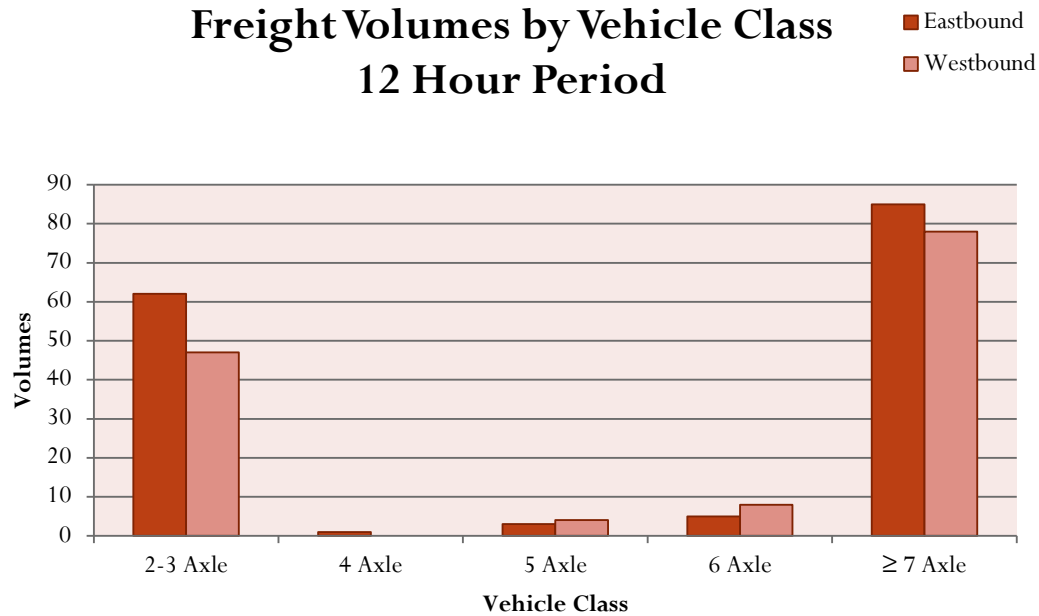
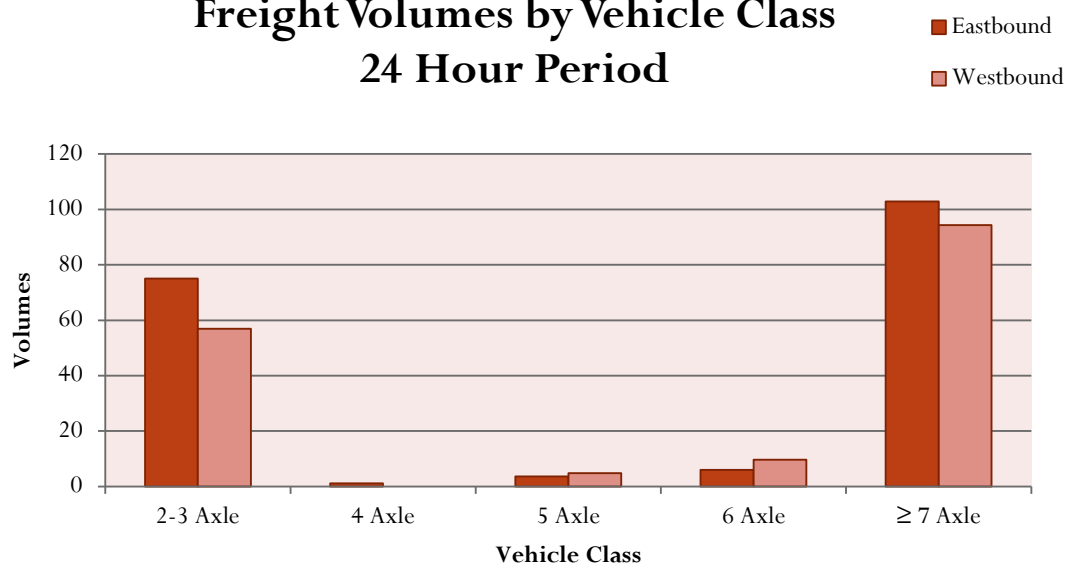


TRAFFIC HIGHLIGHTS OF SITE V10014			
1.1	Site Identifier	V10014	
1.2	Site Name	P404 Station 2	
1.3	Site Description	Segment 2	
1.4	Road Description	Route : Road : P404 Section : Distance : 0.0km	
1.5	GPS Position	30 45 27.6E -27 45 32.0S	
1.6	Number of Lanes	2	
1.7	Station Type	Secondary	
1.8	Requested Period	2021/04/06 - 2021/04/13	
1.9	Length of record requested (hours)	192	
1.10	Actual First & Last Dates	2021/04/06 - 2021/04/08	
1.11	Actual available good data (hours)	50	
1.12	Percentage good data available for requested period	26.4	
		To Paulpietersburg	To Vryheid
2.1a	Total number of vehicles (counted)	2046	2013
2.1b	Total number of vehicles (projected for period)	7752	7627
2.2	Average daily traffic (ADT)	969	953
2.3	Average daily truck traffic (ADTT)	78	72
2.4	Percentage of trucks	8.0	7.6
2.5	Truck split % (short:medium:long)	57 : 20 : 23	55 : 21 : 24
2.6	Percentage of night traffic (20:00 - 06:00)	6.8	4.2
3.1	Speed limit (km/hr)		60
