



9 Avenue S.E. Traffic Data

The City of Calgary has compiled data about the speed and volumes of traffic on 9 Avenue S.E., as well as the frequency and types of collisions that occur on the avenue.

Current traffic and safety conditions on 9 Avenue S.E. are within an average and acceptable range, compared to similar streets in Calgary. We recognize that the data doesn't necessarily reflect the experience of the people travelling the area on a regular basis, and we've heard from you that you would appreciate a greater feeling of safety as a user of 9 Avenue S.E.

There are a number of solutions that we can explore to improve the sense of safety for users of 9 Avenue S.E., though most are currently not funded. We will continue to look for opportunities to fund and implement these solutions.

Traffic Volumes

Traffic volumes have been fairly stable over the last five years with growth rates in 0.5-1.0% ranges, and average daily traffic counts around 21,000. The exception is that westbound traffic along 9 Avenue S.E. has grown by about 3%, with most of the activity happening after the noon hour; morning peak hour volumes have decreased.

Annual Average Daily Traffic on 9 Avenue S.E.		
Year	West of 12 Street S.E.	East of 12 Street S.E.
2015	21000	16000
2014	N/A	18000
2013	N/A	17000
2012	21000	17000
2011	21000	16000



Collisions

The number of accidents has not increased year over year with 80-90 collisions per year. Of the 412 collisions reported, 370 (90 per cent) were vehicle damage only, and 42 (10 per cent) involved an injury. Rear end collisions are the most frequent type of collision with between 27 and 34 annually.

Collision Type by Year						
Collision Type	2011	2012	2013	2014	2015	Grand Total
Backing		1	2	4	3	10
Left Turn Across Path	4	7	3	2	9	25
Off Road Right	2					2
Other/Specify		1	1	1		3
Passing - Left Turn	1		1		1	3
Passing-Right Turn	1	2		1	2	6
Pedestrian	1		5	1		7
Rear End	34	27	34	33	26	154
Right Angle	5	8	4	7	7	31
Sideswipe-Opposite Direction	2	3	2	1	1	9
Sideswipe-Same Direction	12	17	13	17	14	73
Struck Object	16	14	17	14	24	85
Head On	1	1	1		1	4
Grand Total	79	81	83	81	88	412



Type by Collision Severity			
Collision Type	Injury	Property damage	Grand Total
Backing		10	10
Left Turn Across Path	4	21	25
Off Road Right	1	1	2
Other/Specify	1	2	3
Passing - Left Turn	1	2	3
Passing-Right Turn		6	6
Pedestrian	5	2	7
Rear End	14	140	154
Right Angle	7	24	31
Sideswipe-Opposite Direction		9	9
Sideswipe-Same Direction	2	71	73
Struck Object	6	79	85
Head On	1	3	4
Grand Total	42	370	412
Percent of Total	10%	90%	100%

Year	Injured Ped	Injured Cyclist	Injured Motorcyclist	Killed Ped	Killed Cyclist	Killed Motorcyclist	Year Totals
2011	1	1	1	0	0	0	3
2012	0	2	0	0	0	0	2
2013	4	2	0	0	0	0	6
2014	2	0	0	0	0	0	2
2015	0	0	1	0	0	0	1
Total	7	5	2	0	0	0	14

