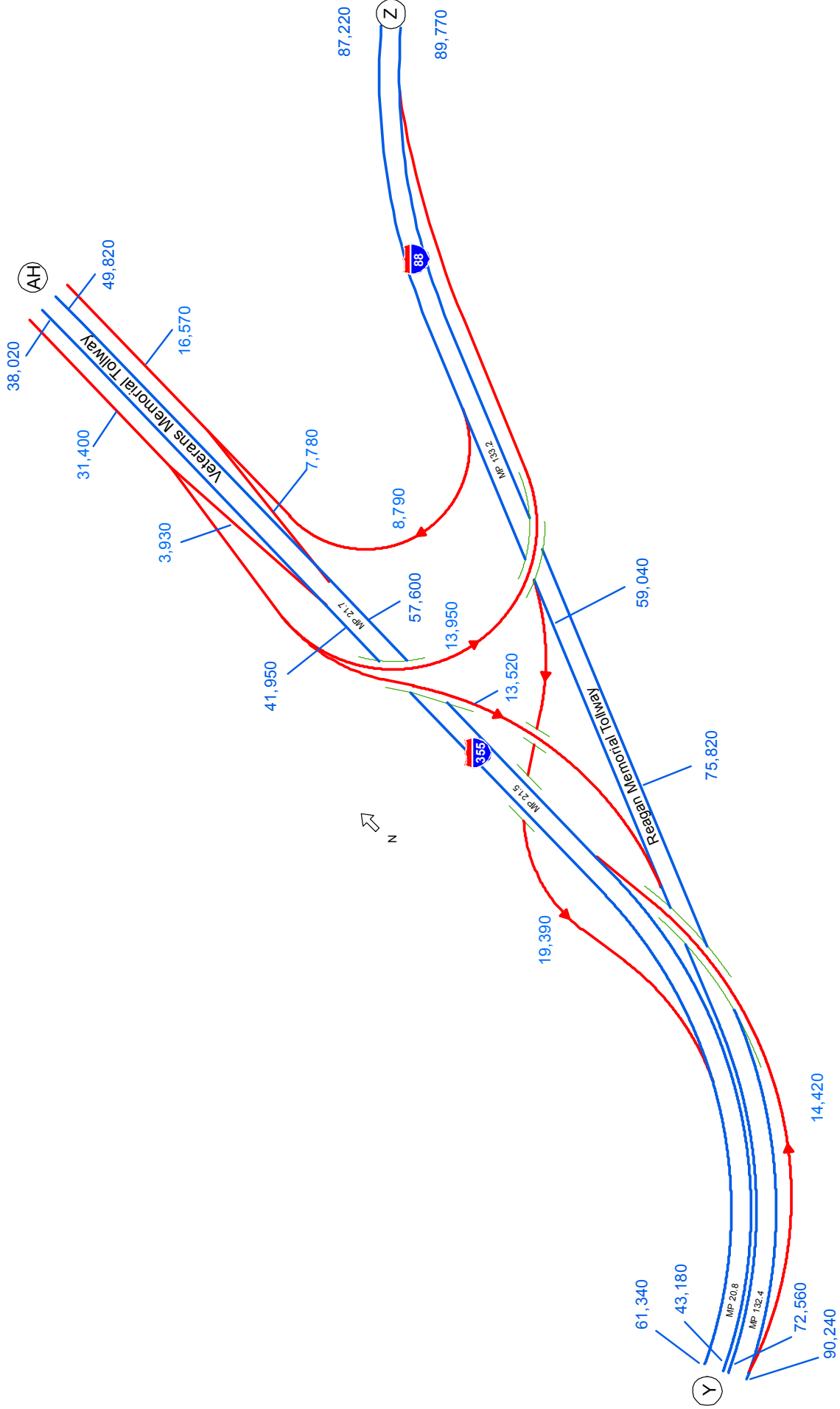
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On Reagan Memorial Tollway, Veterans Memorial Tollway East Interchange



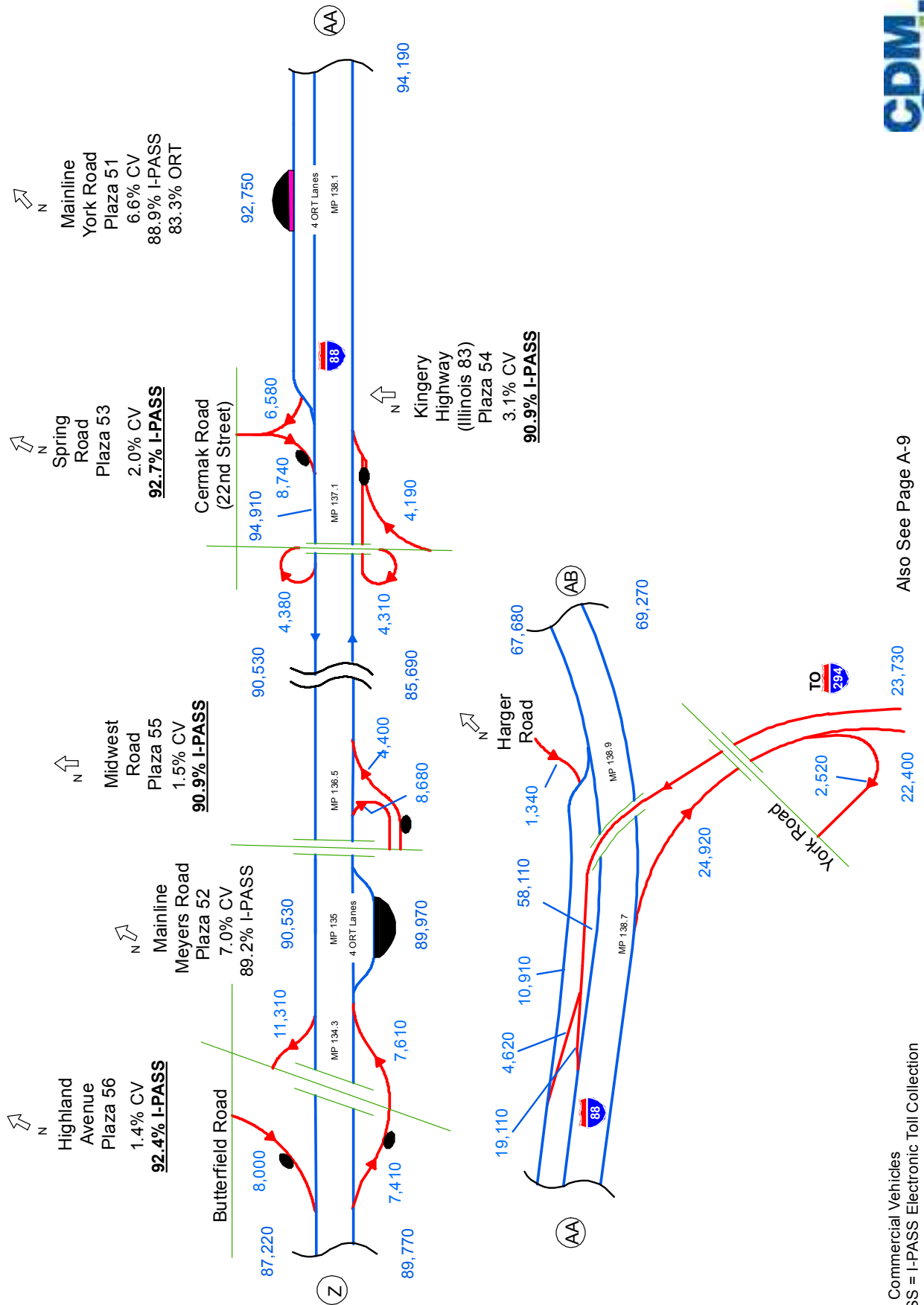
CV = Commercial Vehicles  
I-PASS = I-PASS Electronic Toll Collection  
ORT = Open Road Tolling Lanes  
AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On Reagan Memorial Tollway, from Highland Avenue to Harger Road



CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling

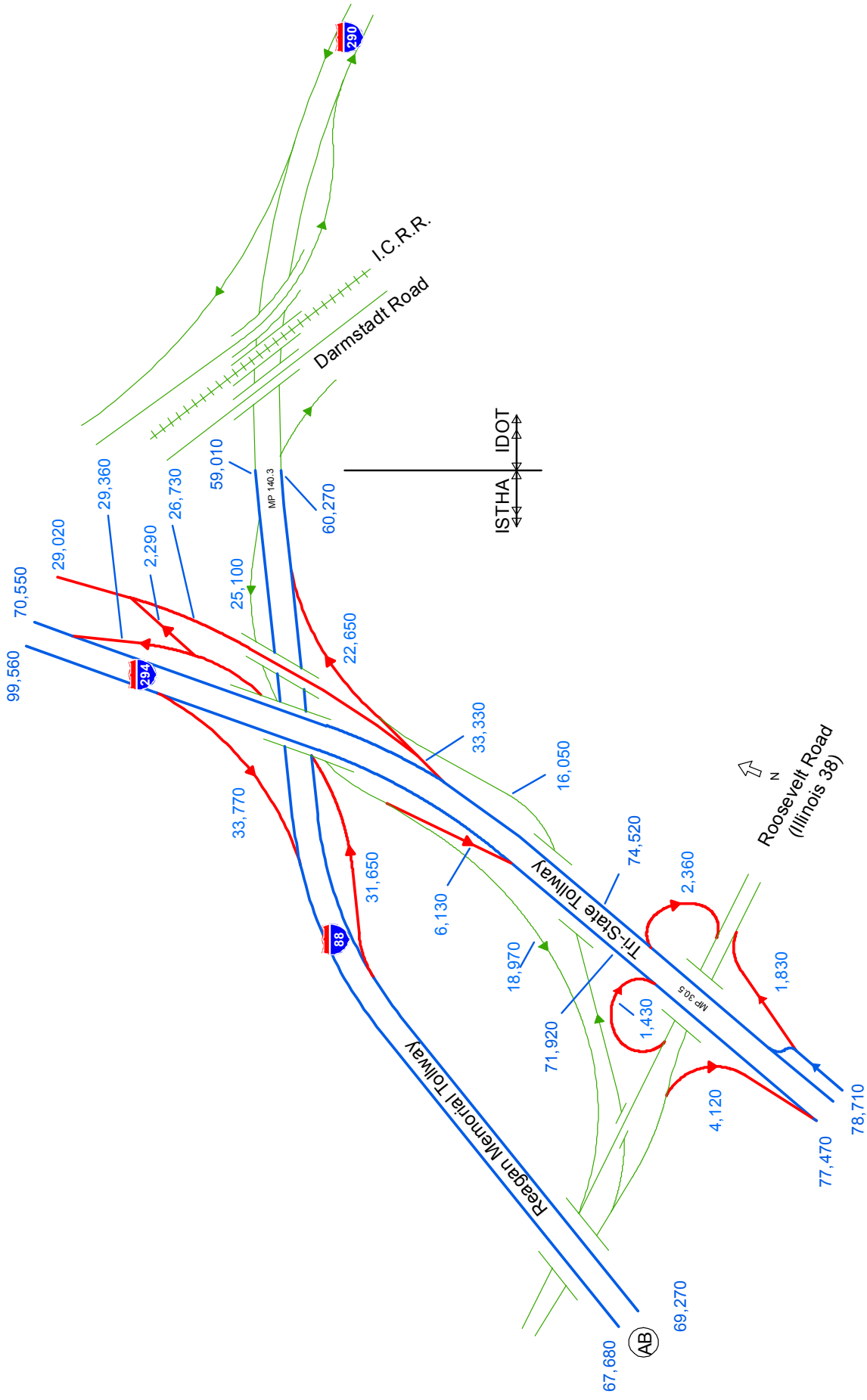
Also See Page A-9





# 2017 Annual Average Daily Traffic

On Reagan Memorial Tollway, from Roosevelt Road to Eisenhower Expressway (I-290)



CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling

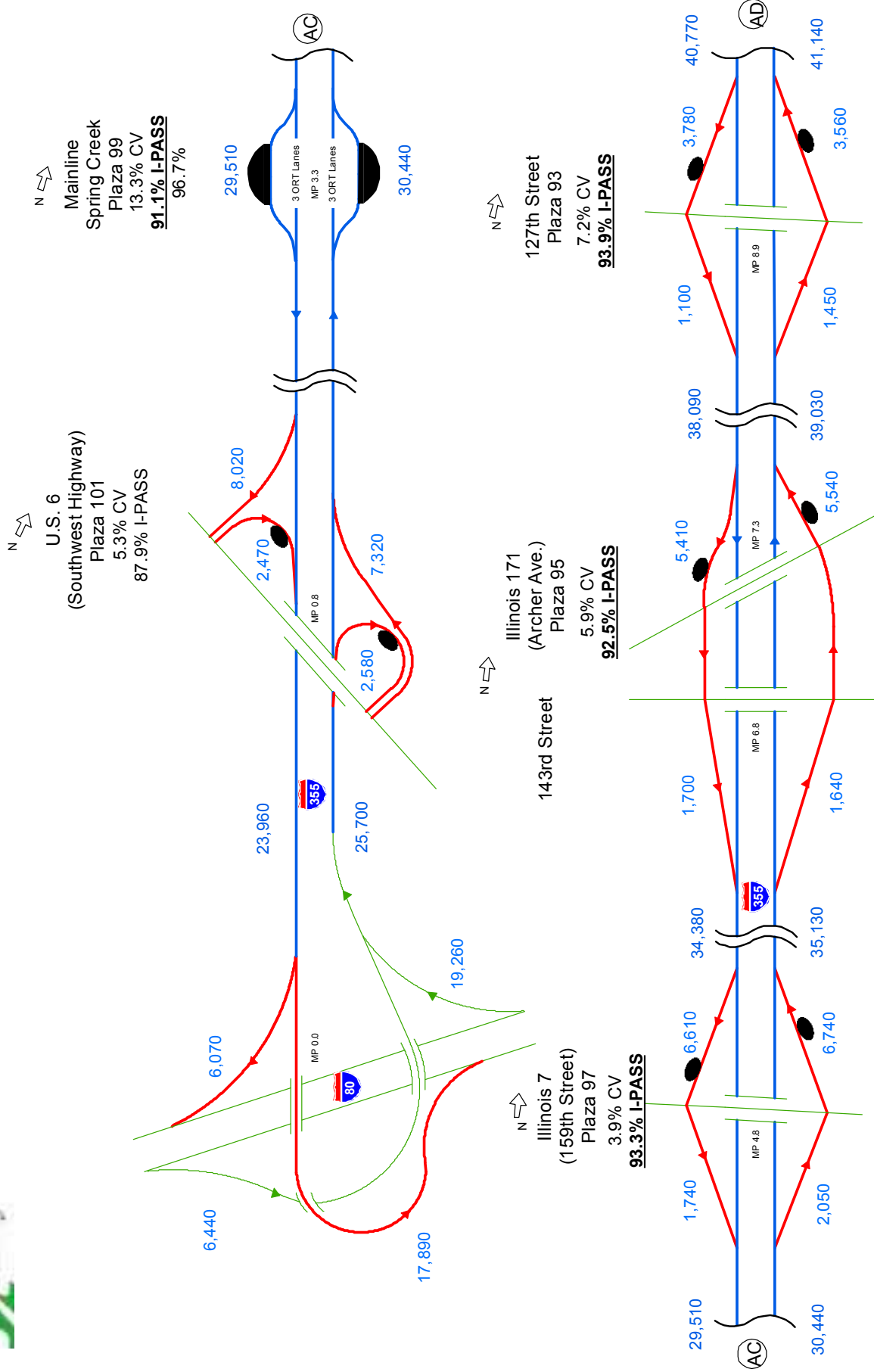






# 2017 Annual Average Daily Traffic

## On Veterans Memorial Tollway, from Interstate 80 to 127th Street



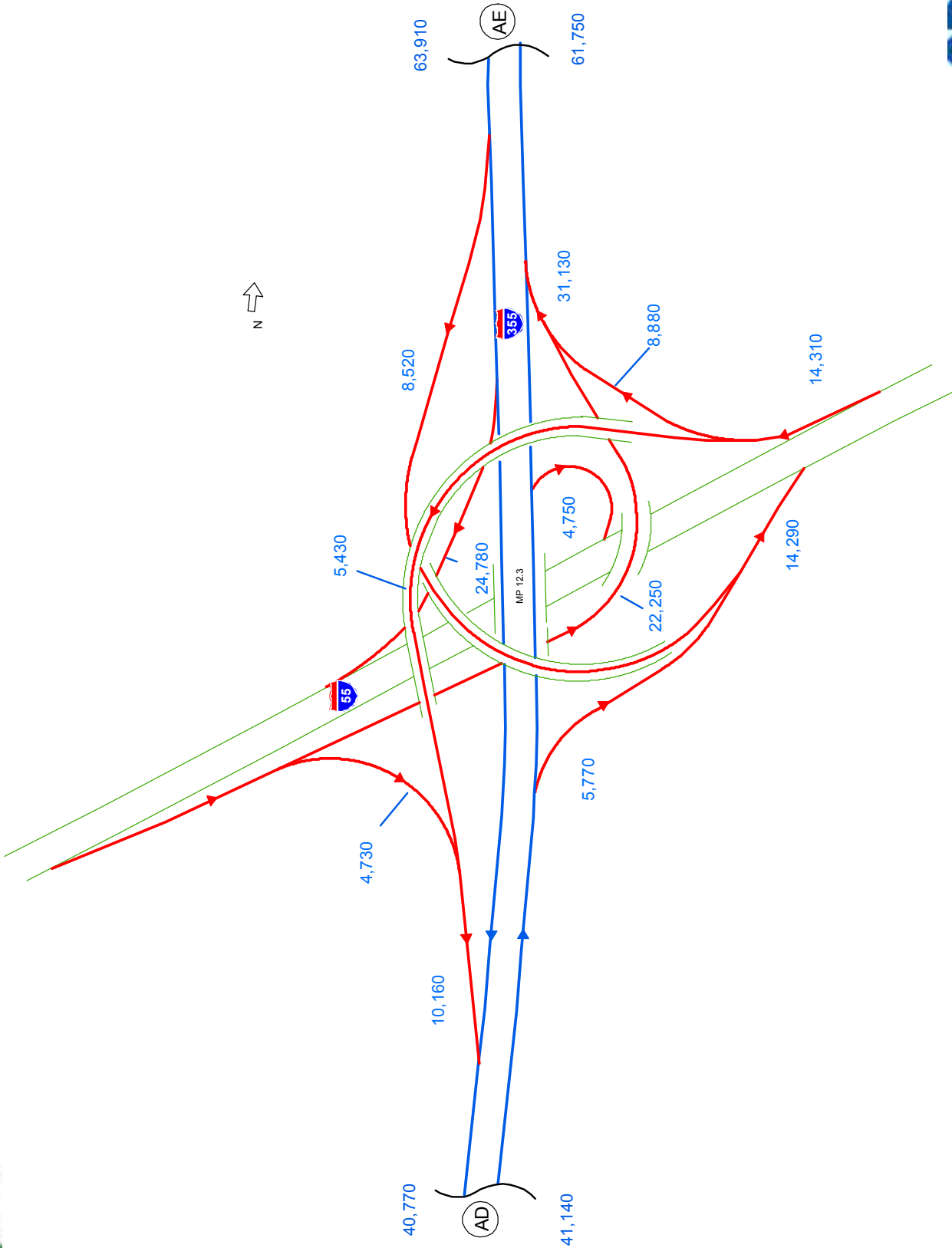
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On Veterans Memorial Tollway, At Interstate 55



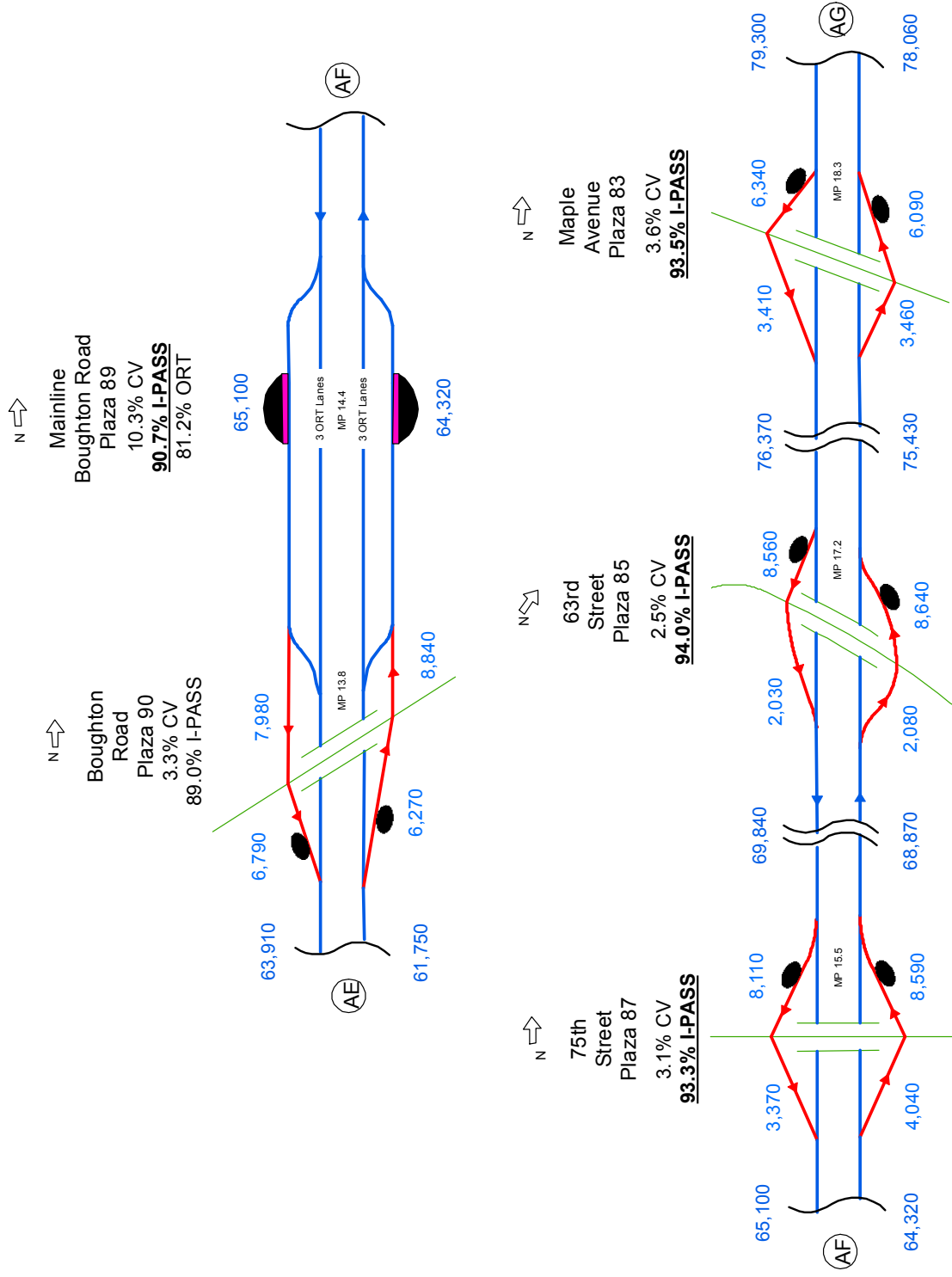
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On Veterans Memorial Tollway, from Boughton Road to Maple Avenue



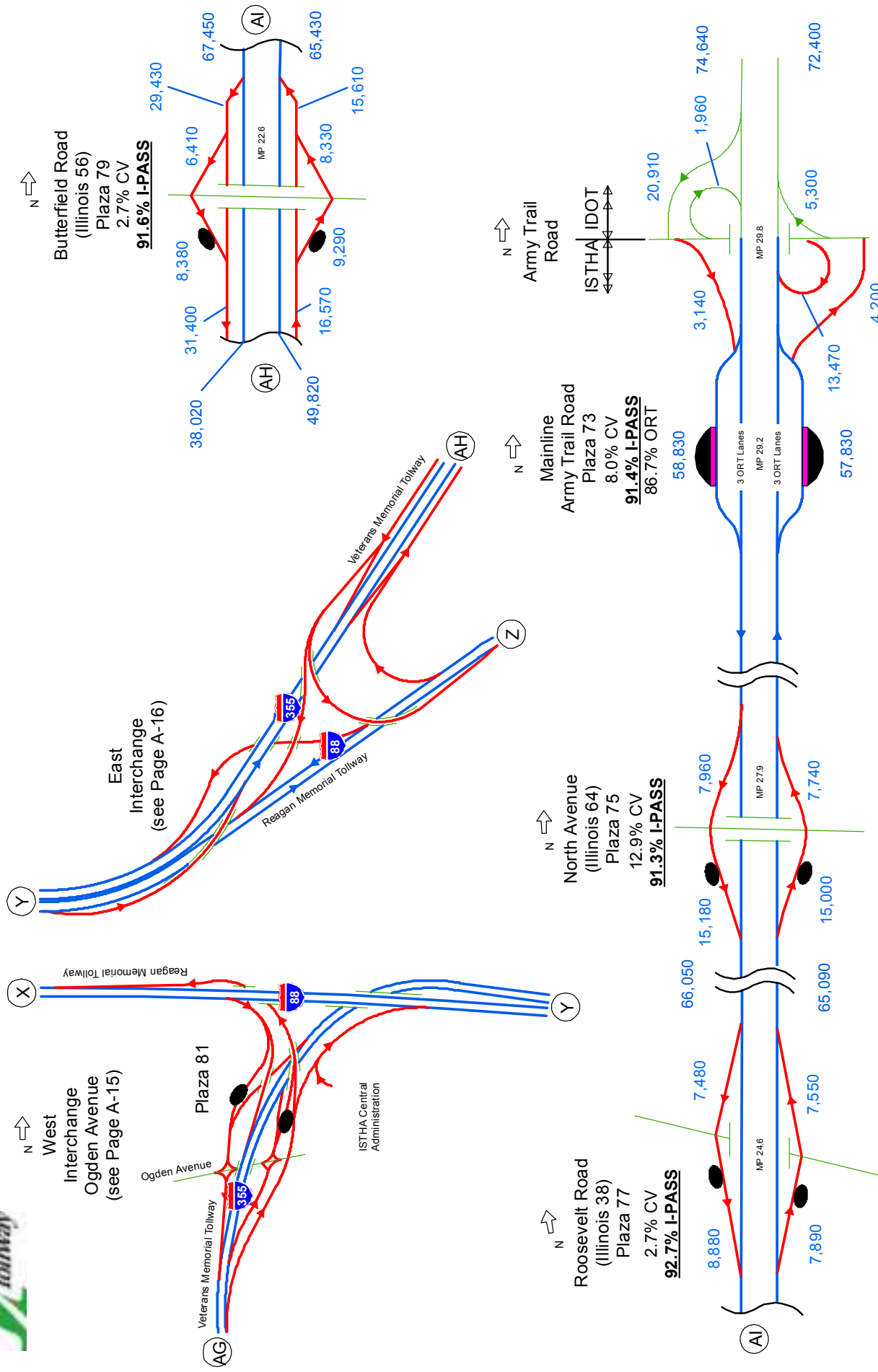
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On Veterans Memorial Tollway, from Ogden Avenue / West Interchange to Army Trail Road



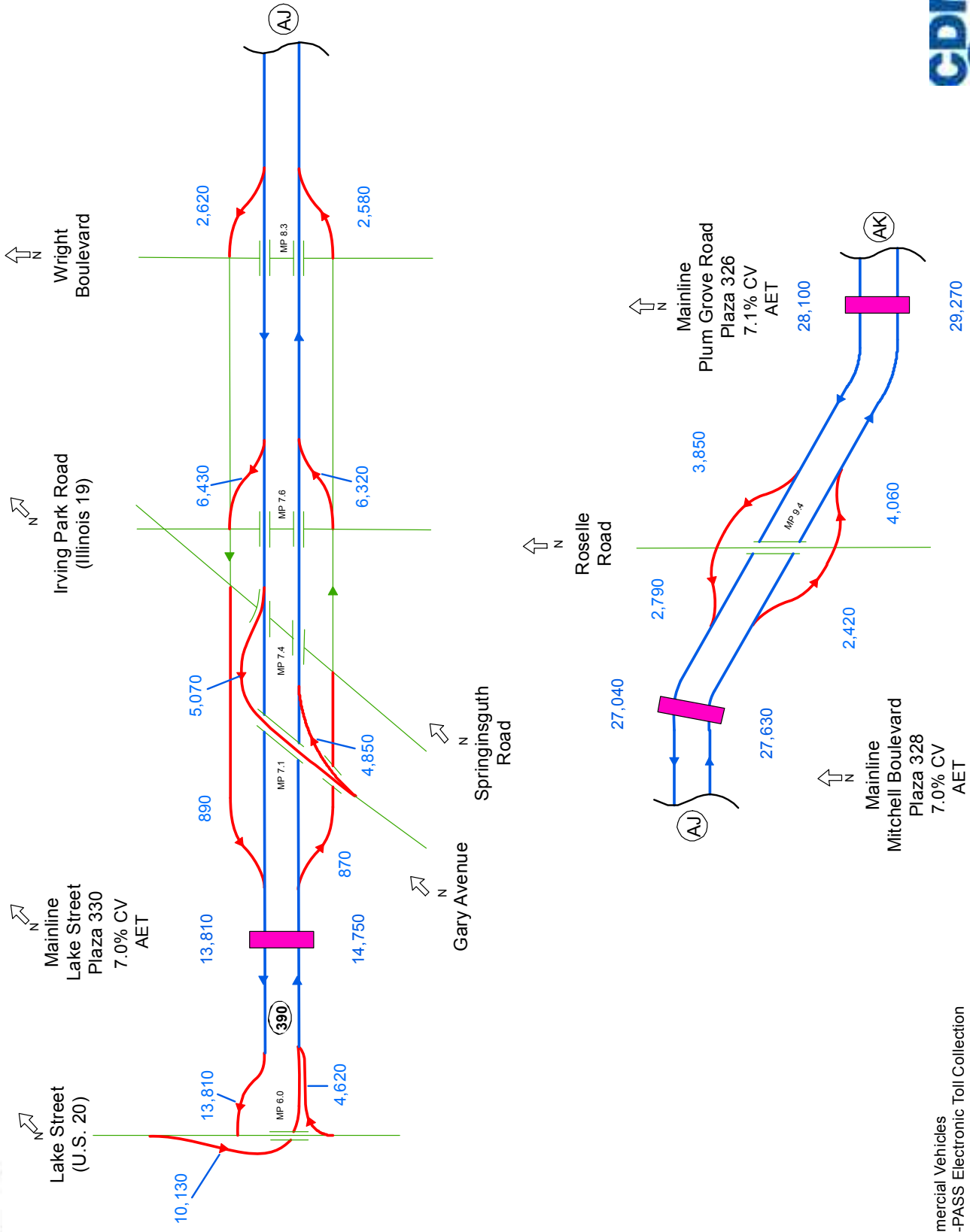
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On IL 390, from Lake Street to Plum Grove Road (Plaza 326)



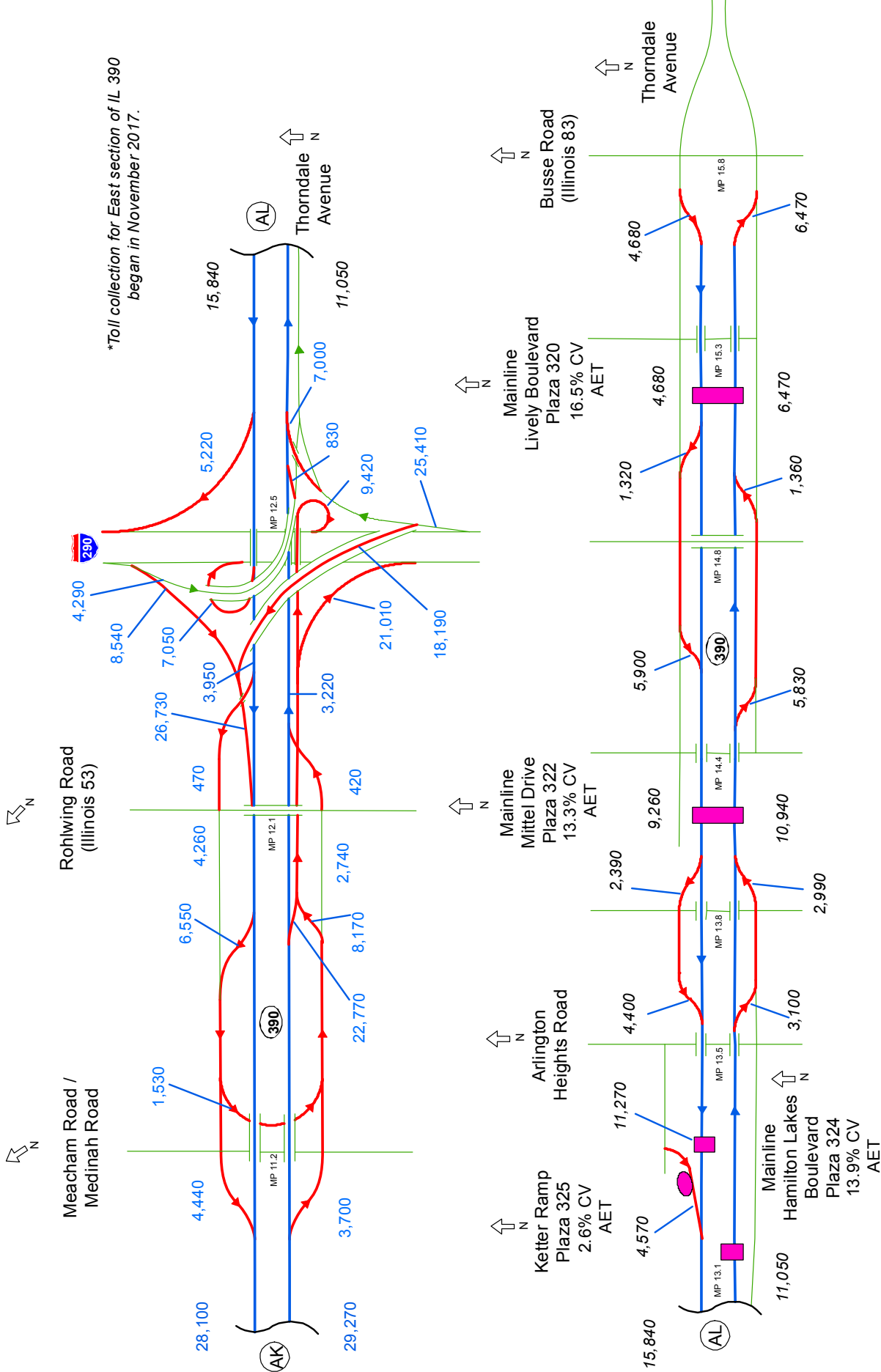
CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling





# 2017 Annual Average Daily Traffic

On IL 390, from Plum Grove Road (Plaza 326) to Busse Road (Illinois 83)



\*Toll collection for East section of IL 390 began in November 2017.