3.2	Average speed (km/hr)	92.1	97.9
3.3	Average speed - light vehicles (km/hr)	93.3	99.1
3.4	Average speed - heavy vehicles (km/hr)	77.8	82.3
3.5	Average night speed (km/hr)	91.3	98.1
3.6	15th centile speed (km/hr)	73.7	77.6
3.7	85th centile speed (km/hr)	111.9	120.0
3.8	Percentage vehicles in excess of speed limit	95.7	97.5
4.1	Percentage vehicles in flows over 600 vehicles/hr	0.0	0.0
4.2	Highest volume on the road (vehicles/hr)	2021/04/06 16:00:00	174
4.3	Highest volume in the North (vehs/hr)	2021/04/08 08:00:00	86
4.4	Highest volume in the South (vehs/hr)	2021/04/08 16:00:00	97
4.5	Highest volume in a lane (vehicles/hr)	2021/04/08 16:00:00	97
4.6	15th highest volume on the road (vehicles/hr)	2021/04/07 14:00:00	135
4.7	15th highest volume in the North direction (vehs/hr)	2021/04/07 14:00:00	68
4.8	15th highest volume in the South direction (vehs/hr)	2021/04/07 14:00:00	67
4.9	30th highest volume on the road (vehicles/hr)	2021/04/08 19:00:00	72
4.10	30th highest volume in the North direction (vehs/hr)	2021/04/07 19:00:00	32