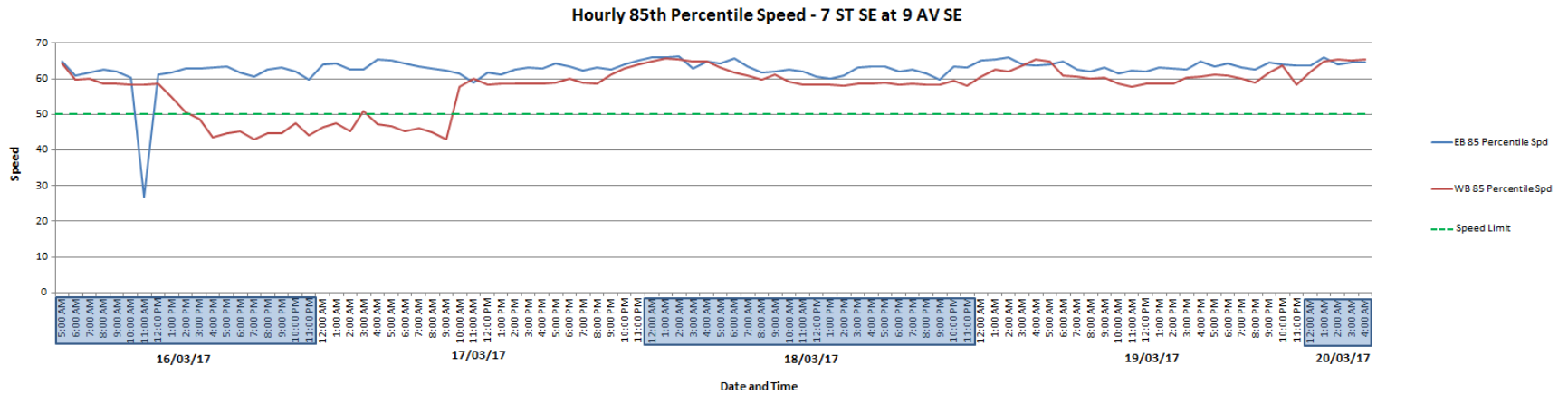
Traffic Speeds

Speeds have decreased by about 10kph, with the majority of vehicles (85th percentile) driving at 45kph, which is below the posted speed limit of 50kph. The City monitored traffic speeds at five locations over the course of four days in March 2017. Hourly data is available in the corresponding document: *9 Avenue S.E. Traffic Speeds 2017*.

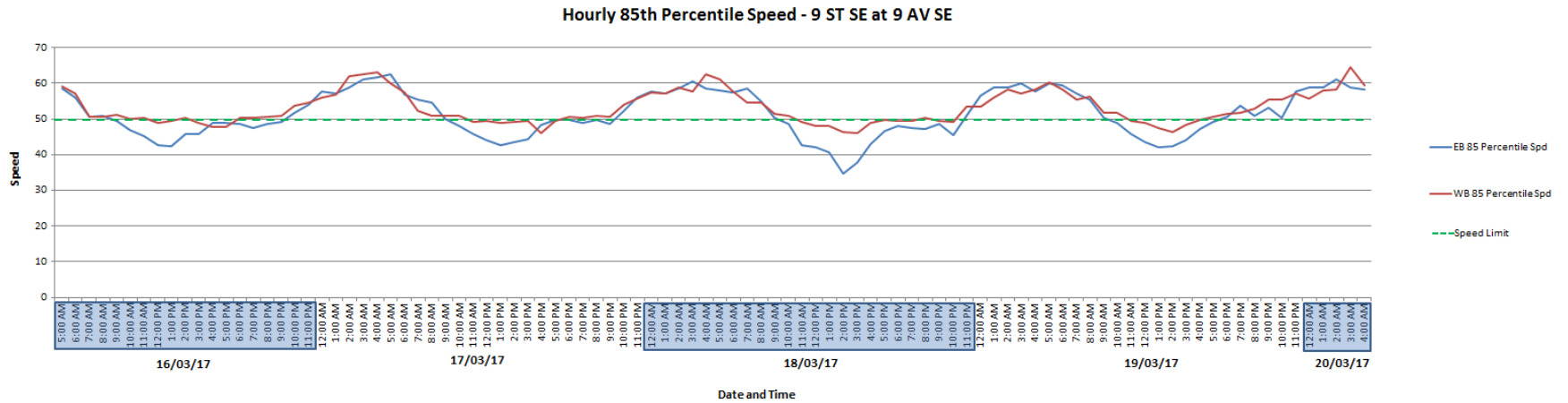




1. 7 Street at 9 Avenue S.E.