CV = Commercial Vehicles  
 I-PASS = I-PASS Electronic Toll Collection  
 ORT = Open Road Tolling Lanes  
 AET = All Electronic Tolling



Appendix B

2017 Systemwide  
A.M. and P.M. Peak Hour  
Traffic Schematics

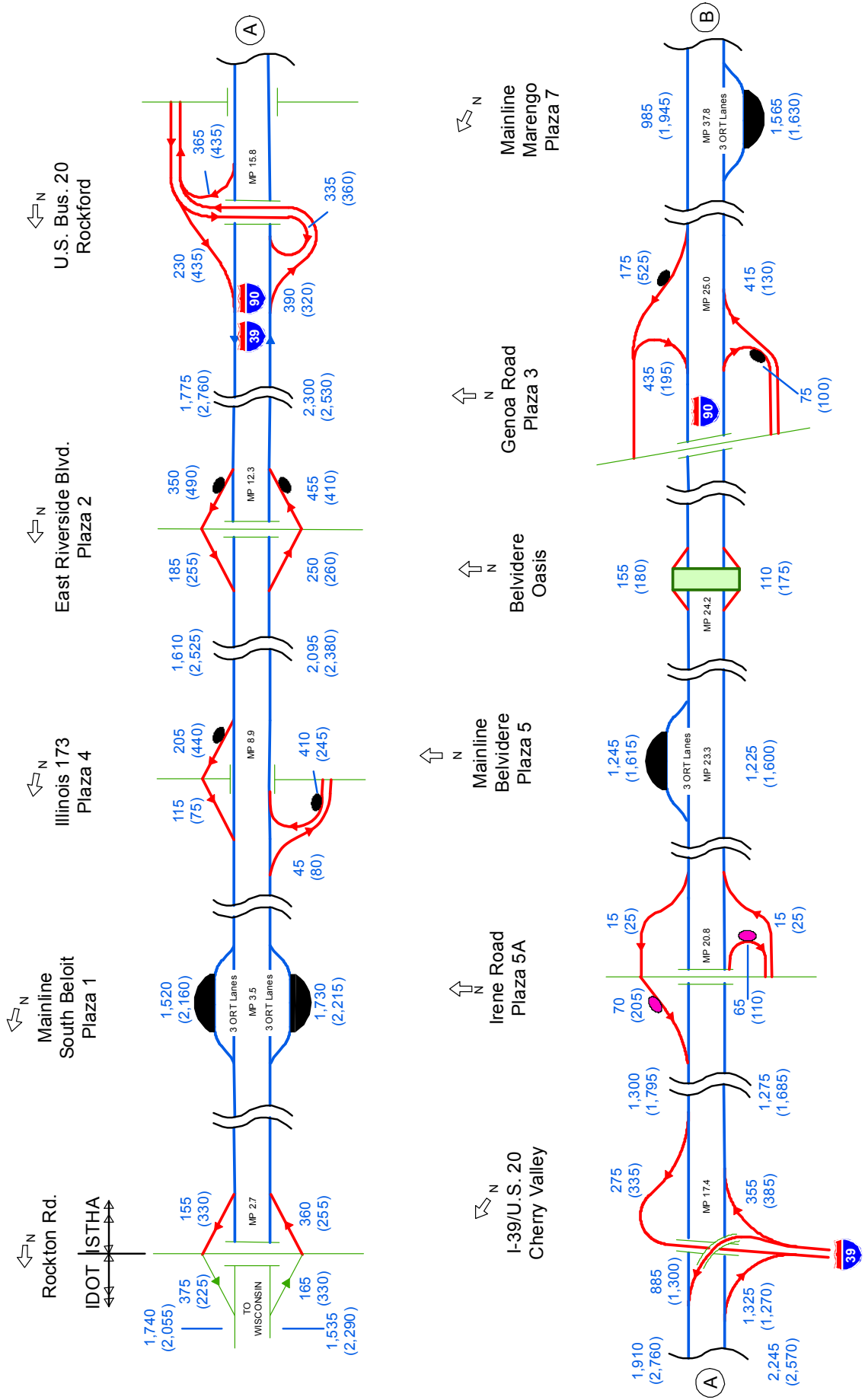






# 2017 A.M. & P.M. Peak Hour Traffic

On Jane Addams Memorial Tollway, from Rockton Road to Marengo (Plaza 7)



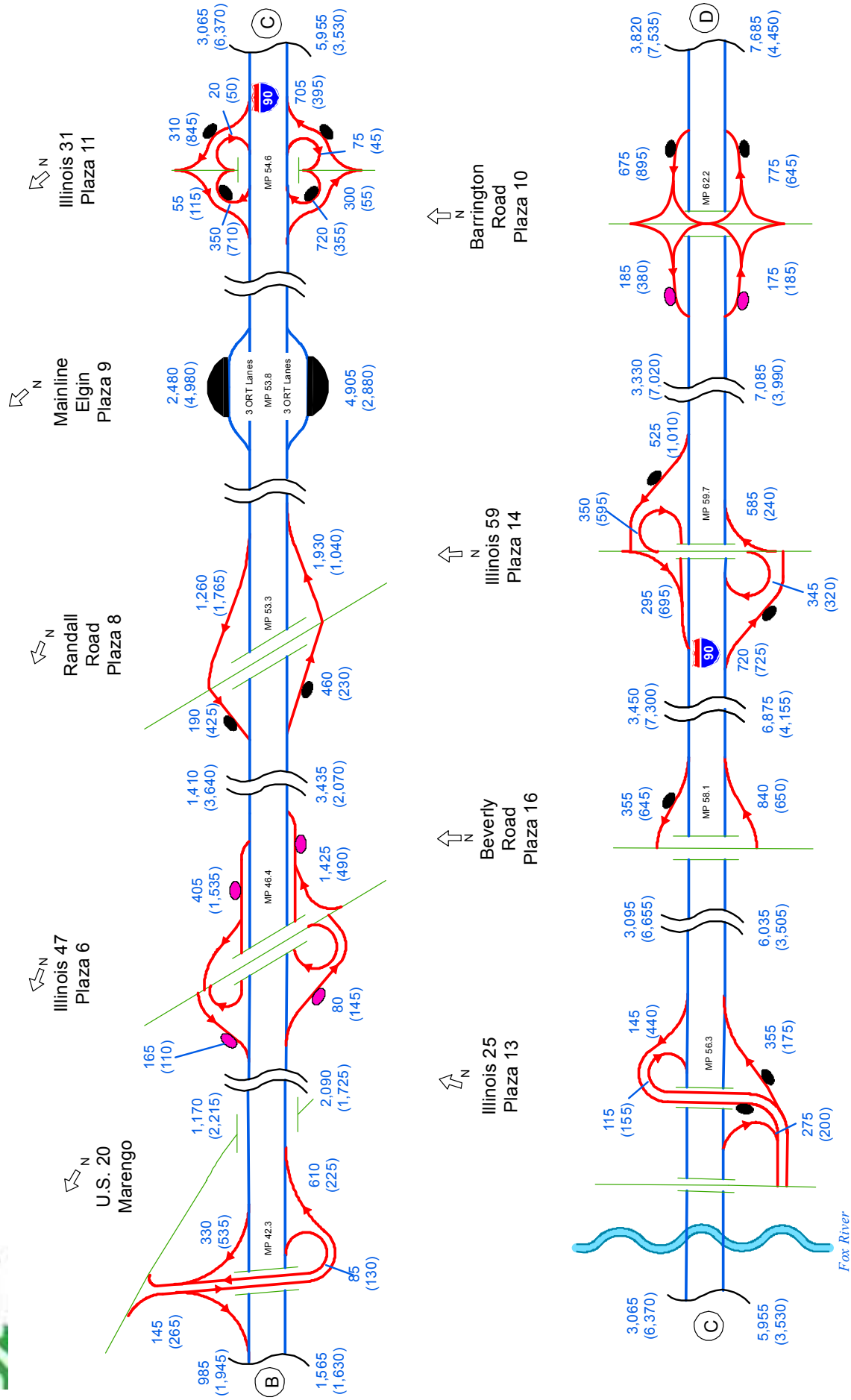
Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak



# 2017 A.M. & P.M. Peak Hour Traffic

On Jane Addams Memorial Tollway, from U.S. 20, Marengo to Barrington Road



Note:  
The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

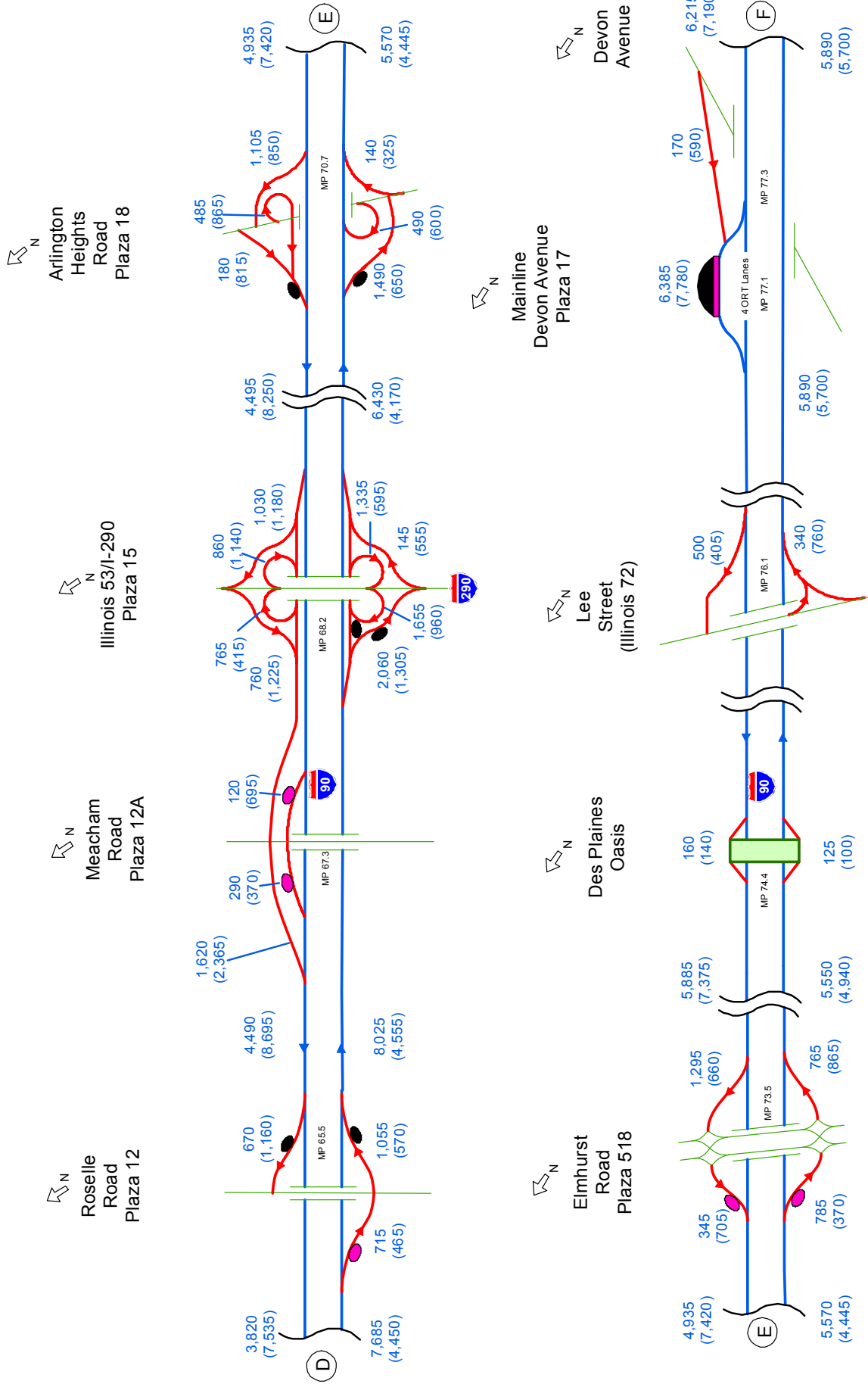
\* \*\* = A.M. Peak  
(\*, \*\*) = P.M. Peak





# 2017 A.M. & P.M. Peak Hour Traffic

On Jane Addams Memorial Tollway, from Roselle Road to Devon Avenue



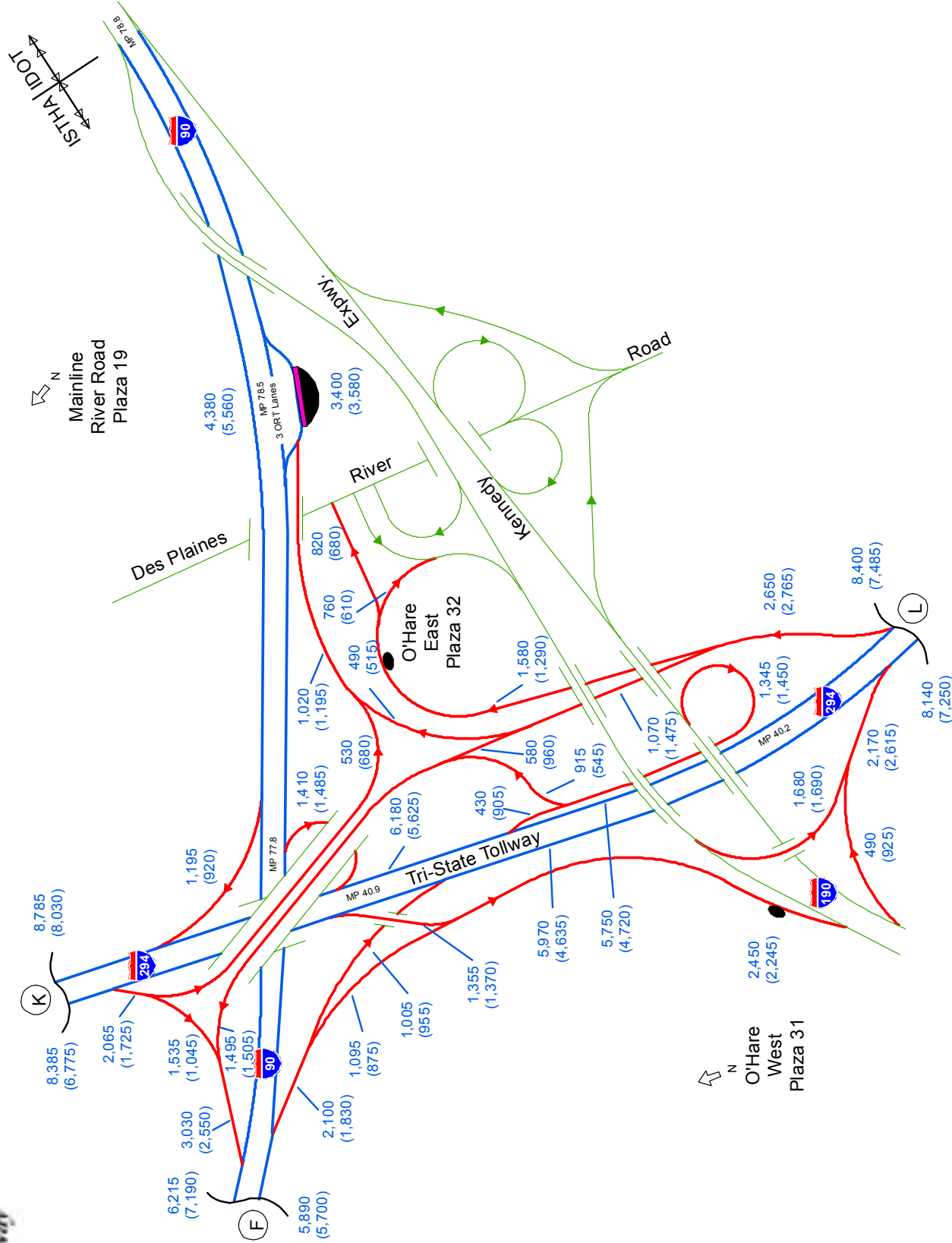
Note: The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak



# 2017 A.M. & P.M. Peak Hour Traffic

On Jane Addams Memorial Tollway, from Tri-State Tollway to Kennedy Expressway



Note: The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

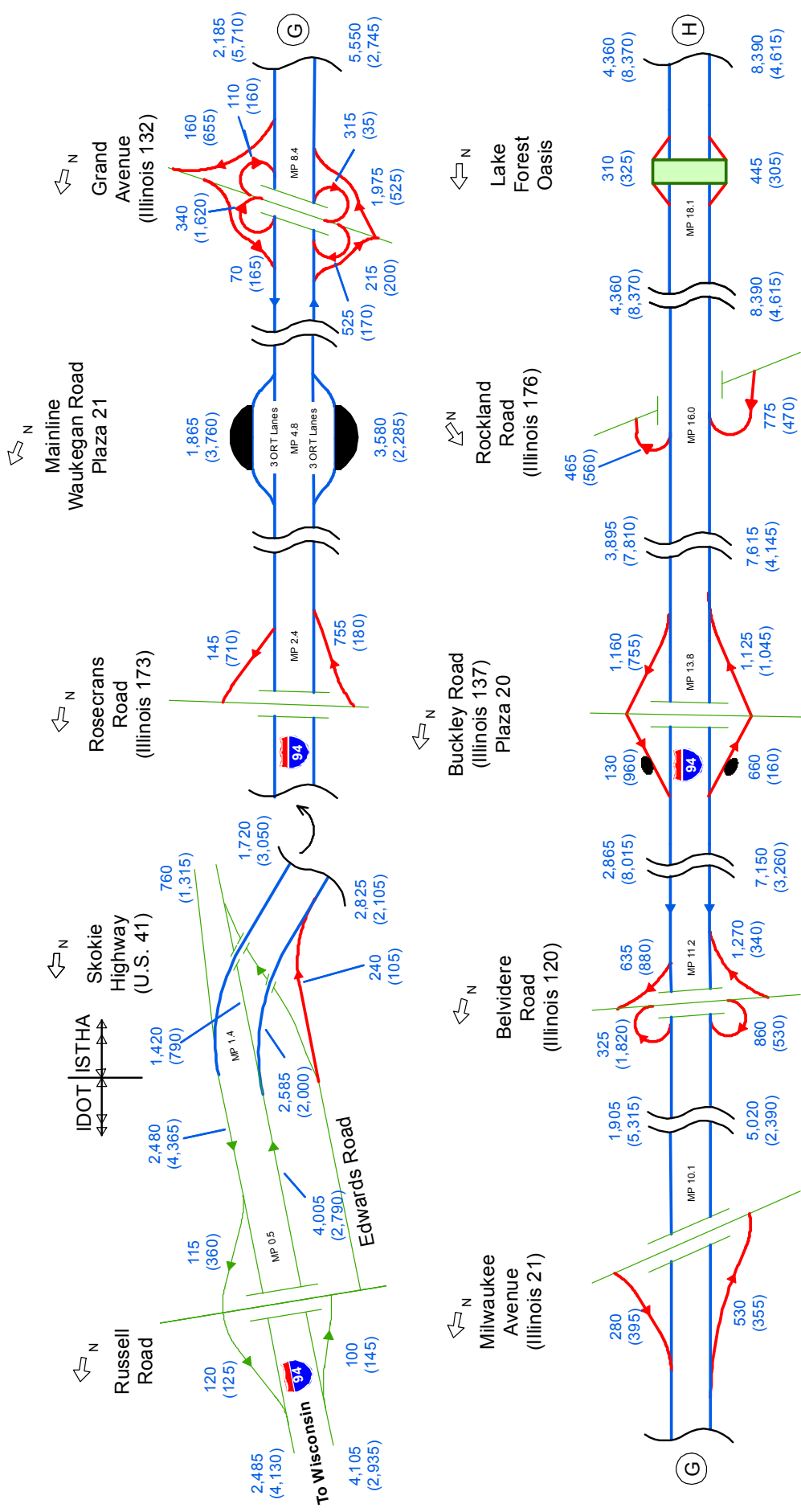
\* \*\*\* = A.M. Peak  
(\*, \*\*\*) = P.M. Peak





# 2017 A.M. & P.M. Peak Hour Traffic

On Tri-State Tollway, from Russell Road to Lake Forest Oasis



Note: The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

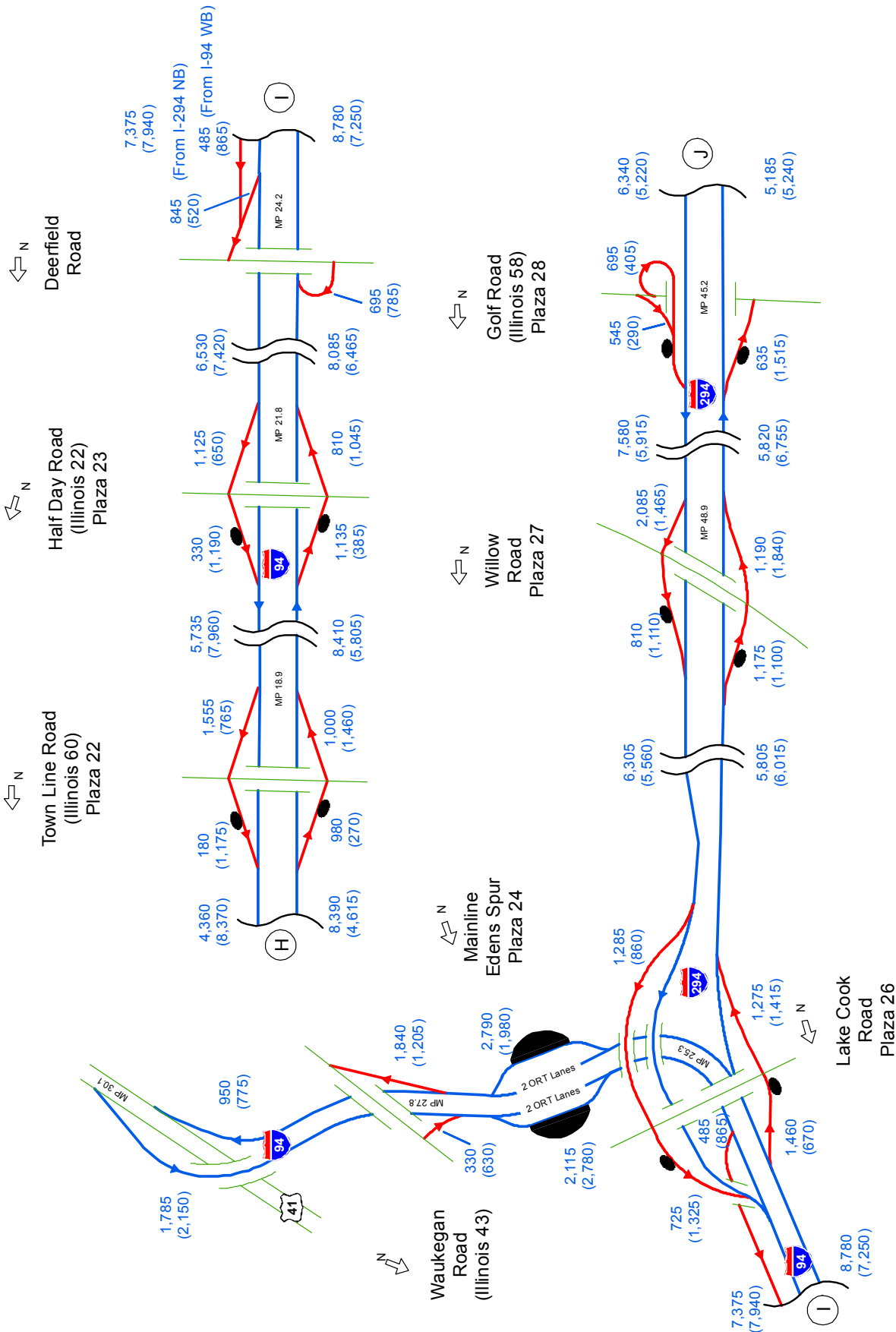
\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak





# 2017 A.M. & P.M. Peak Hour Traffic

## On Tri-State Tollway, from Town Line Road (Illinois 60) to Golf Road (Illinois 58) and Edens Spur



Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

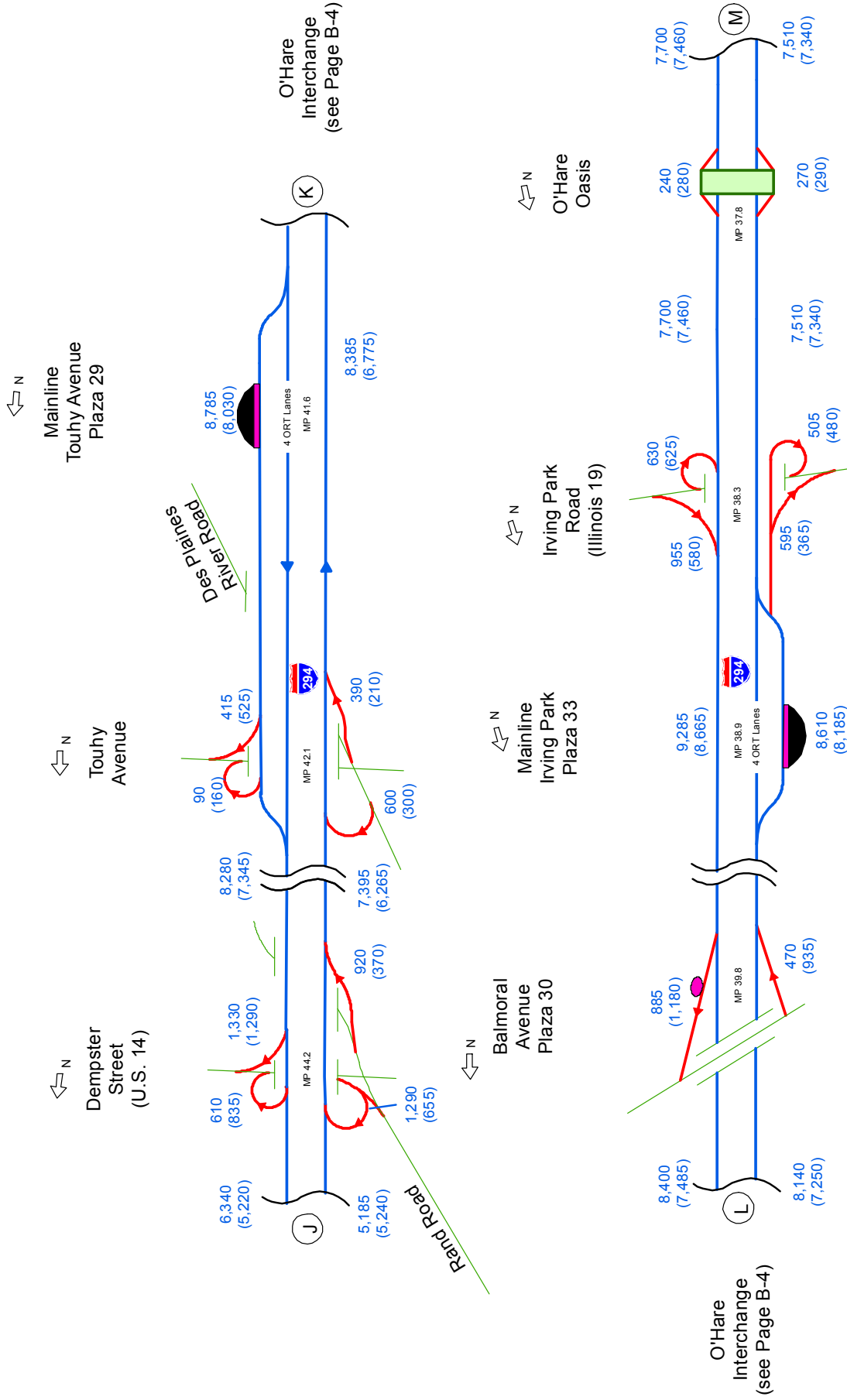
\*\*\*\* = A.M. Peak  
 (\*,\*\*\* ) = P.M. Peak





