

# ROUTE 3 NORTH

*I-95 (Route 128), Burlington,  
to Exit 36 (Middlesex Road), Tyngsborough*



**ROUTE 3 NORTH: Northbound**  
I-95 (Route 128), Burlington, to Exit 36 (Middlesex Rd), Tyngsborough

**A.M. Peak Period: SPEEDS**

Fall 2007

<b>Segment Endpoint</b>	<b>Segment Length (miles)</b>	<b>6:00 to 6:30</b>	<b>6:30 to 7:00</b>	<b>7:00 to 7:30</b>	<b>7:30 to 8:00</b>	<b>8:00 to 8:30</b>	<b>8:30 to 9:00</b>	<b>9:00 to 9:30</b>	<b>9:30 to 10:00</b>	<b>Peak Period Average</b>
Rte 128 Frontage Rd NB, Burlington										
Rte 3 NB merge, Burlington	.26	40	40	38	36	36	36	38	40	<b>38</b>
Exit 26 Rte 62, Bedford	1.71	62	62	62	60	60	60	62	62	<b>61</b>
Exit 27 Concord Rd, Billerica	3.57	62	62	62	60	60	60	62	62	<b>61</b>
Exit 28 Treble Cove Rd, Billerica	1.72	64	64	64	62	62	62	64	64	<b>63</b>
Exit 29 Rte 129, Chelmsford	2.11	64	64	64	62	62	62	64	64	<b>63</b>
Exit 30N Lowell Cnctr, Chelmsford	.58	62	62	62	62	62	62	62	62	<b>62</b>
Exit 30 I-495, Chelmsford	.78	60	60	60	60	60	60	60	60	<b>60</b>
Exit 31 Rte 110, Lowell city line	.46	60	60	60	60	60	60	60	60	<b>60</b>
Exit 32 Rtes 3A/4, Chelmsford	1.99	62	62	62	62	62	62	62	62	<b>62</b>
Exit 33 Rte 40, Chelmsford	2.39	62	62	62	62	62	62	62	62	<b>62</b>
Exit 34 Westford Rd, Tyngsborough	1.92	64	64	64	64	64	64	64	64	<b>64</b>
Exit 35 Rte 113, Tyngsborough	1.89	64	64	64	64	64	64	64	64	<b>64</b>
Exit 36 Middlesex Rd, Tyngsborough	1.03	64	64	64	64	64	64	64	64	<b>64</b>
<b>Sum/Averages</b>	<b>20.41</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>61</b>	<b>61</b>	<b>60</b>

