

Guideline to use Transportation Data Management System website to find Traffic Data

Please Note:

This guide is created to assist with finding AADT required for calculation of Liquidated Damage and Road User Cost.
Please feel free to use if you need it.

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Open the site for Transportation Data Management System:

<http://adot.ms2soft.com/tcds/tsearch.asp?loc=Adot&mod>

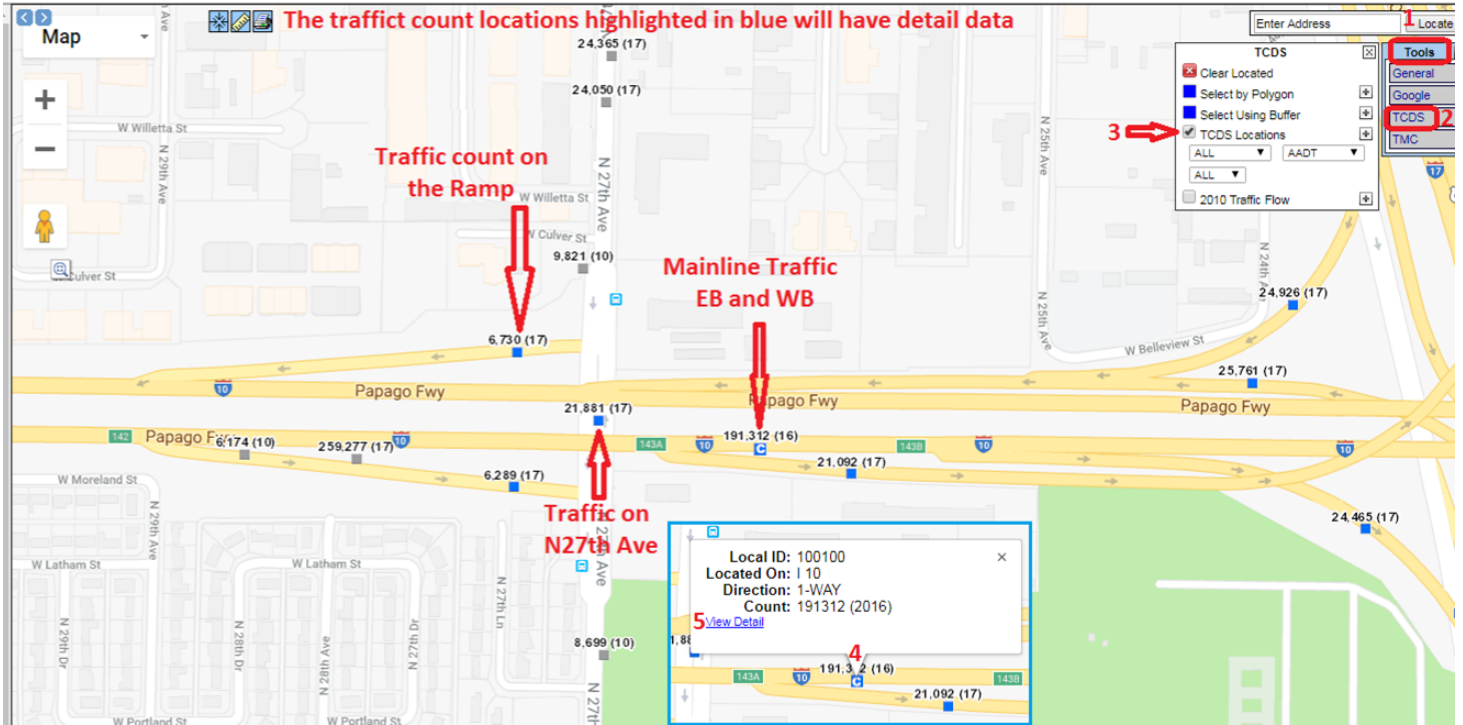
The screenshot displays the ADOT Transportation Data Management System interface. The top navigation bar includes links for Home, TMC, TCLS, TTDS, PMS, PMDS, RSMS, NMDS, PMMS, WOTS, and RTTV. Below this is a search section with 'Quick Search', 'Advanced Search', 'Map Search', and 'Tools' tabs. The 'Quick Search' section contains dropdown menus for County, Community, Located On (Road), Location ID, and Count Year, along with 'Search' and 'Clear' buttons. A 'Station Data' table is visible, showing counts for various station types across different categories. To the right of the table is a bar chart titled 'Percent of Data by Type' showing the distribution of data for AADT, Volume, Class, Gap, and WIM. The map on the right shows the state of Arizona with major cities and highways highlighted.