# 2017 A.M. & P.M. Peak Hour Traffic

On Tri-State Tollway, from Dempster Street to O'Hare Oasis



Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

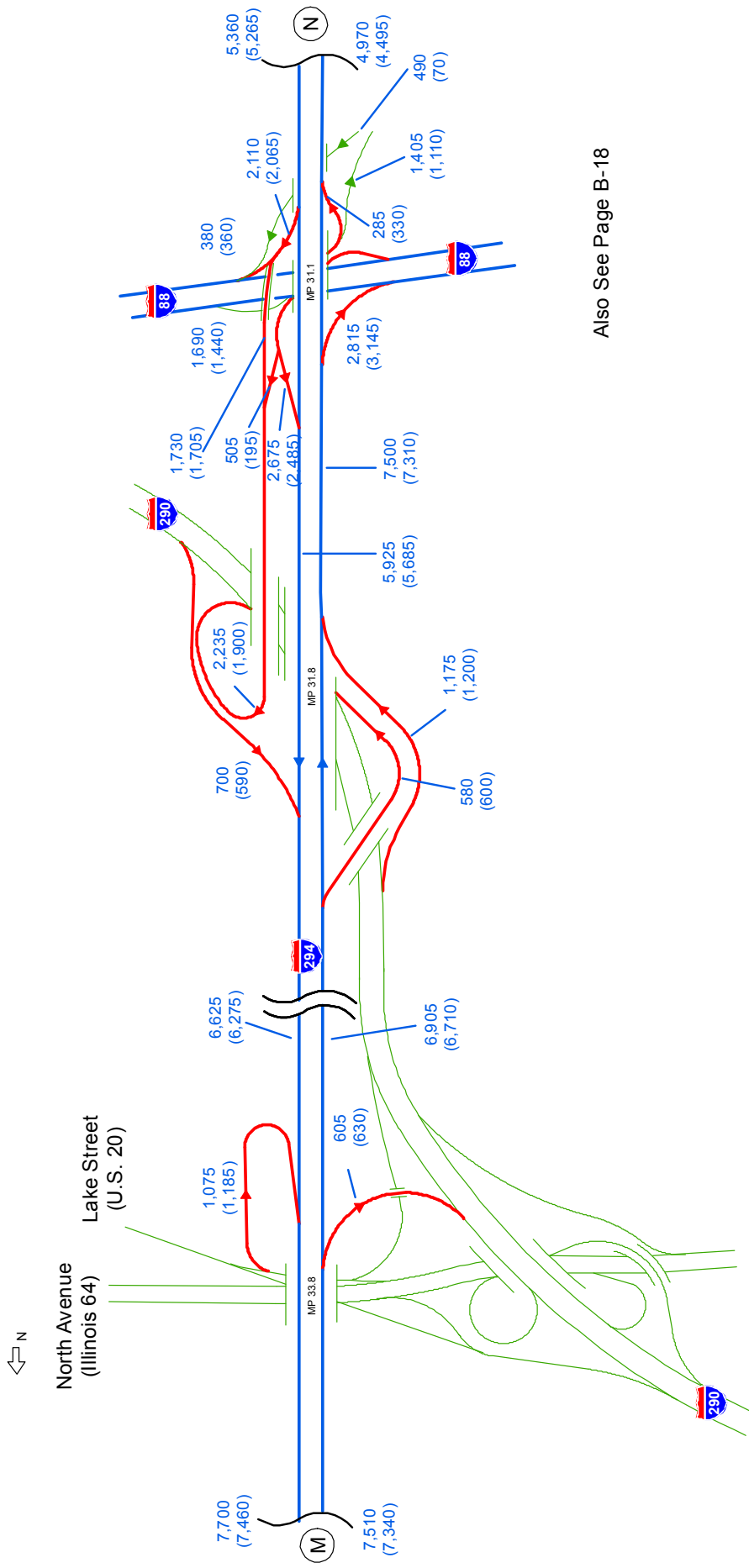
\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak





# 2017 A.M. & P.M. Peak Hour Traffic

On Tri-State Tollway, from North Avenue / Lake Street to Reagan Memorial Tollway (I-88)



Also See Page B-18

Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak

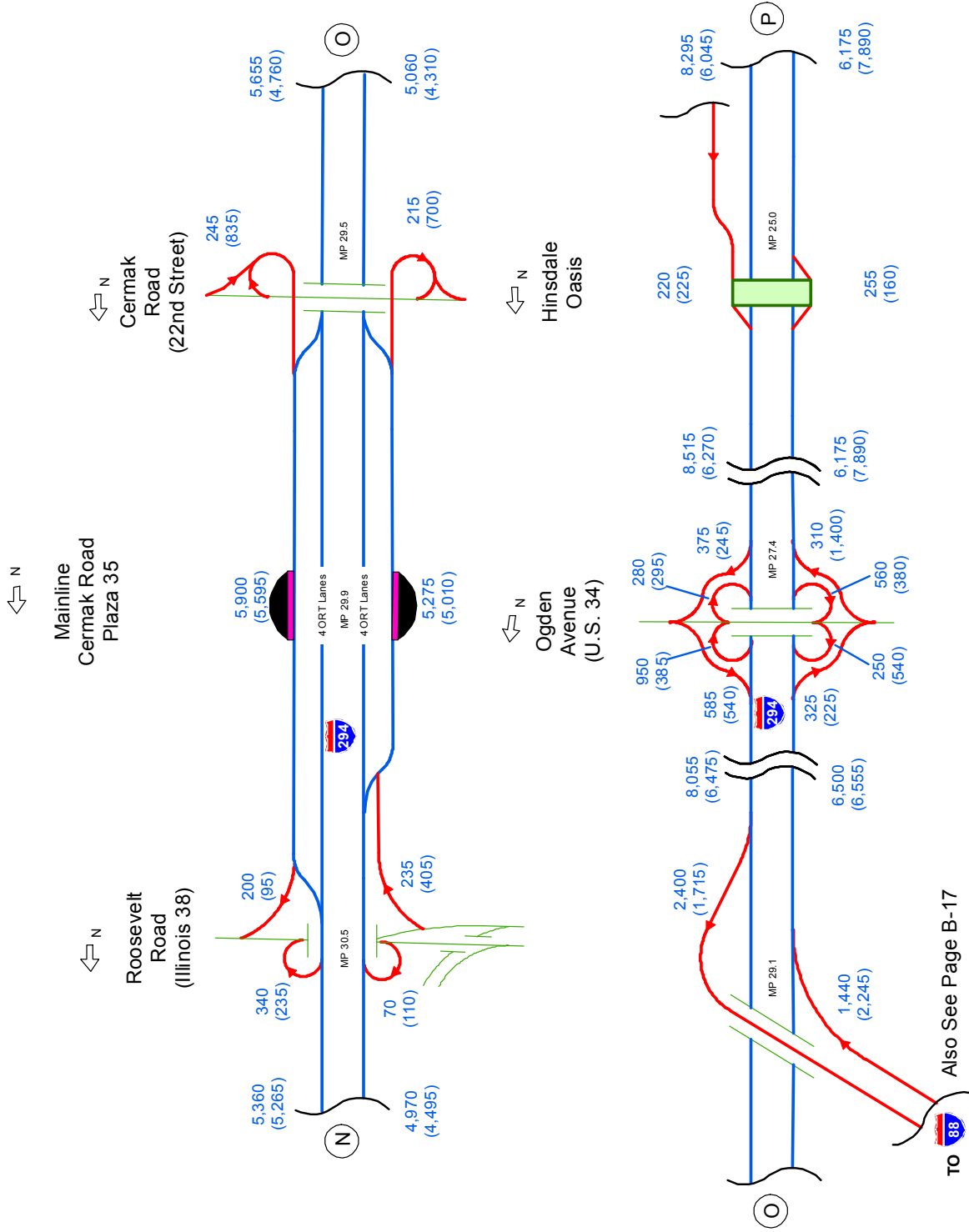






# 2017 A.M. & P.M. Peak Hour Traffic

On Tri-State Tollway, from Roosevelt Road to Hinsdale Oasis



Also See Page B-17

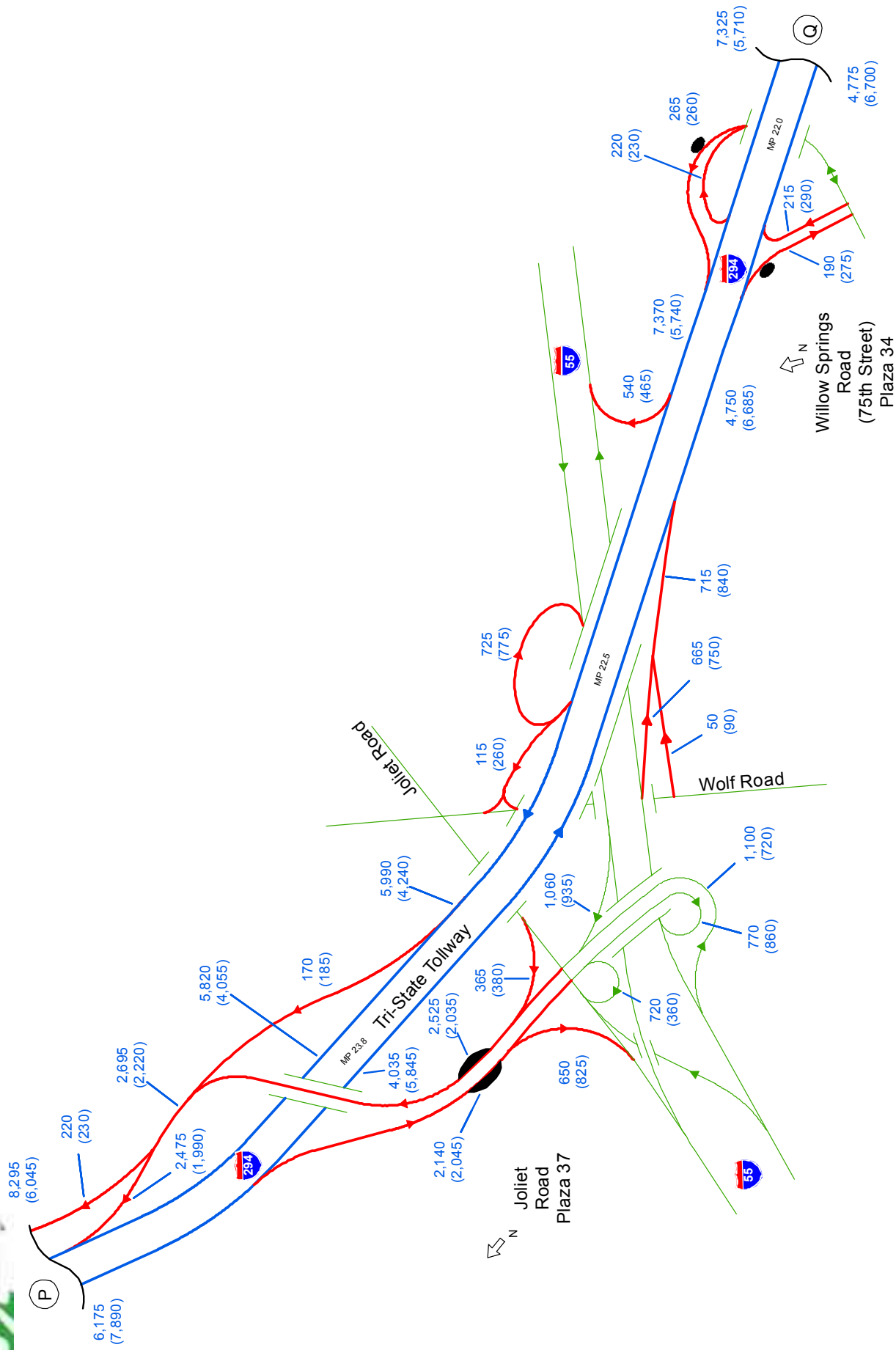
Note:  
The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

\*\*\*\* = A.M. Peak  
(\*,\*\*\* ) = P.M. Peak



# 2017 A.M. & P.M. Peak Hour Traffic

On Tri-State Tollway, from Joliet Road (Plaza 37) to Willow Springs Road (Plaza 34)



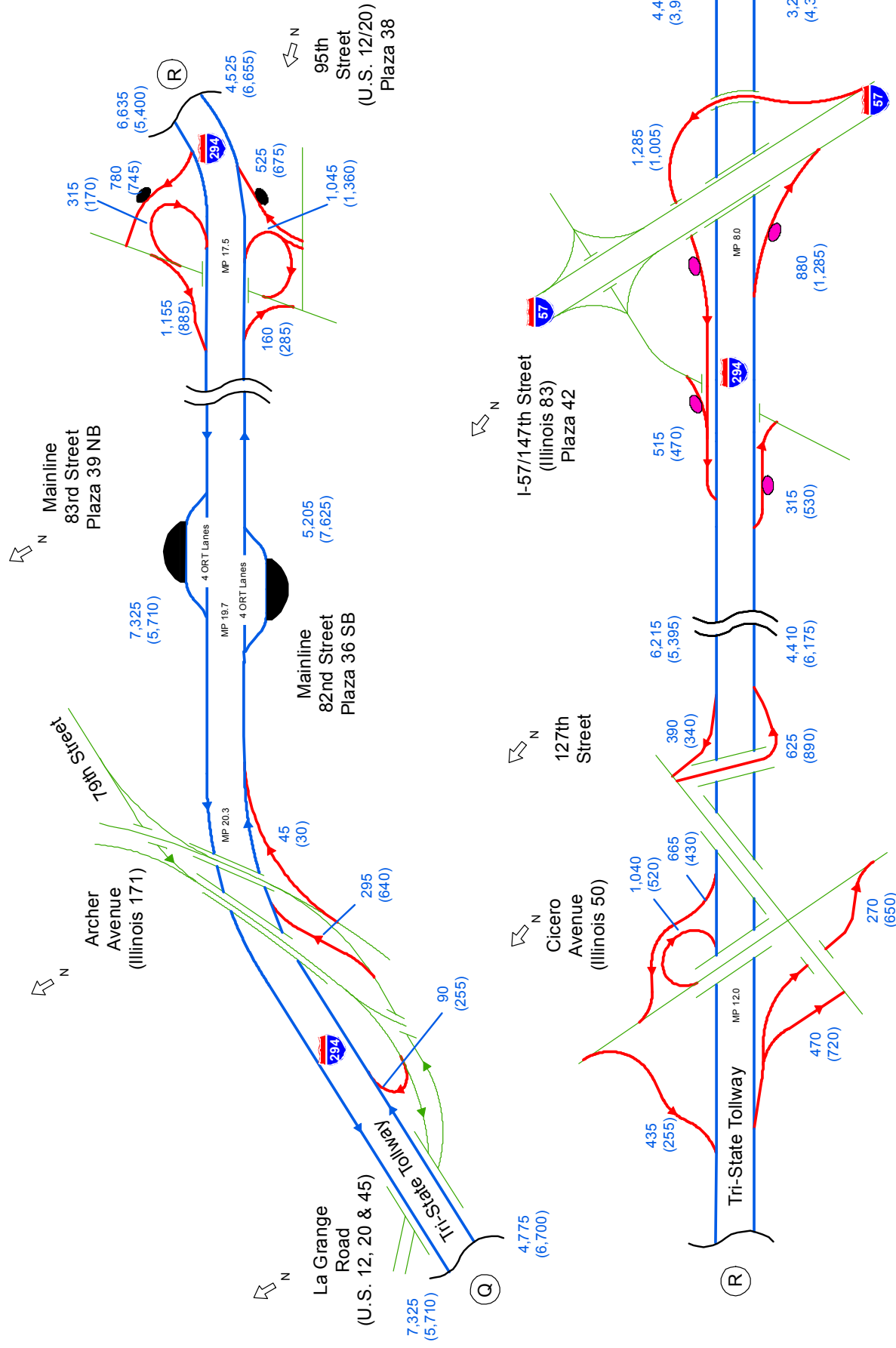
Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak



# 2017 A.M. & P.M. Peak Hour Traffic

On Tri-State Tollway, from Archer / Lagrange / 79th Street to 147th Street (Plaza 42) / I-57



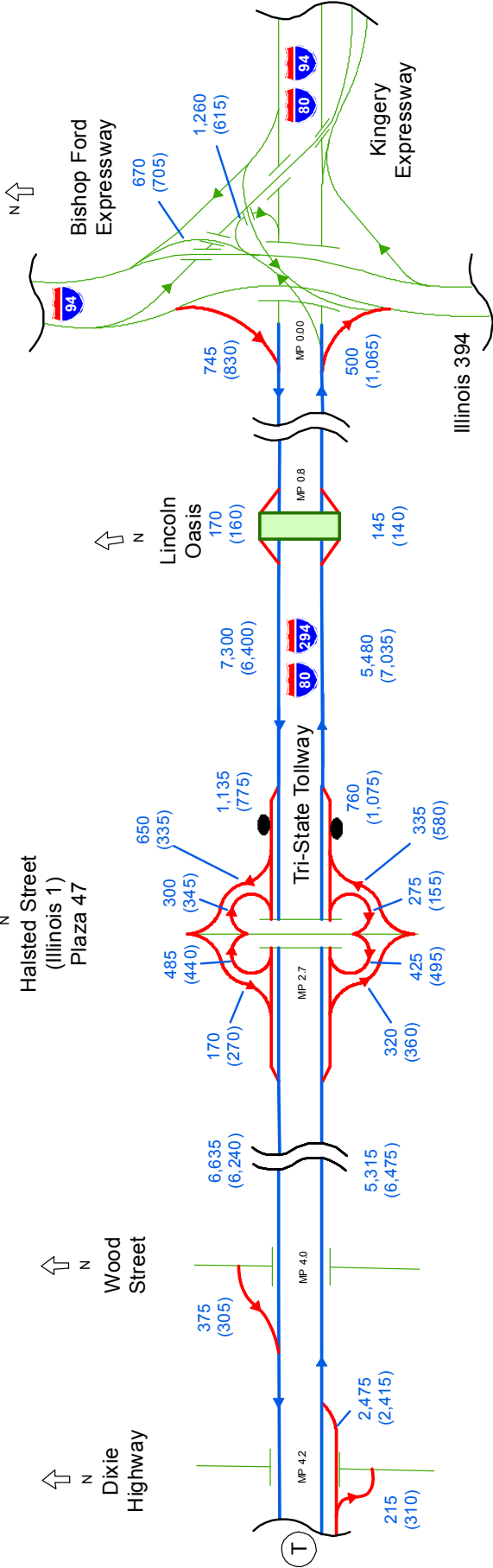
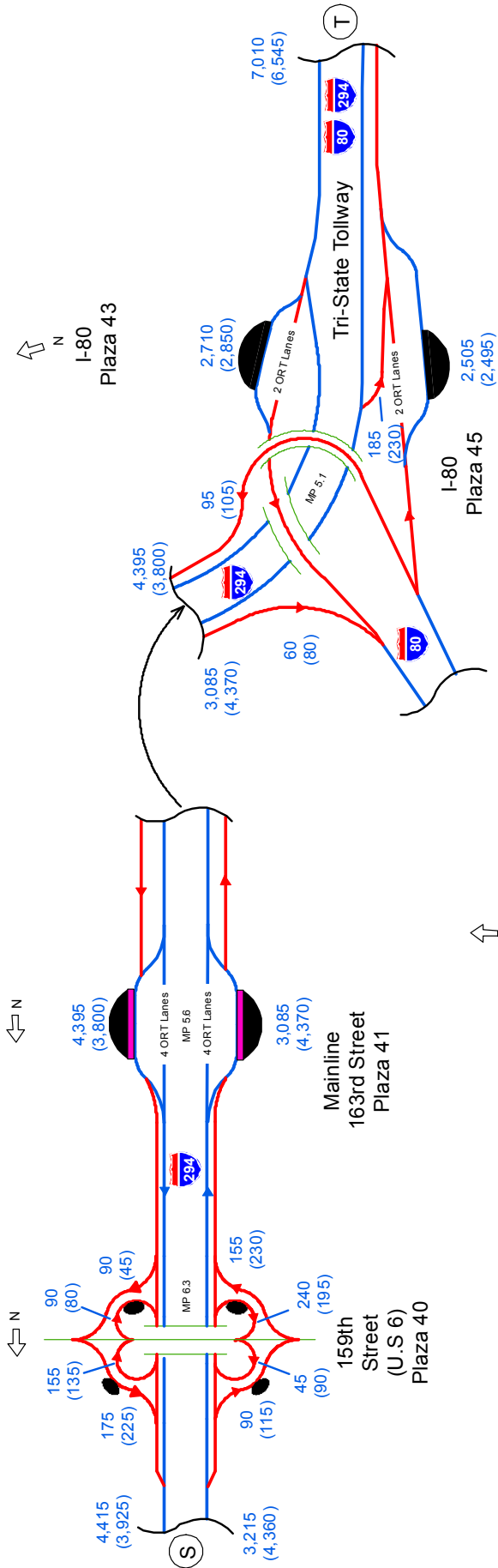
Note: The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak



# 2017 A.M. & P.M. Peak Hour Traffic

On Tri-State Tollway, from 159th Street (Plaza 40) to Bishop Ford / Kingery Expressway



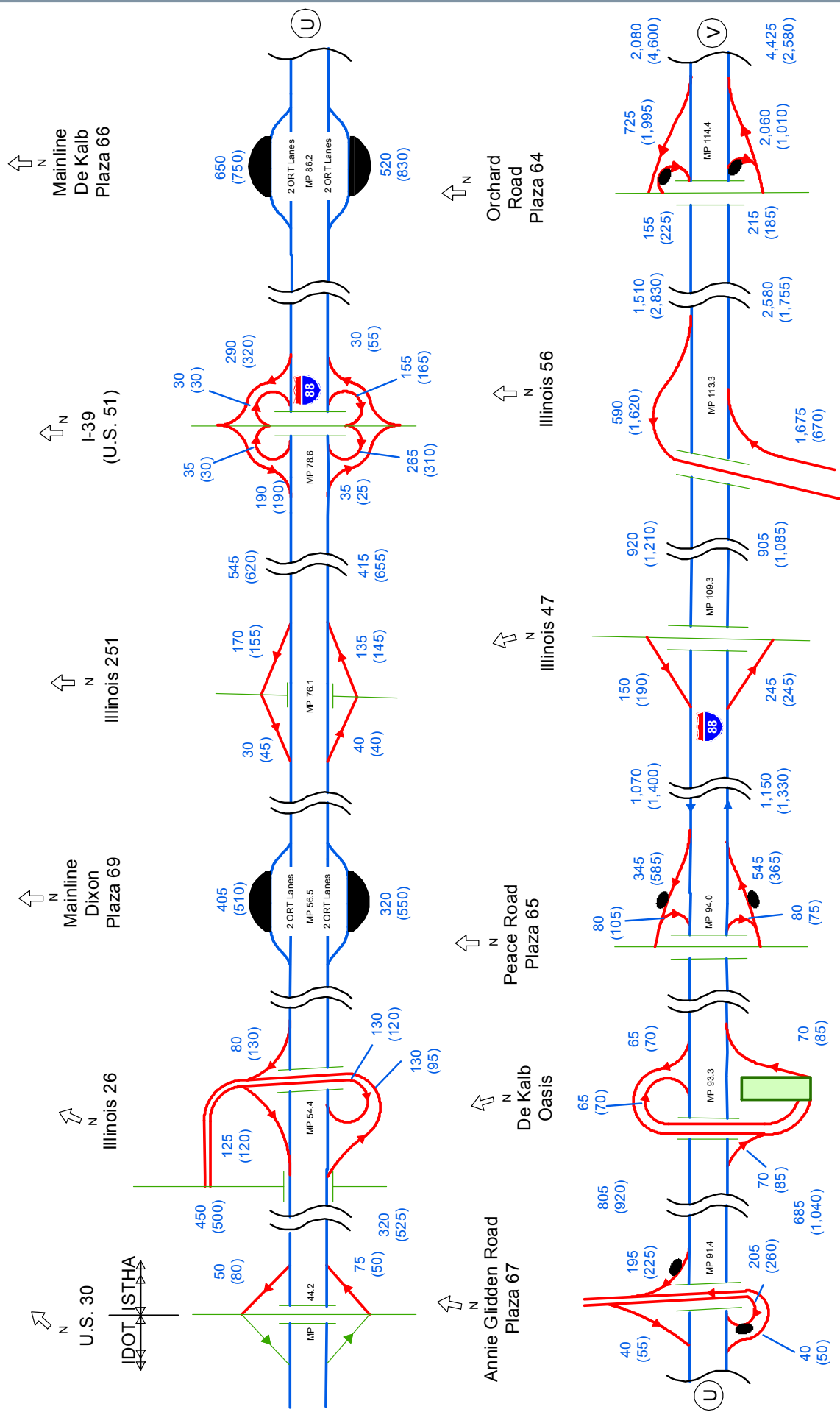
Note:  
The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

ISTHA IDOT  
\* \* \* \* = A.M. Peak  
(\* , \* \* \*) = P.M. Peak



# 2017 A.M. & P.M. Peak Hour Traffic

On Reagan Memorial Tollway, from Illinois 26 to Orchard Road



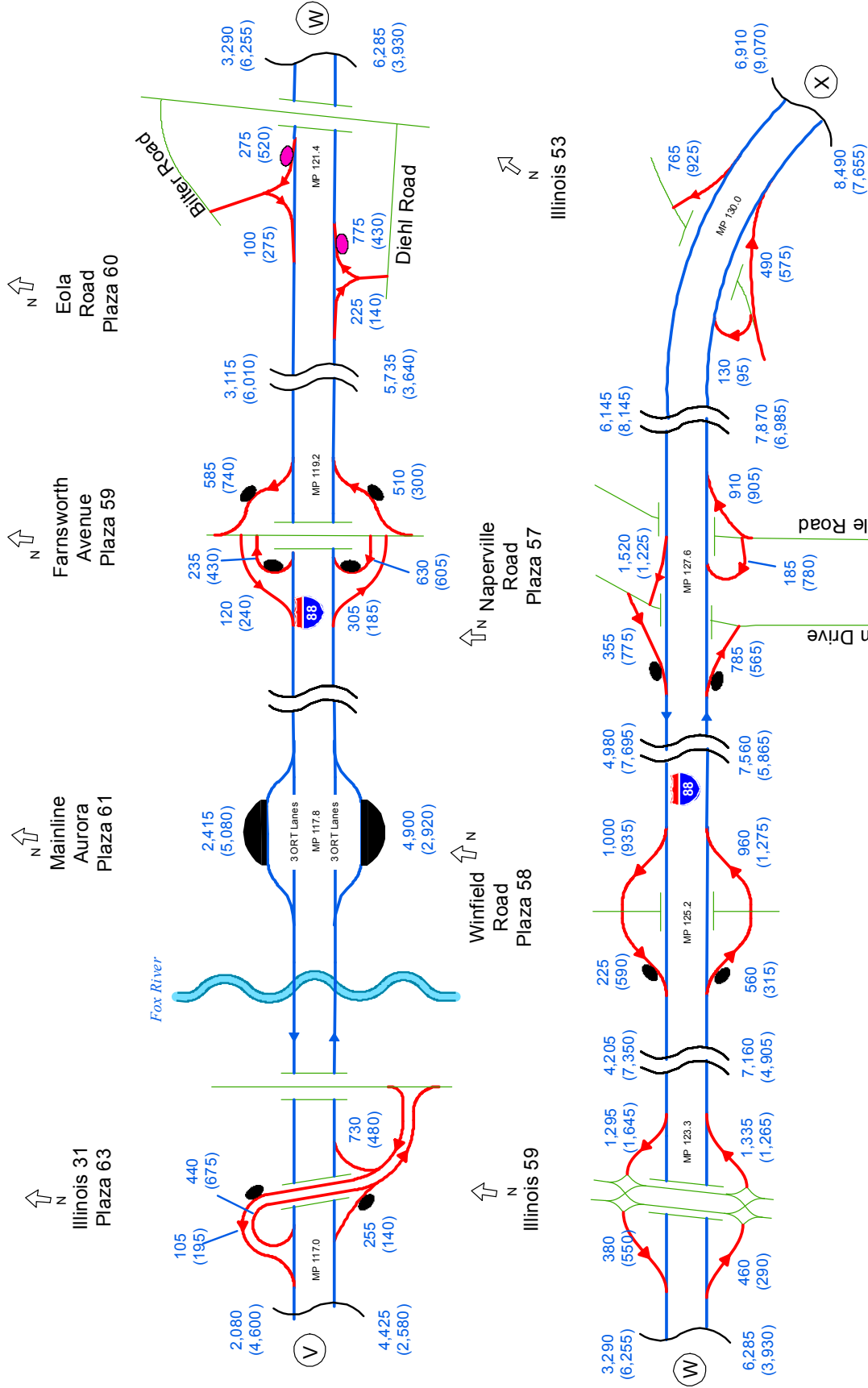
Note: The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.





# 2017 A.M. & P.M. Peak Hour Traffic

On Reagan Memorial Tollway, from Illinois 31 to Illinois 53



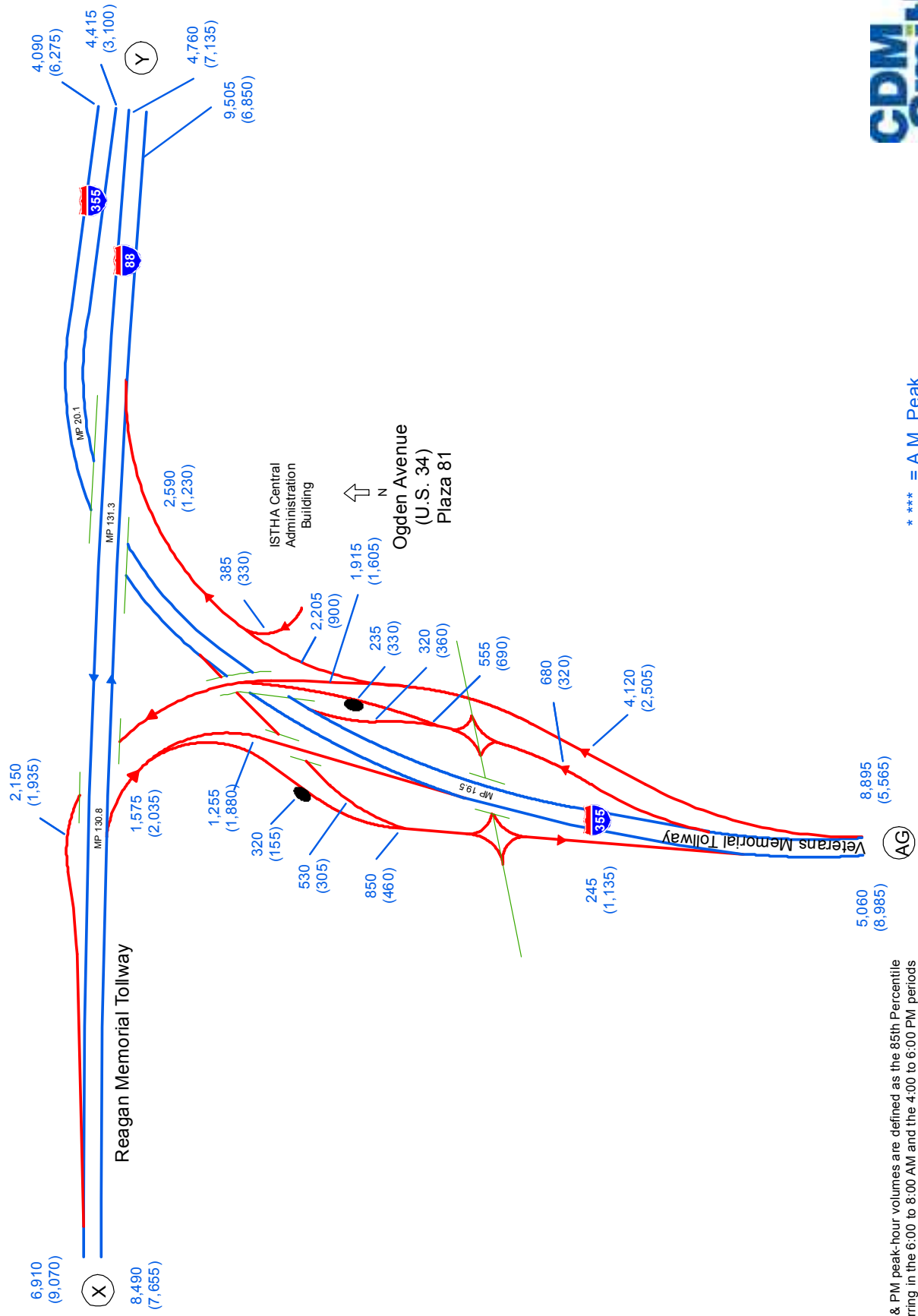
Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.