4.11	30th highest volume in the South direction (vehs/hr)	2021/04/07 20:00:00	32
5.1	Percentage of vehicles less than 2s behind vehicle ahead		
6.1	Total number of heavy vehicles (projected for period)	621	580
6.2	Estimated average number of axles per truck	3.7	3.8
6.3	Estimated truck mass (Ton/truck)	21.6	22.2
6.4	Estimated average E80/truck	1.3	1.4
6.5	Estimated daily E80 on the road		201
6.6	Estimated daily E80 in the North direction		103
6.7	Estimated daily E80 in the South direction		99
6.8	Estimated daily E80 in the worst North lane		103
6.9	Estimated daily E80 in the worst South lane		99
6.10	ASSUMPTION on Axles/Truck (Short:Medium:Long)		(2.0 : 5.0 : 7.0)
6.11	ASSUMPTION on Mass/Truck (Short:Medium:Long)		(10.9 : 31.5 : 39.8)
6.12	ASSUMPTION on E80s/Truck (Short:Medium:Long)		(0.6 : 2.5 : 2.1)

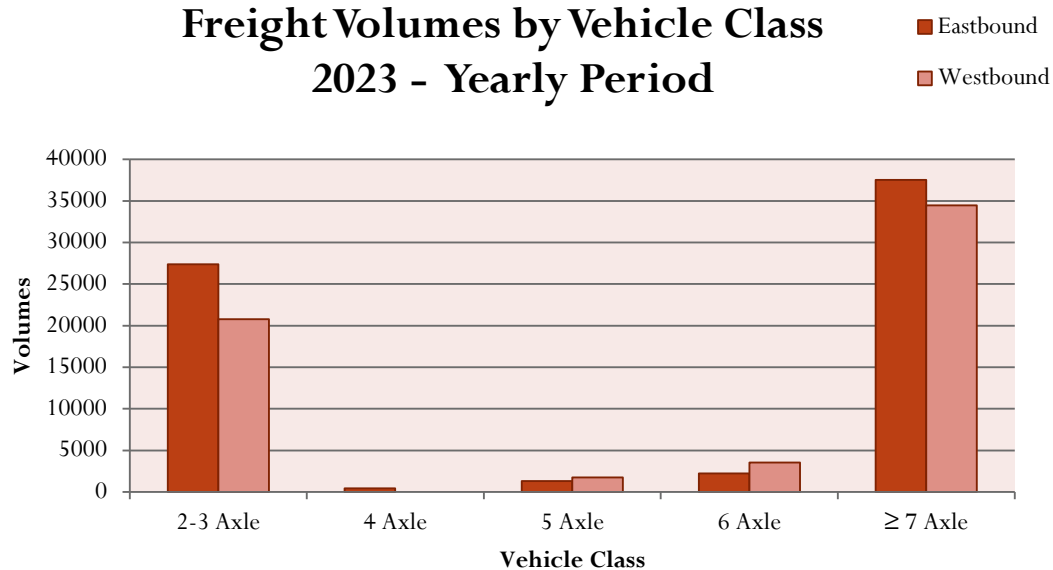
Freight Volumes by Vehicle Class 12 Hour Period

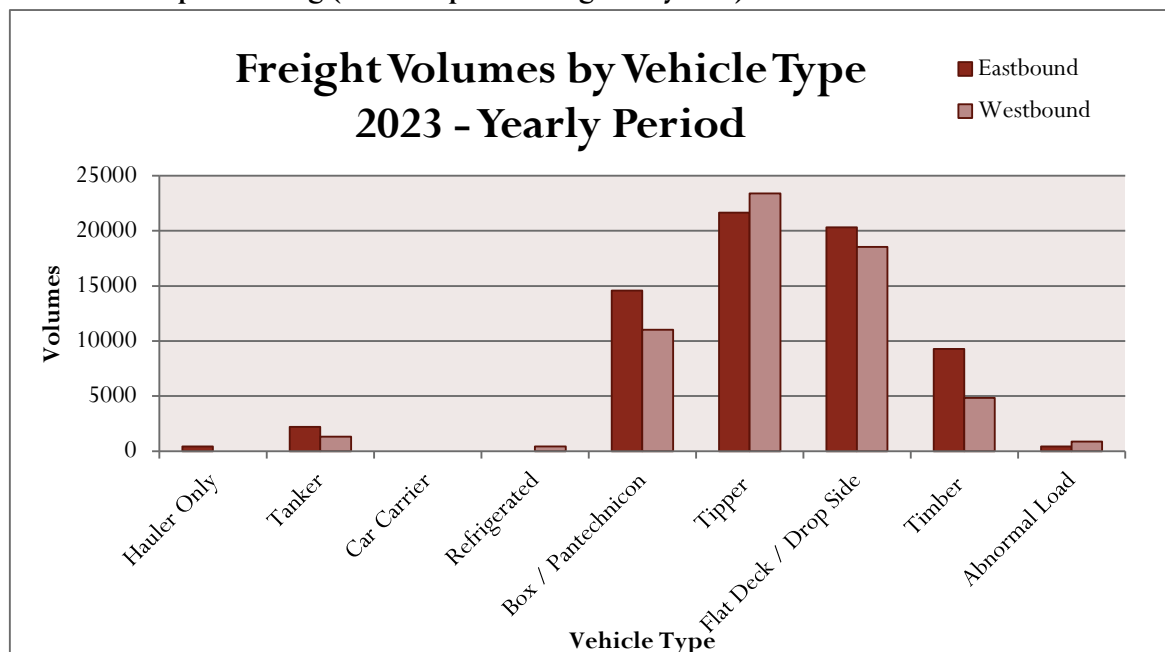
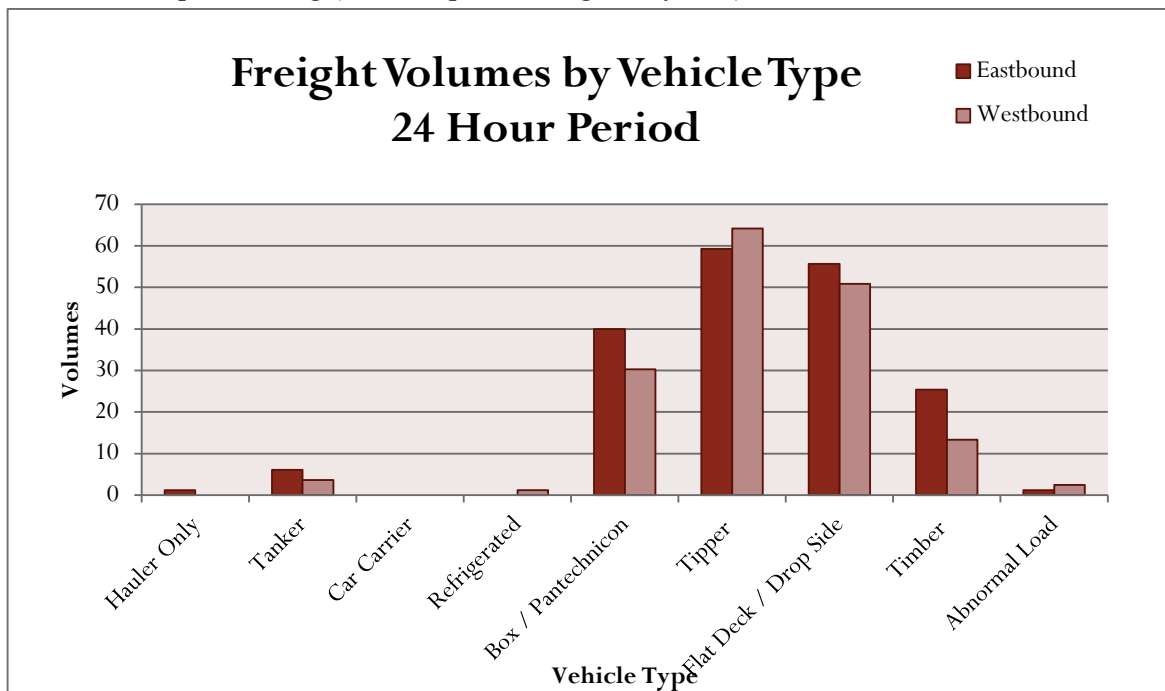
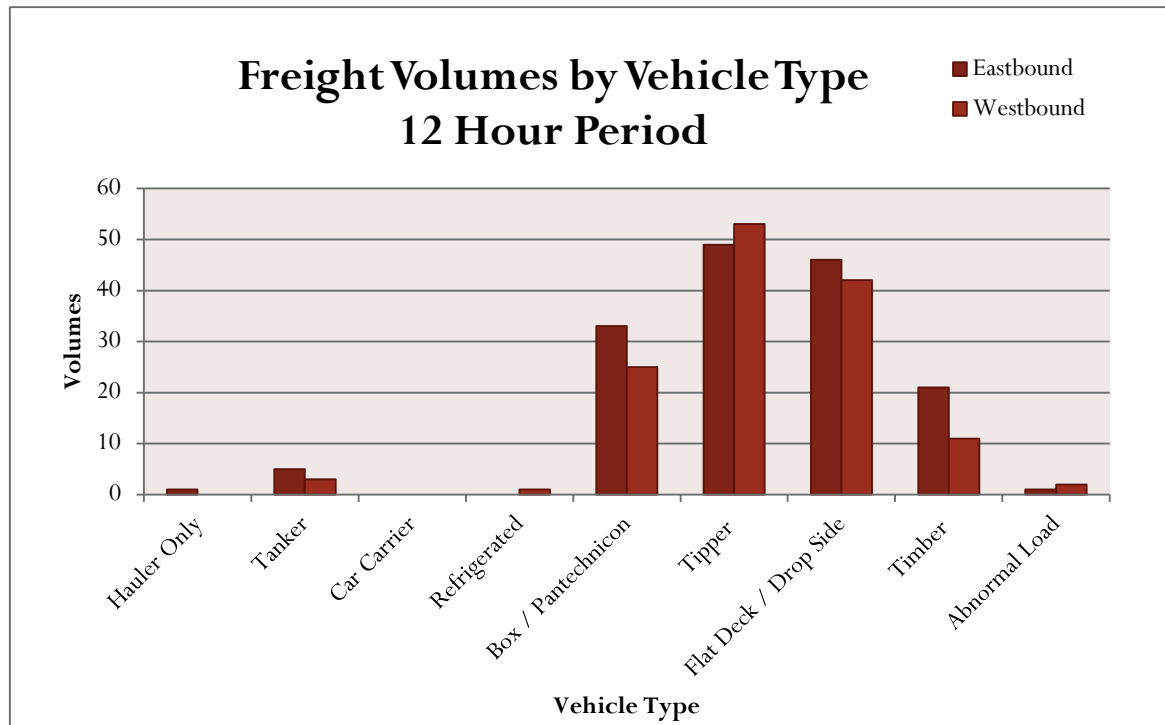


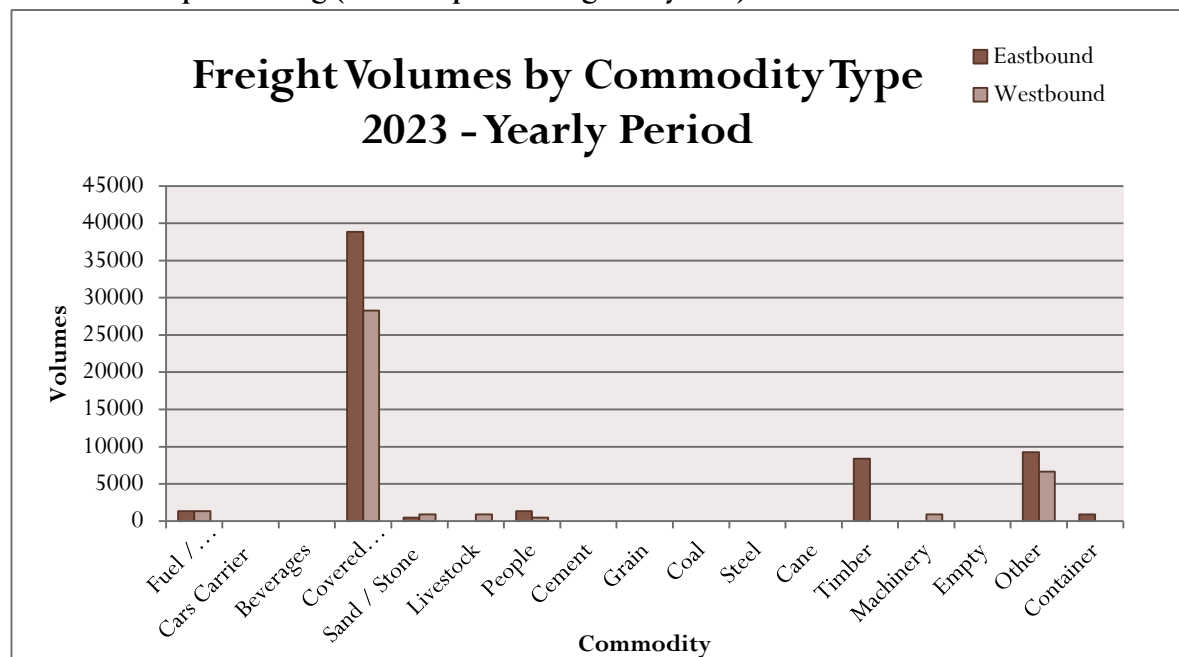
