



## **NHRR TRAFFIC FORECASTING REPORT**

### **Appendix: Variable Demand Sector Impacts**

- **VDM Highway Impacts by Sector (DS – DM) by Year and Time Period**
- **Sector System Mapping**



## 2026 AM Peak

OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	
1	-20	-4	6	-6	10	4	0	6	-4	-1	-2	0	0	2	2	0	0	3	0	0	-3	
2	-2	0	1	-2	2	0	0	1	-1	0	0	1	0	0	0	0	0	0	0	0	0	1
3	15	2	-7	-5	-15	1	-1	1	3	0	4	3	1	0	-1	0	0	1	0	0	2	
4	-7	-7	-5	-9	20	-5	3	6	-6	-1	-5	-2	0	1	16	2	0	9	0	-4	5	
5	10	0	-12	26	-29	9	0	0	11	0	7	8	8	0	1	0	0	-2	0	0	36	
6	-1	-5	1	-8	10	0	1	0	0	0	1	0	0	0	4	0	0	1	0	0	2	
7	2	0	-6	10	-3	2	-1	0	1	0	-1	1	1	0	-3	0	0	-1	0	0	3	
8	6	-1	-3	19	-4	2	-1	-5	1	-1	0	1	0	-2	-14	0	0	-2	0	-1	-6	
9	-18	-5	3	-9	32	0	2	2	-7	0	-6	-3	-1	0	8	0	0	11	0	-1	9	
10	1	0	0	0	1	0	0	0	0	-1	-1	-1	0	0	0	0	0	0	0	0	0	
11	3	1	4	-3	12	3	0	1	-3	-3	-10	-1	0	0	1	-1	0	2	0	0	6	
12	-1	0	1	-1	4	1	0	0	-1	-1	-1	-15	-2	0	2	0	-1	10	1	0	-3	
13	0	0	0	0	5	0	0	0	0	0	0	0	-2	0	0	0	0	-1	0	0	1	
14	1	1	1	3	2	0	0	0	0	0	0	0	0	5	-1	0	0	-14	-1	0	-4	
15	8	4	4	22	0	4	-1	-5	2	0	0	1	0	0	-21	-1	0	-15	-1	0	0	
16	1	0	0	2	1	0	0	0	0	-1	0	0	0	0	-3	0	0	0	0	0	-1	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	5	2	2	6	0	1	0	-1	0	0	4	12	-2	-19	-19	0	0	0	0	0	-8	
19	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0	-1	
<b>Total</b>	<b>2</b>	<b>-12</b>	<b>-9</b>	<b>43</b>	<b>50</b>	<b>21</b>	<b>2</b>	<b>7</b>	<b>-5</b>	<b>-8</b>	<b>-9</b>	<b>4</b>	<b>0</b>	<b>-14</b>	<b>-26</b>	<b>-2</b>	<b>-1</b>	<b>3</b>	<b>0</b>	<b>-7</b>	<b>40</b>	



## 2026 Inter Peak

OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	
1	-14	-3	6	-5	8	3	1	4	-6	0	-1	1	0	0	3	0	0	3	0	0	0	0
2	-4	-2	-1	-2	4	-1	0	0	-3	0	0	1	0	0	1	0	0	1	0	0	0	-6
3	3	-2	-9	3	-10	-3	-2	-1	4	0	1	1	0	0	2	0	0	2	0	0	0	-10
4	-5	-4	1	-7	13	-3	5	10	-5	0	-3	-1	0	3	16	2	0	10	0	0	0	32
5	9	-3	-10	11	-28	5	-2	-2	11	0	3	2	1	0	-1	0	0	-1	0	0	0	-5
6	0	-2	-3	-2	7	1	1	1	0	0	1	0	0	0	2	0	0	1	0	0	0	7
7	1	0	-2	5	-2	1	-1	0	1	0	0	0	0	0	-2	0	0	0	0	0	0	0
8	3	0	-2	9	-3	2	0	-3	1	0	0	0	0	-1	-6	0	0	-1	0	0	0	-3
9	-6	-2	1	-4	8	1	0	0	-5	0	-3	-2	0	3	0	0	0	1	0	0	0	-7
10	0	0	0	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0	0	0	0	0	-2
11	-1	1	2	-2	3	1	0	1	-2	-1	-7	0	0	0	0	0	0	1	0	0	0	-7
12	1	1	1	-1	3	1	0	0	-1	-1	0	-13	-1	0	1	1	0	9	0	0	0	2
13	0	0	0	0	1	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0	0	0	-3
14	0	0	1	1	0	0	0	-1	0	0	0	0	0	0	-1	0	0	-7	0	0	0	-7
15	2	1	1	11	-1	2	-1	-4	2	0	0	1	0	-1	-21	-1	0	-7	0	0	0	-19
16	0	0	0	1	0	0	0	0	0	-1	0	1	0	0	-1	0	0	0	0	0	0	-1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	4	0	2	12	-1	1	0	-1	4	0	1	9	-1	-10	-9	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
Total	-8	-17	-13	30	2	11	1	4	0	-3	-11	-1	-4	-8	-13	0	-1	12	0	-1	0	-20