*Speeds in miles per hour*

**ROUTE 3 NORTH: Northbound**  
I-95 (Route 128), Burlington, to Exit 36 (Middlesex Rd), Tyngsborough

**A.M. Peak Period: TRAVEL TIMES**

Fall 2007

<b>Segment Endpoint</b>	<b>Segment Length (miles)</b>	<b>6:00 to 6:30</b>	<b>6:30 to 7:00</b>	<b>7:00 to 7:30</b>	<b>7:30 to 8:00</b>	<b>8:00 to 8:30</b>	<b>8:30 to 9:00</b>	<b>9:00 to 9:30</b>	<b>9:30 to 10:00</b>	<b>Peak Period Average</b>
Rte 128 Frontage Rd NB, Burlington										
Rte 3 NB merge, Burlington	.26	:23	:23	:25	:26	:26	:26	:25	:23	<b>:25</b>
Exit 26 Rte 62, Bedford	1.71	1:39	1:39	1:39	1:43	1:43	1:43	1:39	1:39	<b>1:41</b>
Exit 27 Concord Rd, Billerica	3.57	3:27	3:27	3:27	3:34	3:34	3:34	3:27	3:27	<b>3:30</b>
Exit 28 Treble Cove Rd, Billerica	1.72	1:37	1:37	1:37	1:40	1:40	1:40	1:37	1:37	<b>1:38</b>
Exit 29 Rte 129, Chelmsford	2.11	1:59	1:59	1:59	2:03	2:03	2:03	1:59	1:59	<b>2:00</b>
Exit 30N Lowell Cnctr, Chelmsford	.58	:34	:34	:34	:34	:34	:34	:34	:34	<b>:34</b>
Exit 30 I-495, Chelmsford	.78	:47	:47	:47	:47	:47	:47	:47	:47	<b>:47</b>
Exit 31 Rte 110, Lowell city line	.46	:28	:28	:28	:28	:28	:28	:28	:28	<b>:28</b>
Exit 32 Rtes 3A/4, Chelmsford	1.99	1:56	1:56	1:56	1:56	1:56	1:56	1:56	1:56	<b>1:56</b>
Exit 33 Rte 40, Chelmsford	2.39	2:19	2:19	2:19	2:19	2:19	2:19	2:19	2:19	<b>2:19</b>
Exit 34 Westford Rd, Tyngsborough	1.92	1:48	1:48	1:48	1:48	1:48	1:48	1:48	1:48	<b>1:48</b>
Exit 35 Rte 113, Tyngsborough	1.89	1:46	1:46	1:46	1:46	1:46	1:46	1:46	1:46	<b>1:46</b>
Exit 36 Middlesex Rd, Tyngsborough	1.03	:58	:58	:58	:58	:58	:58	:58	:58	<b>:58</b>
<b>Sum/Averages</b>	<b>20.41</b>	<b>19:40</b>	<b>19:40</b>	<b>19:41</b>	<b>20:00</b>	<b>20:00</b>	<b>20:00</b>	<b>19:41</b>	<b>19:40</b>	<b>19:48</b>

*Travel times in minutes and seconds*

**ROUTE 3 NORTH: Northbound**  
I-95 (Route 128), Burlington, to Exit 36 (Middlesex Rd), Tyngsborough

**P.M. Peak Period: SPEEDS**

Fall 2007

<b>Segment Endpoint</b>	<b>Segment Length (miles)</b>	<b>3:00 to 3:30</b>	<b>3:30 to 4:00</b>	<b>4:00 to 4:30</b>	<b>4:30 to 5:00</b>	<b>5:00 to 5:30</b>	<b>5:30 to 6:00</b>	<b>6:00 to 6:30</b>	<b>6:30 to 7:00</b>	<b>Peak Period Average</b>
Rte 128 Frontage Rd NB, Burlington										
Rte 3 NB merge, Burlington	.26	38	38	38	38	38	38	38	38	<b>38</b>
Exit 26 Rte 62, Bedford	1.71	60	60	60	60	58	58	60	60	<b>60</b>
Exit 27 Concord Rd, Billerica	3.57	60	60	54	52	40	40	55	62	<b>53</b>
Exit 28 Treble Cove Rd, Billerica	1.72	60	60	50	45	35	35	45	62	<b>49</b>
Exit 29 Rte 129, Chelmsford	2.11	62	60	60	60	58	58	60	62	<b>60</b>
Exit 30N Lowell Cnctr, Chelmsford	.58	62	60	60	60	58	58	58	62	<b>60</b>
Exit 30 I-495, Chelmsford	.78	62	60	60	60	60	60	60	62	<b>61</b>
Exit 31 Rte 110, Lowell city line	.46	62	62	60	60	56	56	56	62	<b>59</b>
Exit 32 Rtes 3A/4, Chelmsford	1.99	62	62	60	52	40	40	40	62	<b>52</b>
Exit 33 Rte 40, Chelmsford	2.39	62	62	60	58	56	56	56	62	<b>59</b>
Exit 34 Westford Rd, Tyngsborough	1.92	62	62	62	62	62	62	62	62	<b>62</b>
Exit 35 Rte 113, Tyngsborough	1.89	62	62	62	62	62	62	62	62	<b>62</b>
Exit 36 Middlesex Rd, Tyngsborough	1.03	62	62	62	62	62	62	62	62	<b>62</b>
<b>Sum/Averages</b>	<b>20.41</b>	<b>60</b>	<b>59</b>	<b>58</b>	<b>56</b>	<b>53</b>	<b>53</b>	<b>55</b>	<b>60</b>	<b>57</b>