# 2017 A.M. & P.M. Peak Hour Traffic

## On Reagan Memorial Tollway, Veterans Memorial Tollway West Interchange



Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

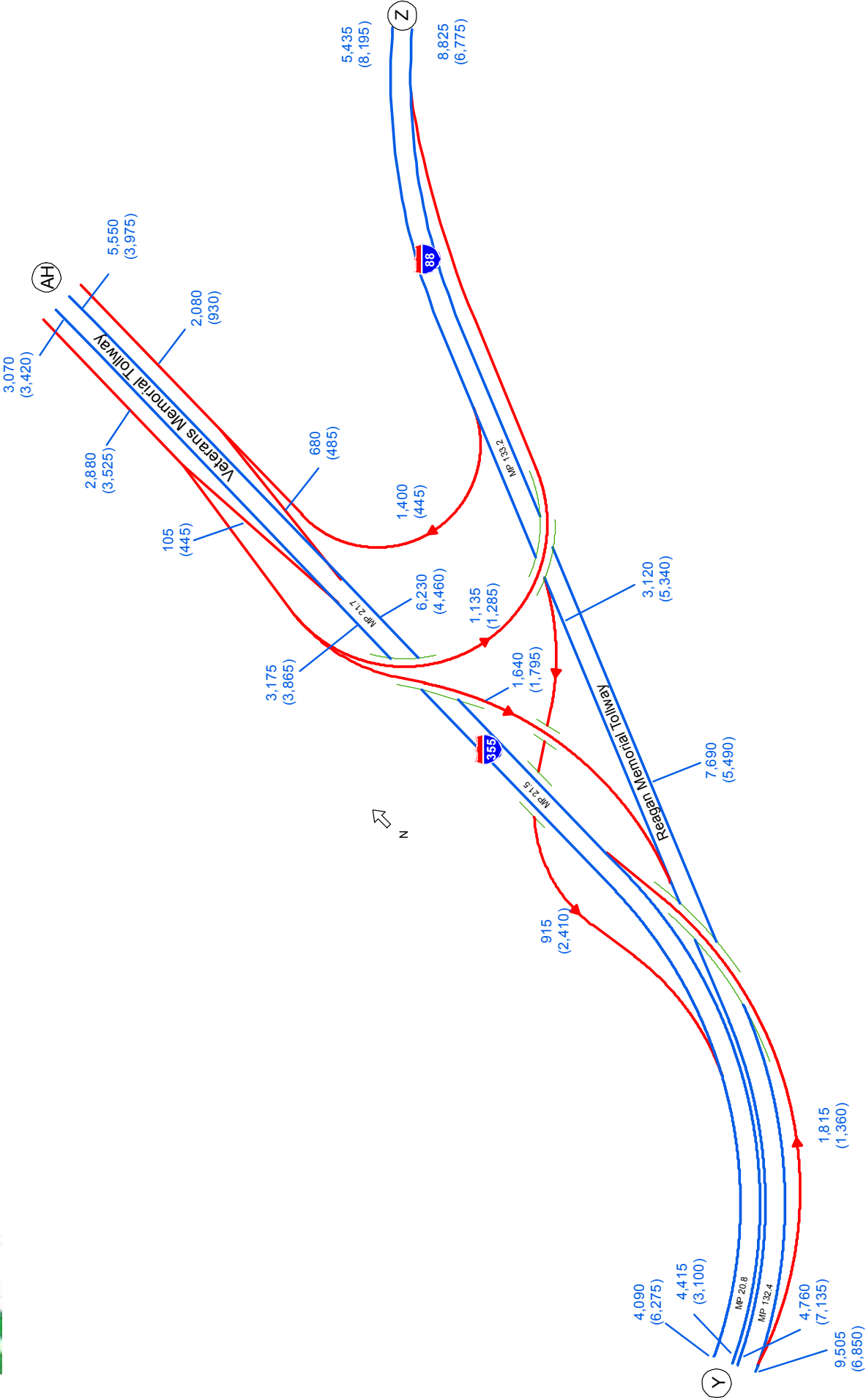
\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak





# 2017 A.M. & P.M. Peak Hour Traffic

## On Reagan Memorial Tollway, Veterans Memorial Tollway East Interchange



Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday traffic volume data only, and exclude holidays.

\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak

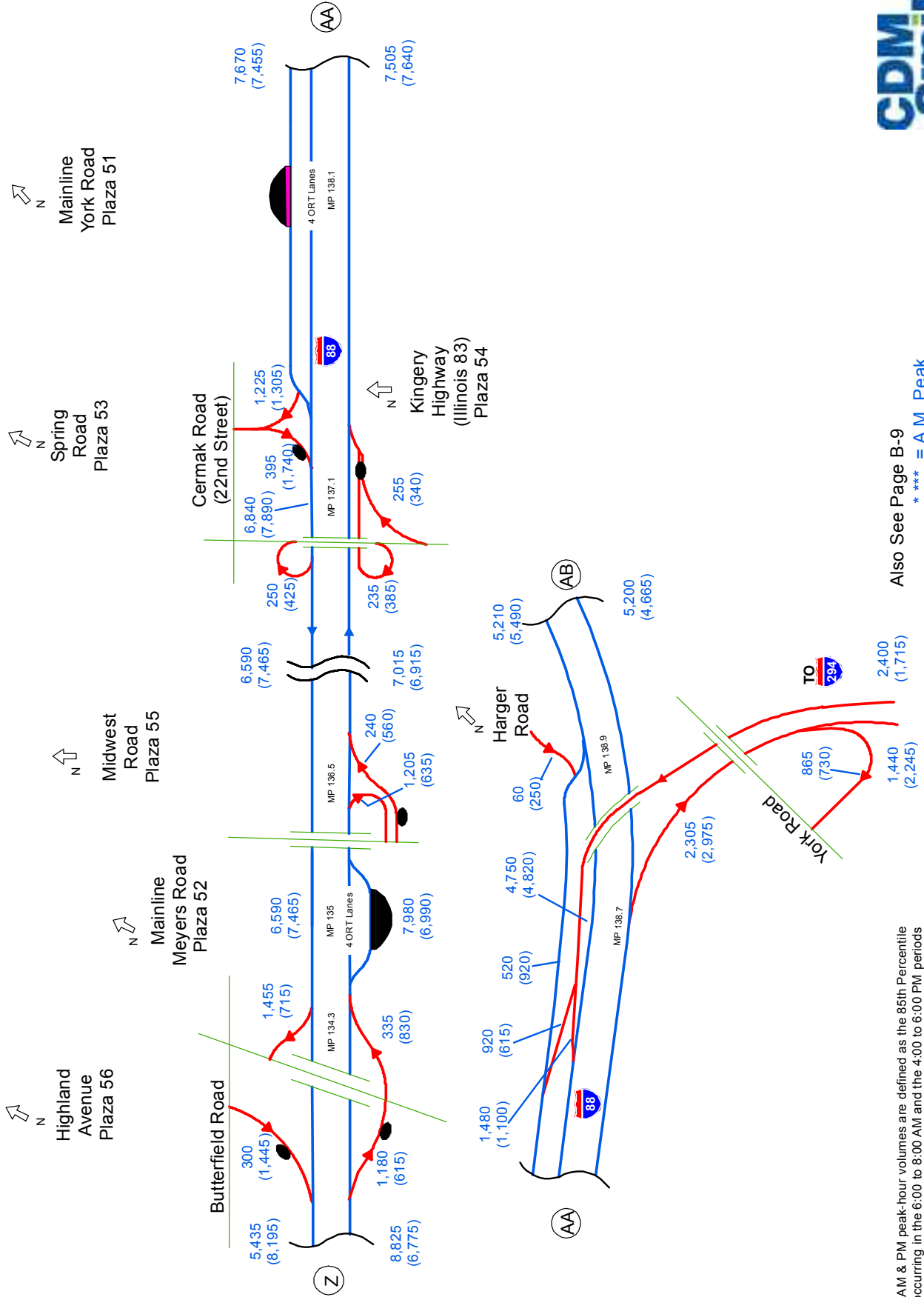






# 2017 A.M. & P.M. Peak Hour Traffic

On Reagan Memorial Tollway, from Highland Avenue to Harger Road



Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

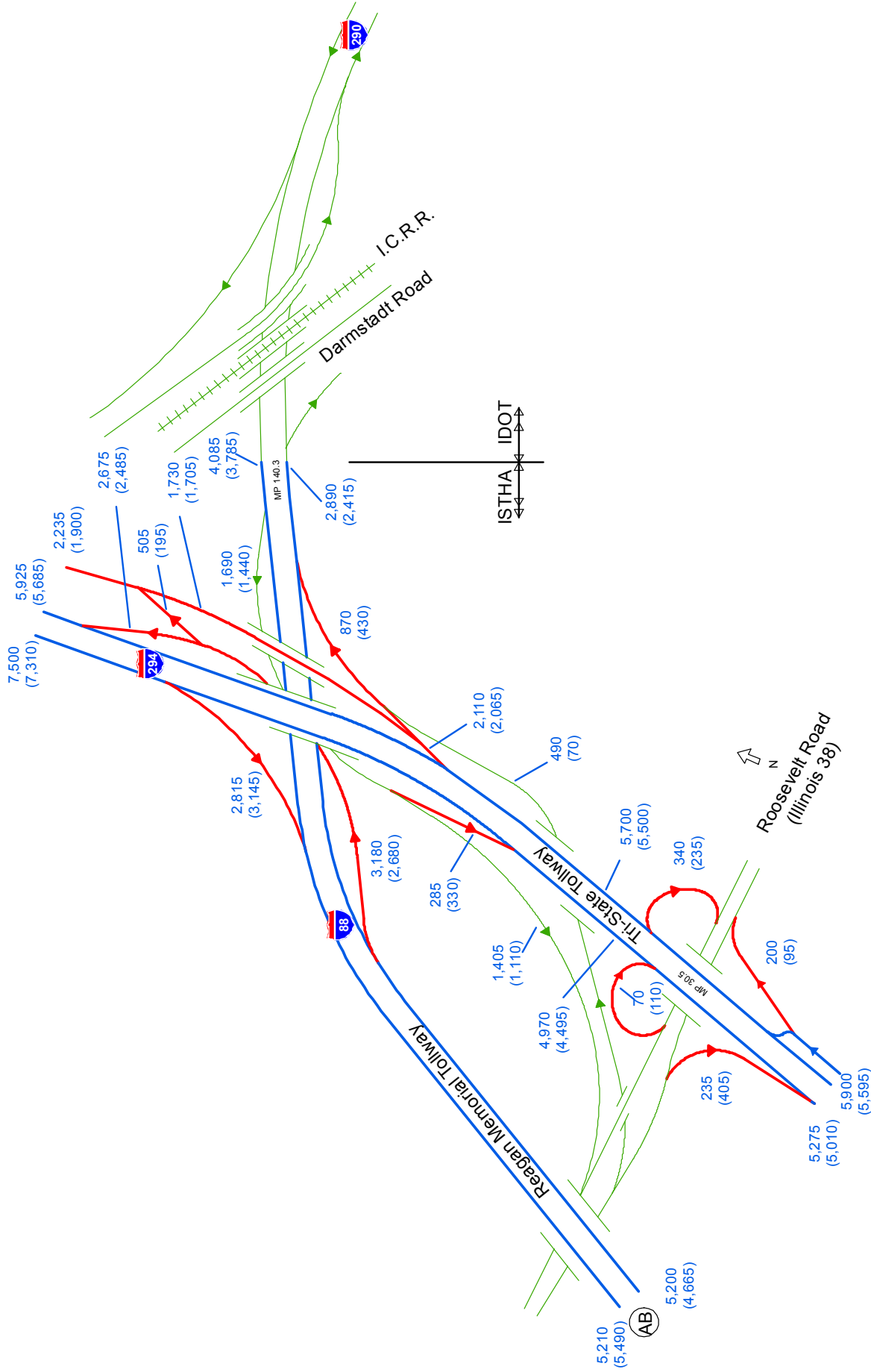
Also See Page B-9  
 \* \*\*\*\* = A.M. Peak  
 (\*, \*\*\*\*) = P.M. Peak





# 2017 A.M. & P.M. Peak Hour Traffic

On Reagan Memorial Tollway, from Roosevelt Road to Eisenhower Expressway (I-290)



Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

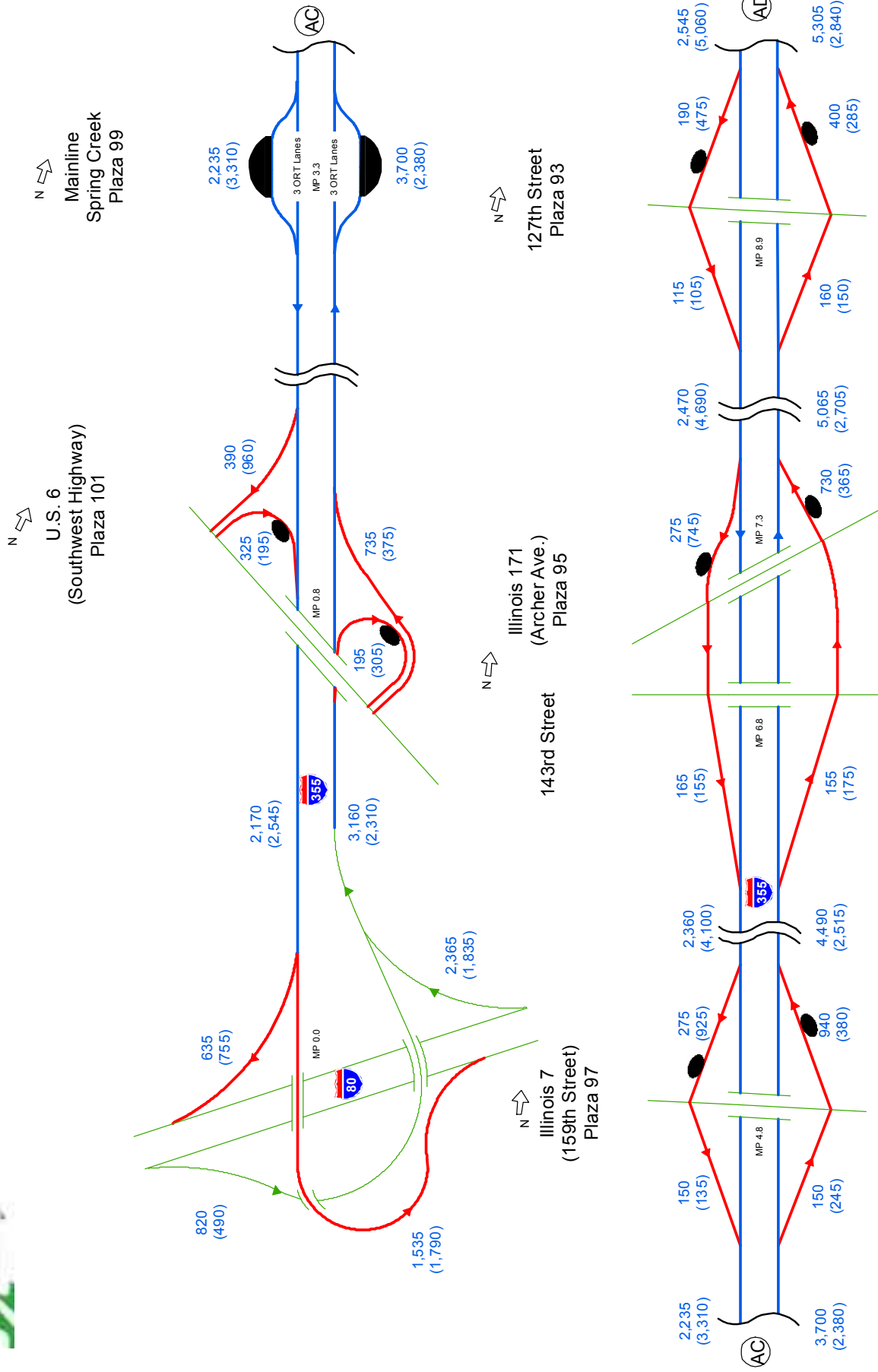
\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak





# 2017 A.M. & P.M. Peak Hour Traffic

On Veterans Memorial Tollway, from Interstate 80 to 127th Street



Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

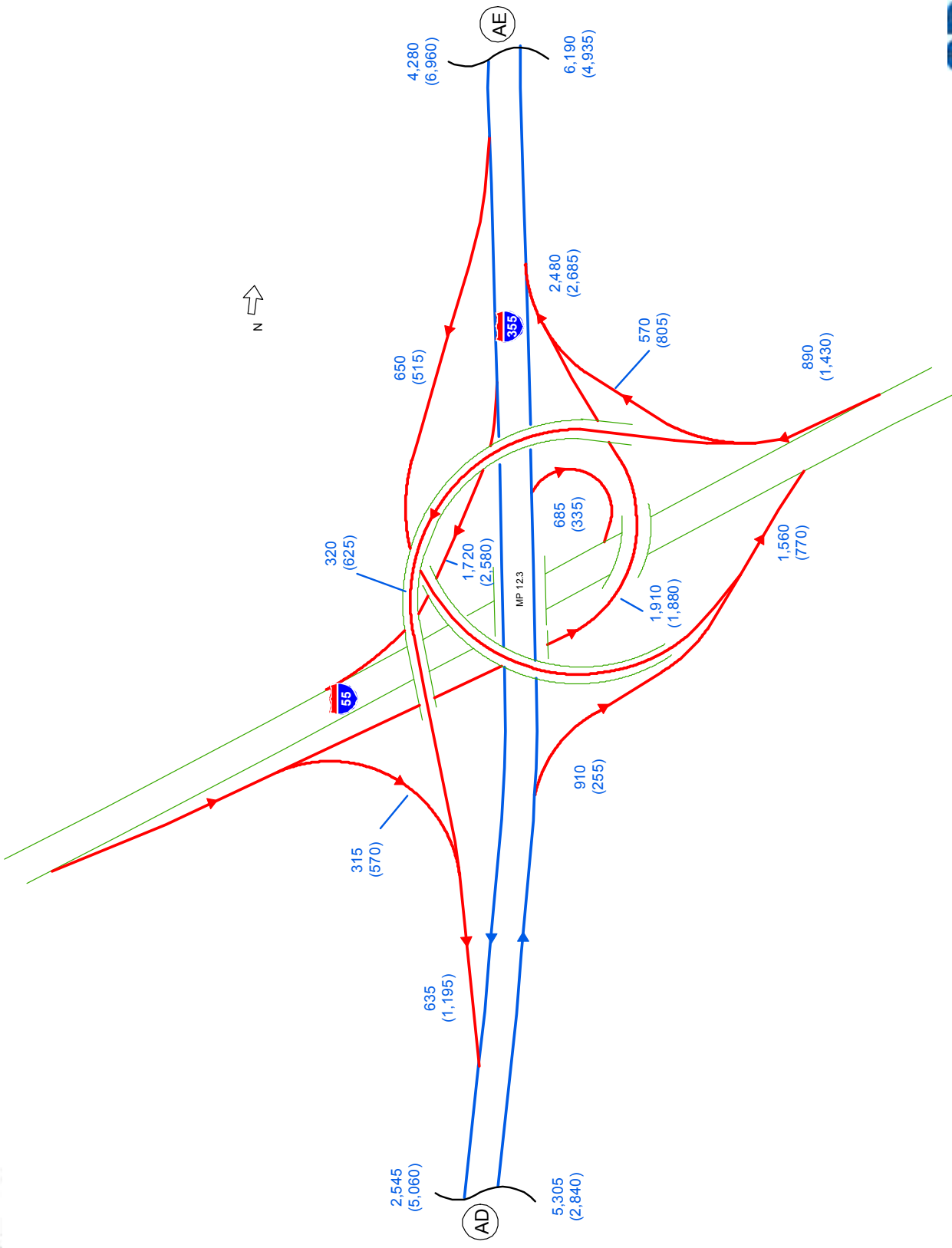
\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak





# 2017 A.M. & P.M. Peak Hour Traffic

On Veterans Memorial Tollway, At Interstate 55



Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

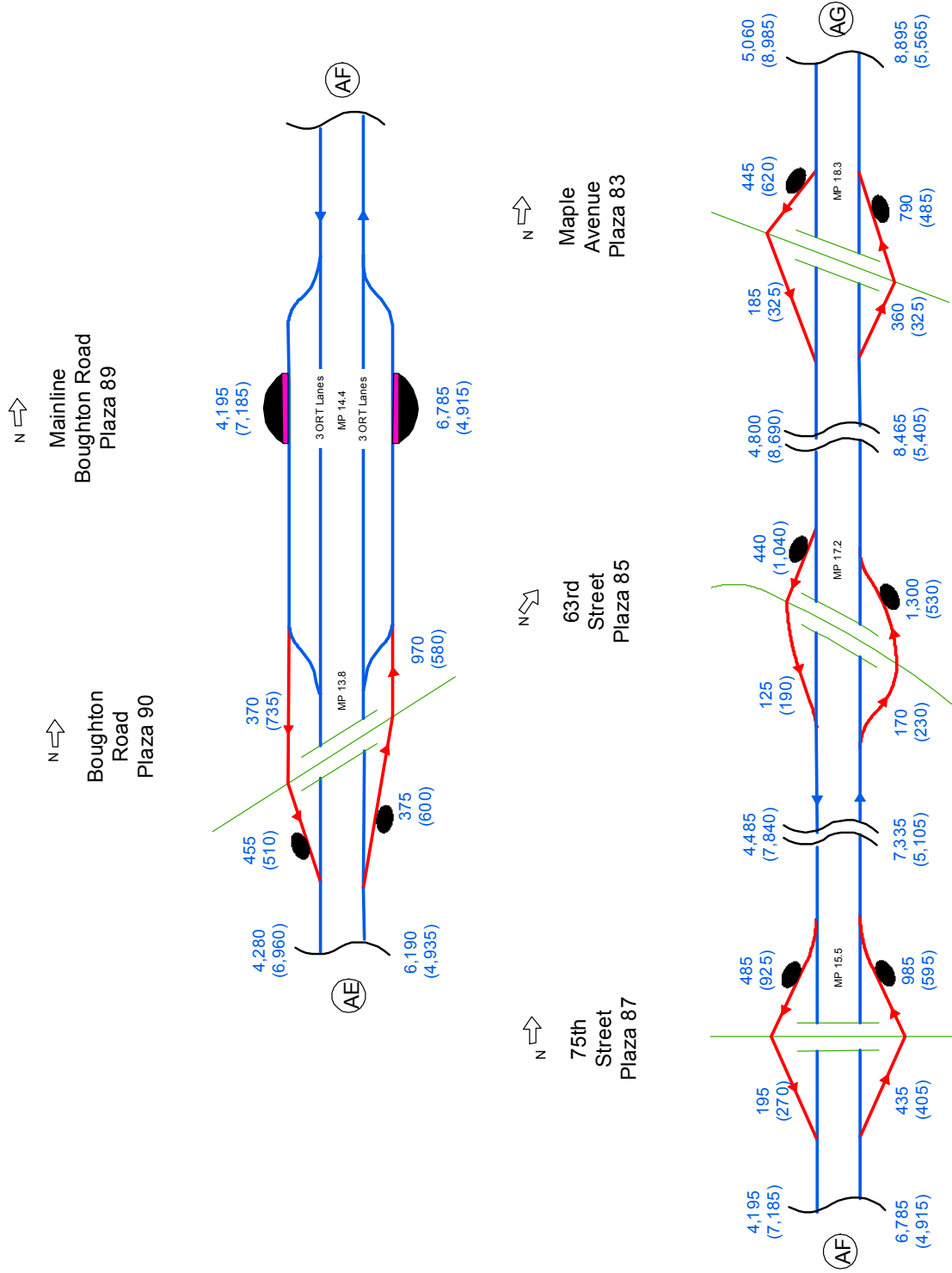
\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak





# 2017 A.M. & P.M. Peak Hour Traffic

On Veterans Memorial Tollway, from Boughton Road to Maple Avenue



Note: The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

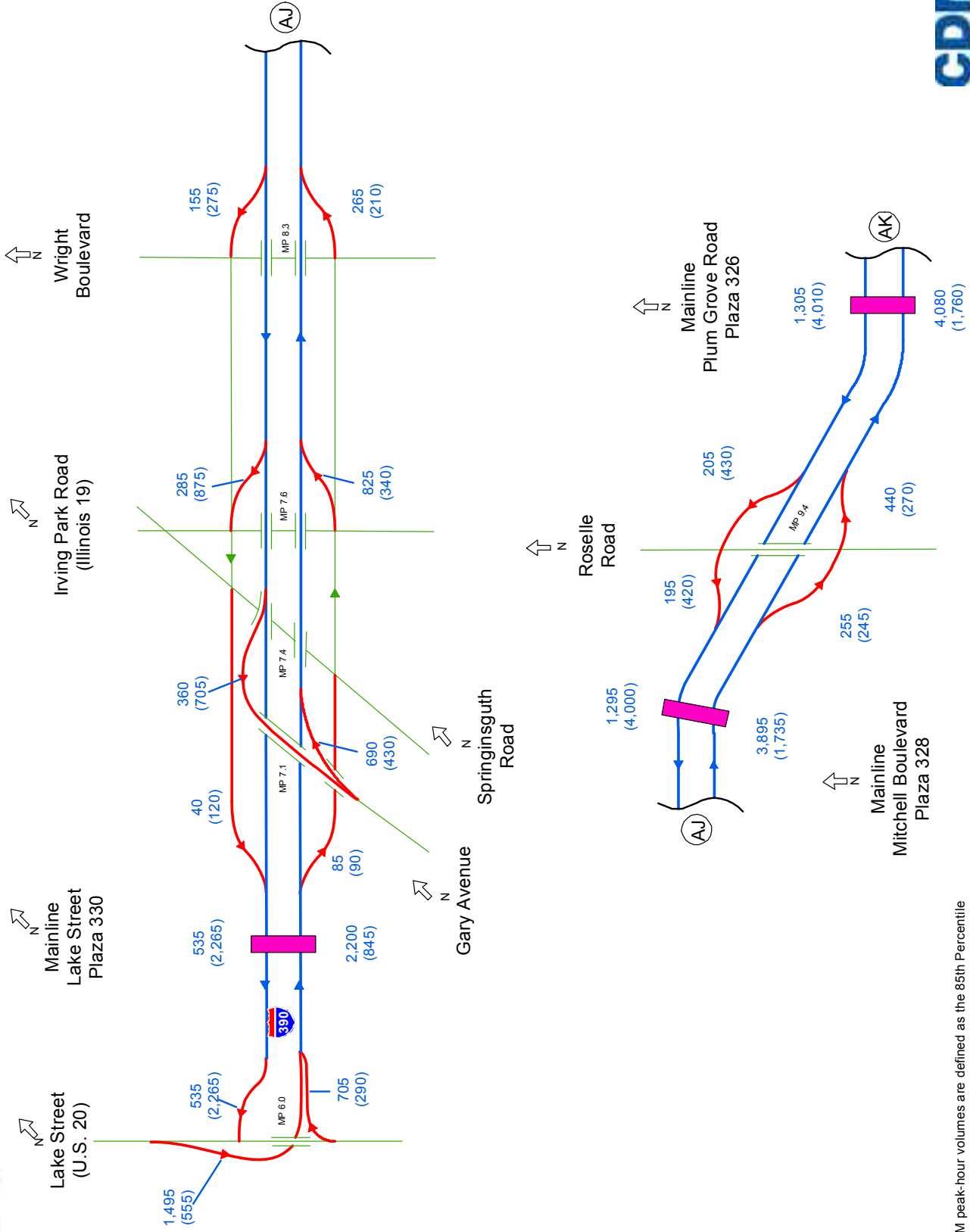






# 2017 A.M. & P.M. Peak Hour Traffic

On IL 390, from Lake Street to Plum Grove Road (Plaza 326)



Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

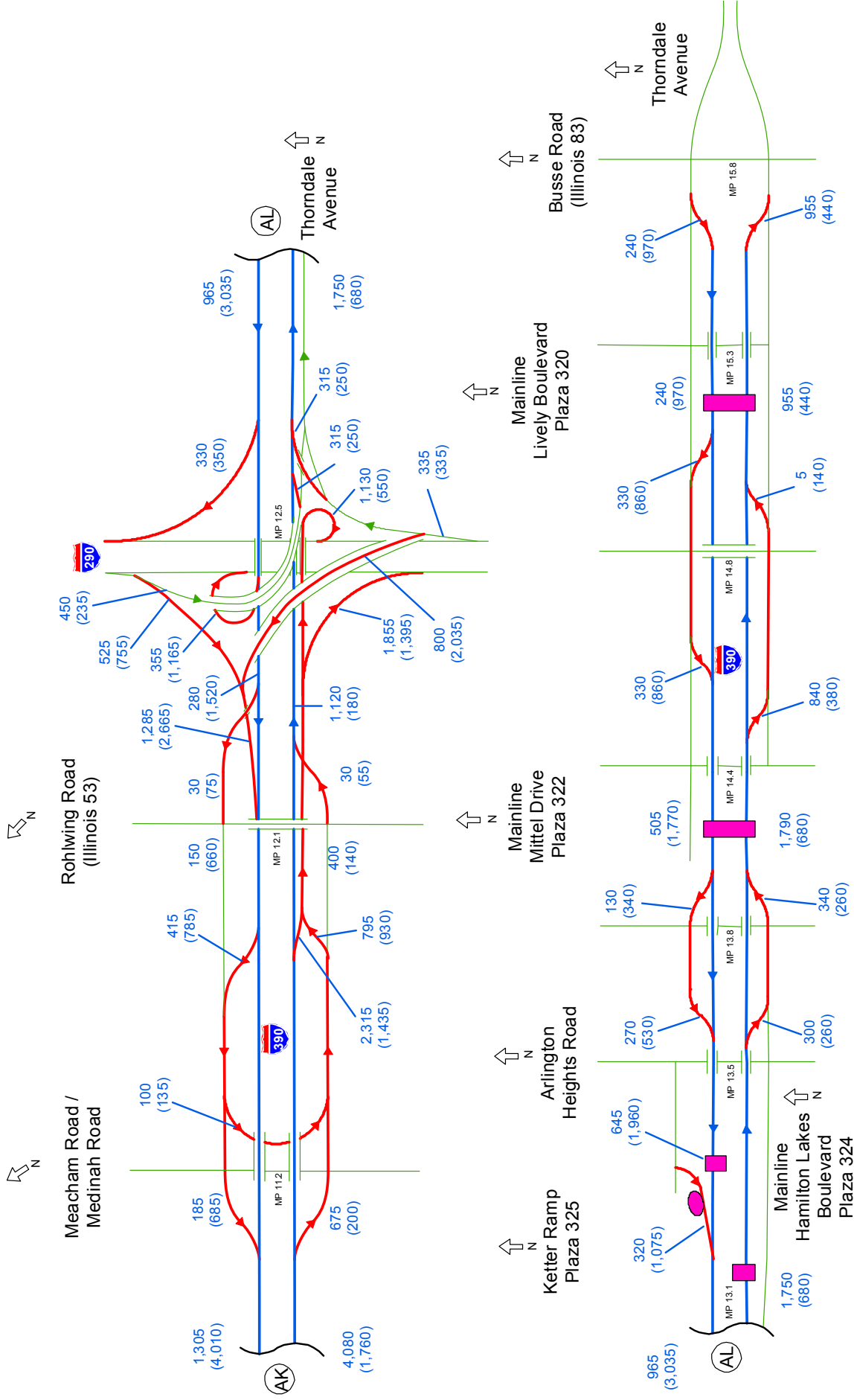
\* \*\* = A.M. Peak  
 (\*, \*\*) = P.M. Peak





# 2017 A.M. & P.M. Peak Hour Traffic

On IL 390, from Plum Grove Road (Plaza 326) to Busse Road (Illinois 83)



Note:  
 The 2016 AM & PM peak-hour volumes are defined as the 85th Percentile volumes occurring in the 6:00 to 8:00 AM and the 4:00 to 6:00 PM periods respectively. Peak-hour volumes are calculated from Monday through Thursday hourly traffic volume data only, and exclude holidays.

