

*JBNA General Meeting  
Wednesday, October 12<sup>th</sup>, 2016*

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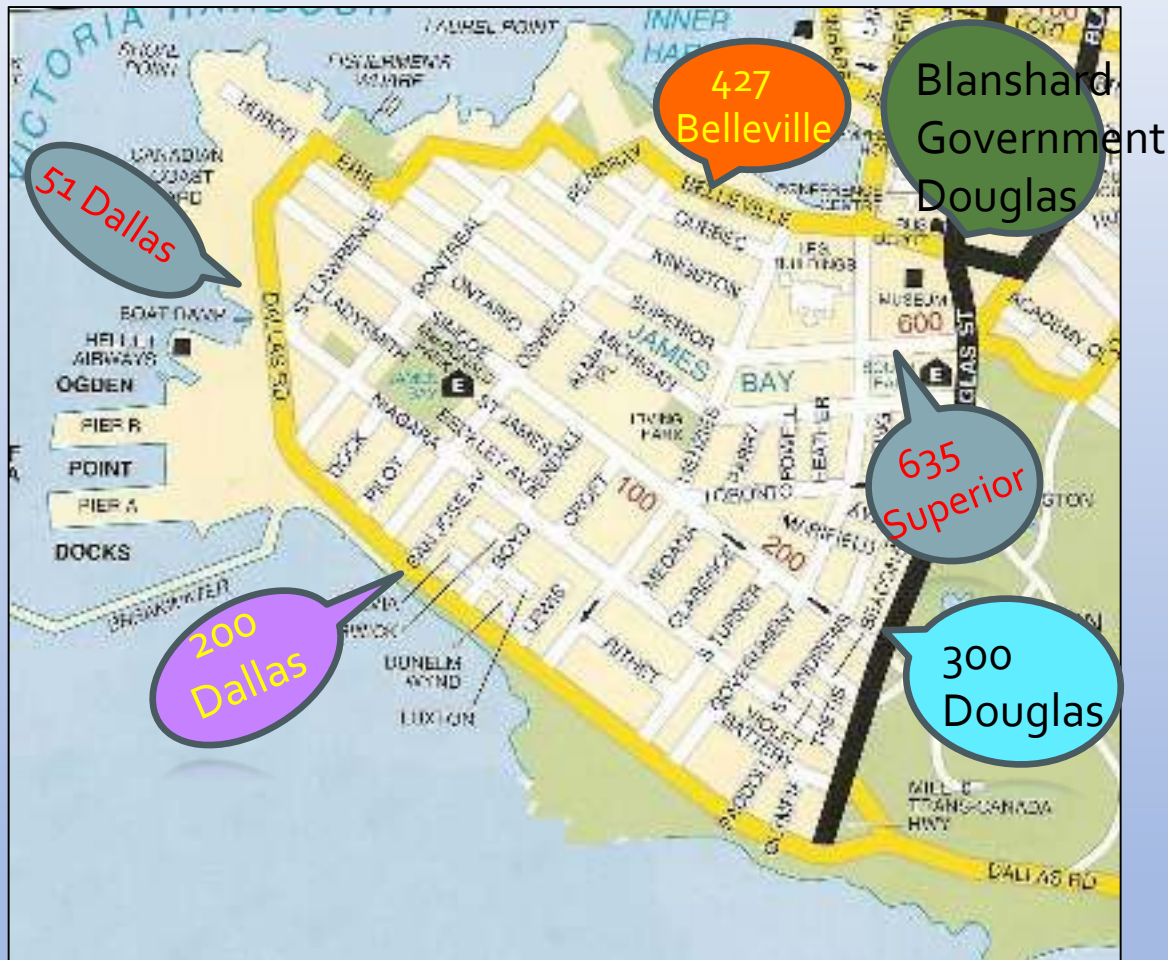


*Cruise Ship Traffic Volumes in  
James Bay  
2016 Edition*

*Brian Scarfe*

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# 2016 CoV traffic counts



*Other 2016  
Heather*

*Other years  
Oswego  
Montreal*



*traffic  
entering & leaving James Bay*

Daily Traffic:	Total	Northbnd	Southbnd	3+ Axle
600 Blanshard	12,264	7,457	4,807	187
720 Douglas	12,021	5,623	6,398	351
700 Government	11,656	6,909	4,747	219

Daily Traffic:	Total	Westbnd	Eastbnd	3+ Axle
700 Dallas	10,912	5,720	5,192	63

## *traffic travelling in James Bay*

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Daily Traffic:	Total	Westbnd	Eastbnd	3+ Axle
427 Belleville	10,131	5,478	4,653	94
635 Superior	9,244	3,924	5,320	179
200 Dallas Rd	5,387	2,708	2,679	82

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Daily Traffic:	Total	Northbnd	Southbnd	3+ Axle
300 Douglas*	8,981	4,886	4,095	468*
51 Dallas Road	5,515	3,117	2,399	28

\* 2015 data . . . Buses & trucks: includes 2 axle and 3+ axle

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## *traffic/hr with and without ships in port*

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	Day no ship	Day 1-ship	Evening no ship	Evening 1-ship	Evening 3-ships
51 Dallas	271.3	440.1	160.8	295.7	490.1
200 Dallas	271.1	449.2	167.8	271.8	414.9
3+ Axle	2.5	7.6	0.9	6.3	9.1
427 Belleville	601.2	693.8	381.3	451.4	584.2
635 Superior	628.0	702.6	313.0	288.5	269.6



# *traffic generated by an average ship call:*

*2011-2016*

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	2011	2012	2014	2015	2016
Dallas (E of OP)					
all vehicles	384	348	341	307	360
large vehicles	42	41	43	58*	27*
Douglas					
large vehicles		38	35	36	
Oswego					
all vehicles		196	197		

\* Change in definition of data collected



*regression analysis:*

*June 17-23, 2016*

*vehicles per hour both directions*

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51 Dallas (mid-block):

vehicles/hr = 200 + 66 (if daytime) + 89 (X number of ships)

200 Dallas:

vehicles/hr = 201 + 83 (if daytime) + 69 (X number of ships)

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