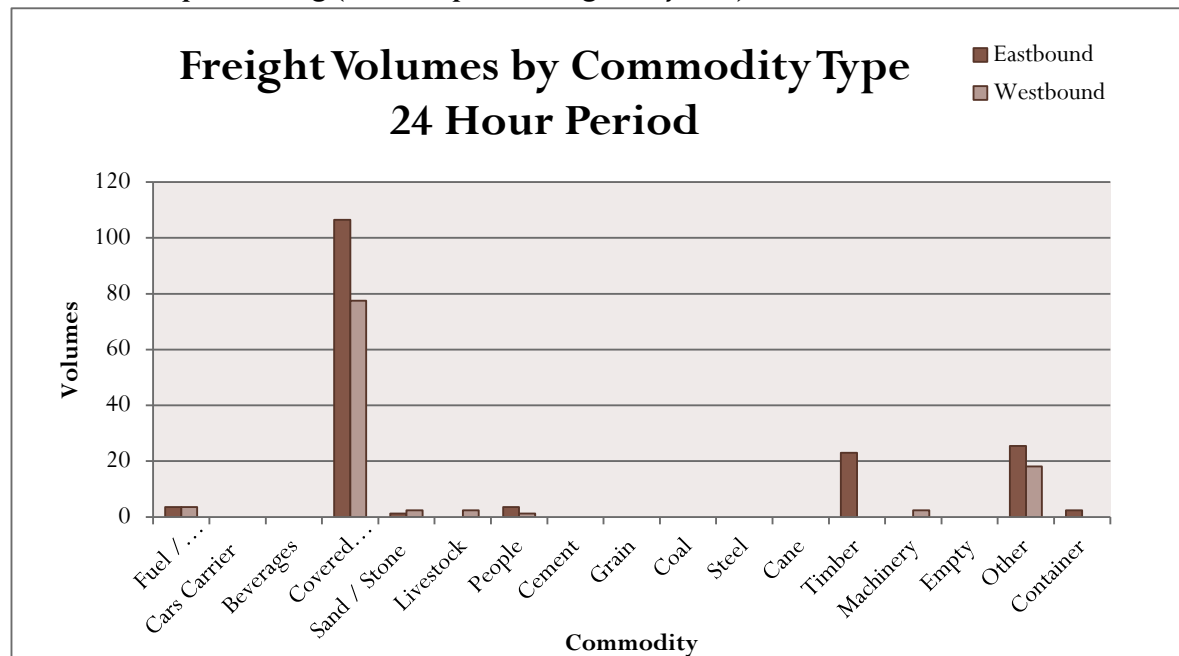
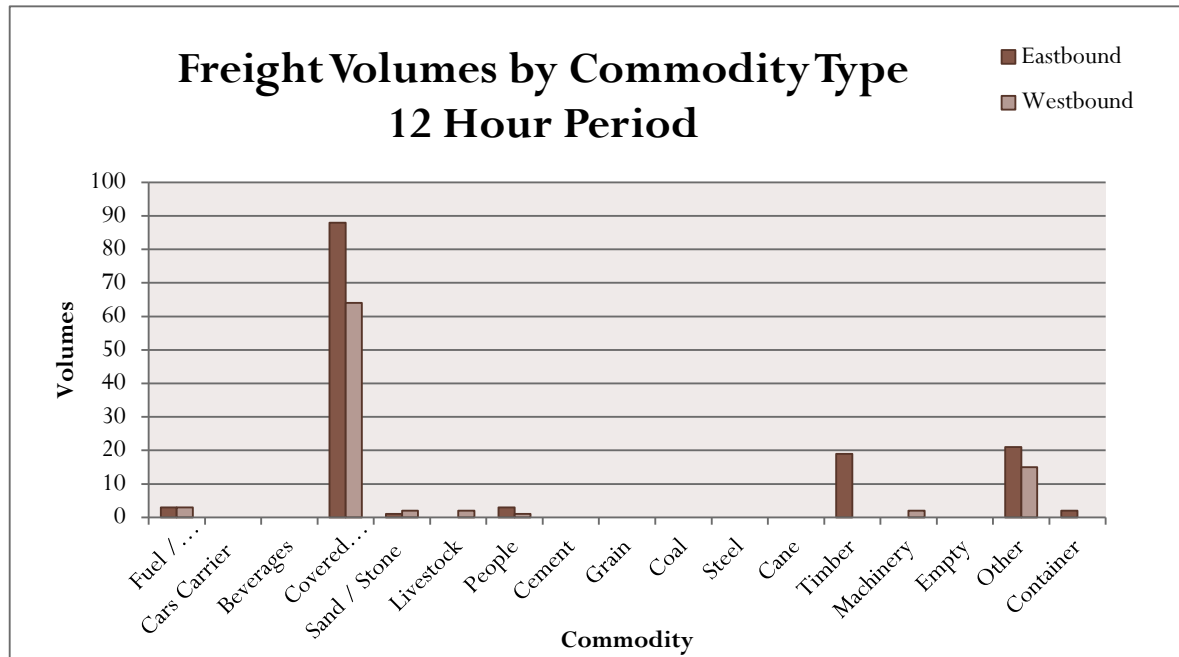
Freight Volumes by Vehicle Class 24 Hour Period

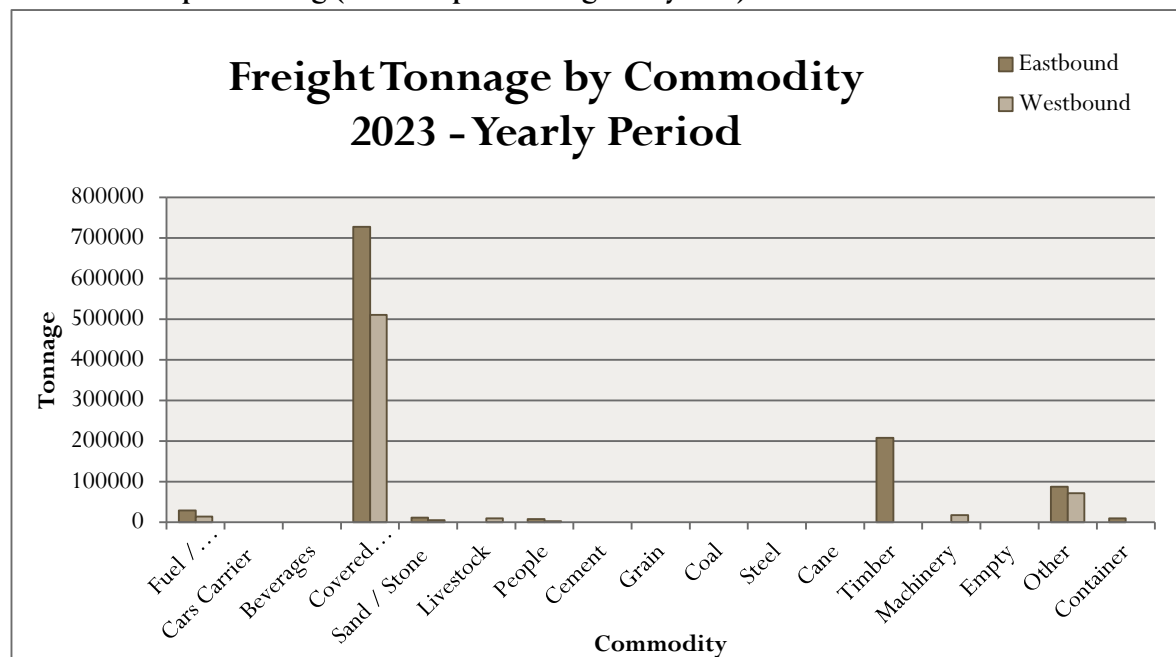
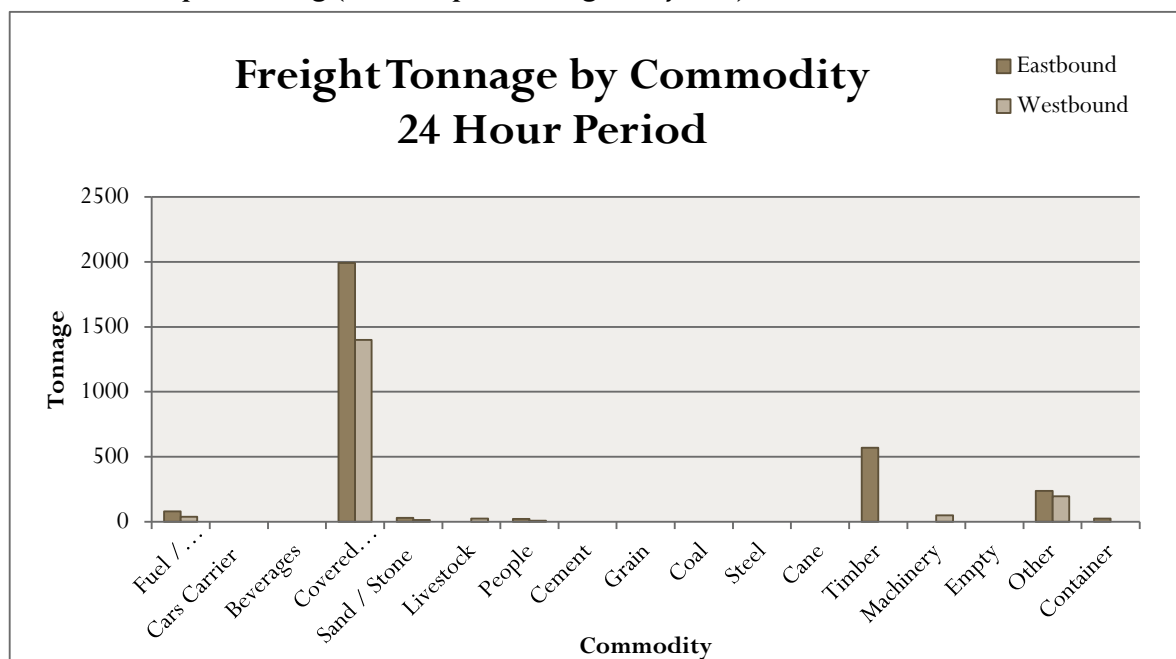
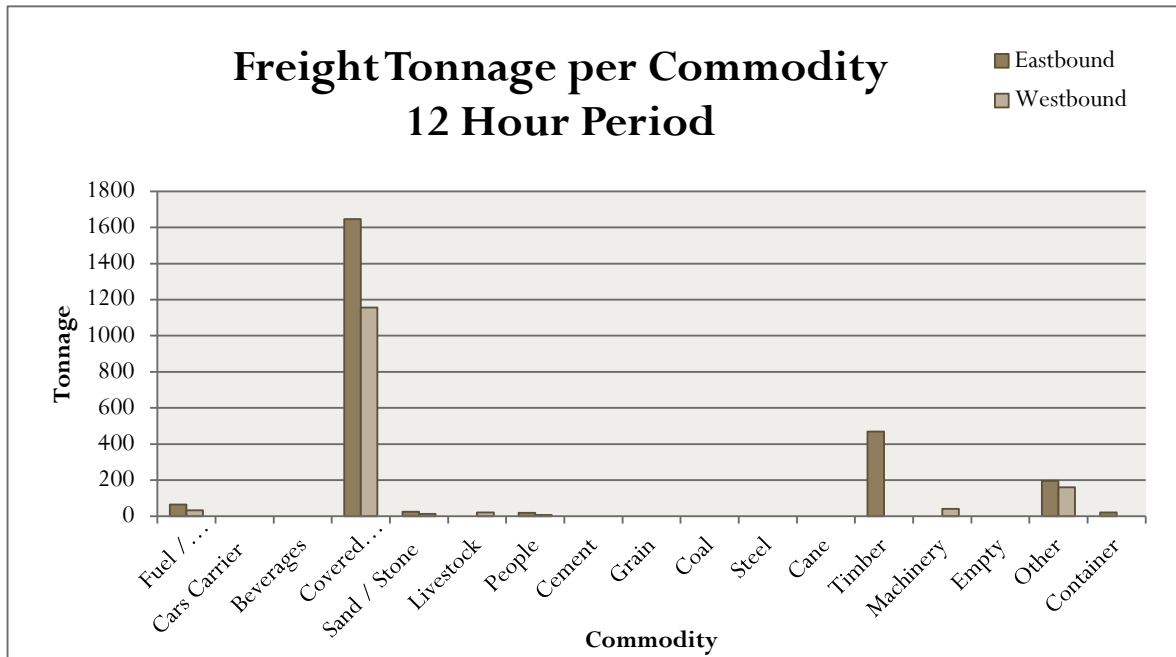


Freight Volumes by Vehicle Class 2023 - Yearly Period









040 Paulpietersburg (R33 Paulpietersburg to Vryheid) Freight Tonnage by Commodity by Vehicle Class (12 Hours) Date: 04-10-2023													
Eastbound							Westbound						
	2-3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total		2-3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total
Fuel / Chemicals	0	0	0	40	25	65	Fuel / Chemicals	12	0	0	20	0	32
Cars Carrier	0	0	0	0	0	0	Cars Carrier	0	0	0	0	0	0
Beverages	0	0	0	0	0	0	Beverages	0	0	0	0	0	0
Covered Load / Sail or Tarp	162	10	30	20	1425	1647	Covered Load / Sail or Tarp	132	0	30	20	975	1157
Sand / Stone	0	0	0	0	25	25	Sand / Stone	12	0	0	0	0	12
Livestock	0	0	0	0	0	0	Livestock	6	0	15	0	0	21
People	18	0	0	0	0	18	People	6	0	0	0	0	6
Cement	0	0	0	0	0	0	Cement	0	0	0	0	0	0