*Speeds in miles per hour*

**ROUTE 3 NORTH: Northbound**  
I-95 (Route 128), Burlington, to Exit 36 (Middlesex Rd), Tyngsborough

**P.M. Peak Period: TRAVEL TIMES**

Fall 2007

<b>Segment Endpoint</b>	<b>Segment Length (miles)</b>	<b>3:00 to 3:30</b>	<b>3:30 to 4:00</b>	<b>4:00 to 4:30</b>	<b>4:30 to 5:00</b>	<b>5:00 to 5:30</b>	<b>5:30 to 6:00</b>	<b>6:00 to 6:30</b>	<b>6:30 to 7:00</b>	<b>Peak Period Average</b>
Rte 128 Frontage Rd NB, Burlington										
Rte 3 NB merge, Burlington	.26	:25	:25	:25	:25	:25	:25	:25	:25	<b>:25</b>
Exit 26 Rte 62, Bedford	1.71	1:43	1:43	1:43	1:43	1:46	1:46	1:43	1:43	<b>1:43</b>
Exit 27 Concord Rd, Billerica	3.57	3:34	3:34	3:58	4:07	5:21	5:21	3:54	3:27	<b>4:10</b>
Exit 28 Treble Cove Rd, Billerica	1.72	1:43	1:43	2:04	2:18	2:57	2:57	2:18	1:40	<b>2:12</b>
Exit 29 Rte 129, Chelmsford	2.11	2:03	2:07	2:07	2:07	2:11	2:11	2:07	2:03	<b>2:07</b>
Exit 30N Lowell Cnctr, Chelmsford	.58	:34	:35	:35	:35	:36	:36	:36	:34	<b>:35</b>
Exit 30 I-495, Chelmsford	.78	:45	:47	:47	:47	:47	:47	:47	:45	<b>:46</b>
Exit 31 Rte 110, Lowell city line	.46	:27	:27	:28	:28	:30	:30	:30	:27	<b>:28</b>
Exit 32 Rtes 3A/4, Chelmsford	1.99	1:56	1:56	1:59	2:18	2:59	2:59	2:59	1:56	<b>2:23</b>
Exit 33 Rte 40, Chelmsford	2.39	2:19	2:19	2:23	2:28	2:34	2:34	2:34	2:19	<b>2:26</b>
Exit 34 Westford Rd, Tyngsborough	1.92	1:51	1:51	1:51	1:51	1:51	1:51	1:51	1:51	<b>1:51</b>
Exit 35 Rte 113, Tyngsborough	1.89	1:50	1:50	1:50	1:50	1:50	1:50	1:50	1:50	<b>1:50</b>
Exit 36 Middlesex Rd, Tyngsborough	1.03	1:00	1:00	1:00	1:00	1:00	1:00	1:00	1:00	<b>1:00</b>
<b>Sum/Averages</b>	<b>20.41</b>	<b>20:08</b>	<b>20:15</b>	<b>21:09</b>	<b>21:55</b>	<b>24:46</b>	<b>24:46</b>	<b>22:31</b>	<b>19:58</b>	<b>21:56</b>