\* \*\*\* = A.M. Peak  
 (\*, \*\*\*) = P.M. Peak





Appendix C

# 2017 Lane Configuration Schematics





## 2017 CONSTRUCTION PROJECTS

Page #	Facility	Description	Milepost		Construction Schedule	
			Start	End	Start	End
<b>Illinois Tollway</b>						
C-1	I-90/39	Interchange Ramp Repairs Rockton Road East Riverside Boulevard	2.7 12.3		Spring 2017	Fall 2017
C-1	I-90/39	Mainline Bridge Repairs Burr Oak Road Stone Bridge Trail Illinois Route 173	5.4 5.9 8.9		Spring 2017	Summer 2017
C-1	I-90	Bridge Reconstruction Illinois Route 23	36.1		02/2017	11/2017
C-2	I-90	Interchange Reconstruction/Park-n-Ride Construction Barrington Road	62.2		Summer 2015	6/2018
C-3	I-90	Interchange Reconstruction Roselle Road WB Entrance	65.5		Fall 2017	Summer 2018
C-3	I-90	Interchange Reconstruction Elmhurst Road	73.5		Summer 2014	12/2017
C-5	I-94	Interchange Ramp Improvements Grand Avenue (Illinois Route 132)	8.4		Fall 2017	Spring 2018
C-6	I-294	Noise Wall Ballard Road to Golf Road	44.5	45.2	Spring 2017	Fall 2017
C-7, C-8	I-294	Bridge, Retaining Wall Repairs, and Emergency Turnarounds Various Locations between Balmoral Avenue and Butterfield Road	37.8	31.3	Spring 2017	12/2017
C-10, C-11	I-294	Bridge Repair Mile Long Bridge	22	20.4	2017	2018
C-11, C-12	I-294	Bridge and Ramp Repairs on South Tri- State Tollway Bishop Ford Freeway (I-94/IL 394) and 95th Street (US 12/20)	17.5	0	Spring 2017	Spring 2018
C-13	I-88	Roadway Resurfacing Between U.S. Route 30 and U.S. Route 52	44.2	55.1	2016	Summer 2017
C-14	I-88	Interchange Improvement Farnsworth Avenue	119.2		05/2016	2017
C-24	IL 390	Interchange Reconstruction I-290 at Illinois Route 390	12.5		Summer 2014	10/2017
C-25	IL 390	Illinois Route 390 Construction I-290 to Illinois Route 83	12.5	15.9	2015	10/2017



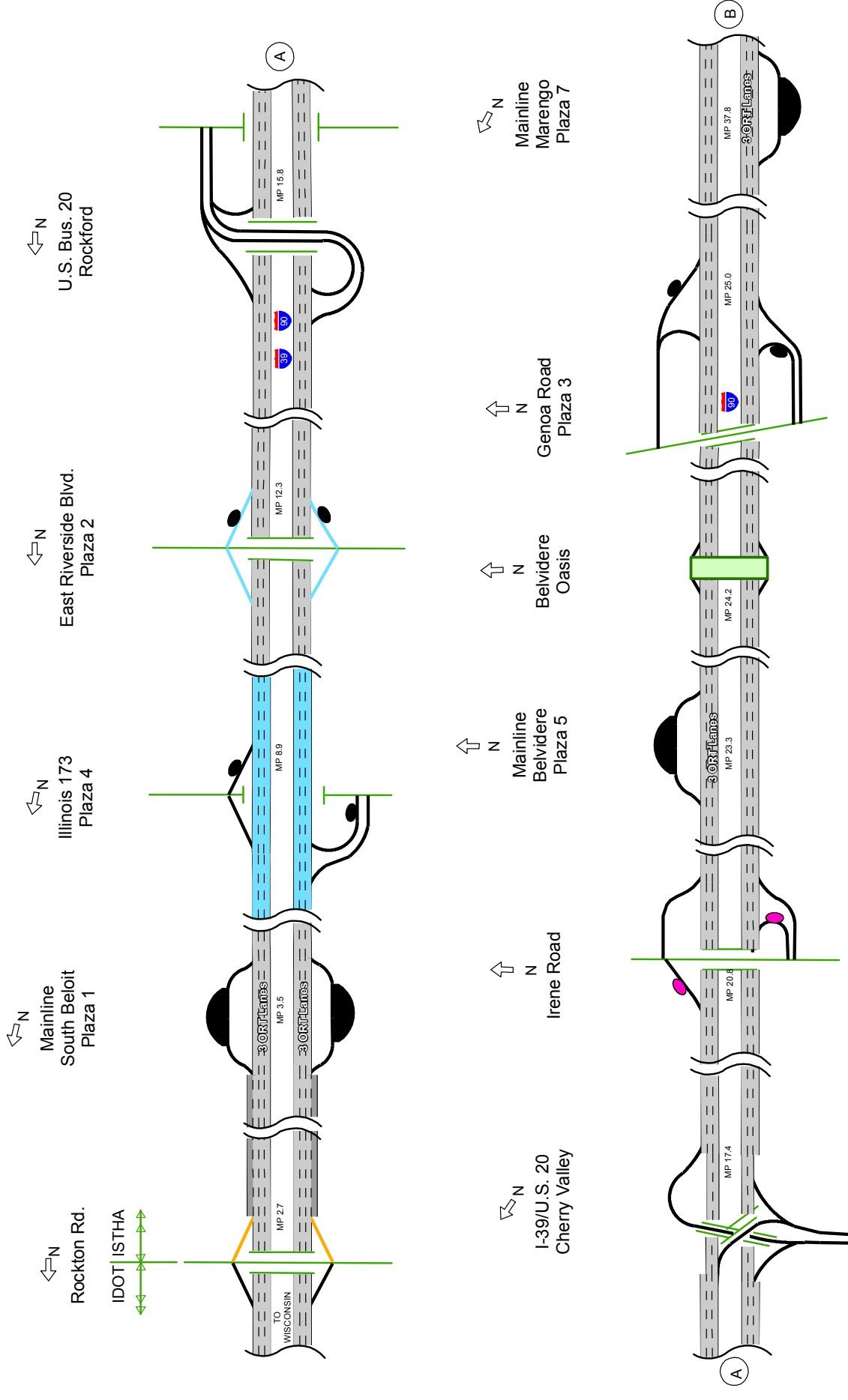
## 2017 CONSTRUCTION PROJECTS

Page #	Facility	Description	Milepost		Construction Schedule	
			Start	End	Start	End
<b>IDOT/INDOT Expressway System</b>						
N/A	I-90	Add Lane and Cumberland Flyover I-190 to Harlem Avenue			2017	2018
N/A	I-90/94	Jane Byrne Interchange Project I-90/94 at I-290			2015	2020
N/A	I-55	Interchange Reconstruction U.S. Route 41 (Lake Shore Drive)			05/2015	Fall 2017
N/A	I-55	Roadway Resurfacing Weber Road to Willow Springs Road			Spring 2017	Fall 2017
N/A	I-80/94	Roadway Rehabilitation (INDOT) Illinois State Line to I-65			2017	2018
C-11	Cicero Ave. (IL 50)	Cal Sag River Bridge Repair 127th Street to 135th Street, with closure of SB Tri-State ramp to SB Cicero Avenue			October 2017	December 2017



# 2017 Lane Configuration

## On Jane Addams Memorial Tollway, from Rockton Road to Marengo (Plaza 7)



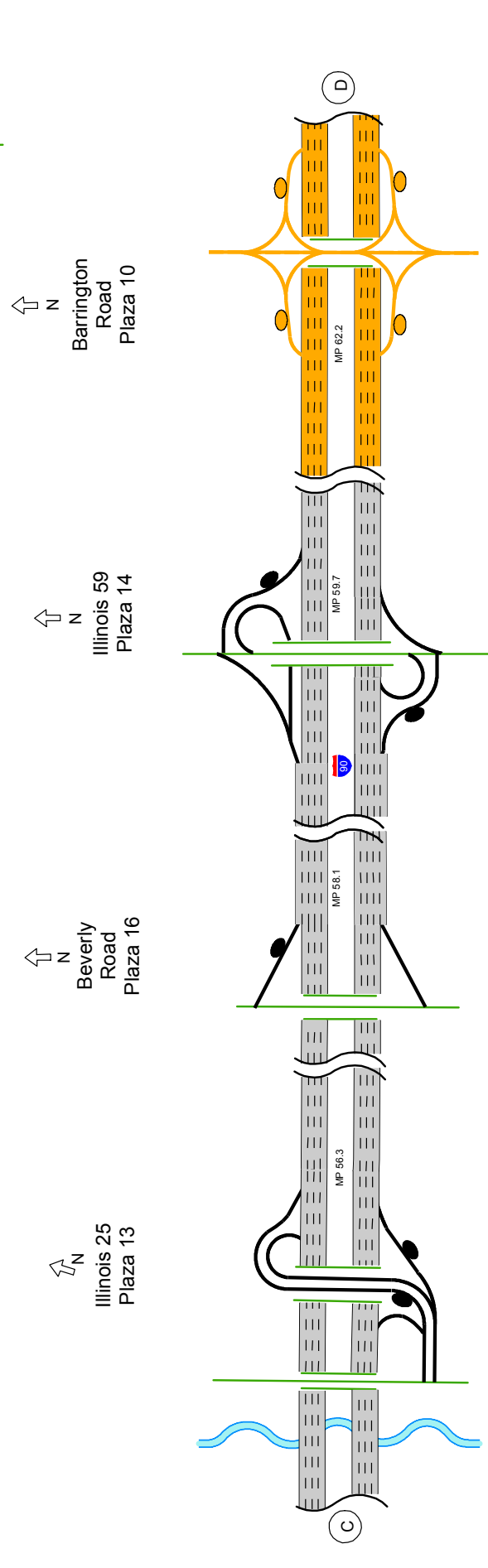
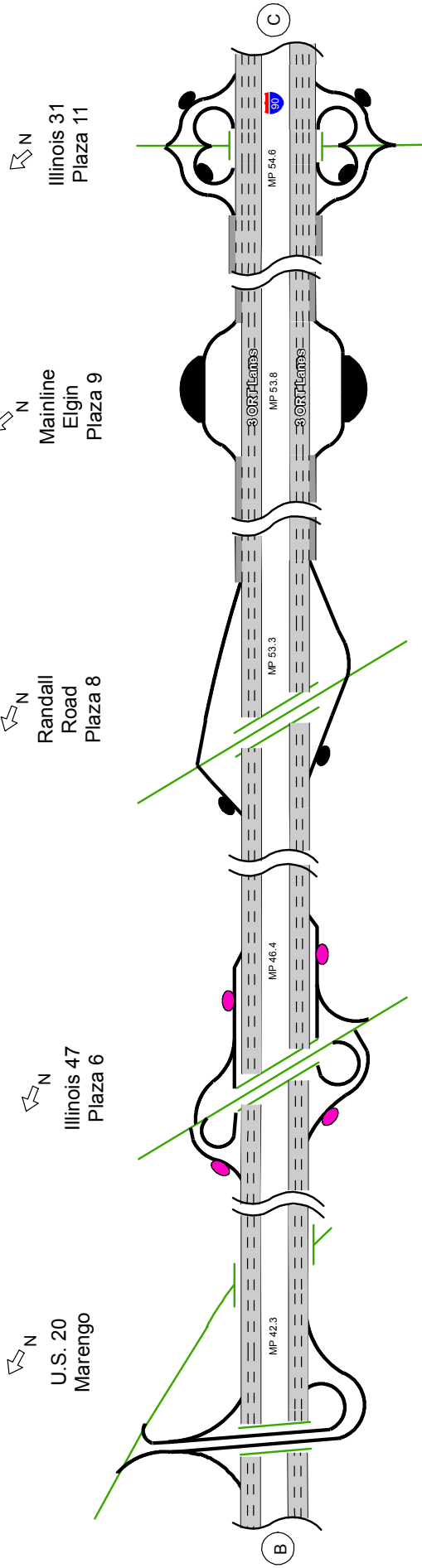
Rehabilitation Project  
Construction Project





# 2017 Lane Configuration

On Jane Addams Memorial Tollway, from U.S. 20, Marengo to Barrington Road



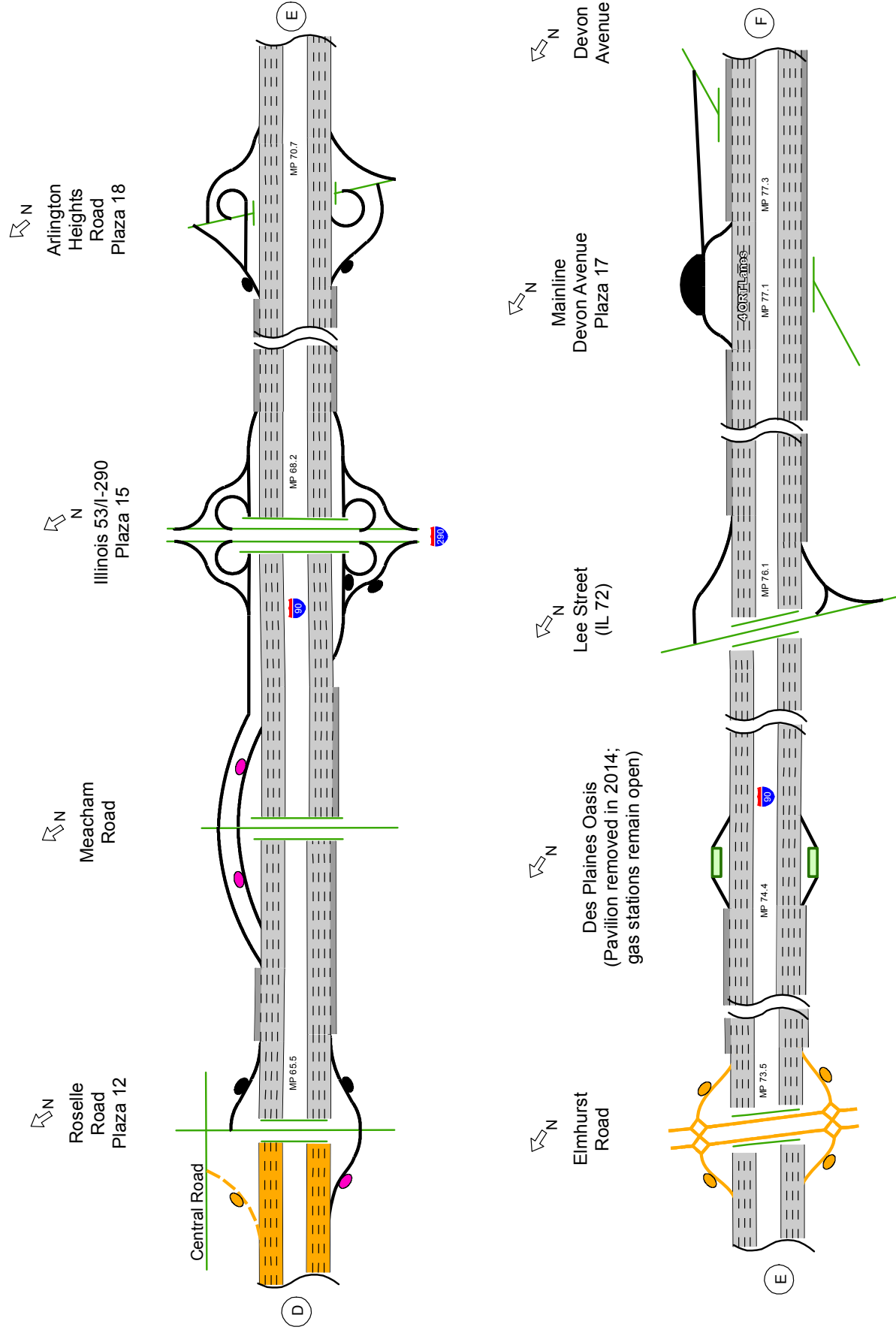
- Rehabilitation Project
- Construction Project





# 2017 Lane Configuration

On Jane Addams Memorial Tollway, from Roselle Road to Devon Avenue



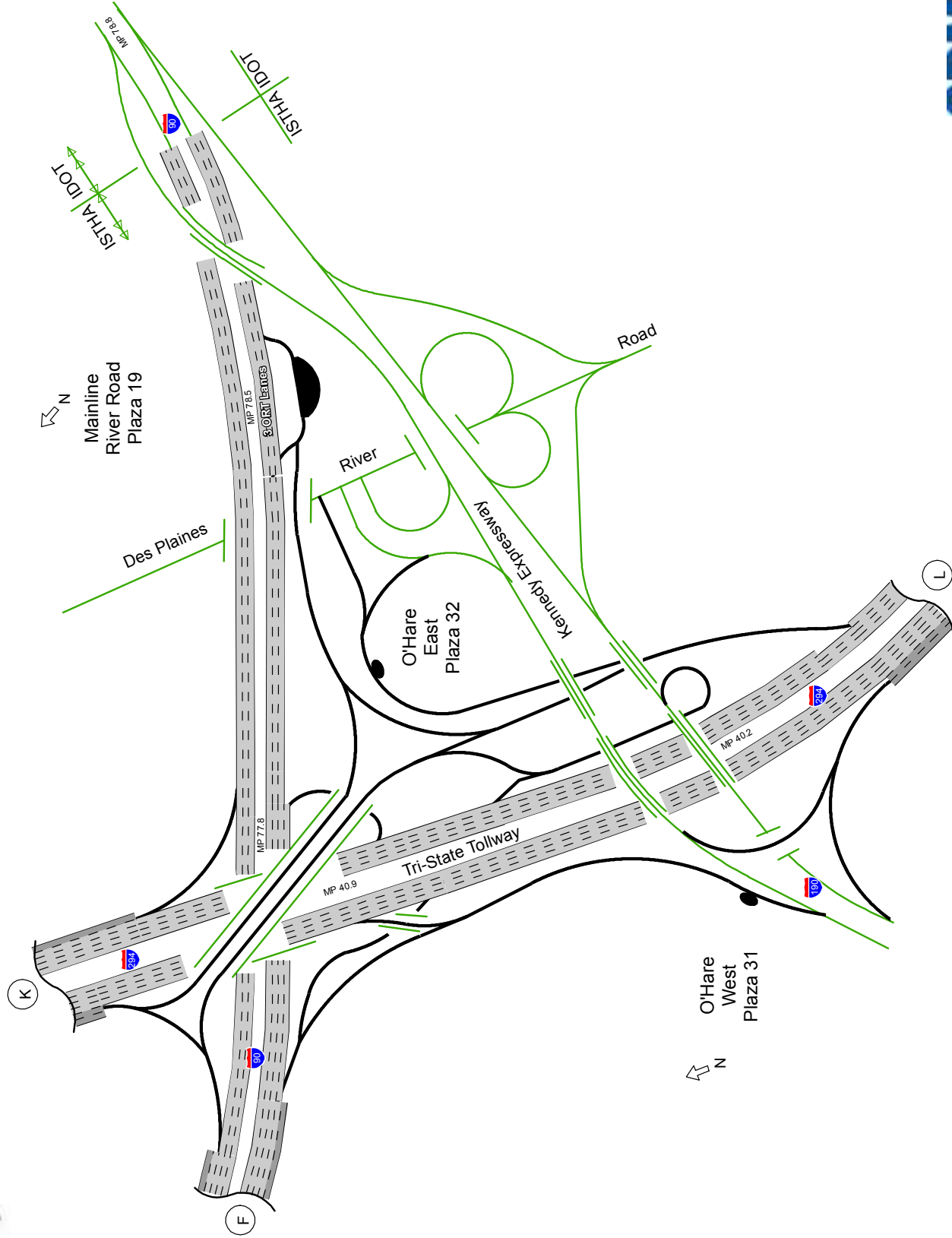
- Rehabilitation Project
- Construction Project





# 2017 Lane Configuration

On Jane Addams Memorial Tollway, from Tri-State Tollway to Kennedy Expressway



- Rehabilitation Project
- Construction Project

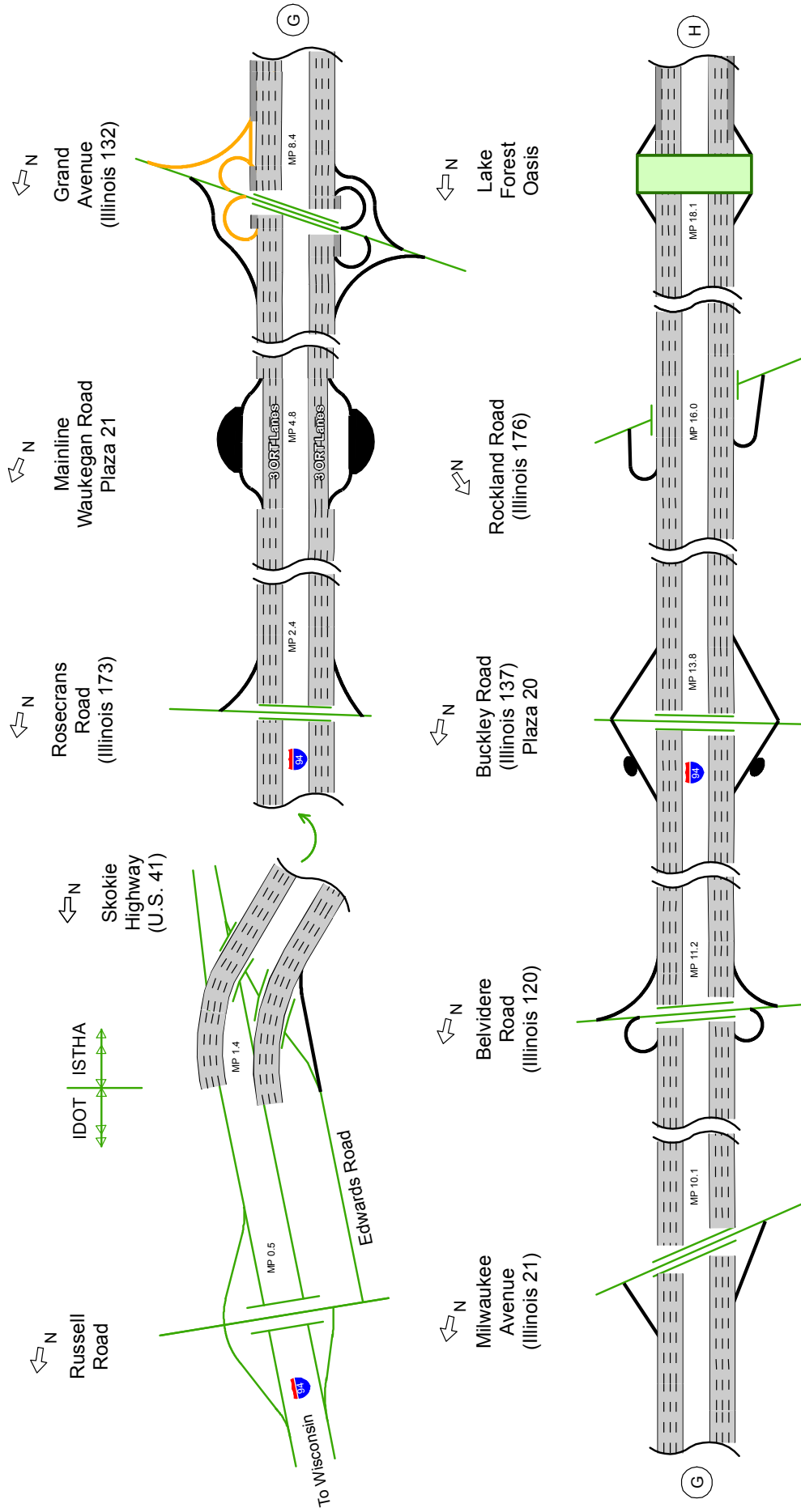






# 2017 Lane Configuration

On Tri-State Tollway, from Russell Road to Lake Forest Oasis



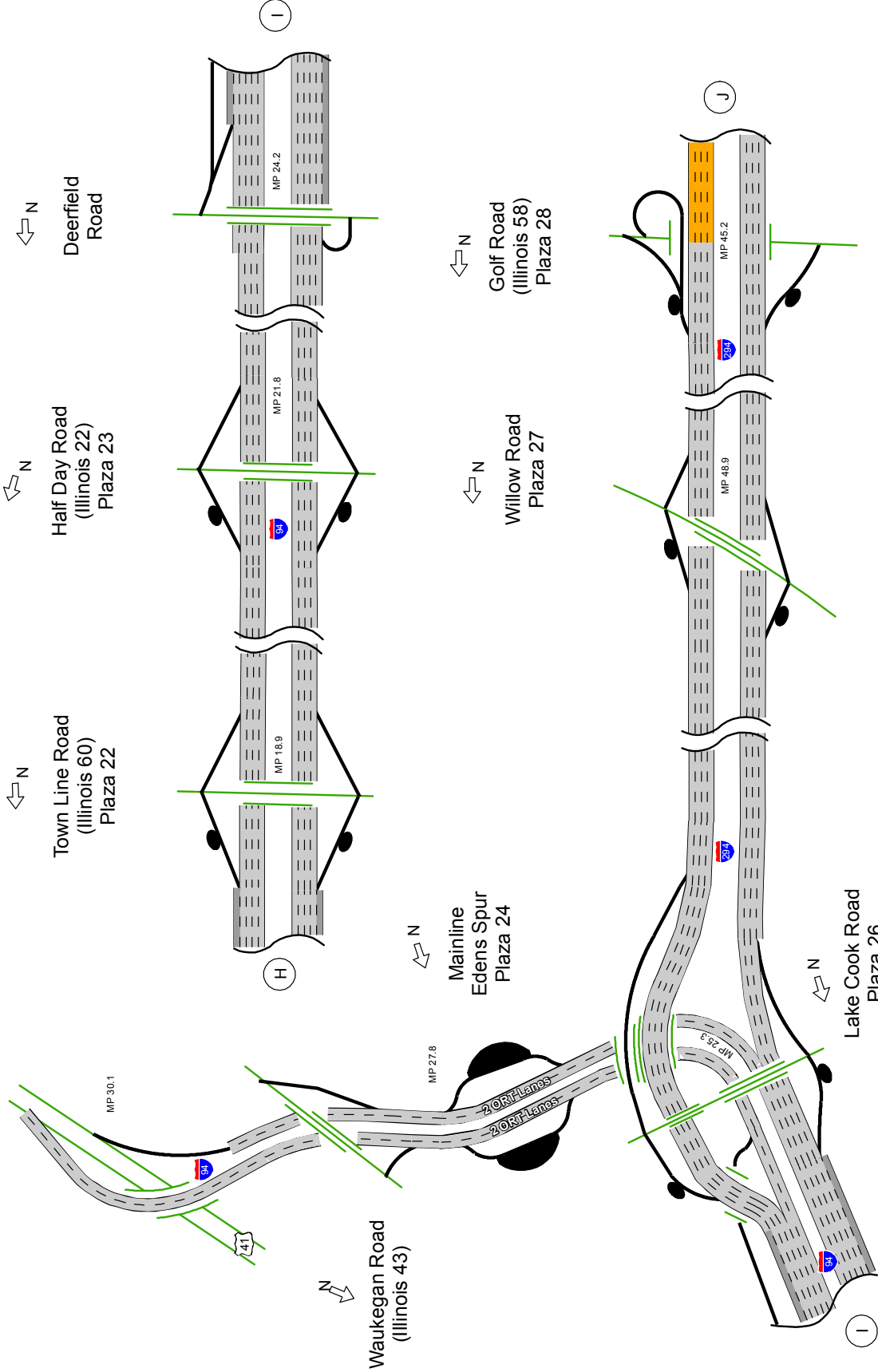
- Rehabilitation Project
- Construction Project





# 2017 Lane Configuration

On Tri-State Tollway, from Town Line Road (Illinois 60) to Golf Road (Illinois 58) and Edens Spur



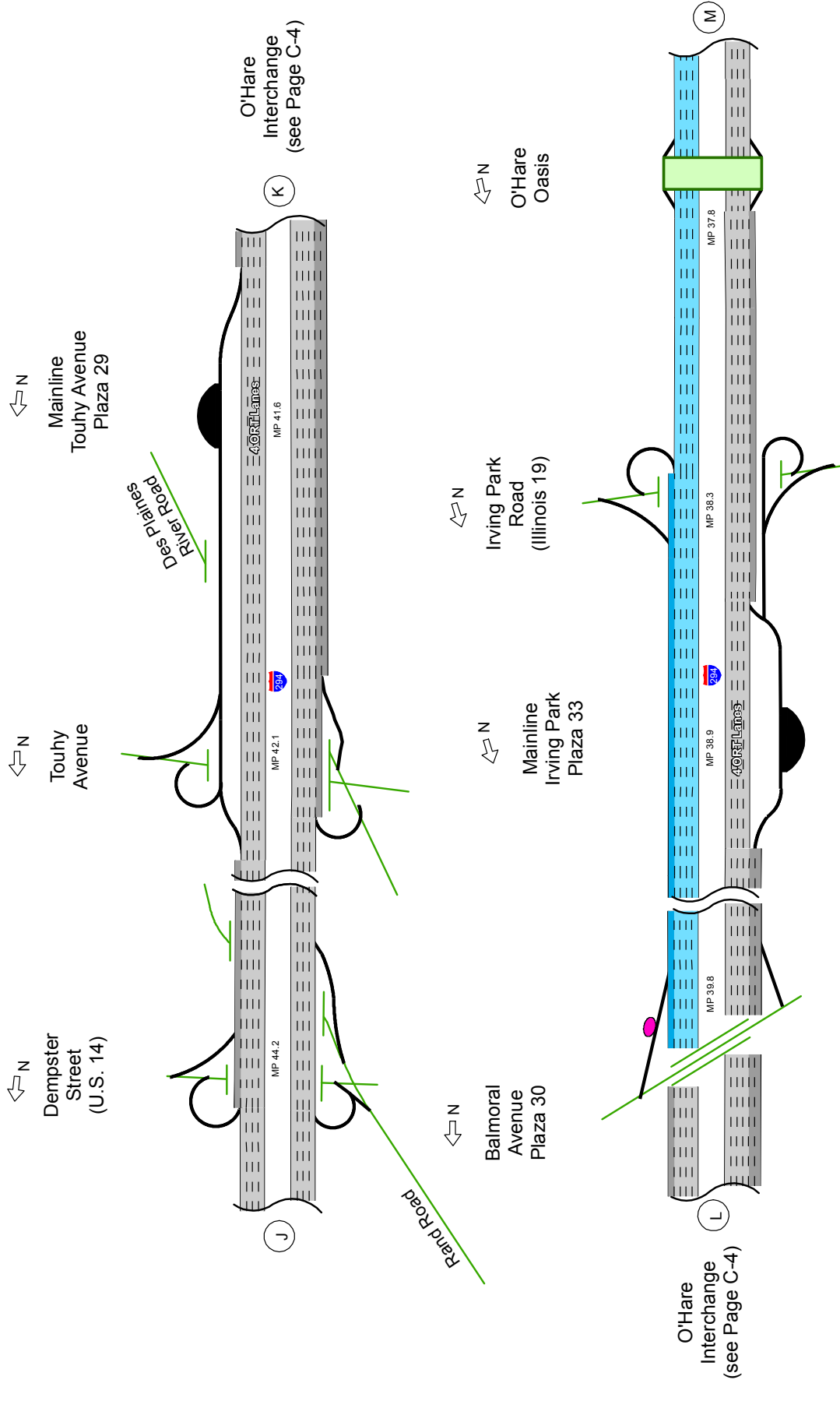
- Rehabilitation Project
- Construction Project





