

EXHIBIT A

City of Napa Engineering and Traffic Survey

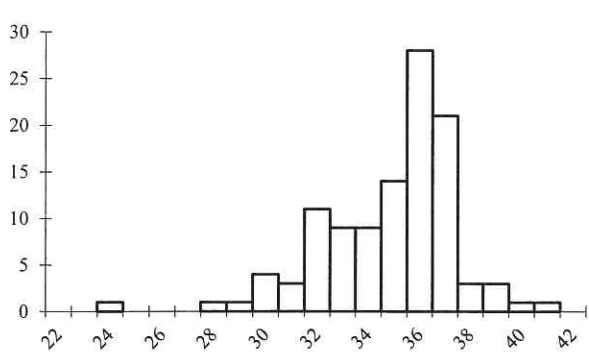
VEHICLE SPEED DATA																																																																																																														
Location: <u>Browns Valley Road between Partrick Rd and Laurel St</u> Posted Limit: <u>35mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/16/2022</u> Day: <u>Monday</u> Begin Time: <u>9:45am</u> End Time: <u>10:45am</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Mixed</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>20</td><td></td><td>45</td><td></td></tr> <tr><td>21</td><td></td><td>46</td><td></td></tr> <tr><td>22</td><td></td><td>47</td><td></td></tr> <tr><td>23</td><td></td><td>48</td><td></td></tr> <tr><td>24</td><td>1</td><td>49</td><td></td></tr> <tr><td>25</td><td></td><td>50</td><td></td></tr> <tr><td>26</td><td></td><td>51</td><td></td></tr> <tr><td>27</td><td></td><td>52</td><td></td></tr> <tr><td>28</td><td>1</td><td>53</td><td></td></tr> <tr><td>29</td><td>1</td><td>54</td><td></td></tr> <tr><td>30</td><td>4</td><td>55</td><td></td></tr> <tr><td>31</td><td>3</td><td>56</td><td></td></tr> <tr><td>32</td><td>11</td><td>57</td><td></td></tr> <tr><td>33</td><td>9</td><td>58</td><td></td></tr> <tr><td>34</td><td>9</td><td>59</td><td></td></tr> <tr><td>35</td><td>14</td><td>60</td><td></td></tr> <tr><td>36</td><td>28</td><td>61</td><td></td></tr> <tr><td>37</td><td>21</td><td>62</td><td></td></tr> <tr><td>38</td><td>3</td><td>63</td><td></td></tr> <tr><td>39</td><td>3</td><td>64</td><td></td></tr> <tr><td>40</td><td>1</td><td>65</td><td></td></tr> <tr><td>41</td><td>1</td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">110</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	20		45		21		46		22		47		23		48		24	1	49		25		50		26		51		27		52		28	1	53		29	1	54		30	4	55		31	3	56		32	11	57		33	9	58		34	9	59		35	14	60		36	28	61		37	21	62		38	3	63		39	3	64		40	1	65		41	1	66		42		67		43		68		44		69		TOTAL		110	
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Summary Statistics <table style="width: 100%;"> <tr><td>Total Observed</td><td style="text-align: right;">110</td></tr> <tr><td>Speed Range</td><td style="text-align: right;">24 - 41</td></tr> <tr><td>50th percentile speed</td><td style="text-align: right;">36</td></tr> <tr><td>85th percentile speed</td><td style="text-align: right;">37</td></tr> <tr><td>10 mph pace speed</td><td style="text-align: right;">30 - 39</td></tr> <tr><td>% in pace speed</td><td style="text-align: right;">95</td></tr> <tr><td>Skewness index</td><td style="text-align: right;">0.571</td></tr> </table>				Total Observed	110	Speed Range	24 - 41	50th percentile speed	36	85th percentile speed	37	10 mph pace speed	30 - 39	% in pace speed	95	Skewness index	0.571																																																																																													
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ANALYSIS INFORMATION																																																																																																														
Segment Length (mi.): <u>1.09</u> Number of accidents: <u>21</u> Calc. Accident Rate = <u>1.54</u>		ADT: <u>11,430</u> Count Date: <u>5/5/2022</u> Time period: <u>3</u> years Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																												
Street Width (ft): <u>Varies</u> Parking Conditions: <u>Discontinuous</u> Other Considerations: <u>Based on an 85th percentile of 37mph, an accident rate 3 times Statewide average and lack of continuous pedestrian facilities, it is the Engineer's recommendation to lower the posted speed limit by 5mph.</u>		Configuration: <u>Varies</u> Sidewalk: <u>Discontinuous</u> Terrain: <u>Flat</u> Class: <u>Arterial</u>																																																																																																												
RECOMMENDATION																																																																																																														
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>30mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																														
Signature: <u></u> Date: <u>1/18/2023</u>																																																																																																														