Grain	0	0	0	0	0	0	Grain	0	0	0	0	0	0
Coal	0	0	0	0	0	0	Coal	0	0	0	0	0	0
Steel	0	0	0	0	0	0	Steel	0	0	0	0	0	0
Cane	0	0	0	0	0	0	Cane	0	0	0	0	0	0
Timber	0	0	0	20	450	470	Timber	0	0	0	0	0	0
Machinery	0	0	0	0	0	0	Machinery	0	0	0	40	0	40
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	102	0	0	20	75	197	Other	66	0	0	20	75	161
Container	6	0	15	0	0	21	Container	0	0	0	0	0	0

040 Paulpietersburg (R33 Paulpietersburg to Vryheid) Freight Tonnage by Commodity by Vehicle Class (24 Hours) Date: 04-10-2023													
Eastbound							Westbound						
	3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total		3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total
Fuel / Chemicals	0	0	0	48	30	79	Fuel / Chemicals	15	0	0	24	0	39
Cars Carrier	0	0	0	0	0	0	Cars Carrier	0	0	0	0	0	0
Beverages	0	0	0	0	0	0	Beverages	0	0	0	0	0	0
Covered Load / Sail or Tarp	196	12	36	24	1724	1993	Covered Load / Sail or Tarp	160	0	36	24	1180	1400
Sand / Stone	0	0	0	0	30	30	Sand / Stone	15	0	0	0	0	15
Livestock	0	0	0	0	0	0	Livestock	7	0	18	0	0	25
People	22	0	0	0	0	22	People	7	0	0	0	0	7