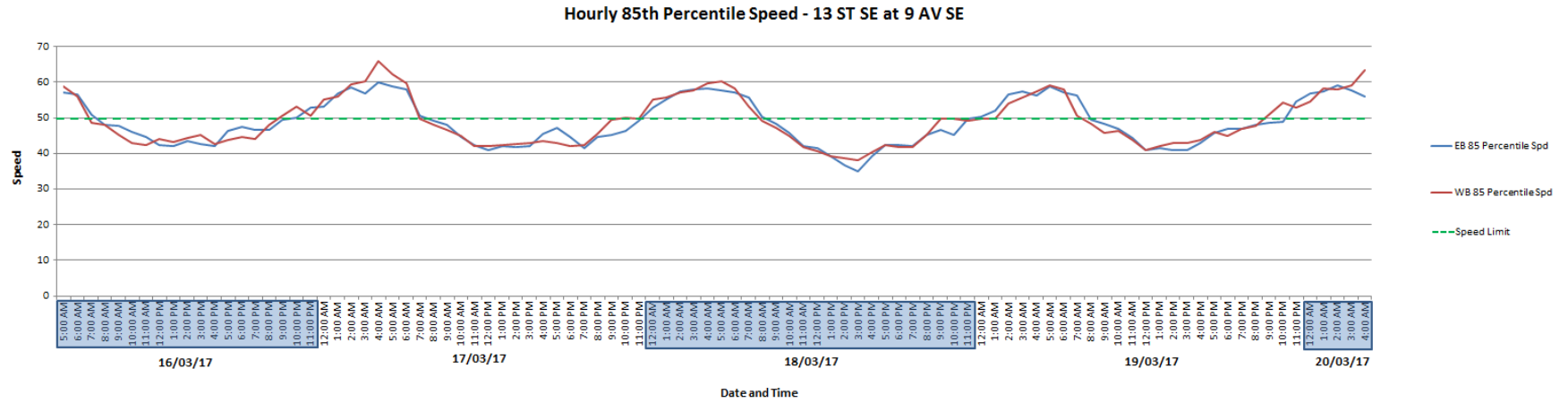


2. 9 Street at 9 Avenue S.E.

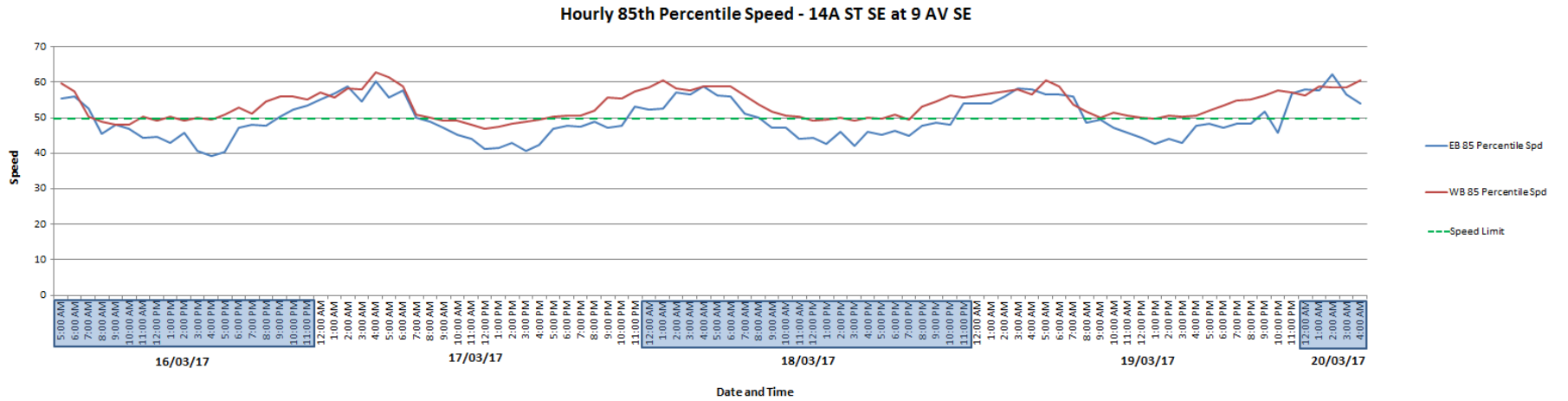




3. 13 Streets at 9 Avenue S.E.



4. 14A Street at 9 Avenue S.E.



5. 19 Street at 9 Avenue S.E.