*Travel times in minutes and seconds*

**ROUTE 3 NORTH: Southbound**

Exit 36 (Middlesex Rd), Tyngsborough, to I-95 (Route 128), Burlington

**A.M. Peak Period: SPEEDS**

Fall 2007

<b>Segment Endpoint</b>	<b>Segment Length (miles)</b>	<b>6:00 to 6:30</b>	<b>6:30 to 7:00</b>	<b>7:00 to 7:30</b>	<b>7:30 to 8:00</b>	<b>8:00 to 8:30</b>	<b>8:30 to 9:00</b>	<b>9:00 to 9:30</b>	<b>9:30 to 10:00</b>	<b>Peak Period Average</b>
On-ramp from Exit 36, Tyngsborough										
Exit 35 Rte 113, Tyngsborough	.90	62	62	60	58	58	60	64	64	<b>61</b>
Exit 34 Westford Rd, Tyngsborough	1.41	62	60	58	58	58	60	64	64	<b>61</b>
Exit 33 Rte 40, Chelmsford	2.51	62	60	58	58	58	60	64	64	<b>61</b>
Exit 32 Rtes 3A/4, Chelmsford	1.95	62	60	58	58	58	60	64	64	<b>61</b>
Exit 31 Rte 110, Lowell city line	2.27	60	58	58	54	54	58	62	62	<b>58</b>
Exit 30 I-495 SB, Chelmsford	.38	60	40	35	30	30	45	58	60	<b>45</b>
On-ramp from I-495 NB, Chelmsford	.35	45	10	9	8	16	18	58	60	<b>28</b>
Exit 30N Lowell Cntr, Chelmsford	.86	40	10	9	8	16	18	40	62	<b>25</b>
Exit 29 Rte 129, Chelmsford	.54	48	22	22	22	22	22	45	64	<b>33</b>
Exit 28 Treble Cove Rd, Billerica	1.89	52	35	35	35	35	35	56	64	<b>43</b>
Exit 27 Concord Rd, Billerica	1.64	58	44	42	42	42	48	62	64	<b>50</b>
Exit 26 Rte 62, Bedford	3.25	60	58	56	56	56	58	62	64	<b>59</b>
Sign: "Exit 25 I-95 1 mile", Burlington	.93	64	62	62	62	62	62	62	64	<b>63</b>
Sign: "Exit 25 I-95 .5 mile", Burlington	.69	62	60	60	62	62	62	62	64	<b>62</b>
Exit 25 I-95 NB/SB split, Burlington	.65	58	58	56	56	56	58	58	58	<b>57</b>
I-95/Rte 128 SB merge, Burlington	.49	32	30	26	26	26	26	32	36	<b>29</b>
<b>Sum/Averages</b>	<b>20.71</b>	<b>55</b>	<b>46</b>	<b>44</b>	<b>43</b>	<b>44</b>	<b>47</b>	<b>57</b>	<b>61</b>	<b>50</b>