Cement	0	0	0	0	0	0	Cement	0	0	0	0	0	0
Grain	0	0	0	0	0	0	Grain	0	0	0	0	0	0
Coal	0	0	0	0	0	0	Coal	0	0	0	0	0	0
Steel	0	0	0	0	0	0	Steel	0	0	0	0	0	0
Cane	0	0	0	0	0	0	Cane	0	0	0	0	0	0
Timber	0	0	0	24	545	569	Timber	0	0	0	0	0	0
Machinery	0	0	0	0	0	0	Machinery	0	0	0	48	0	48
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	123	0	0	24	91	238	Other	80	0	0	24	91	195
Container	7	0	18	0	0	25	Container	0	0	0	0	0	0

040 Paulpietersburg (R33 Paulpietersburg to Vryheid) Freight Tonnage by Commodity by Vehicle Class (Yearly Period)													
Eastbound							Westbound						
	3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total		3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total
Fuel / Chemicals	0	0	0	17666	11041	28707	Fuel / Chemicals	5300	0	0	8833	0	14133
Cars Carrier	0	0	0	0	0	0	Cars Carrier	0	0	0	0	0	0
Beverages	0	0	0	0	0	0	Beverages	0	0	0	0	0	0
Covered Load / Sail or Tarp	71547	4417	13250	8833	629351	727398	Covered Load / Sail or Tarp	58298	0	13250	8833	430609	510989
Sand / Stone	0	0	0	0	11041	11041	Sand / Stone	5300	0	0	0	0	5300