# 2017 Lane Configuration

On Tri-State Tollway, from Dempster Street to O'Hare Oasis



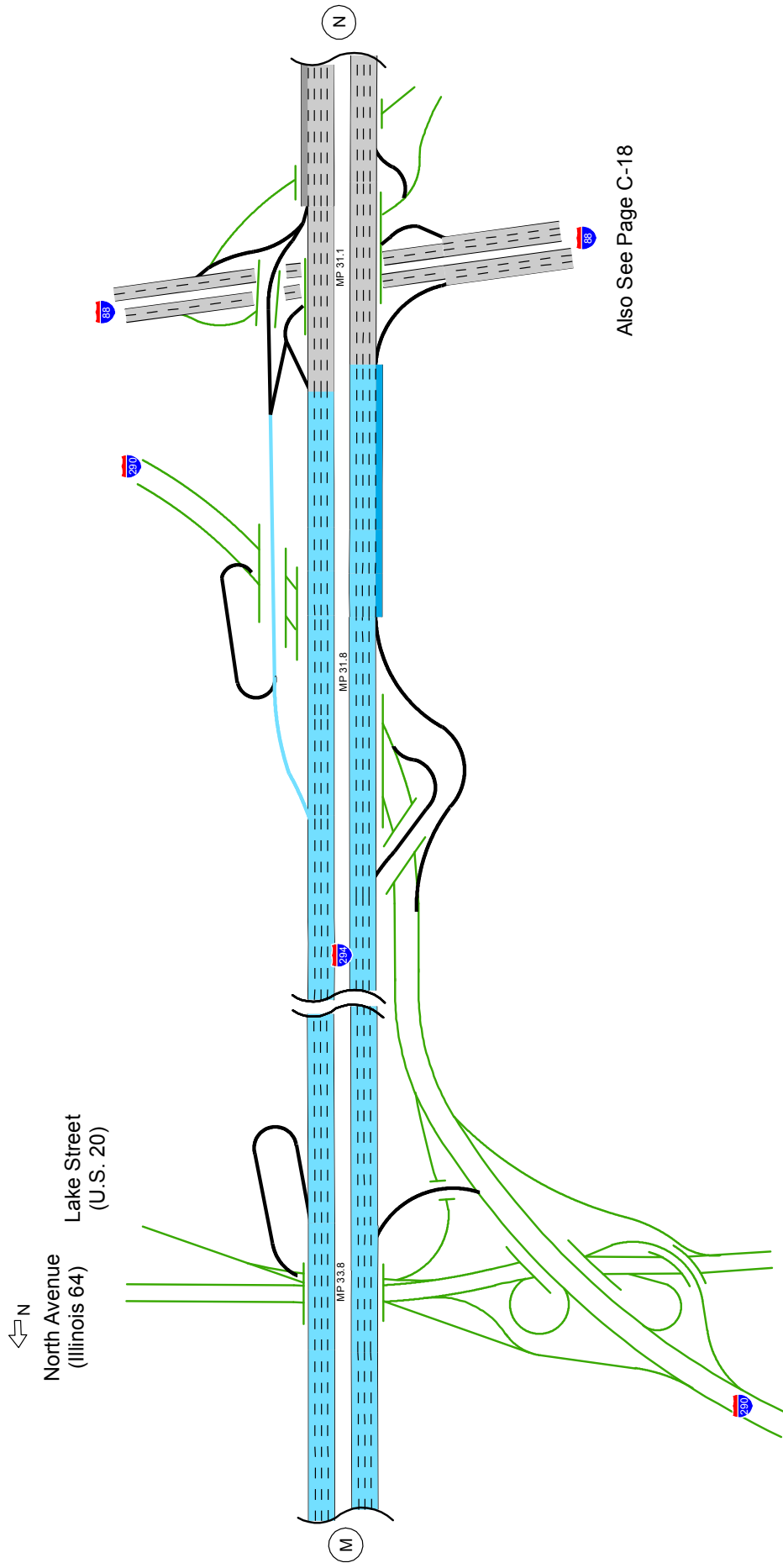
- Rehabilitation Project
- Construction Project





# 2017 Lane Configuration

On Tri-State Tollway, from North Avenue / Lake Street to Reagan Memorial Tollway (I-88)



Also See Page C-18

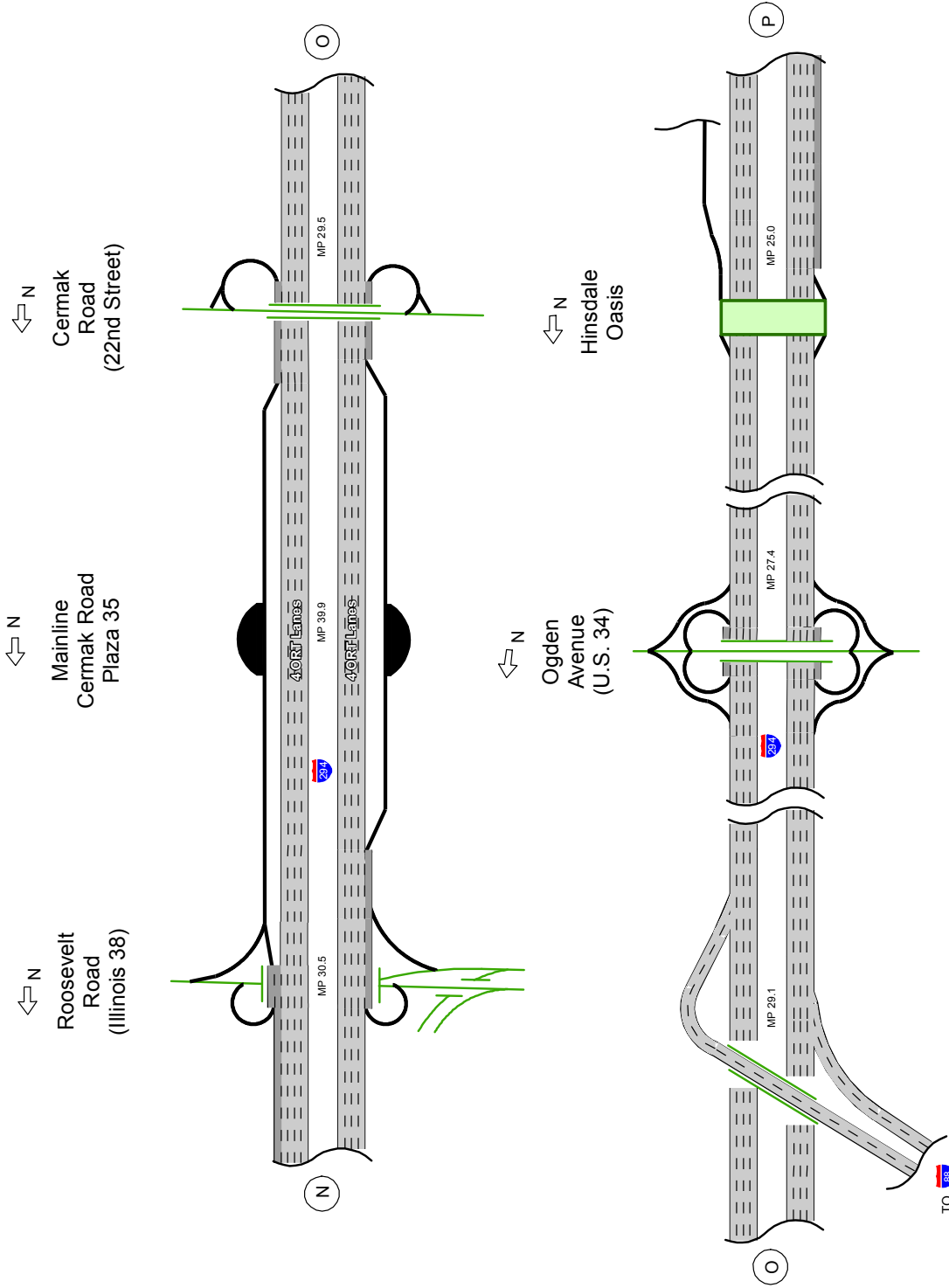
- Rehabilitation Project
- Construction Project





# 2017 Lane Configuration

On Tri-State Tollway, from Roosevelt Road to Hinsdale Oasis



Also See Page C-17

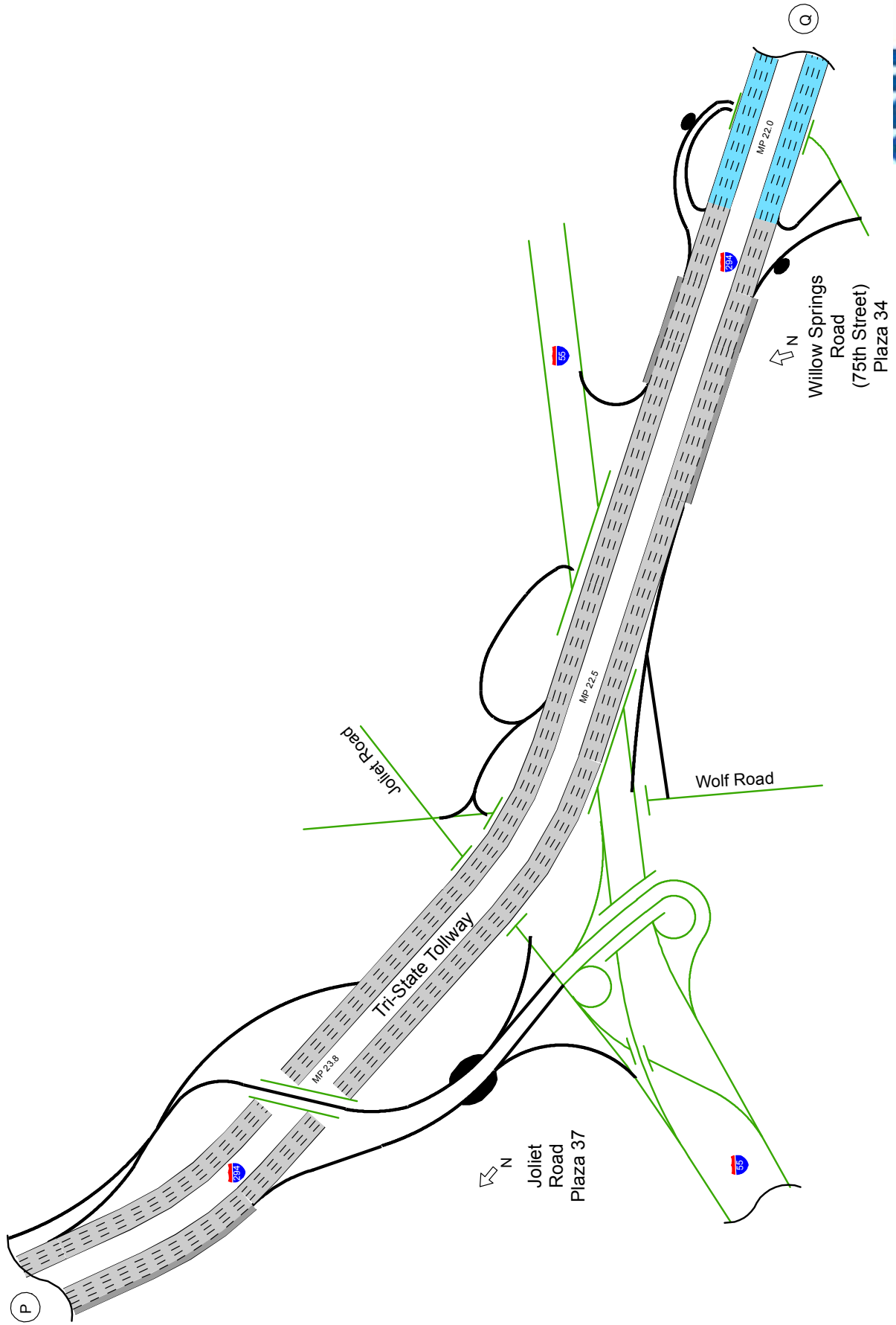
- Rehabilitation Project
- Construction Project





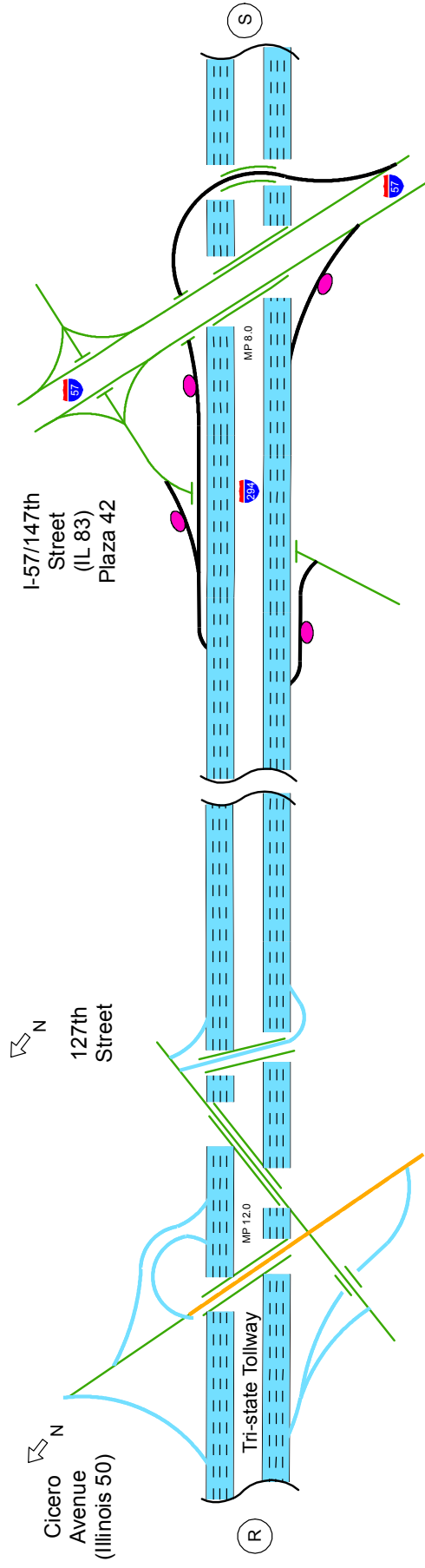
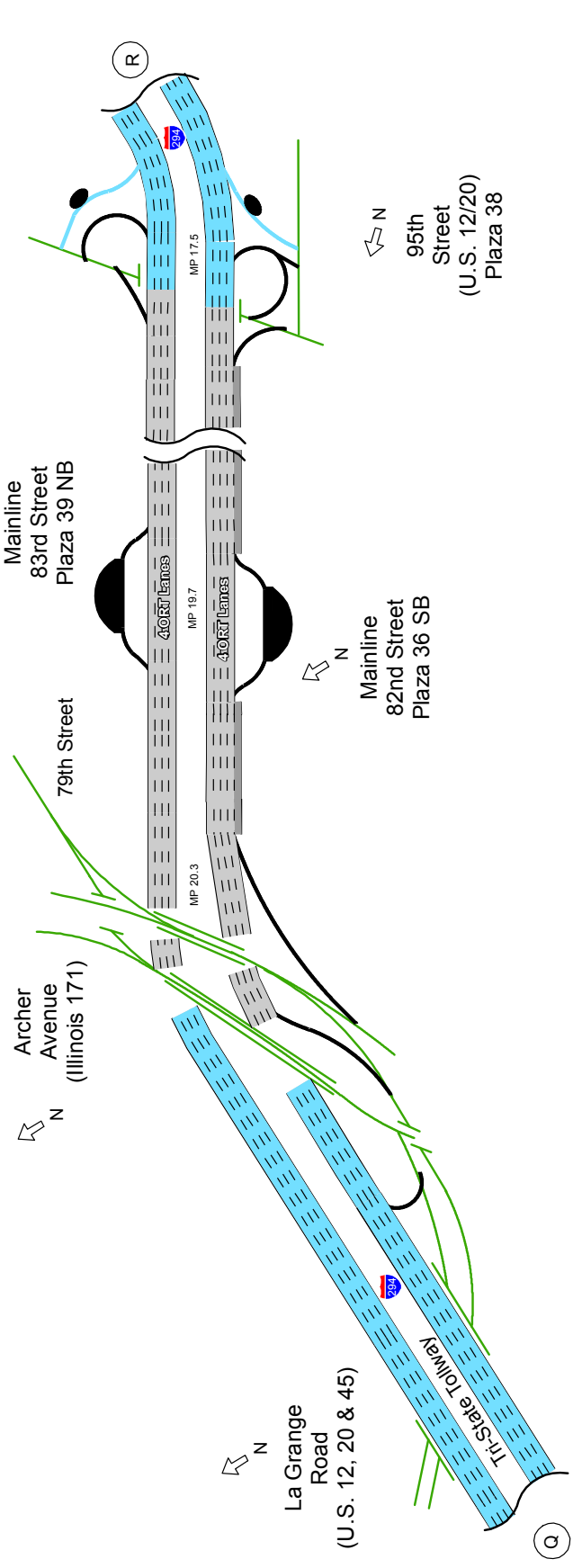
# 2017 Lane Configuration

On Tri-State Tollway, from Joliet Road (Plaza 37) to Willow Springs Road (Plaza 34)





# 2017 Lane Configuration On Tri-State Tollway, from Archer / Lagrange / 79th Street (Plaza 42) / I-57



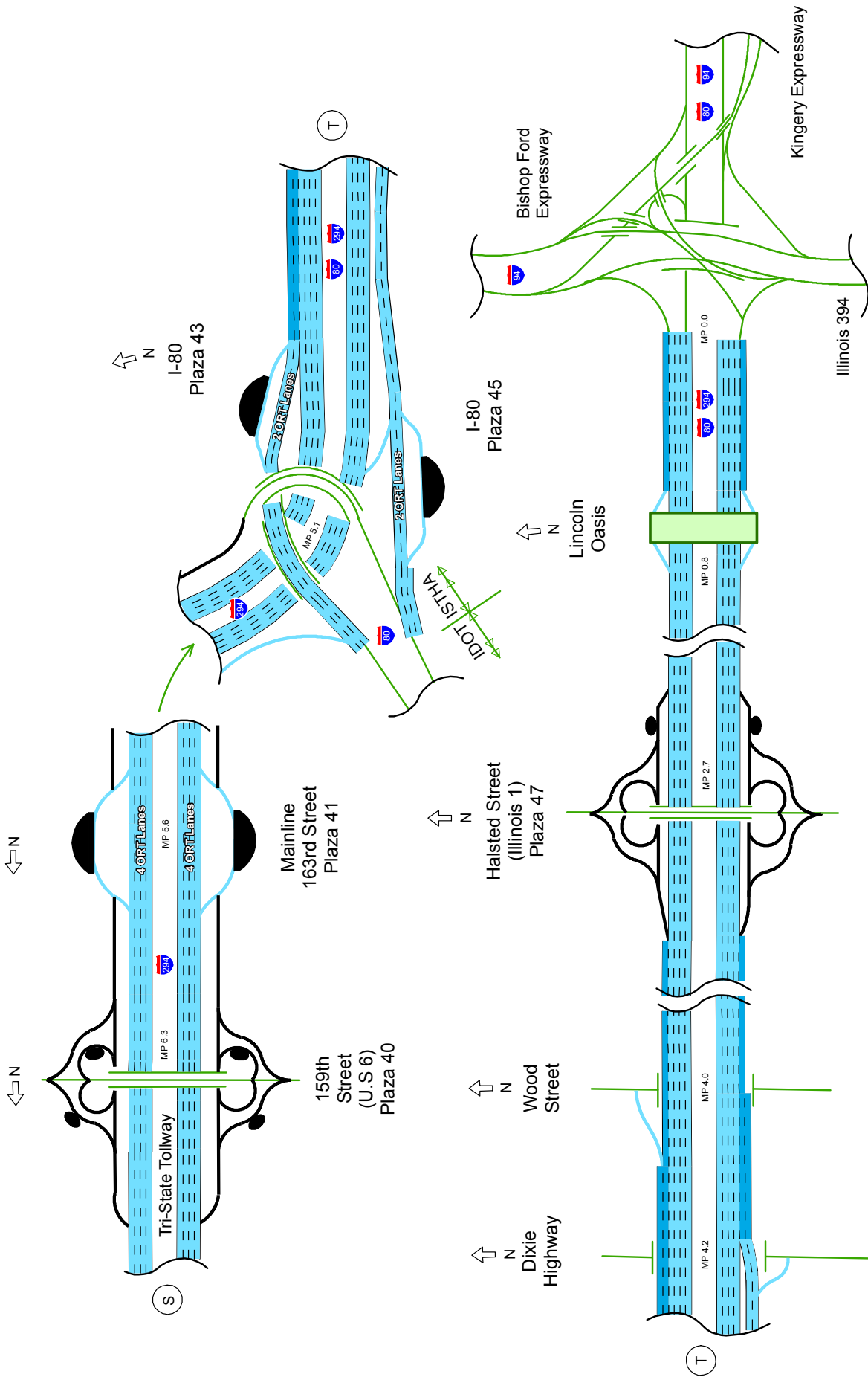
- Rehabilitation Project
- Construction Project





# 2017 Lane Configuration

On Tri-State Tollway, from 159th Street (Plaza 40) to Bishop Ford / Kingery Expressway



- Rehabilitation Project
- Construction Project

ISTHA/IDOT

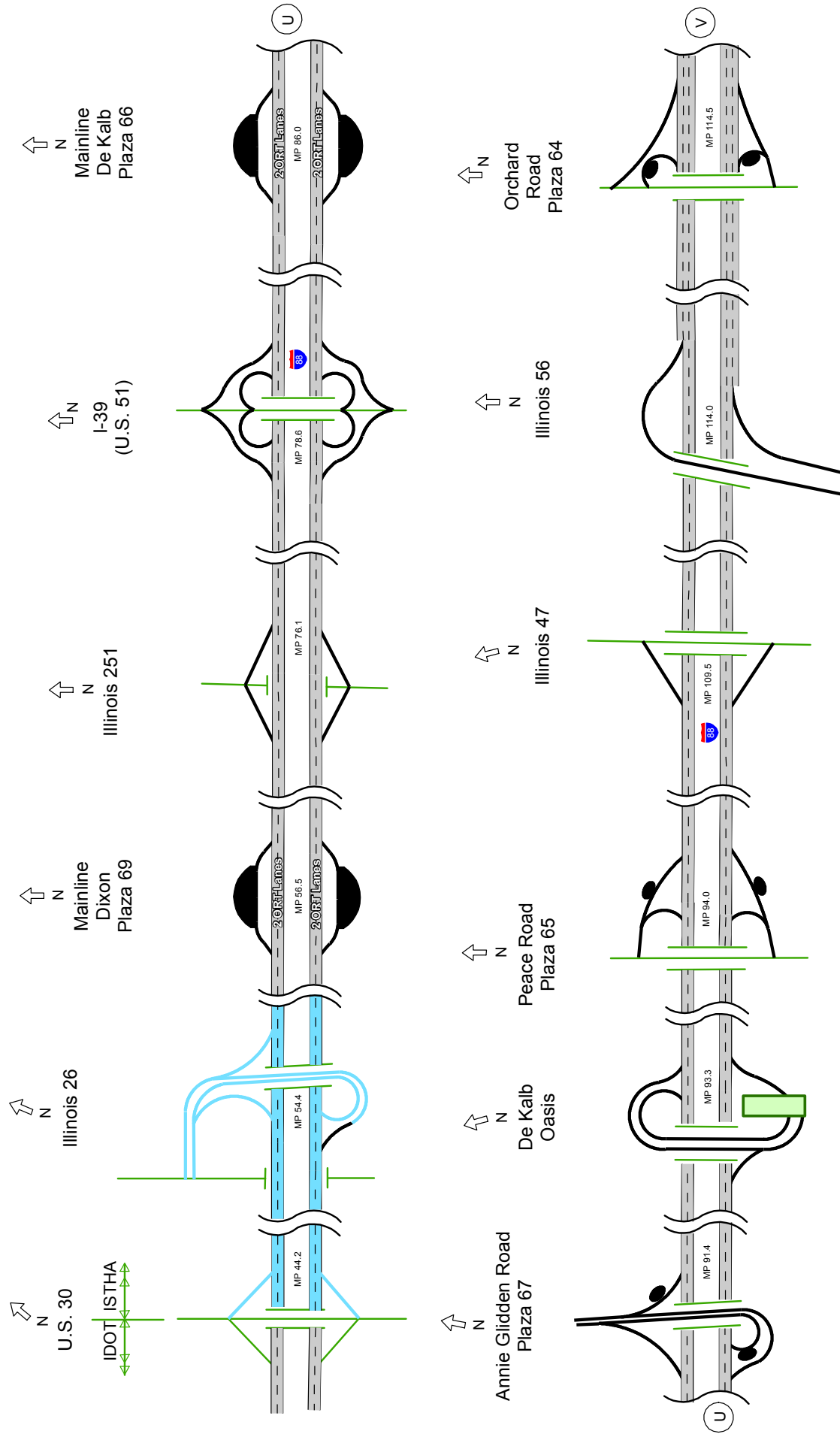






# 2017 Lane Configuration

## On Reagan Memorial Tollway, from Illinois 26 to Orchard Road



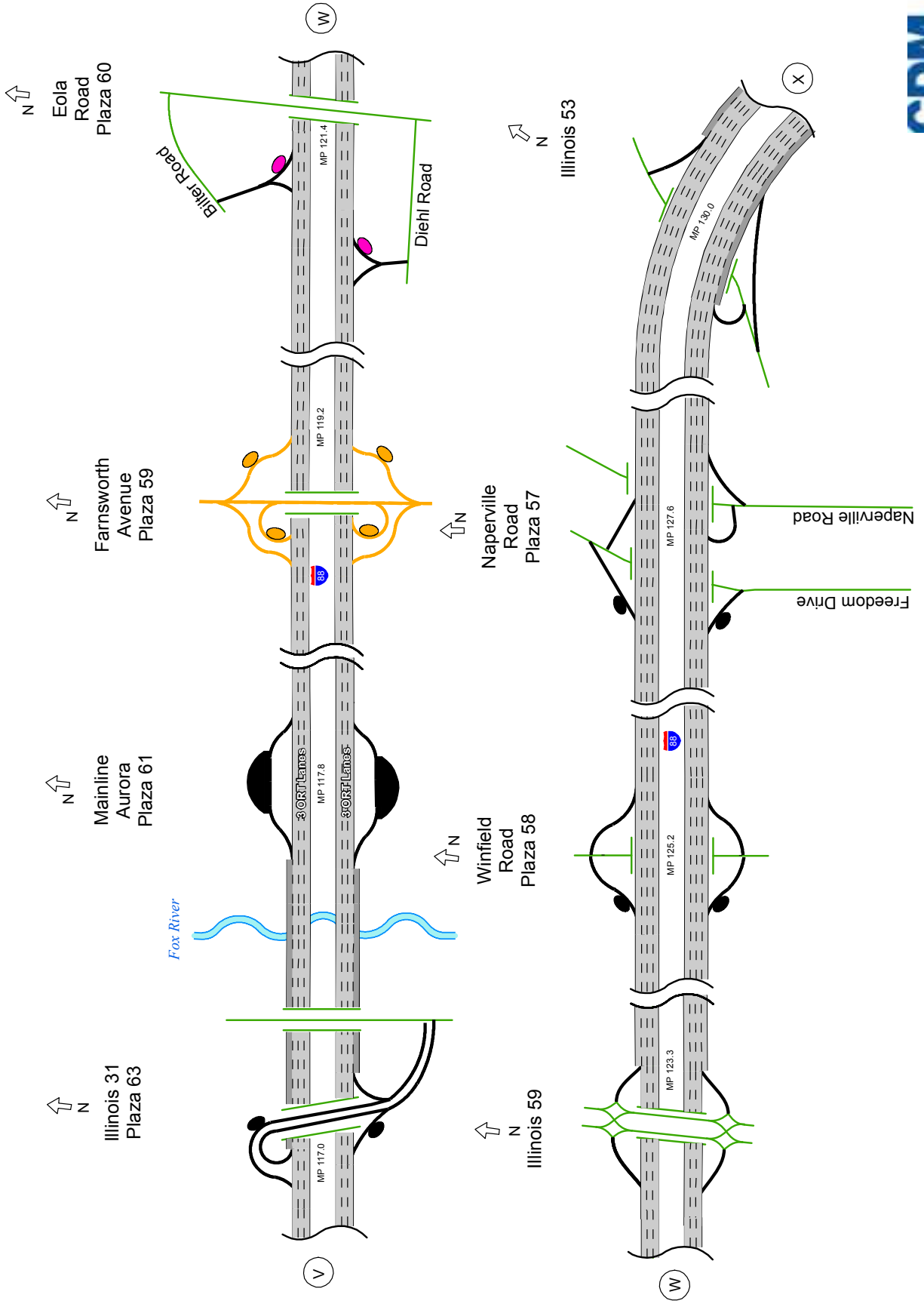
 Rehabilitation Project  
 Construction Project