Station Type	Continuous	Short	WIM
Total	323	5,438	22
AADT	321	4,608	20
Volume	320	4,721	20
Class	185	957	17
Gap	0	0	0
WIM	33	8	22

Category	Percent
AADT	~93%
Volume	~93%
Class	~57%
Gap	0%
WIM	~22%

Zoom to the location of the project. Activate the Traffic Count Locations by opening tools drop down menu at the NE side of the screen (1 - Refers to the red number on the screenshot below-), click on TCDS (2), and then check mark the TCDS Locations (3). See screenshot below.

That will show all the traffic count locations on the visible portion of the map. The locations highlighted in blue include detail data and can be selected. Click on the appropriate counting location (4), and select View Detail (5).



After selecting the counting station, the details of that counting station will become available on the left side of the screen. Select the desired direction (6) (available if counting location is for both direction), select the day that is more representative of the day the road is supposed to be open (weekday or weekend) (7).

From Road		Exit 142 27th Ave (EB only)				
To Road		Exit 143 I-17 (Exit 200A)				
From PR	From MP	To PR	To MP	Bgn PT	End PT	Length
0	142.66	0	143.18			0.52

More Detail ▶

STATION DATA		Show Data
Directions:	<input checked="" type="radio"/> 1-WAY <input type="radio"/> EB <input type="radio"/> ?	Select direction if applicable
	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6	

AADT ?								
	Year	AADT	DHV-30	K %	D %	PA	BC	Src
	2016	191,312 ¹²	6,946	7	51	171,416 (90%)	19,896 (10%)	
	2015	197,916 ¹²	7,265	4	51	184,606 (93%)	13,310 (7%)	
	2014	196,886 ²	7,361	4	57			
	2013	192,512 ²	7,651	4				
	2012	181,760 ²	7,596	4				

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Travel Demand Model										
Model Year	Model AADT	AM PHV	AM PPV	MD PHV	MD PPV	PM PHV	PM PPV	NT PHV	NT PPV	

VOLUME COUNT			
	Date	Int	Total
👁	Sat 12/30/2017	15	110,875
👁	Fri 12/29/2017	15	128,389
7 👁	Thu 12/28/2017	15	125,596
👁	Wed 12/27/2017	15	121,420
👁	Tue 12/26/2017	15	115,173
👁	Mon 12/25/2017	15	84,614
👁	Sun 12/24/2017	15	91,356
👁	Sat 12/23/2017	15	113,362
👁	Fri 12/22/2017	15	131,661
👁	Thu 12/21/2017	15	125,582

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mm/dd/yyyy To Date

VOLUME TREND ?	
Year	Annual Growth
2017	-45%
2016	-3%
2015	1%
2014	2%
2013	6%
2012	-36%
2011	-3%
2010	1%
2009	33%
2008	-4%

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After clicking on the eye icon, the detail of the traffic for that day will be available. Select the hourly count based on the supposed opening time of the road. In the screenshot below, it was assumed the road needs to be open by 5AM.

Volume Count Report					
LOCATION INFO					
Location ID	100100				
Type	LINK				
Funct'l Class	1				
Located On	I 10				
Loc On Alias					
From Road	Exit 142 27th Ave (EB only)				
To Road	Exit 143 I-17 (Exit 200A)				
Direction	1-WAY				
County	Maricopa				
Community	-				
MPO ID	0				
HPMS ID	Z96000000384				
Agency	Arizona DOT				
INTERVAL:15-MIN					
Time	15-min Interval				Hourly Count
	1st	2nd	3rd	4th	
0:00-1:00	246	342	316	305	1,209
1:00-2:00	278	271	261	270	1,080
2:00-3:00	252	267	308	329	1,156
3:00-4:00	273	416	530	565	1,784
4:00-5:00	567	913	1,332	1,412	4,224
5:00-6:00	1,518	2,130	2,089	1,988	7,722
6:00-7:00	1,974	1,973	1,874	1,937	7,758
7:00-8:00	1,801	1,886	1,814	1,588	7,089
8:00-9:00	1,403	1,459	1,660	1,580	6,102
9:00-10:00	1,561	1,670	1,848	1,796	6,875
10:00-11:00	1,668	1,706	1,786	1,725	6,885
11:00-12:00	1,694	1,732	1,861	1,892	7,179
12:00-13:00	1,709	1,836	1,885	1,751	7,181
13:00-14:00	1,800	1,904	1,762	1,812	7,278
14:00-15:00	1,852	1,813	1,791	1,801	7,257
15:00-16:00	1,737	1,645	1,644	1,555	6,581
16:00-17:00	1,589	1,623	1,403	1,371	5,986
17:00-18:00	1,431	1,603	1,609	1,511	6,154
18:00-19:00	1,434	1,488	1,588	1,572	6,082
COUNT DATA INFO					
Count Status	Accepted				
Start Date	Thu 12/28/2017				
End Date	Fri 12/29/2017				
Start Time	12:00:00 AM				
End Time	12:00:00 AM				