Livestock	0	0	0	0	0	0	Livestock	2650	0	6625	0	0	9275
People	7950	0	0	0	0	7950	People	2650	0	0	0	0	2650
Cement	0	0	0	0	0	0	Cement	0	0	0	0	0	0
Grain	0	0	0	0	0	0	Grain	0	0	0	0	0	0
Coal	0	0	0	0	0	0	Coal	0	0	0	0	0	0
Steel	0	0	0	0	0	0	Steel	0	0	0	0	0	0
Cane	0	0	0	0	0	0	Cane	0	0	0	0	0	0
Timber	0	0	0	8833	198743	207576	Timber	0	0	0	0	0	0
Machinery	0	0	0	0	0	0	Machinery	0	0	0	17666	0	17666
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	45048	0	0	8833	33124	87005	Other	29149	0	0	8833	33124	71106
Container	2650	0	6625	0	0	9275	Container	0	0	0	0	0	0

040 Paulpietersburg (R33 Paulpietersburg to Vryheid) Twenty Foot Equivalent Unit (TEU) (12 Hours)														Date: 04-10-2023
Eastbound							Westbound							
	1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL		1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL	
2 Axle						0	2 Axle						0	
3 Axle						0	3 Axle						0	
4 Axle						0	4 Axle						0	
5 Axle						0	5 Axle						0	
6 Axle						0	6 Axle						0	
≥ 7 Axle						0	≥ 7 Axle						0	
TOTAL						0	TOTAL						0	