# 2017 Lane Configuration

On Reagan Memorial Tollway, from Illinois 31 to Illinois 53



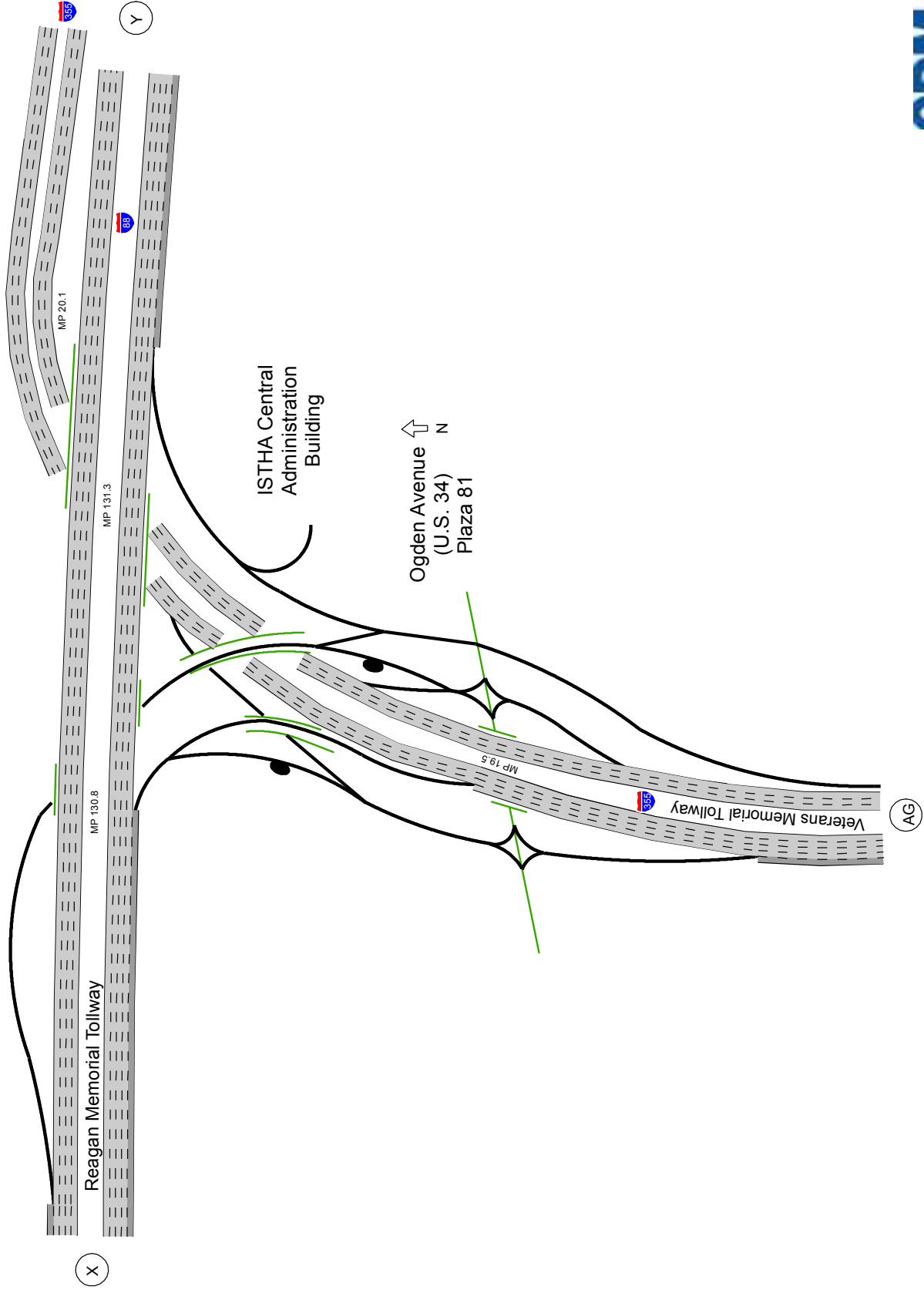
Rehabilitation Project  
Construction Project





# 2017 Lane Configuration

## On Reagan Memorial Tollway, Veterans Memorial Tollway West Interchange



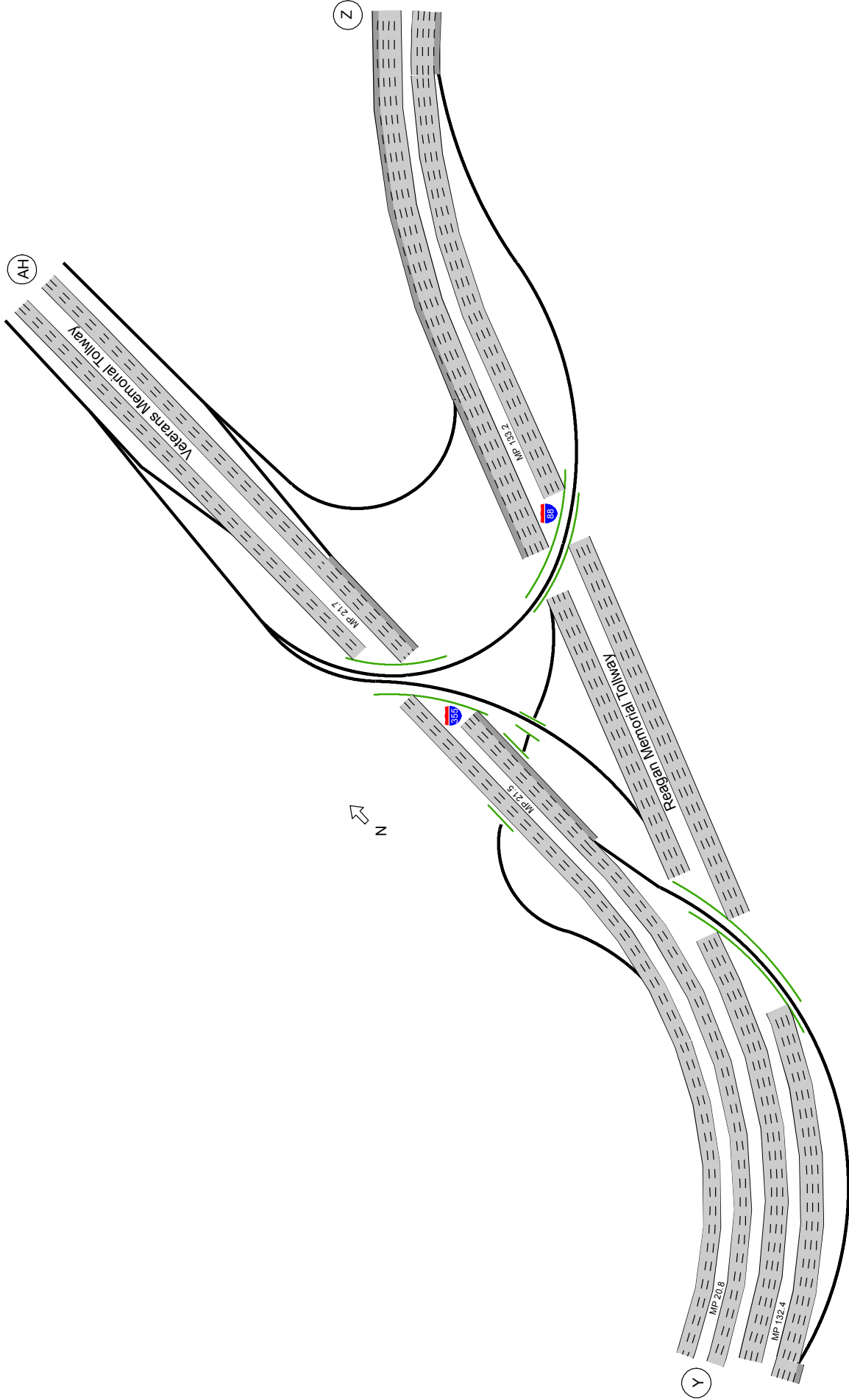
-  Rehabilitation Project
-  Construction Project





# 2017 Lane Configuration

On Reagan Memorial Tollway, Veterans Memorial Tollway East Interchange



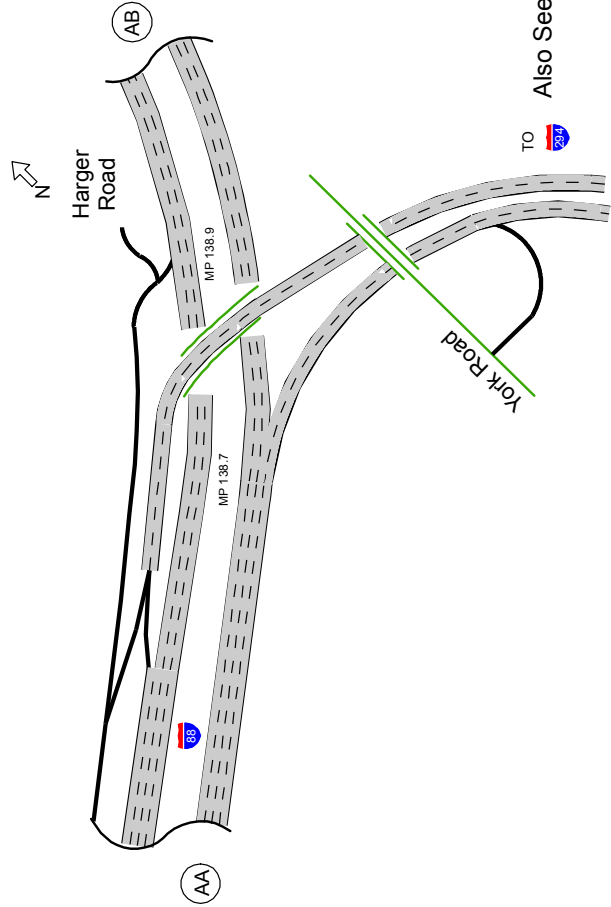
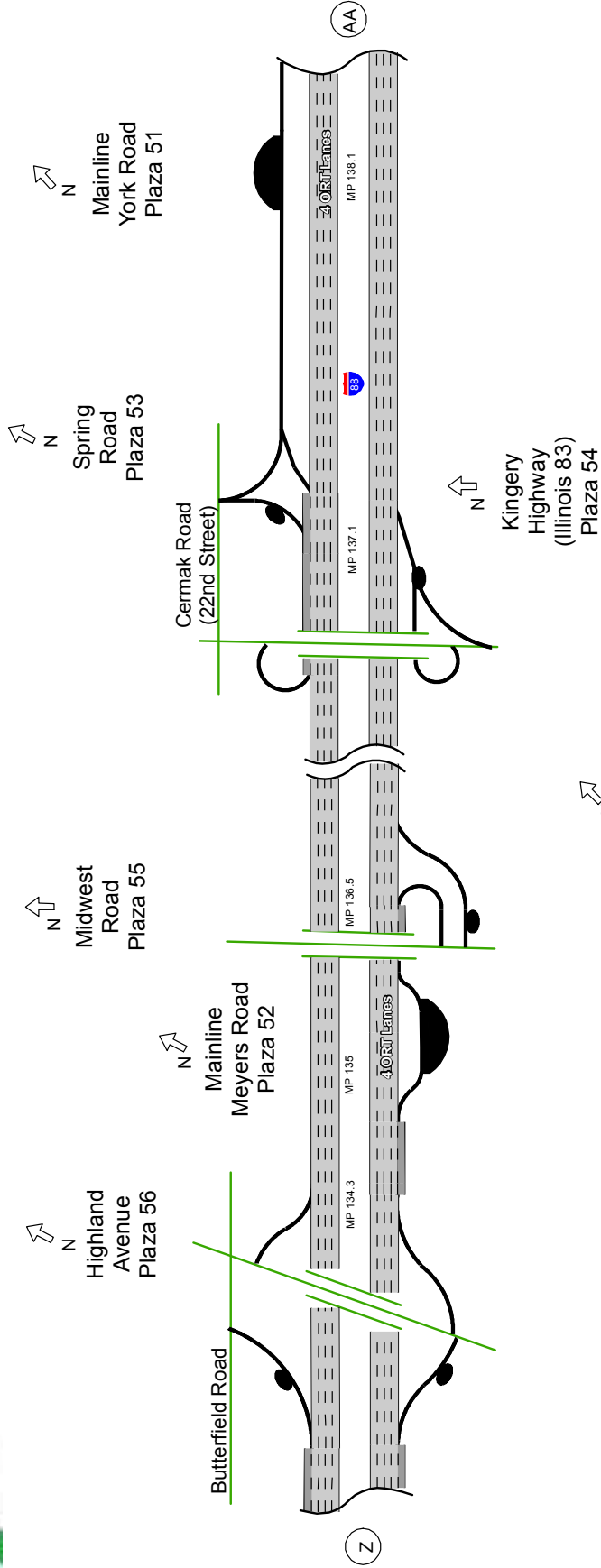
Rehabilitation Project  
Construction Project








# 2017 Lane Configuration

## On Reagan Memorial Tollway, from Highland Avenue to Harger Road



TO  Also See Page C-9

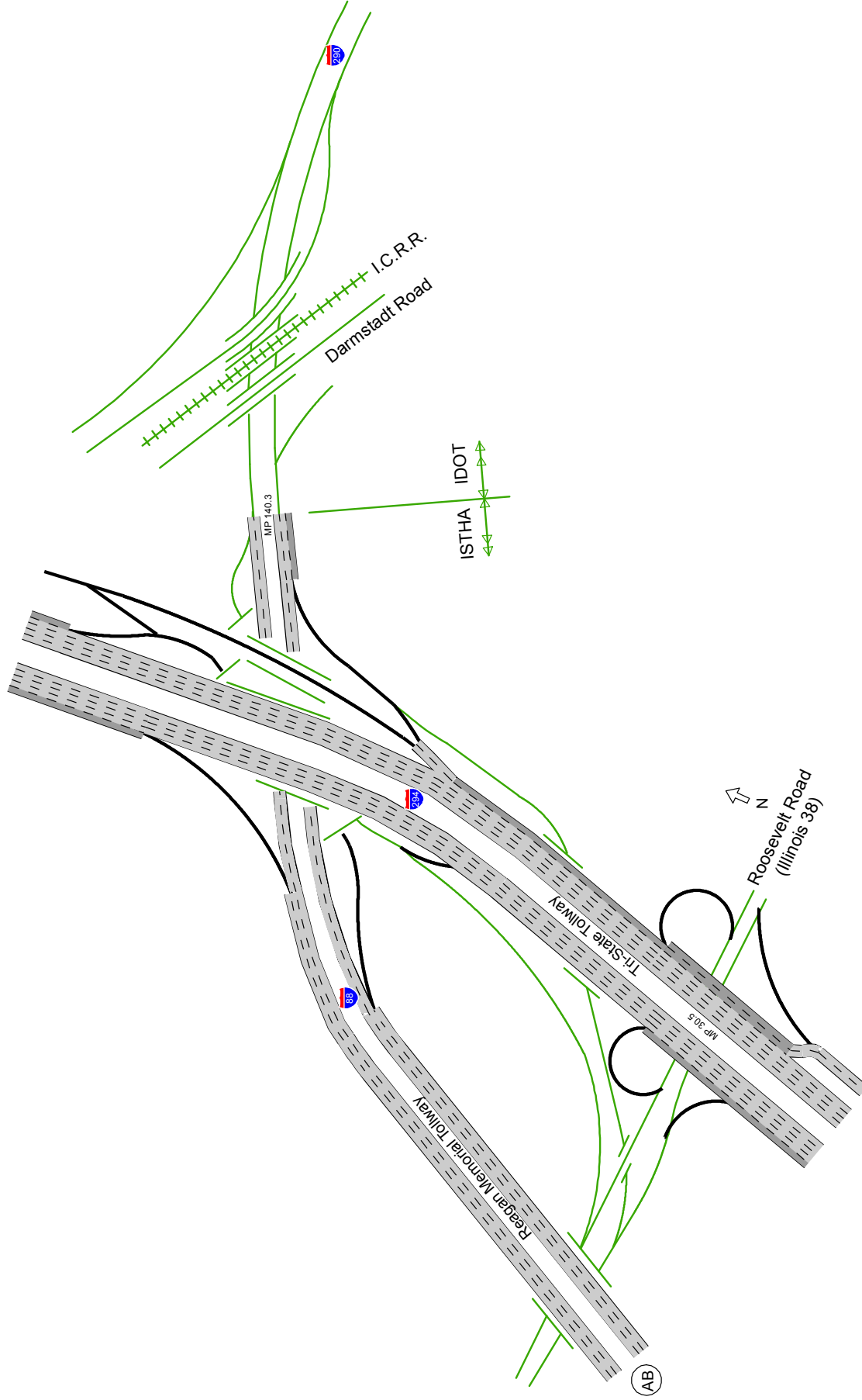
-  Rehabilitation Project
-  Construction Project





# 2017 Lane Configuration

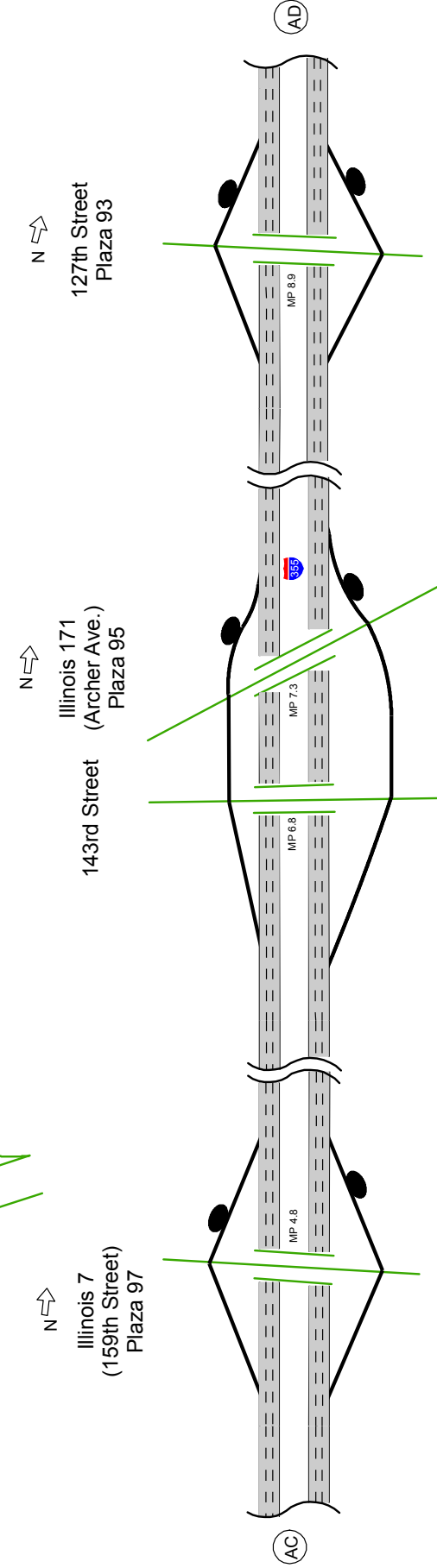
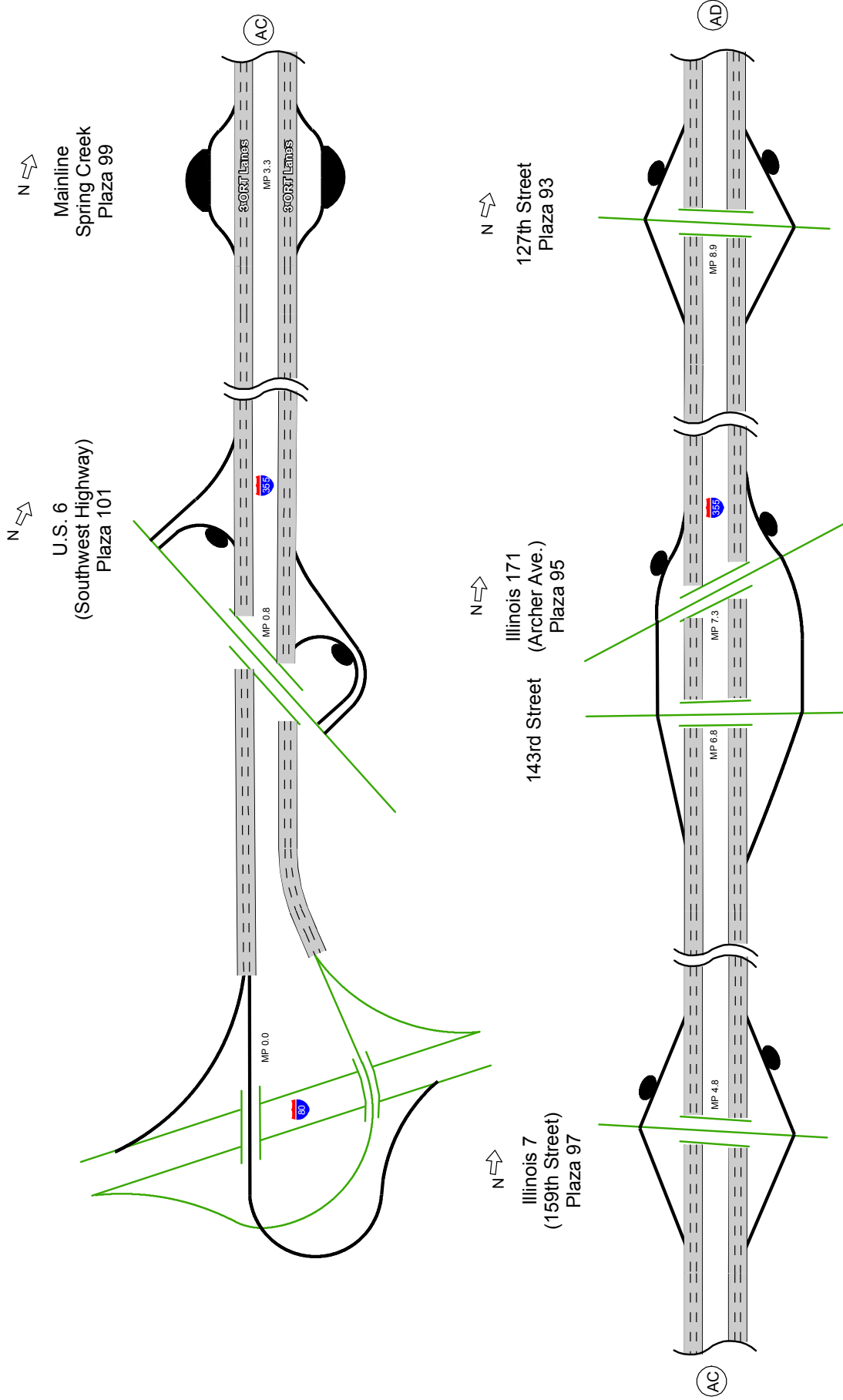
On Reagan Memorial Tollway, from Roosevelt Road to Eisenhower Expressway (I-290)





# 2017 Lane Configuration

On Veterans Memorial Tollway, from Interstate 80 to 127th Street



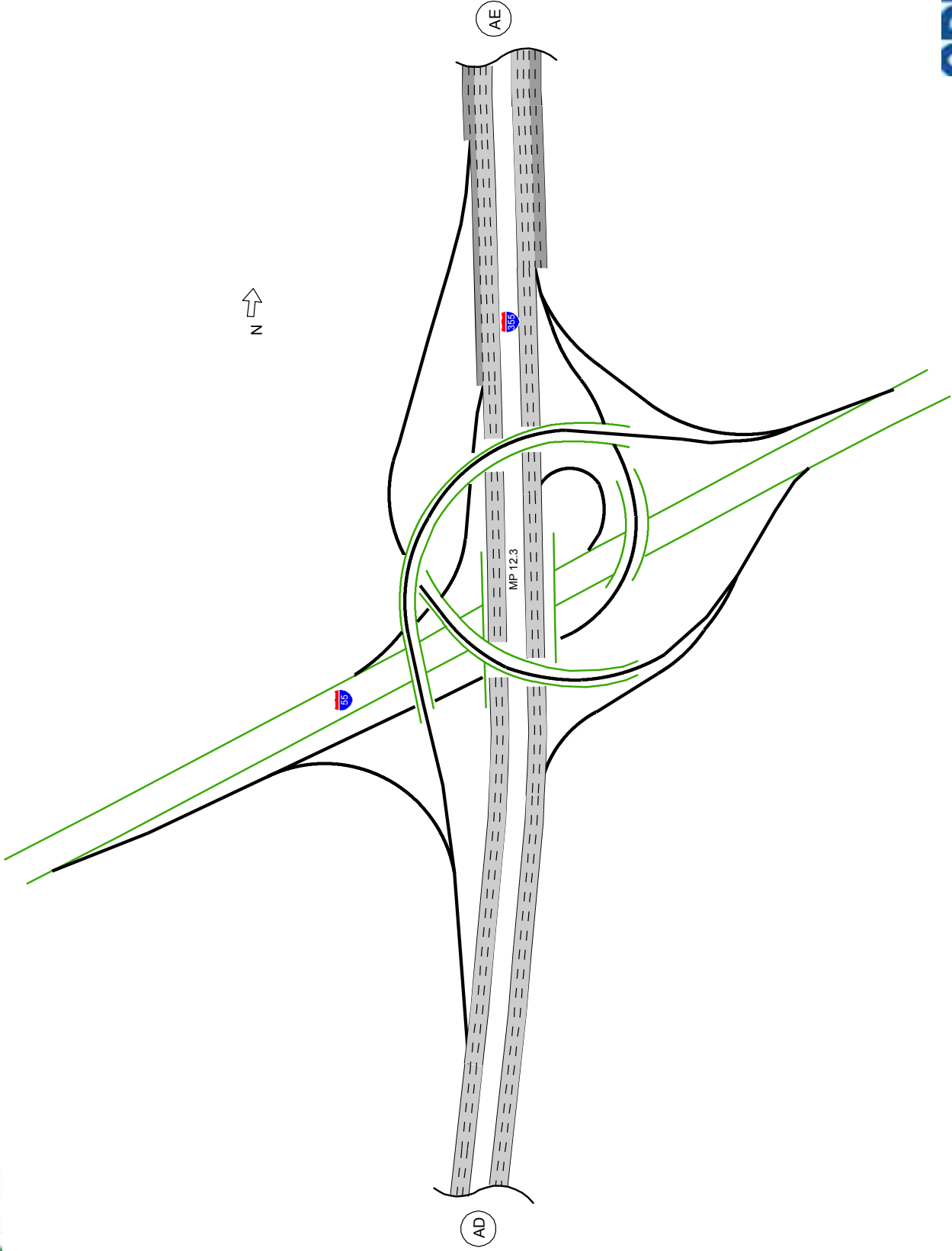
- Rehabilitation Project
- Construction Project





# 2017 Lane Configuration

On Veterans Memorial Tollway, At Interstate 55



- Rehabilitation Project
- Construction Project

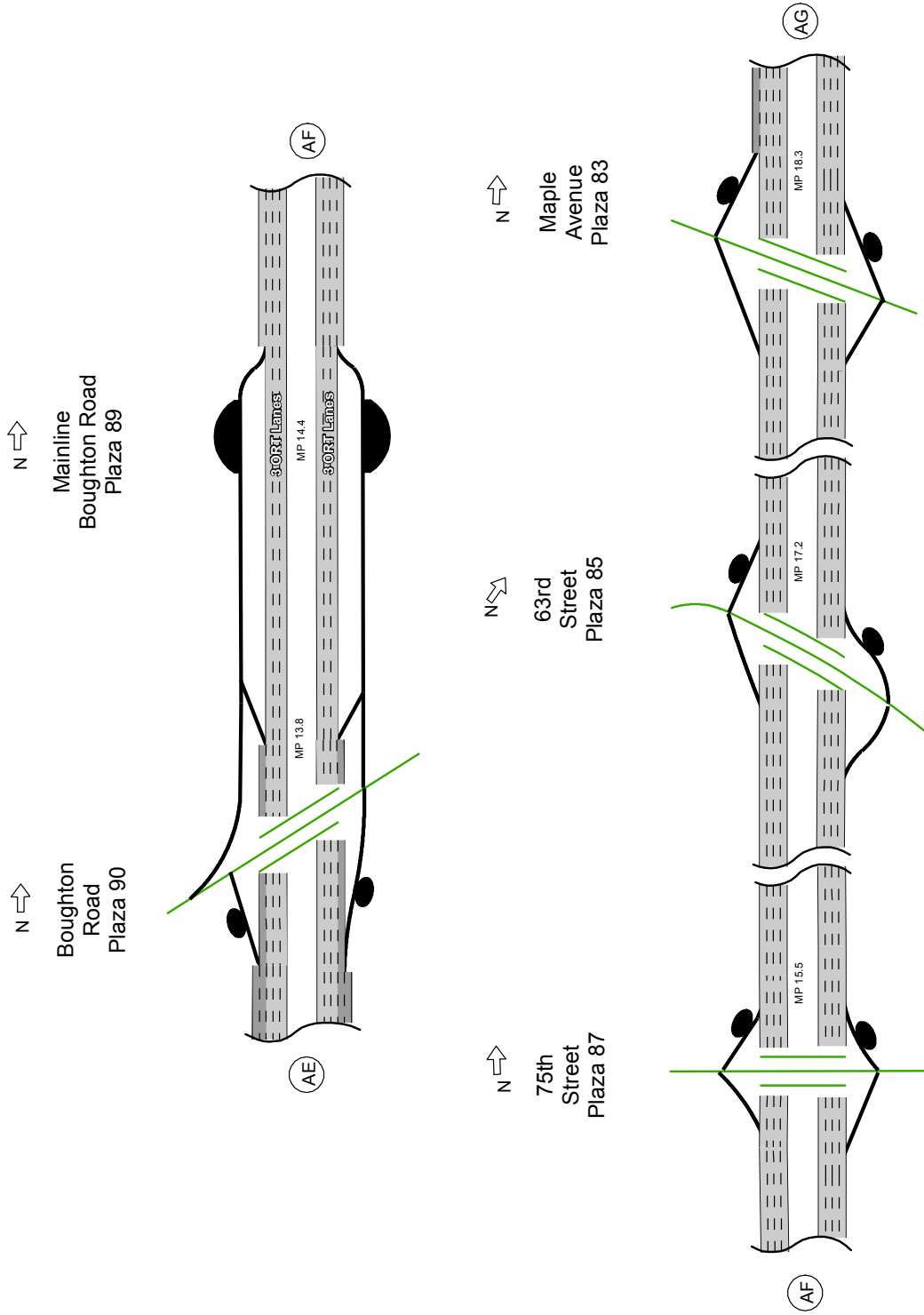






# 2017 Lane Configuration

On Veterans Memorial Tollway, from Boughton Road to Maple Avenue



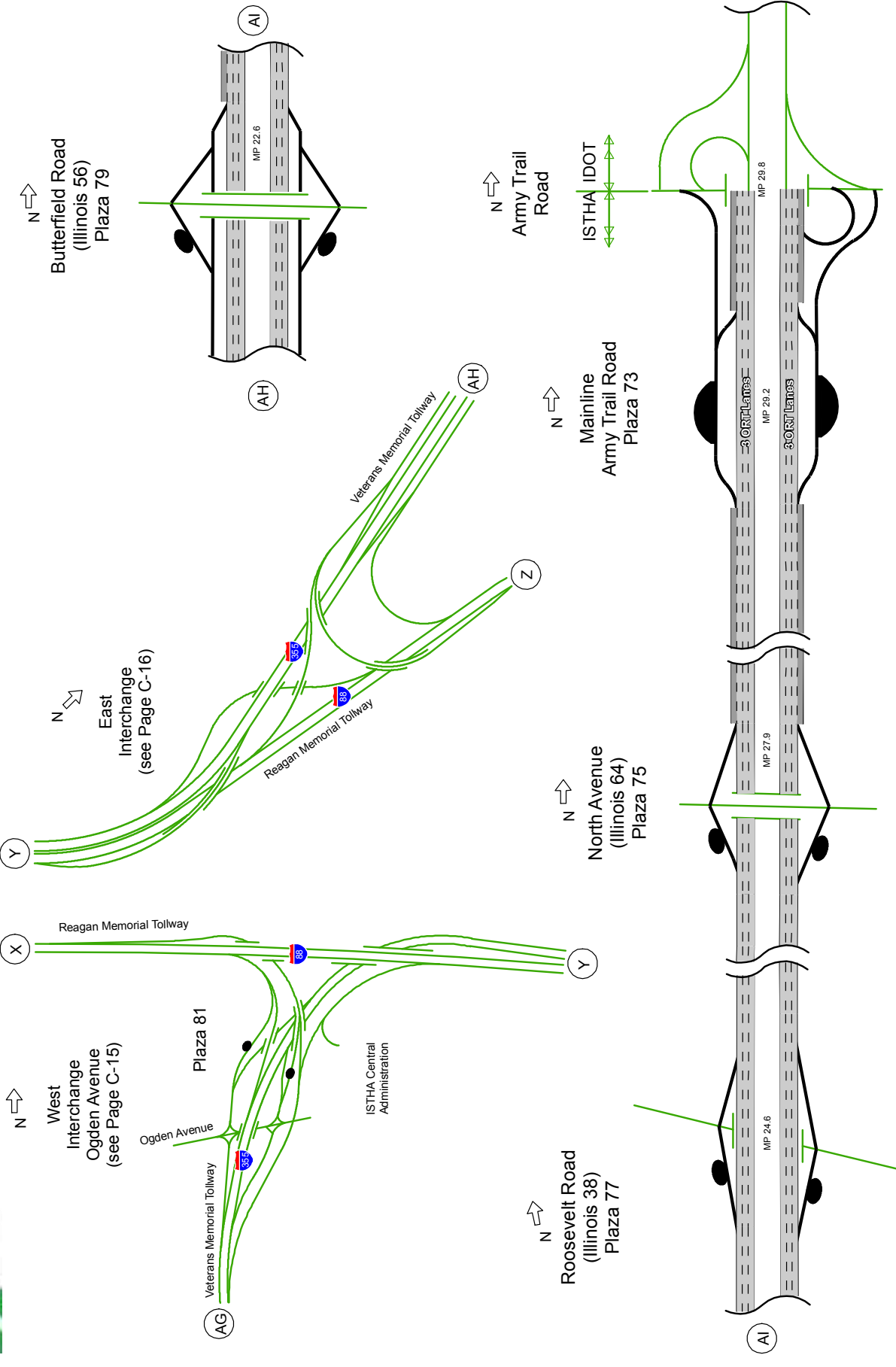
 Rehabilitation Project  
 Construction Project