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VEHICLE SPEED DATA																																																																																																														
Location: <u>Byway East between Wise Dr and Salvador Ave</u> Posted Limit: <u>30mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>5/18/2022</u> Day: <u>Wednesday</u> Begin Time: <u>11:00am</u> End Time: <u>12:00noon</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Mixed</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>20</td><td>1</td><td>45</td><td></td></tr> <tr><td>21</td><td></td><td>46</td><td></td></tr> <tr><td>22</td><td></td><td>47</td><td></td></tr> <tr><td>23</td><td>2</td><td>48</td><td></td></tr> <tr><td>24</td><td>5</td><td>49</td><td></td></tr> <tr><td>25</td><td>10</td><td>50</td><td></td></tr> <tr><td>26</td><td>13</td><td>51</td><td></td></tr> <tr><td>27</td><td>12</td><td>52</td><td></td></tr> <tr><td>28</td><td>9</td><td>53</td><td></td></tr> <tr><td>29</td><td>13</td><td>54</td><td></td></tr> <tr><td>30</td><td>15</td><td>55</td><td></td></tr> <tr><td>31</td><td>11</td><td>56</td><td></td></tr> <tr><td>32</td><td>11</td><td>57</td><td></td></tr> <tr><td>33</td><td>3</td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">105</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	20	1	45		21		46		22		47		23	2	48		24	5	49		25	10	50		26	13	51		27	12	52		28	9	53		29	13	54		30	15	55		31	11	56		32	11	57		33	3	58		34		59		35		60		36		61		37		62		38		63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		105	
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Segment Length (mi.): <u>0.62</u>		ADT: <u>2,083</u> Count Date: <u>4/6/2022</u>																																																																																																												
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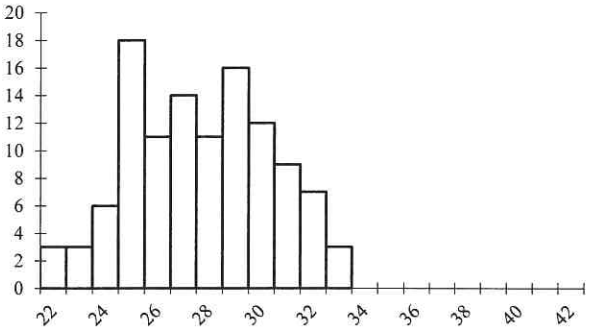
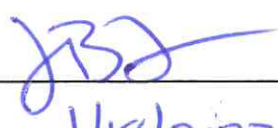
VEHICLE SPEED DATA																																																																																																															
Location: <u>California Boulevard between Laurel St and Second St</u> Posted Limit: <u>30mph</u> Direction: <u>NB SB</u> Date: <u>5/23/2022</u> Begin Time: <u>1:00pm</u> Weather: <u>Clear Dry Warm</u>		Recorder: <u>EBM</u> Day: <u>Monday</u> End Time: <u>1:45pm</u> Land Use: <u>Mixed</u>																																																																																																													
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TOTAL		122																																																																																																													
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Segment Length (mi.): <u>0.3</u>		ADT: <u>5,427</u>																																																																																																													
Number of accidents: <u>4</u>		Count Date: <u>5/12/2022</u>																																																																																																													
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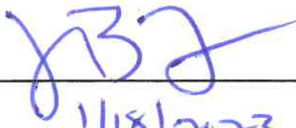
VEHICLE SPEED DATA			
Location: <u>California Boulevard between Second St and Lincoln Ave</u>			
Posted Limit: <u>35mph</u>		Speed	Number
Direction: <u>NB SB</u>	Recorder: <u>EBM</u>	Speed	Number
Date: <u>5/23/2022</u>	Day: <u>Monday</u>	20	45
Begin Time: <u>2:00pm</u>	End Time: <u>2:45pm</u>	21	46
Weather: <u>Clear Dry Warm</u>	Land Use: <u>Mixed</u>	22	47
		23	48
		24	49
		25	1
		26	4
		27	2
		28	2
		29	6
		30	14
		31	14
		32	20
		33	11
		34	13
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		36	15
		37	10
		38	3
		39	
		40	
		41	
		42	
		43	
		44	
		TOTAL	131
ANALYSIS INFORMATION			
Segment Length (mi.): <u>0.7</u>	ADT: <u>11,760</u>	Count Date: <u>5/12/2022</u>	
Number of accidents: <u>14</u>	Time period: <u>3</u> years		
Calc. Accident Rate = <u>1.55</u> Fatal + Injury Crashes per Million Vehicle-Miles			
Street Width (ft): <u>60</u>	Configuration: <u>2Ln, M, 2Bike</u>	Terrain: <u>Flat</u>	
Parking Conditions: <u>Discontinuous</u>	Sidewalk: <u>Discontinuous</u>	Class: <u>Arterial</u>	
Other Considerations: <u>Based on an 85th percentile of 36mph, an accident rate 3 times the statewide average and lack of continuous pedestrian facilities, it is the Engineer's recommendation to lower the posted speed limit by 5mph.</u>			
RECOMMENDATION			
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>30mph</u> is hereby determined to be reasonable for the above street segment.			
Signature: <u></u>			
Date: <u>1/18/2023</u>			