## 2026 PM Peak

OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1	-14	-1	15	-9	15	-1	2	3	-19	0	-13	-3	-2	1	10	0	0	6	0	0	-9
2	-3	-1	3	-5	6	-2	0	1	-8	0	1	0	-1	1	5	1	0	3	0	1	0
3	6	-1	-9	-2	-12	-5	-2	1	3	0	9	1	0	1	6	0	0	3	0	0	2
4	-5	-7	-1	-20	28	-7	11	20	-9	0	-5	-2	0	5	31	2	0	14	0	0	57
5	14	0	-13	19	-38	10	-5	-2	24	0	14	3	2	0	-2	0	0	0	0	1	27
6	1	-3	-2	-5	6	1	1	1	0	0	0	1	-1	0	3	0	0	4	0	0	6
7	1	0	-3	4	1	2	-1	0	4	0	0	0	1	0	-2	0	0	0	0	0	7
8	7	0	-5	16	-2	3	0	-4	2	0	1	0	0	-1	-7	0	0	-1	0	0	8
9	-6	-2	2	-6	7	1	0	1	-5	0	-7	-2	0	0	2	0	0	0	0	0	-13
10	0	0	0	0	0	0	0	0	0	-1	-2	-1	0	0	0	-1	0	0	0	0	-3
11	-2	1	3	-5	6	0	-1	1	-3	-1	-9	-1	0	0	2	0	0	4	0	0	-5
12	-1	1	2	-3	5	1	1	0	-3	-1	-1	-15	-1	0	1	0	0	8	1	0	-5
13	-1	-1	0	0	4	0	0	0	-1	0	-1	-2	-2	0	0	0	0	-1	0	-1	-3
14	0	0	0	1	0	0	0	-2	0	0	0	0	0	5	0	0	0	-15	0	0	-12
15	4	0	-5	31	2	10	-4	-13	10	0	1	2	1	-1	-23	-2	0	-16	0	0	-2
16	1	0	0	0	0	0	0	-1	0	-1	0	0	0	0	-1	0	0	0	0	0	-1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
18	4	0	-1	7	-2	1	-1	-2	13	0	4	9	-1	-16	-15	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-3
Total	3	-14	-14	23	23	15	2	3	7	-2	-7	-6	-2	-5	10	-1	0	10	0	1	47



## 2041 AM Peak

OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	
1	-22	-3	11	-11	15	-1	1	3	-8	-1	-1	-2	-1	2	2	0	0	3	0	0	-14	
2	-1	0	4	-3	3	-1	0	0	-1	0	1	1	0	0	0	0	0	0	0	0	0	1
3	29	9	-13	0	-27	2	-2	2	5	0	7	3	1	0	-3	-1	0	0	0	0	0	11
4	-22	-13	-3	-18	37	-5	5	11	-9	-1	-10	-3	0	1	35	2	0	9	0	-4	11	
5	13	0	-14	32	-34	10	-1	-1	14	1	9	10	10	-1	-3	-1	0	-5	0	0	38	
6	-4	-7	1	-8	12	0	1	0	0	0	1	0	0	0	5	0	0	1	0	0	2	
7	4	1	-7	13	-4	2	-1	-1	1	0	-1	1	1	0	-4	0	0	-1	0	0	5	
8	8	0	-2	23	-5	2	-1	-5	2	0	1	1	0	-2	-19	-1	0	-3	0	-1	-3	
9	-23	-3	4	-11	36	0	3	3	-6	0	-8	-3	-2	0	8	0	0	10	0	-1	7	
10	1	0	0	0	1	0	0	0	0	-1	-1	-1	0	0	0	-1	0	0	0	0	0	
11	4	1	6	-7	16	2	0	1	-6	-3	-12	-3	-1	0	1	-1	0	3	0	0	1	
12	-2	0	2	-2	5	1	0	0	-1	-2	-2	-21	-2	0	3	0	0	15	1	-1	-5	
13	-1	0	0	0	6	0	0	0	0	0	0	-1	-2	0	0	0	0	-1	0	0	1	
14	2	1	2	4	2	0	0	0	0	0	0	0	0	6	-1	0	0	-19	-1	0	-4	
15	10	4	4	30	-2	4	-1	-7	3	0	1	2	0	0	-26	-2	0	-18	-1	0	0	
16	0	0	0	2	2	0	0	0	0	-2	-1	0	0	0	-3	0	0	0	0	0	-1	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	6	2	2	6	0	1	0	-1	0	-1	6	22	-2	-24	-24	0	0	0	0	0	-7	
19	0	0	0	0	0	0	0	0	0	0	0	1	0	-1	0	0	0	0	0	0	0	
20	0	1	0	0	1	0	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0	-1	
Total	3	-8	-3	49	64	17	4	4	-7	-10	-9	7	-1	-21	-28	-4	-2	-5	-1	-8	43	