*Speeds in miles per hour*

**ROUTE 3 NORTH: Southbound**  
Exit 36 (Middlesex Rd), Tyngsborough, to I-95 (Route 128), Burlington

**A.M. Peak Period: TRAVEL TIMES**

Fall 2007

<b>Segment Endpoint</b>	<b>Segment Length (miles)</b>	<b>6:00 to 6:30</b>	<b>6:30 to 7:00</b>	<b>7:00 to 7:30</b>	<b>7:30 to 8:00</b>	<b>8:00 to 8:30</b>	<b>8:30 to 9:00</b>	<b>9:00 to 9:30</b>	<b>9:30 to 10:00</b>	<b>Peak Period Average</b>
On-ramp from Exit 36, Tyngsborough										
Exit 35 Rte 113, Tyngsborough	.90	:52	:52	:54	:56	:56	:54	:51	:51	<b>:53</b>
Exit 34 Westford Rd, Tyngsborough	1.41	1:22	1:25	1:28	1:28	1:28	1:25	1:19	1:19	<b>1:24</b>
Exit 33 Rte 40, Chelmsford	2.51	2:26	2:31	2:36	2:36	2:36	2:31	2:21	2:21	<b>2:30</b>
Exit 32 Rtes 3A/4, Chelmsford	1.95	1:53	1:57	2:01	2:01	2:01	1:57	1:50	1:50	<b>1:56</b>
Exit 31 Rte 110, Lowell city line	2.27	2:16	2:21	2:21	2:31	2:31	2:21	2:12	2:12	<b>2:21</b>
Exit 30 I-495 SB, Chelmsford	.38	:23	:34	:39	:46	:46	:30	:24	:23	<b>:33</b>
On-ramp from I-495 NB, Chelmsford	.35	:28	2:06	2:20	2:37	1:19	1:10	:22	:21	<b>1:20</b>
Exit 30N Lowell Cnctr, Chelmsford	.86	1:17	5:10	5:44	6:27	3:14	2:52	1:17	:50	<b>3:21</b>
Exit 29 Rte 129, Chelmsford	.54	:41	1:28	1:28	1:28	1:28	1:28	:43	:30	<b>1:09</b>
Exit 28 Treble Cove Rd, Billerica	1.89	2:11	3:14	3:14	3:14	3:14	3:14	2:01	1:46	<b>2:46</b>
Exit 27 Concord Rd, Billerica	1.64	1:42	2:14	2:21	2:21	2:21	2:03	1:35	1:32	<b>2:01</b>
Exit 26 Rte 62, Bedford	3.25	3:15	3:22	3:29	3:29	3:29	3:22	3:09	3:03	<b>3:20</b>
Sign: "Exit 25 I-95 1 mile", Burlington	.93	:52	:54	:54	:54	:54	:54	:54	:52	<b>:54</b>
Sign: "Exit 25 I-95 .5 mile", Burlington	.69	:40	:41	:41	:40	:40	:40	:40	:39	<b>:40</b>
Exit 25 I-95 NB/SB split, Burlington	.65	:40	:40	:42	:42	:42	:40	:40	:40	<b>:41</b>
I-95/Rte 128 SB merge, Burlington	.49	:55	:59	1:08	1:08	1:08	1:08	:55	:49	<b>1:01</b>
<b>Sum/Averages</b>	<b>20.71</b>	<b>21:53</b>	<b>30:28</b>	<b>32:00</b>	<b>33:18</b>	<b>28:45</b>	<b>27:09</b>	<b>21:13</b>	<b>19:59</b>	<b>26:51</b>

*Travel times in minutes and seconds*

**ROUTE 3 NORTH: Southbound**

Exit 36 (Middlesex Rd), Tyngsborough, to I-95 (Route 128), Burlington

**P.M. Peak Period: SPEEDS**

Fall 2007

<b>Segment Endpoint</b>	<b>Segment Length (miles)</b>	<b>3:00 to 3:30</b>	<b>3:30 to 4:00</b>	<b>4:00 to 4:30</b>	<b>4:30 to 5:00</b>	<b>5:00 to 5:30</b>	<b>5:30 to 6:00</b>	<b>6:00 to 6:30</b>	<b>6:30 to 7:00</b>	<b>Peak Period Average</b>
On-ramp from Exit 36, Tyngsborough										
Exit 35 Rte 113, Tyngsborough	.90	60	60	60	60	60	60	60	60	<b>60</b>
Exit 34 Westford Rd, Tyngsborough	1.41	60	60	60	60	60	60	60	60	<b>60</b>
Exit 33 Rte 40, Chelmsford	2.51	60	60	60	60	60	60	60	60	<b>60</b>
Exit 32 Rtes 3A/4, Chelmsford	1.95	60	60	60	60	60	60	60	60	<b>60</b>
Exit 31 Rte 110, Lowell city line	2.27	62	62	62	62	62	62	62	62	<b>62</b>
Exit 30 I-495 SB, Chelmsford	.38	62	62	62	62	62	62	62	62	<b>62</b>
On-ramp from I-495 NB, Chelmsford	.35	62	62	62	62	62	62	62	62	<b>62</b>
Exit 30N Lowell Cntr, Chelmsford	.86	62	62	62	62	62	62	62	62	<b>62</b>
Exit 29 Rte 129, Chelmsford	.54	62	62	62	62	62	62	62	62	<b>62</b>
Exit 28 Treble Cove Rd, Billerica	1.89	62	62	62	62	62	62	62	62	<b>62</b>
Exit 27 Concord Rd, Billerica	1.64	62	62	62	62	62	62	62	62	<b>62</b>
Exit 26 Rte 62, Bedford	3.25	62	62	62	62	62	62	62	62	<b>62</b>
Sign: "Exit 25 I-95 1 mile", Burlington	.93	62	62	62	62	62	62	62	62	<b>62</b>
Sign: "Exit 25 I-95 .5 mile", Burlington	.69	62	62	62	62	62	62	62	62	<b>62</b>
Exit 25 I-95 NB/SB split, Burlington	.65	58	58	58	58	58	58	58	58	<b>58</b>
I-95/Rte 128 SB merge, Burlington	.49	40	40	40	40	40	40	40	40	<b>40</b>
<b>Sum/Averages</b>	<b>20.71</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>