EXHIBIT A

City of Napa Engineering and Traffic Survey

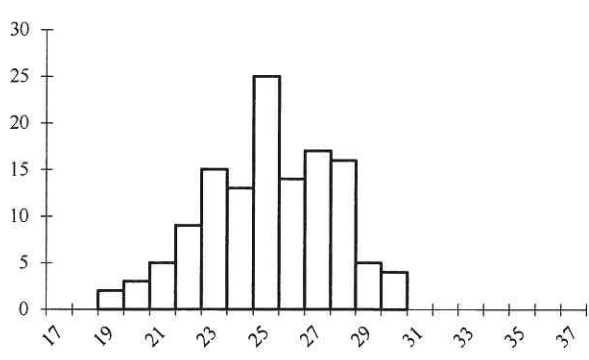
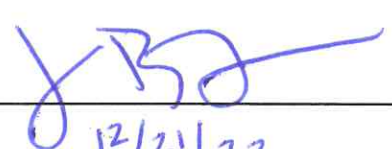
VEHICLE SPEED DATA																																																																																																														
Location: <u>Coombs Street between Spruce St and Division St</u> Posted Limit: <u>25mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>6/3/2021</u> Day: <u>Thursday</u> Begin Time: <u>3:15pm</u> End Time: <u>4:00pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Res-Park-Comm</u>		<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Speed</th> <th style="text-align: left;">Number</th> <th style="text-align: left;">Speed</th> <th style="text-align: left;">Number</th> </tr> <tr><td>15</td><td></td><td>40</td><td></td></tr> <tr><td>16</td><td></td><td>41</td><td></td></tr> <tr><td>17</td><td></td><td>42</td><td></td></tr> <tr><td>18</td><td></td><td>43</td><td></td></tr> <tr><td>19</td><td>2</td><td>44</td><td></td></tr> <tr><td>20</td><td>3</td><td>45</td><td></td></tr> <tr><td>21</td><td>5</td><td>46</td><td></td></tr> <tr><td>22</td><td>9</td><td>47</td><td></td></tr> <tr><td>23</td><td>15</td><td>48</td><td></td></tr> <tr><td>24</td><td>13</td><td>49</td><td></td></tr> <tr><td>25</td><td>25</td><td>50</td><td></td></tr> <tr><td>26</td><td>14</td><td>51</td><td></td></tr> <tr><td>27</td><td>17</td><td>52</td><td></td></tr> <tr><td>28</td><td>16</td><td>53</td><td></td></tr> <tr><td>29</td><td>5</td><td>54</td><td></td></tr> <tr><td>30</td><td>4</td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">128</td> </tr> </table>	Speed	Number	Speed	Number	15		40		16		41		17		42		18		43		19	2	44		20	3	45		21	5	46		22	9	47		23	15	48		24	13	49		25	25	50		26	14	51		27	17	52		28	16	53		29	5	54		30	4	55		31		56		32		57		33		58		34		59		35		60		36		61		37		62		38		63		39		64		TOTAL		128	
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ANALYSIS INFORMATION																																																																																																														
Segment Length (mi.): <u>0.63</u>		ADT: <u>5,274</u>	Count Date: <u>4/1/2021</u>																																																																																																											
Number of accidents: <u>2</u>		Time period: <u>3</u> years																																																																																																												
Calc. Accident Rate = <u>0.55</u> Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																														
Street Width (ft): <u>40</u>		Configuration: <u>2V 2P</u>	Terrain: <u>Flat</u>																																																																																																											
Parking Conditions: <u>Both</u>		Sidewalk: <u>Both</u>	Class: <u>Collector</u>																																																																																																											
Other Considerations: <u>Based on the 85th percentile speed of 28mph, an adjacent City Park, it appears reasonable to retain the existing 25mph posted speed limit.</u>																																																																																																														
RECOMMENDATION																																																																																																														
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>25mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																														
Signature: <u></u> Date: <u>12/21/22</u>																																																																																																														