## 2041 Inter Peak

OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1	-16	-3	12	-11	11	2	2	4	-9	0	-2	0	-1	1	4	0	0	4	0	0	-4
2	-3	-3	0	-5	5	-2	0	0	-2	0	0	1	0	0	1	0	0	1	0	0	-7
3	9	-1	-17	6	-14	-2	-3	0	5	0	3	1	0	1	2	-1	0	2	0	1	-7
4	-11	-7	2	-13	20	-4	6	11	-7	0	-5	-1	0	5	22	2	0	11	0	0	31
5	12	-2	-15	17	-34	7	-2	-2	14	0	5	3	1	0	-2	0	0	-2	0	0	-1
6	-1	-3	-1	-2	9	1	1	2	1	0	1	0	0	0	2	0	0	1	0	0	9
7	1	0	-3	6	-2	1	-1	-1	1	0	0	0	0	0	-2	0	0	0	0	0	1
8	3	-1	-2	11	-4	2	-1	-3	1	0	0	0	0	-1	-7	0	0	-1	0	0	-2
9	-9	-2	2	-5	11	1	1	1	-6	0	-5	-2	-1	0	3	0	0	2	0	0	-8
10	0	0	0	0	0	0	0	0	0	-2	-1	-1	0	0	0	-1	0	0	0	1	-2
11	-2	1	5	-4	5	1	0	1	-3	-1	-8	-1	0	0	0	0	0	1	0	0	-6
12	-1	0	1	-1	4	1	0	1	-2	-1	-1	-18	-1	0	2	0	0	18	1	0	4
13	-1	0	0	0	2	0	0	0	0	0	0	-1	-1	0	0	0	0	-1	0	0	-3
14	1	0	2	3	0	0	0	-1	0	0	0	0	0	-1	-1	0	0	-10	0	-1	-7
15	3	1	1	16	-2	2	-1	-6	2	0	0	2	0	-1	-25	-2	0	-9	0	0	-20
16	1	0	0	1	0	0	0	0	0	-1	0	-1	0	0	-2	0	0	0	0	0	-2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
18	5	1	1	13	-2	1	0	-1	5	0	2	17	-1	-13	-12	0	0	0	0	0	15
19	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
20	0	1	0	0	0	0	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0	-1
Total	-10	-19	-10	32	7	11	1	5	1	-4	-12	1	-5	-10	-15	-2	-2	17	1	-1	-13



## 2041 PM Peak

OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1	-15	-1	22	-22	18	-6	3	3	-27	0	-8	-5	-3	1	12	0	0	7	0	0	-21
2	-2	-1	4	-12	5	-4	1	0	-6	0	2	0	-1	1	5	1	0	3	0	1	-3
3	11	0	-17	0	-15	-5	-2	2	3	0	14	2	0	1	8	1	0	3	0	0	6
4	-12	-9	0	-28	36	-7	12	20	-12	0	-9	-4	0	7	39	2	0	14	0	0	50
5	19	1	-19	32	-47	12	-5	-3	27	0	20	4	3	0	-5	0	0	-1	0	1	37
6	0	-4	-1	-5	7	1	1	2	0	0	0	0	-1	0	4	0	0	5	0	-1	8
7	1	0	-3	6	0	2	-1	-1	4	0	0	0	2	0	-2	0	0	0	0	0	7
8	4	-1	-5	20	-4	4	-1	-4	3	0	0	0	0	-1	-9	0	0	-1	0	0	5
9	-10	-2	5	-8	10	1	1	2	-5	0	-11	-2	0	0	3	0	0	0	0	0	-16
10	0	0	0	0	0	0	0	0	0	-1	-2	-1	0	0	0	-1	0	0	0	0	-4
11	0	2	5	-9	7	0	-1	1	-6	-1	-11	-2	0	0	2	0	0	5	0	0	-7
12	-2	0	2	-4	6	1	1	1	-3	-1	-2	-21	-1	0	2	0	0	13	1	0	-7
13	-1	0	0	0	5	0	0	0	-1	0	-1	-2	-2	0	0	0	0	-1	0	-1	-4
14	0	0	0	1	0	0	0	-2	0	0	0	0	0	5	0	0	0	-19	0	-1	-16
15	5	1	-5	42	-2	12	-5	-18	10	0	2	3	1	-1	-28	-3	0	-20	0	0	-5
16	1	0	0	1	-1	0	0	-1	0	0	0	0	0	0	-2	0	0	0	0	0	-3
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
18	6	0	0	7	-4	2	-1	-3	13	0	6	15	-1	-20	-18	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
20	0	0	-1	0	-1	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	-3
Total	6	-13	-13	21	20	12	2	-2	0	-3	-3	-10	-3	-8	9	0	-1	7	1	0	24



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