

# 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 Road User Cost.

Questions, Email PShafieian@azdot.gov

Open the site for Transportation Data Management System:

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

The screenshot displays the Transportation Data Management System interface. On the left, there is a search panel with the following sections:

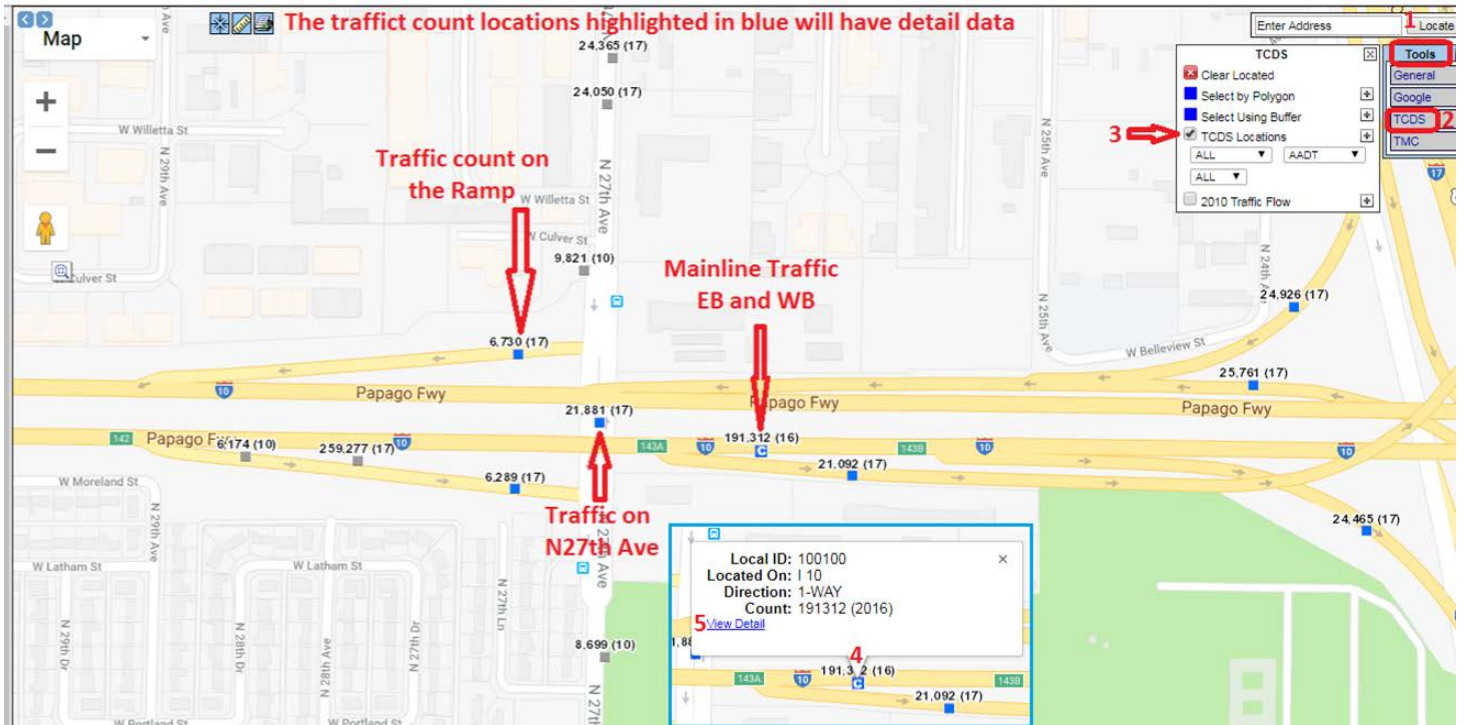
- Quick Search:** Includes fields for County, Community, Located On (Road), Location ID, and Count Year, along with Search and Clear buttons.
- Station Data:** A table with columns for Station Type, Continuous, Short, and WIM.
- Percent of Data by Type:** A horizontal bar chart showing the distribution of data across AADT, Volume, Class, Gap, and WIM categories.

The main area on the right features a map of Arizona with a black outline indicating a specific geographic region. The map includes major cities like Las Vegas, Henderson, Phoenix, Tucson, and Mexico, as well as various Indian Reservations.

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

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).

<b>LOC ON Atlas</b>							
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 ▶							
<b>STATION DATA</b> <span style="color: red; font-size: 2em;">6</span>							Show Data
Directions:		1-WAY		EB		?	
		1		2		3	
		4		5		6	
<b>Select direction if applicable</b>							
<b>AADT</b> ?							
	Year	AADT	DHV-30	K %	D %	PA	BC
	2016	191,312 <sup>12</sup>	6,946	7	51	171,416 (90%)	19,896 (10%)
	2015	197,916 <sup>12</sup>	7,265	4	51	184,606 (93%)	13,310 (7%)
	2014	196,886 <sup>2</sup>	7,361	4	57		
	2013	192,512 <sup>2</sup>	7,651	4			
	2012	181,760 <sup>2</sup>	7,596	4			
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1-5 of 26							
<b>Travel Demand Model</b>							
	Model Year	Model AADT	AM PHV	AM PPV	MD PHV	MD PPV	PM PHV
			PM PPV	NT PHV	NT PPV		
<b>VOLUME COUNT</b>				<b>VOLUME TREND</b> ?			
	Date	Int	Total	Year	Annual Growth		
👁	Sat 12/30/2017	15	110,875	2017	-45%		
👁	Fri 12/29/2017	15	128,389	2016	-3%		
7	Thu 12/28/2017	15	125,596	2015	1%		
👁	Wed 12/27/2017	15	121,420	2014	2%		
👁	Tue 12/26/2017	15	115,173	2013	6%		
👁	Mon 12/25/2017	15	84,614	2012	-36%		
👁	Sun 12/24/2017	15	91,356	2011	-3%		
👁	Sat 12/23/2017	15	113,362	2010	1%		
👁	Fri 12/22/2017	15	131,661	2009	33%		
👁	Thu 12/21/2017	15	125,582	2008	-4%		
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mm/dd/yyyy		To Date					
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1-10 of 25							

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		INTERVAL:15-MIN					
Location ID	100100	Time	15-min Interval				Hourly Count
Type	LINK		1st	2nd	3rd	4th	
Funct'l Class	1	0:00-1:00	246	342	316	305	1,209
Located On	I 10	1:00-2:00	278	271	261	270	1,080
Loc On Alias		2:00-3:00	252	267	308	329	1,156
From Road	Exit 142 27th Ave (EB only)	3:00-4:00	273	416	530	565	1,784
To Road	Exit 143 I-17 (Exit 200A)	4:00-5:00	567	913	1,332	1,412	4,224
Direction	1-WAY	5:00-6:00	1,518	2,130	2,089	1,988	7,722
County	Maricopa	6:00-7:00	1,974	1,973	1,874	1,937	7,758
Community	-	7:00-8:00	1,801	1,886	1,814	1,588	7,089
MPO ID	0	8:00-9:00	1,403	1,459	1,660	1,580	6,102
HPMS ID	Z96000000384	9:00-10:00	1,561	1,670	1,848	1,796	6,875
Agency	Arizona DOT	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						