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																														
Location: <u>Coombs Street between Division St and Grigsby Ct</u> Posted Limit: <u>25mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>10/24/2022</u> Day: <u>Monday</u> Begin Time: <u>3:25pm</u> End Time: <u>4:45pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Res-Park-Comm</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>15</td><td></td><td>40</td><td></td></tr> <tr><td>16</td><td></td><td>41</td><td></td></tr> <tr><td>17</td><td></td><td>42</td><td></td></tr> <tr><td>18</td><td>6</td><td>43</td><td></td></tr> <tr><td>19</td><td>11</td><td>44</td><td></td></tr> <tr><td>20</td><td>22</td><td>45</td><td></td></tr> <tr><td>21</td><td>23</td><td>46</td><td></td></tr> <tr><td>22</td><td>20</td><td>47</td><td></td></tr> <tr><td>23</td><td>14</td><td>48</td><td></td></tr> <tr><td>24</td><td>6</td><td>49</td><td></td></tr> <tr><td>25</td><td>3</td><td>50</td><td></td></tr> <tr><td>26</td><td>1</td><td>51</td><td></td></tr> <tr><td>27</td><td></td><td>52</td><td></td></tr> <tr><td>28</td><td></td><td>53</td><td></td></tr> <tr><td>29</td><td></td><td>54</td><td></td></tr> <tr><td>30</td><td></td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">106</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	15		40		16		41		17		42		18	6	43		19	11	44		20	22	45		21	23	46		22	20	47		23	14	48		24	6	49		25	3	50		26	1	51		27		52		28		53		29		54		30		55		31		56		32		57		33		58		34		59		35		60		36		61		37		62		38		63		39		64		TOTAL		106	
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Summary Statistics Total Observed: <u>106</u> Speed Range: <u>18 - 26</u> 50th percentile speed: <u>21</u> 85th percentile speed: <u>23</u> 10 mph pace speed: <u>18 - 27</u> % in pace speed: <u>100</u> Skewness index: <u>1.200</u>																																																																																																														
ANALYSIS INFORMATION																																																																																																														
Segment Length (mi.): <u>0.44</u> Number of accidents: <u>5</u> Calc. Accident Rate = <u>1.97</u>		ADT: <u>5,274</u> Count Date: <u>4/1/2022</u> Time period: <u>3</u> years Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																												
Street Width (ft): <u>Varies</u> Parking Conditions: <u>Discontinuous</u> Other Considerations: <u>This roadway segment is within the Downtown Specific Plan Area. Based on the 85th percentile speed of 23mph, an accident rate higher than Statewide average for similar roadways, it is the Engineer's recommendation to lower the posted speed limit by 5mph for consistency in Downtown.</u>		Configuration: <u>Varies</u> Terrain: <u>Flat</u> Sidewalk: <u>Both</u> Class: <u>Collector</u>																																																																																																												
RECOMMENDATION																																																																																																														
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>20mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																														
Signature: <u>[Signature]</u> Date: <u>12/29/2022</u>																																																																																																														