# 2017 Lane Configuration

## On Veterans Memorial Tollway, from Ogden Avenue / West Interchange to Army Trail Road



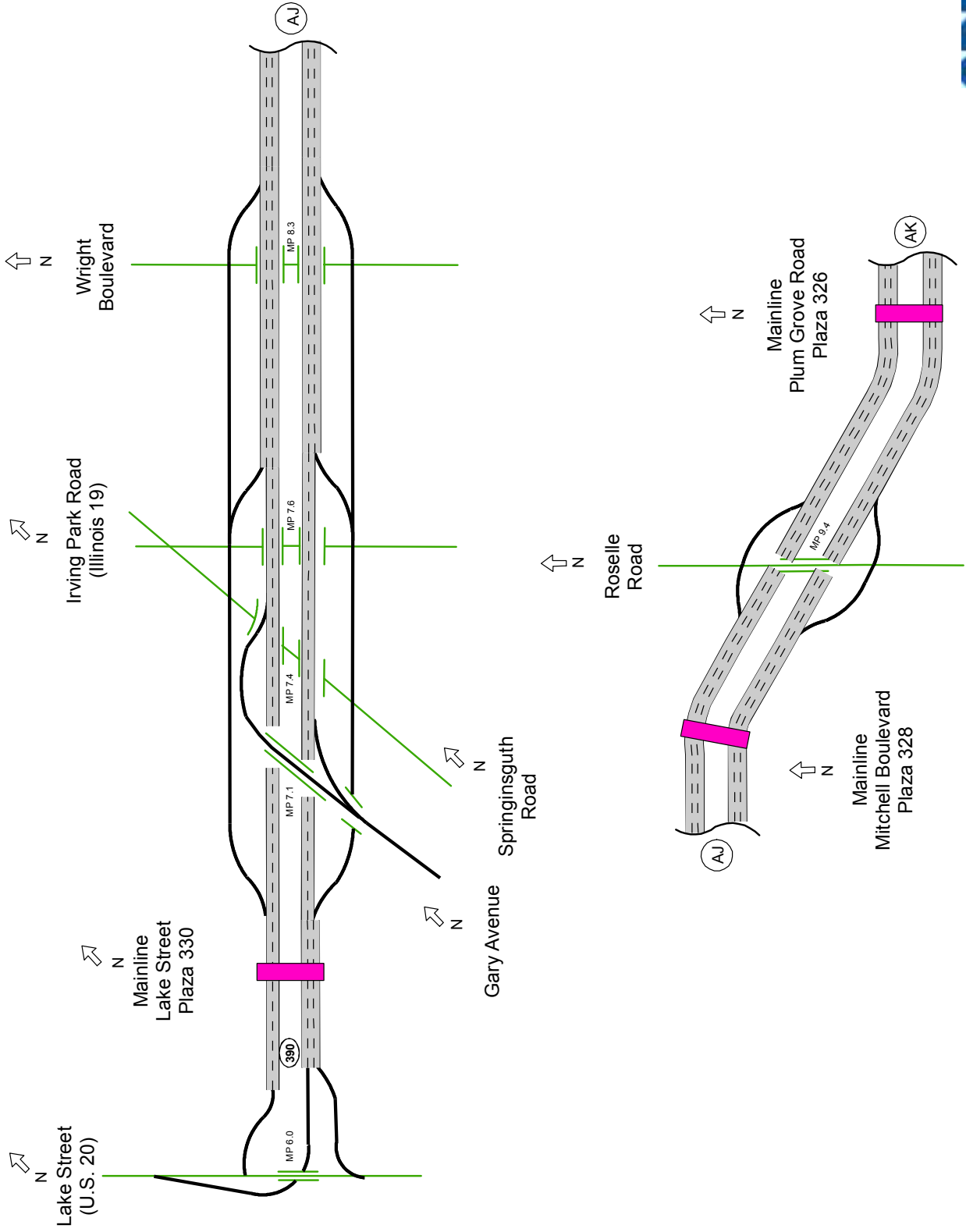
- Rehabilitation Project
- Construction Project





# 2017 Lane Configuration

On IL 390, from Lake Street to Plum Grove Road (Plaza 326)



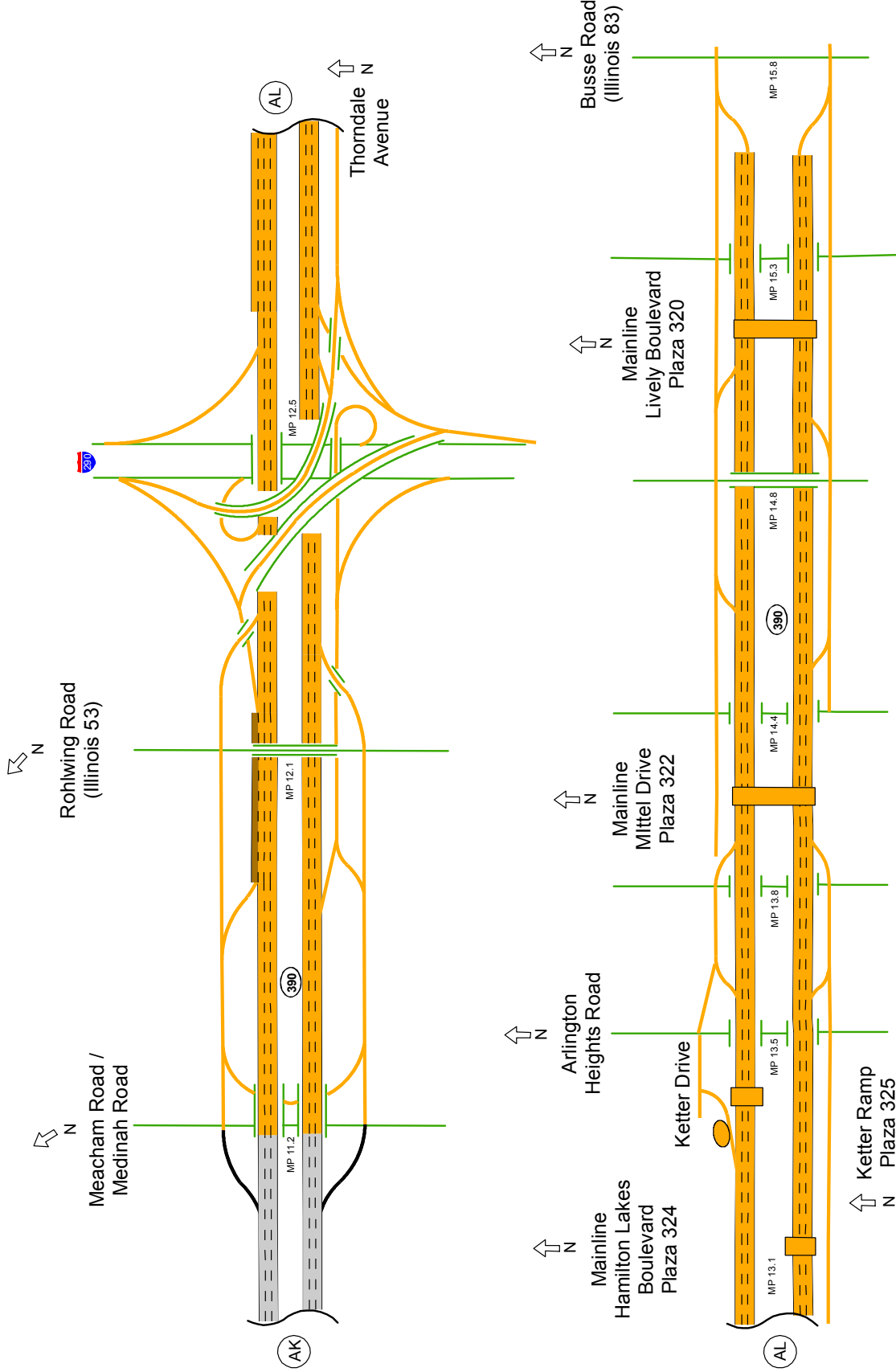
- Rehabilitation Project
- Construction Project





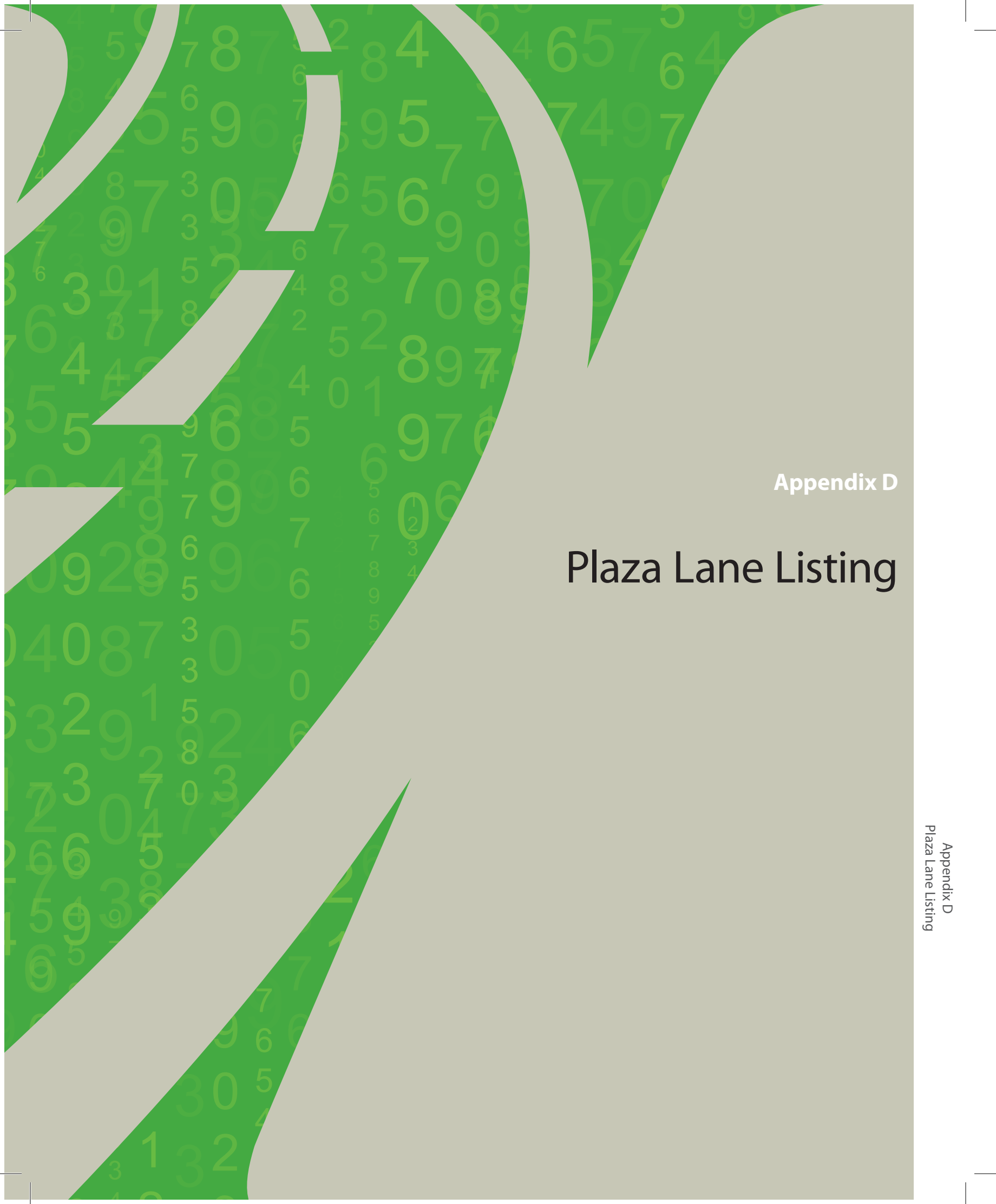
# 2017 Lane Configuration

On IL 390, from Plum Grove Road (Plaza 326) to Busse Road (Illinois 83)



Rehabilitation Project  
Construction Project





Appendix D

# Plaza Lane Listing





# JANE ADDAMS MEMORIAL TOLLWAY (I-90) PLAZA LANE CONFIGURATION AS OF 12-31-2017

No.	Mainline Plaza	Lane Number														Notes														
		EAST							WEST																					
1	South Beloit	71	72	73	74	75	51	52	53	54	55	II	61	62	63	64	65	81	82	83	84	85	Plaza building on eastbound side							
5	Belvidere											II	55	54	53	52	51		73	72	71			Serves WB traffic only. Plaza building located on westbound side.						
7	Marengo-Hampshire	75	74				71	72	73	51	52	53	54	55	II									Serves EB only. Plaza building located on eastbound side between lanes 71 & 74. Lanes 74 & 75 are seasonal lanes.						
9	Elgin						85	84	83	82	81	65	64	63	62	61	II	55	54	53	52	51	75	74	73	72	71	Plaza building located on westbound side.		
17	Devon Avenue																II	56	55	54	53	52	51	76	75	74	73	72	71	Serves WB traffic only. Plaza building located on westbound side.
19	River Road	71	72	73	74	75	76	77	51	52	53	54	55	II															Serves EB traffic only. Plaza building located on eastbound side.	

No.	Ramp Plaza	Lane Number														Notes													
		EAST							WEST																				
2	Riverside Boulevard														II	3	4											Lanes 1 & 2 exit I-90 WB to East Riverside Blvd. Lane 1 is eastmost. Lanes 3 & 4 enter I-90 EB from East Riverside Blvd.	
3	Genoa Road														II	2	61	62											Lanes 51 & 52 exit I-90 WB to Genoa Road. Lanes 61 & 62 exit I-90 EB to Genoa Road.
4	Illinois Route 173														II	1	2												Lanes 3 & 4 exit I-90 WB to IL 173. Lanes 1 & 2 enter I-90 EB from IL 173.
5A	Irene Road														II	51	52	53											Lanes 52 & 53 exit I-90 EB to Irene Road. Lanes 61 & 62 enter I-90 WB from Irene Road.
6	Illinois Route 47														II	61	62	63	64	65	54	53	52	51					Lanes 54 & 55 enter I-90 WB. Lanes 51-53 exit I-90 WB to IL 47. Lanes 64 and 65 exit I-90 EB. Lanes 61-63 enter I-90 EB from IL 47.
8	Randall Road														II	2	1	4											Lanes 1 & 2 exit I-90 EB to Randall Rd. Lanes 3 & 4 enter I-90 WB from Randall Rd.
10	Barrington Road														II	52	51	56	55	54	4	3	2	1	61	62	63		Lanes 1, 2 & 3 exit I-90 WB to Barrington Rd. Lanes 61 & 62 enter I-90 WB from Barrington Rd. Lanes 4, 54 & 55 enter I-90 EB from Barrington Rd. Lanes 51 & 52 exit I-90 EB to Barrington Rd. Tolling on WB entrance and EB movements began in 2017.
11	Illinois Route 31														II	2	51	52	6	3	5	1	4						Lanes 1 & 5 exit I-90 WB to IL 31 NB. Lanes 2, 51 & 52 enter I-90 EB from IL 31 NB. Lane 3 enters I-90 EB from IL 31 SB. Lane 4 exits I-90 WB to IL 31 SB.
12	Roselle Road														II	51	52	6	4	54	55	3	2	1					Lanes 1, 2 & 3 exit I-90 WB to Roselle Rd. Lanes 4, 54 & 55 enter I-90 EB from Roselle Rd. Lanes 51 & 52 exit I-90 EB to Roselle Rd. EB tolling began November 2016.
12A	Meacham Road																												Meacham Road tolled ramps opened November 2016. Lane 63 exits I-90 WB to Meacham Rd. Lane 61 enters I-90 WB from Meacham Rd.
13	Illinois Route 25														II	3	1	4											Lanes 1 & 3 enter I-90 EB from IL 25. Lanes 2 & 4 exit I-90 WB to IL 25.
14	Illinois Route 59														II	6	5	4											Lanes 4 - 6 exit I-90 EB to IL 59. Lane 4 is closest to mainline.
15	I-290, Illinois Route 63														II	7	6	5	4	1	2								Lanes 1 & 2 exit I-90 EB to IL 53 NB. Lanes 4 - 7 exit I-90 EB to IL 53 SB. Lane 4 is closest to mainline.
16A	Illinois Route 59														II	9	8	7											Lanes 7 - 9 exit I-90 WB to IL 59. Lane 9 closest to mainline. Signed as 14 on plaza canopy.
16B	Beverly Road														II	11	10												Lanes 10 & 11 exit I-90 WB to Beverly Rd. Signed as 14A on plaza canopy. Lane 11 is closest to mainline.
18	Arlington Heights Road														II	6	5	4	3	2	1								Lanes 1 - 3 enter I-90 WB from Arlington Heights Rd. Lane 1 is northmost. Lanes 4 - 6 exit I-90 EB to Arlington Heights Rd.
18A	Elmhurst Road														II	51	52	61											Lanes 51 & 52 exit I-90 EB to Elmhurst Rd. Lanes 61 & 62 enter I-90 WB from Elmhurst Rd. Tolling began 2017.

	Count
Open Road/All Electronic Tolling (ORT/AET)	57
Manual Lane Toll (MLT)	34
Shoulder	23
I-PASS Only Lane (IPO)	30
Automatic Coin Machine Lane (ACM)	26
Closed Lane/Other	2
II = Center line/Main line	-
∧ = Change in Movement/Direction	-



# TRI-STATE TOLLWAY (I-94/I-294) PLAZA LANE CONFIGURATION AS OF 12-31-2017

Mainline Plaza		Lane Number										Notes									
No.	Name	SOUTH / EAST					NORTH / WEST														
		85	84	83	82	81	65	64	63	62	61		55	54	53	52	51	74	73	72	71
21	Waukegan																				Plaza building located on east side.
24	Edens Spur																				Plaza building located on south side.
29	Touhy Avenue																				Serves NB traffic only. Plaza building located on east side. Serves SB traffic only. Plaza building located on west side.
33	Living Park Road																				Plaza building located on east side.
35	Cermak Road																				Serves SB traffic only. Plaza building located on west side.
36	82nd Street																				Serves NB traffic only. Plaza building located on east side.
39	83rd Street																				Main plaza building located on east side.
41	163rd Street																				

Ramp Plaza		Lane Number										Notes										
No.	Name	SOUTH / EAST					NORTH / WEST															
		4	3	2	1	53	52	51	4	3	2		1									
20	Buckley Road																					Lanes 1 & 2 enter I-94 NB. Lane 1 is eastmost. Lanes 3 & 4 exit I-94 SB. Lane 4 is westmost.
22	Townline Road (IL 60)																					Lanes 1 & 2 enter I-94 NB. Lane 1 is eastmost. Lanes 3 & 4 exit I-94 SB. Lane 4 is westmost.
23	Half Day Road																					Lanes 1 & 2 enter I-94 NB. Lane 1 is eastmost. Lanes 3 & 4 exit I-94 SB. Lane 4 is westmost.
26	Lake Cook Road																					Lanes 10 - 12 enter I-294 NB. Lane 12 is eastmost. Lanes 7 - 9 exit I-294 SB. Lane 7 westmost.
27	Willow Road																					Lanes 9 - 11 enter I-294 NB. Lane 9 is eastmost. Lanes 12 - 14 exit I-294 SB. Lane 14 is westmost.
28	Golf Road																					Lanes 1 - 3 enter I-294 NB. Lane 1 is eastmost. Lanes 4 - 6 exit I-294 SB. Lane 6 is westmost.
30	Balmoral Avenue																					Lanes 51-53 exit I-294 NB. Lane 53 is westmost.
31	O'Hare West																					Lane 1 is closest to the plaza building (northmost).
32	O'Hare East																					Lane 1 is closest to the plaza building (southmost).
34	75th Street																					Lanes 1 - 3 exit I-294 SB. Lanes 4 - 6 enter I-294 NB.
37	I-55																					Lanes 1 - 5 exit I-294 SB. Lane 1 is closest to the plaza building (westmost). Lanes 6 - 10 enter I-294 NB. Lane 10 is eastmost.
38	95th Street																					Lanes 1 & 2 exit I-294 NB. Lane 1 is eastmost. Lanes 3 & 4 enter I-294 SB. Lane 4 is westmost.
40	159th Street																					Lanes 1 & 2 enter NB I-294 from WB 159th St. Lanes 3 & 4 enter NB I-294 from EB 159th St. Lanes 5 & 6 exit SB I-294 to EB 159th St. Lanes 7 & 8 exit SB I-294 to WB 159th St.
42	I-57 (interchange)																					Lanes 52-53 enter NB I-294 from 147th Street. Lanes 55-56 enter NB I-294 from NB I-57. Lanes 61-62 exit SB I-294 to 147th Street. Lanes 65-66 exit SB I-294 to SB I-57.
43	I-80, Westbound																					Plaza to continue on I-80 WB from the southernmost portion of the Tri-State Tollway.
45	I-80, Eastbound																					Plaza to enter the southernmost portion of the Tri-State Tollway from I-80 EB.
47	Halsted Street																					Lanes 1 - 3 exit NB I-294 to Halsted St. Lane 1 is closest to the control building (northmost). Lanes 4 - 6 enter SB I-294 from Halsted St.

	Count
Open Road/All Electronic Tolling (ORT/AET)	56
Manual Lane Toll (MLT)	64
Shoulder	33
I-PASS Only Lane (IPO)	45
Automatic Coin Machine Lane (ACM)	34
Closed Lane/Other	3
<b>II = Center line/Main line</b>	-
<b>∧ = Change in Movement/Direction</b>	-







# REAGAN MEMORIAL TOLLWAY (I-88) PLAZA LANE CONFIGURATION AS OF 12-31-2017

No.	Name	Mainline Plaza														Notes										
		EAST							WEST																	
		Lane Number																								
		II							II																	
51	York Road							51	52	53	54	55	56	75	74	73	72	71	Serves WB traffic only. Plaza building located on north side.							
52	Meyers Road	71	72	73	74	51	52	53	54	55	56	60							Serves EB traffic only. Plaza building located on south side.							
61	Aurora	71	72	73	74	75	76	51	52	53	54	55	56	61	62	63	64	65	66	81	82	83	84	85	86	Plaza building located on south side
66	Dekalb							71	72	73	51	52	53	54	61	62	63	64	81	82	83	Plaza building located on south side				
69	Dixon							83	82	81	64	63	62	61	54	53	52	51	73	72	71	Plaza building located on north side				

No.	Name	Ramp Plaza														Notes									
		EAST							WEST																
		Lane Number																							
		II							II																
53	Spring Road																	1	2	3	All lanes enter I-88 WB from Spring Rd. Lane 1 is eastmost.				
54	Illinois Route 83																				All lanes enter I-88 EB from IL 83.				
55	Midwest Road																				All lanes enter I-88 EB from Midwest Rd.				
56	Highland Avenue																	4	3	2	1	Lanes 1 & 2 enter I-88 WB from Downers Dr. Lane 1 is westmost. Lanes 3 & 4 exit I-88 EB to Highland Ave. Lane 4 is southmost.			
57	Naperville Road																	1	2	3	4	5	6	Lanes 4 & 5 enter I-88 WB from Naperville Rd. Lanes 2 & 3 exit I-88 EB to Naperville Rd.	
58	Winfield Road																							Lanes 5 & 6 exit I-88 EB to Winfield Rd. Lane 5 is southmost. Lanes 7 & 8 enter I-88 WB from Winfield Rd. Lane 8 is closest to mainline.	
59	Farnsworth Avenue																	7	3	1	2	5	1	4	Lanes 1 & 5 exit I-88 WB to NB Farnsworth Ave. Lane 2 enters I-88 EB from NB Farnsworth Ave. Lanes 3 & 7 enter I-88 EB from SB Farnsworth Ave. Lane 4 exits I-88 WB to SB Farnsworth Ave.
60	Eola Road																	61	62	63	53	52	51	Lanes 52 & 53 exit I-88 WB to Bitter Rd. Lane 53 is westmost. Lanes 62 & 63 enter I-88 EB from Diehl Rd. Lane 63 is westmost.	
63	Illinois Route 31																							Lane 1 enters I-88 WB from IL 31. Lane 2 exits I-88 EB to IL 31.	
64	Orchard Road																							Lanes 1 & 2 enter I-88 WB from Orchard Rd. Lane 2 is northmost. Lanes 3 & 4 exit I-88 EB to Orchard Rd. Lane 4 is southmost.	
65	Peace Road																							Lanes 1 & 2 exit I-88 WB to Peace Rd. Lane 1 is northmost. Lanes 3 & 4 enter I-88 EB from Peace Rd. Lane 4 is southmost.	
67	Annie Glidden Road																							Lanes 3 & 4 exit I-88 WB to Annie Glidden Rd. Lanes 1 & 2 enter I-88 EB from Annie Glidden Rd.	

	Count
Open Road/All Electronic Tolling (ORT/AET)	26
Manual Lane Toll (MLT)	28
Shoulder	17
I-PASS Only Lane (IPO)	19
Automatic Coin Machine Lane (ACM)	22
Closed Lane/Other	10
<b>II = Center line/Main line</b>	-
<b>∧ = Change in Movement/Direction</b>	-



# VETERANS MEMORIAL TOLLWAY (I-355) PLAZA LANE CONFIGURATION AS OF 12-31-2017

Mainline Plaza		Lane Number												Notes									
No.	Name	SOUTH						NORTH															
		71	72	73	74	75	76	51	52	53	54	55	61	62	63	64	81	82	83	84	85	86	
73	Army Trail											II	61	62	63	64	81	82	83	84	85		Plaza building located on west side.
89	Boughton Road											II	61	62	63	64	81	82	83	84	85	86	Plaza building located on west side.
99	Spring Creek											II	55	54	53	52	51	73	72	71			Plaza building located on east side.

Ramp Plaza		Lane Number												Notes										
No.	Name	SOUTH						NORTH																
		6	5	4	3	2	1																	
75	North Avenue												II	3	2	1							Lanes 1 - 3 exit I-355 NB to North Ave. Lane 1 is eastmost.	
77	Roosevelt Road							1	2			II	3	4									Lanes 1 & 2 enter I-355 SB from Roosevelt Rd. Lane 1 is closest to control building (westmost). Lanes 3 & 4 exit I-355 NB to Roosevelt Rd. Lane 4 is eastmost.	
79	Butterfield Road							1	2			II	3	4									Lanes 1 & 2 enter I-355 SB from Butterfield Rd. Lane 1 is closest to control building (westmost). Lanes 3 & 4 exit I-355 NB. Lane 4 is eastmost.	
81	Ogden Avenue							1	2			II	3	4									Lanes 1 & 2 exit I-88 EB to Ogden Ave. Lane 1 is westmost. Lanes 3 & 4 enter I-88 WB from Ogden Ave. Lane 4 is eastmost.	
83	Maple Avenue							1	2	3		II	4	5	6								Lanes 1 - 3 exit I-355 SB to Maple Ave. Lane 1 is westmost. Lanes 4 - 6 enter I-355 from Maple Ave. Lane 6 is eastmost.	
85	63rd Street							6	5	4		II	3	2	1								Lanes 1-3 enter I-355 NB from 63rd St. Lane 1 is eastmost. Lanes 4-6 exit I-355 SB to 63rd St. Lane 6 is westmost.	
87	75th Street							6	5	4		II	3	2	1								Lanes 1-3 enter I-355 NB from 75th St. Lane 1 is eastmost. Lanes 4-6 exit I-355 SB to 75th St. Lane 6 is westmost.	
90	Boughton Road							1	2			II	3	4									Lanes 1 & 2 enter I-355 SB from Boughton Rd. Lanes 3 & 4 exit I-355 NB to Boughton Rd.	
93	127th Street							1	2			II	3	4									Lanes 3 & 4 enter I-355 NB from 127th St. Lanes 1 & 2 exit I-355 SB to 127th St.	
95	Archer Avenue							1	2			II	3	4									Lanes 3 & 4 enter I-355 NB from Archer Ave. Lanes 1 & 2 exit I-355 SB to Archer Ave.	
97	159th Street							1	2			II	3	4									Lanes 3 & 4 enter I-355 NB from IL 7. Lanes 1 & 2 exit I-355 SB to IL 7.	
101	U.S. Route 6							3	4			II	1	2									Lanes 3 & 4 enter I-355 SB from Route 6. Lanes 1 & 2 exit I-355 NB to US 6.	

	Count
Open Road/All Electronic Tolling (ORT/AET)	18
Manual Lane Toll (MLT)	20
Shoulder	12
I-PASS Only Lane (IPO)	37
Automatic Coin Machine Lane (ACM)	24
Closed Lane/Other	4
<b>II = Center line/Main line</b>	-
Δ = Change in Movement/Direction	-





# ILLINOIS ROUTE 390 TOLLWAY (IL 390) PLAZA LANE CONFIGURATION AS OF 12-31-2017

Mainline Plaza		Lane Number										Notes			
No.	Name	EAST					WEST								
		51	52	53	54	55	II	61	62	63	64		65		
320	Lively Boulevard														Cashless Plaza. Tolling began in 2017.
322	Mittel Drive														Cashless Plaza. Tolling began in 2017.
324	Hamilton Lakes Drive														Cashless Plaza. Tolling began in 2017.
326	Plum Grove Road														Cashless Plaza. Tolling began in 2016.
328	Mitchell Road														Cashless Plaza. Tolling began in 2016.
330	Lake Street														Cashless Plaza. Tolling began in 2016.
Ramp Plaza													Notes		
No.	Name	EAST		WEST											
		II	61	62	II	61	62	II	61	62	II	61	62		
325	Ketter Drive														Cashless Plaza. Tolling began in 2017.

	Count
Open Road/All Electronic Tolling (ORT/AET)	36
Manual Lane Toll (MLT)	0
Shoulder	26
I-PASS Only Lane (IPO)	0
Automatic Coin Machine Lane (ACM)	0
Closed Lane/Other	0
II = Center line/Main line	-
Δ = Change in Movement/Direction	-