*Speeds in miles per hour*



**ROUTE 3 NORTH: Southbound**  
Exit 36 (Middlesex Rd), Tyngsborough, to I-95 (Route 128), Burlington

**P.M. Peak Period: TRAVEL TIMES**

Fall 2007

<b>Segment Endpoint</b>	<b>Segment Length (miles)</b>	<b>3:00 to 3:30</b>	<b>3:30 to 4:00</b>	<b>4:00 to 4:30</b>	<b>4:30 to 5:00</b>	<b>5:00 to 5:30</b>	<b>5:30 to 6:00</b>	<b>6:00 to 6:30</b>	<b>6:30 to 7:00</b>	<b>Peak Period Average</b>
On-ramp from Exit 36, Tyngsborough										
Exit 35 Rte 113, Tyngsborough	.90	:54	:54	:54	:54	:54	:54	:54	:54	<b>:54</b>
Exit 34 Westford Rd, Tyngsborough	1.41	1:25	1:25	1:25	1:25	1:25	1:25	1:25	1:25	<b>1:25</b>
Exit 33 Rte 40, Chelmsford	2.51	2:31	2:31	2:31	2:31	2:31	2:31	2:31	2:31	<b>2:31</b>
Exit 32 Rtes 3A/4, Chelmsford	1.95	1:57	1:57	1:57	1:57	1:57	1:57	1:57	1:57	<b>1:57</b>
Exit 31 Rte 110, Lowell city line	2.27	2:12	2:12	2:12	2:12	2:12	2:12	2:12	2:12	<b>2:12</b>
Exit 30 I-495 SB, Chelmsford	.38	:22	:22	:22	:22	:22	:22	:22	:22	<b>:22</b>
On-ramp from I-495 NB, Chelmsford	.35	:20	:20	:20	:20	:20	:20	:20	:20	<b>:20</b>
Exit 30N Lowell Cnctr, Chelmsford	.86	:50	:50	:50	:50	:50	:50	:50	:50	<b>:50</b>
Exit 29 Rte 129, Chelmsford	.54	:31	:31	:31	:31	:31	:31	:31	:31	<b>:31</b>
Exit 28 Treble Cove Rd, Billerica	1.89	1:50	1:50	1:50	1:50	1:50	1:50	1:50	1:50	<b>1:50</b>
Exit 27 Concord Rd, Billerica	1.64	1:35	1:35	1:35	1:35	1:35	1:35	1:35	1:35	<b>1:35</b>
Exit 26 Rte 62, Bedford	3.25	3:09	3:09	3:09	3:09	3:09	3:09	3:09	3:09	<b>3:09</b>
Sign: "Exit 25 I-95 1 mile", Burlington	.93	:54	:54	:54	:54	:54	:54	:54	:54	<b>:54</b>
Sign: "Exit 25 I-95 .5 mile", Burlington	.69	:40	:40	:40	:40	:40	:40	:40	:40	<b>:40</b>
Exit 25 I-95 NB/SB split, Burlington	.65	:40	:40	:40	:40	:40	:40	:40	:40	<b>:40</b>
I-95/Rte 128 SB merge, Burlington	.49	:44	:44	:44	:44	:44	:44	:44	:44	<b>:44</b>
<b>Sum/Averages</b>	<b>20.71</b>	<b>20:34</b>	<b>20:34</b>	<b>20:34</b>	<b>20:34</b>	<b>20:34</b>	<b>20:34</b>	<b>20:34</b>	<b>20:34</b>	<b>20:34</b>

*Travel times in minutes and seconds*