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																														
Location: <u>Coombsville Road between Silverado Tr and Terrace Dr</u> Posted Limit: <u>35mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/23/2022</u> Day: <u>Monday</u> Begin Time: <u>3:00pm</u> End Time: <u>3:45pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Mixed</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>20</td><td></td><td>45</td><td></td></tr> <tr><td>21</td><td></td><td>46</td><td></td></tr> <tr><td>22</td><td></td><td>47</td><td></td></tr> <tr><td>23</td><td>1</td><td>48</td><td></td></tr> <tr><td>24</td><td></td><td>49</td><td></td></tr> <tr><td>25</td><td></td><td>50</td><td></td></tr> <tr><td>26</td><td>7</td><td>51</td><td></td></tr> <tr><td>27</td><td>7</td><td>52</td><td></td></tr> <tr><td>28</td><td>5</td><td>53</td><td></td></tr> <tr><td>29</td><td>9</td><td>54</td><td></td></tr> <tr><td>30</td><td>12</td><td>55</td><td></td></tr> <tr><td>31</td><td>9</td><td>56</td><td></td></tr> <tr><td>32</td><td>14</td><td>57</td><td></td></tr> <tr><td>33</td><td>13</td><td>58</td><td></td></tr> <tr><td>34</td><td>11</td><td>59</td><td></td></tr> <tr><td>35</td><td>21</td><td>60</td><td></td></tr> <tr><td>36</td><td>9</td><td>61</td><td></td></tr> <tr><td>37</td><td>10</td><td>62</td><td></td></tr> <tr><td>38</td><td>1</td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">129</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	20		45		21		46		22		47		23	1	48		24		49		25		50		26	7	51		27	7	52		28	5	53		29	9	54		30	12	55		31	9	56		32	14	57		33	13	58		34	11	59		35	21	60		36	9	61		37	10	62		38	1	63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		129	
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Segment Length (mi.): <u>0.38</u>		ADT: <u>8,877</u>		Count Date: <u>5/19/2022</u>																																																																																																										
Number of accidents: <u>0</u>		Time period: <u>3</u> years																																																																																																												
Calc. Accident Rate = <u>0.00</u> Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																														
Street Width (ft): <u>Varies</u>		Configuration: <u>2Ln + Bikes</u>		Terrain: <u>Curve Roll</u>																																																																																																										
Parking Conditions: <u>None</u>		Sidewalk: <u>North Only</u>		Class: <u>Arterial</u>																																																																																																										
Other Considerations: <u>Based on an 85th percentile of 36mph, it appears reasonable to retain the existing 35mph speed limit.</u>																																																																																																														
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EXHIBIT A