040 Paulpietersburg (R33 Paulpietersburg to Vryheid) Twenty Foot Equivalent Unit (TEU) (24 Hours)														Date: 04-10-2023
Eastbound							Westbound							
	1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL		1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL	
2 Axle	0	0	0	0	0	0	2 Axle	0	0	0	0	0	0	
3 Axle	0	0	0	0	0	0	3 Axle	0	0	0	0	0	0	
4 Axle	0	0	0	0	0	0	4 Axle	0	0	0	0	0	0	
5 Axle	0	0	0	0	0	0	5 Axle	0	0	0	0	0	0	
6 Axle	0	0	0	0	0	0	6 Axle	0	0	0	0	0	0	
≥ 7 Axle	0	0	0	0	0	0	≥ 7 Axle	0	0	0	0	0	0	
TOTAL						0	TOTAL						0	

040 Paulpietersburg (R33 Paulpietersburg to Vryheid) Twenty Foot Equivalent Unit (TEU) (Yearly Period)														
Eastbound							Westbound							
	1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL		1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL	
2 Axle	0	0	0	0	0	0	2 Axle	0	0	0	0	0	0	
3 Axle	0	0	0	0	0	0	3 Axle	0	0	0	0	0	0	
4 Axle	0	0	0	0	0	0	4 Axle	0	0	0	0	0	0	
5 Axle	0	0	0	0	0	0	5 Axle	0	0	0	0	0	0	
6 Axle	0	0	0	0	0	0	6 Axle	0	0	0	0	0	0	
≥ 7 Axle	0	0	0	0	0	0	≥ 7 Axle	0	0	0	0	0	0	
TOTAL						0	TOTAL						0	