City of Napa Engineering and Traffic Survey

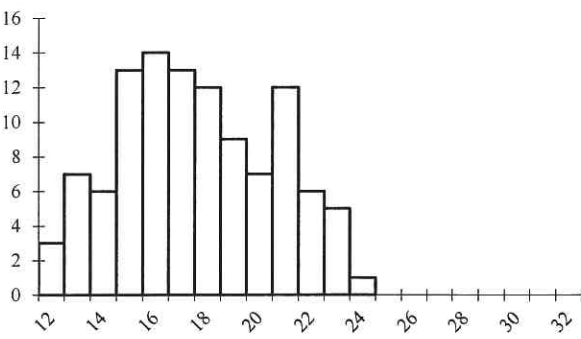
VEHICLE SPEED DATA																																																																																																														
Location: <u>Fifth Street between Coombs St and Main St</u> Posted Limit: <u>25mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/12/2022</u> Day: <u>Thursday</u> Begin Time: <u>8:45am</u> End Time: <u>9:45am</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Commercial</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>10</td><td></td><td>35</td><td></td></tr> <tr><td>11</td><td>1</td><td>36</td><td></td></tr> <tr><td>12</td><td>3</td><td>37</td><td></td></tr> <tr><td>13</td><td>7</td><td>38</td><td></td></tr> <tr><td>14</td><td>6</td><td>39</td><td></td></tr> <tr><td>15</td><td>13</td><td>40</td><td></td></tr> <tr><td>16</td><td>14</td><td>41</td><td></td></tr> <tr><td>17</td><td>13</td><td>42</td><td></td></tr> <tr><td>18</td><td>12</td><td>43</td><td></td></tr> <tr><td>19</td><td>9</td><td>44</td><td></td></tr> <tr><td>20</td><td>7</td><td>45</td><td></td></tr> <tr><td>21</td><td>12</td><td>46</td><td></td></tr> <tr><td>22</td><td>6</td><td>47</td><td></td></tr> <tr><td>23</td><td>5</td><td>48</td><td></td></tr> <tr><td>24</td><td>1</td><td>49</td><td></td></tr> <tr><td>25</td><td></td><td>50</td><td></td></tr> <tr><td>26</td><td></td><td>51</td><td></td></tr> <tr><td>27</td><td></td><td>52</td><td></td></tr> <tr><td>28</td><td></td><td>53</td><td></td></tr> <tr><td>29</td><td></td><td>54</td><td></td></tr> <tr><td>30</td><td></td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">109</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	10		35		11	1	36		12	3	37		13	7	38		14	6	39		15	13	40		16	14	41		17	13	42		18	12	43		19	9	44		20	7	45		21	12	46		22	6	47		23	5	48		24	1	49		25		50		26		51		27		52		28		53		29		54		30		55		31		56		32		57		33		58		34		59		TOTAL		109	
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Street Width (ft): <u>20</u> Parking Conditions: <u>None</u> Other Considerations: <u>This roadway segment is within the Downtown Specific Plan Area. Based on an 85th percentile of 21mph and an accident rate significantly higher than statewide average for similar roadways, it is the Engineer's recommendation to lower the posted speed limit by 5mph for consistency Downtown.</u>		Configuration: <u>2 Lane</u> Terrain: <u>Flat</u> Sidewalk: <u>Both</u> Class: <u>Collector</u>																																																																																																												
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Signature: <u>[Signature]</u> Date: <u>5/29/2022</u>																																																																																																														

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																																
Location: <u>First Street between Laurel St and California Blvd</u> Posted Limit: <u>35mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/16/2022</u> Day: <u>Monday</u> Begin Time: <u>11:00am</u> End Time: <u>12:00noon</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Mixed</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Speed</th> <th style="width: 10%;">Number</th> <th style="width: 10%;">Speed</th> <th style="width: 10%;">Number</th> </tr> </thead> <tbody> <tr><td>20</td><td></td><td>45</td><td></td></tr> <tr><td>21</td><td></td><td>46</td><td></td></tr> <tr><td>22</td><td></td><td>47</td><td></td></tr> <tr><td>23</td><td></td><td>48</td><td></td></tr> <tr><td>24</td><td></td><td>49</td><td></td></tr> <tr><td>25</td><td>1</td><td>50</td><td></td></tr> <tr><td>26</td><td></td><td>51</td><td></td></tr> <tr><td>27</td><td></td><td>52</td><td></td></tr> <tr><td>28</td><td>2</td><td>53</td><td></td></tr> <tr><td>29</td><td>6</td><td>54</td><td></td></tr> <tr><td>30</td><td>7</td><td>55</td><td></td></tr> <tr><td>31</td><td>9</td><td>56</td><td></td></tr> <tr><td>32</td><td>8</td><td>57</td><td></td></tr> <tr><td>33</td><td>12</td><td>58</td><td></td></tr> <tr><td>34</td><td>22</td><td>59</td><td></td></tr> <tr><td>35</td><td>21</td><td>60</td><td></td></tr> <tr><td>36</td><td>22</td><td>61</td><td></td></tr> <tr><td>37</td><td>10</td><td>62</td><td></td></tr> <tr><td>38</td><td>4</td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">124</td> </tr> </tbody> </table>			Speed	Number	Speed	Number	20		45		21		46		22		47		23		48		24		49		25	1	50		26		51		27		52		28	2	53		29	6	54		30	7	55		31	9	56		32	8	57		33	12	58		34	22	59		35	21	60		36	22	61		37	10	62		38	4	63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		124	
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Segment Length (mi.): <u>0.82</u>		ADT: <u>16,198</u>		Count Date: <u>5/12/2022</u>																																																																																																												
Number of accidents: <u>19</u>		Time period: <u>3</u> years																																																																																																														
Calc. Accident Rate = <u>1.31</u> Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																																
Street Width (ft): <u>Varies</u>		Configuration: <u>Varies</u>		Terrain: <u>Flat</u>																																																																																																												
Parking Conditions: <u>Discontinuous</u>		Sidewalk: <u>Discontinuous</u>		Class: <u>Arterial</u>																																																																																																												
Other Considerations: <u>Based on an 85th percentile of 36mph, an accident rate over 2 times the Statewide average for similar roadways and lack of continuous pedestrian facilities, it is the Engineer's recommendation to lower the posted speed limit by 5mph.</u>																																																																																																																
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Signature: <u></u> Date: <u>11/8/2023</u>																																																																																																																

EXHIBIT A

City of Napa Engineering and Traffic Survey

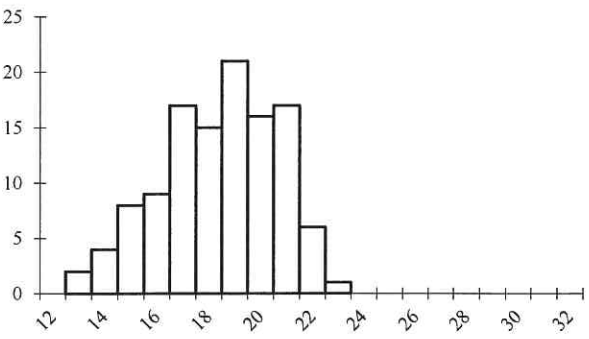
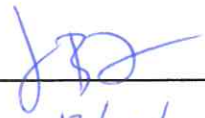
VEHICLE SPEED DATA																																																																																																															
Location: <u>First Street between Jefferson St and Soscol Ave</u> Posted Limit: <u>25mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/25/2022</u> Day: <u>Wednesday</u> Begin Time: <u>9:00am</u> End Time: <u>10:00am</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Commercial</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>10</td><td>2</td><td>35</td><td></td></tr> <tr><td>11</td><td></td><td>36</td><td></td></tr> <tr><td>12</td><td></td><td>37</td><td></td></tr> <tr><td>13</td><td>2</td><td>38</td><td></td></tr> <tr><td>14</td><td>4</td><td>39</td><td></td></tr> <tr><td>15</td><td>8</td><td>40</td><td></td></tr> <tr><td>16</td><td>9</td><td>41</td><td></td></tr> <tr><td>17</td><td>17</td><td>42</td><td></td></tr> <tr><td>18</td><td>15</td><td>43</td><td></td></tr> <tr><td>19</td><td>21</td><td>44</td><td></td></tr> <tr><td>20</td><td>16</td><td>45</td><td></td></tr> <tr><td>21</td><td>17</td><td>46</td><td></td></tr> <tr><td>22</td><td>6</td><td>47</td><td></td></tr> <tr><td>23</td><td>1</td><td>48</td><td></td></tr> <tr><td>24</td><td></td><td>49</td><td></td></tr> <tr><td>25</td><td></td><td>50</td><td></td></tr> <tr><td>26</td><td></td><td>51</td><td></td></tr> <tr><td>27</td><td></td><td>52</td><td></td></tr> <tr><td>28</td><td></td><td>53</td><td></td></tr> <tr><td>29</td><td></td><td>54</td><td></td></tr> <tr><td>30</td><td></td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">118</td> </tr> </tbody> </table>		Speed	Number	Speed	Number	10	2	35		11		36		12		37		13	2	38		14	4	39		15	8	40		16	9	41		17	17	42		18	15	43		19	21	44		20	16	45		21	17	46		22	6	47		23	1	48		24		49		25		50		26		51		27		52		28		53		29		54		30		55		31		56		32		57		33		58		34		59		TOTAL		118	
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Segment Length (mi.): <u>0.61</u>		ADT: <u>6,798</u> Count Date: <u>4/14/2022</u>																																																																																																													
Number of accidents: <u>10</u>		Time period: <u>3</u> years																																																																																																													
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On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>20mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																															
Signature: <u></u> Date: <u>12/29/2022</u>																																																																																																															

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA			
Location: <u>Foster Road between South City Limit and St Francis Cir</u>			
Posted Limit: <u>40mph</u>		Speed	Number
Direction: <u>NB SB</u>	Recorder: <u>EBM</u>	20	45
Date: <u>5/24/2022</u>	Day: <u>Tuesday</u>	21	46
Begin Time: <u>2:00pm</u>	End Time: <u>3:00pm</u>	22	47
Weather: <u>Clear Dry Warm</u>	Land Use: <u>Residential / Rural</u>	23	48
		24	49
		25	50
Summary Statistics		26	1
Total Observed	104	27	2
Speed Range	26 - 43	28	3
50th percentile speed	37	29	1
85th percentile speed	41	30	2
10 mph pace speed	33 - 42	31	3
% in pace speed	86	32	6
Skewness index	0.909	33	3
		34	13
		35	6
		36	13
		37	8
		38	8
		39	9
		40	11
		41	12
		42	3
		43	69
		44	104
		TOTAL	
ANALYSIS INFORMATION			
Segment Length (mi.):	<u>0.29</u>	ADT:	<u>993</u>
Number of accidents:	<u>0</u>	Time period:	<u>3</u> years
Calc. Accident Rate =	<u>0.00</u>	Count Date: <u>3/26/2021</u>	
Fatal + Injury Crashes per Million Vehicle-Miles			
Street Width (ft):	<u>Varies</u>	Configuration:	<u>2 Lane</u>
Parking Conditions:	<u>None</u>	Sidewalk:	<u>None</u>
Other Considerations:	Based on an 85th percentile of 41mph and lack of continuous pedestrian facilities, it appears reasonable to retain the existing 40mph speed limit.		
RECOMMENDATION			
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>40mph</u> is hereby determined to be reasonable for the above street segment.			
Signature: <u>[Signature]</u>			
Date: <u>12/21/22</u>			

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																														
Location: <u>Foster Road between St Francis Cir and West Imola Ave</u> Posted Limit: <u>30mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>5/24/2022</u> Day: <u>Tuesday</u> Begin Time: <u>11:30am</u> End Time: <u>12:30pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Res, Comm, School</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>20</td><td>3</td><td>45</td><td></td></tr> <tr><td>21</td><td>3</td><td>46</td><td></td></tr> <tr><td>22</td><td>1</td><td>47</td><td></td></tr> <tr><td>23</td><td>3</td><td>48</td><td></td></tr> <tr><td>24</td><td>6</td><td>49</td><td></td></tr> <tr><td>25</td><td>9</td><td>50</td><td></td></tr> <tr><td>26</td><td>13</td><td>51</td><td></td></tr> <tr><td>27</td><td>12</td><td>52</td><td></td></tr> <tr><td>28</td><td>10</td><td>53</td><td></td></tr> <tr><td>29</td><td>18</td><td>54</td><td></td></tr> <tr><td>30</td><td>24</td><td>55</td><td></td></tr> <tr><td>31</td><td>26</td><td>56</td><td></td></tr> <tr><td>32</td><td>8</td><td>57</td><td></td></tr> <tr><td>33</td><td>3</td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">139</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	20	3	45		21	3	46		22	1	47		23	3	48		24	6	49		25	9	50		26	13	51		27	12	52		28	10	53		29	18	54		30	24	55		31	26	56		32	8	57		33	3	58		34		59		35		60		36		61		37		62		38		63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		139	
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TOTAL		139																																																																																																												
Summary Statistics Total Observed <u>139</u> Speed Range <u>20 - 33</u> 50th percentile speed <u>29</u> 85th percentile speed <u>31</u> 10 mph pace speed <u>23 - 32</u> % in pace speed <u>93</u> Skewness index <u>0.667</u>																																																																																																														
ANALYSIS INFORMATION																																																																																																														
Segment Length (mi.): <u>0.78</u> Number of accidents: <u>1</u> Calc. Accident Rate = <u>0.60</u>		ADT: <u>1,945</u> Count Date: <u>3/26/2021</u> Time period: <u>3</u> years Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																												
Street Width (ft): <u>Varies</u> Parking Conditions: <u>Discontinuous</u> Other Considerations: <u>Based on an 85th percentile of 31mph and lack of continuous pedestrian facilities, it appears reasonable to retain the existing 30mph speed limit.</u>		Configuration: <u>2 Lane</u> Terrain: <u>Flat</u> Sidewalk: <u>Discontinuous</u> Class: <u>Collector</u>																																																																																																												
RECOMMENDATION																																																																																																														
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>30mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																														
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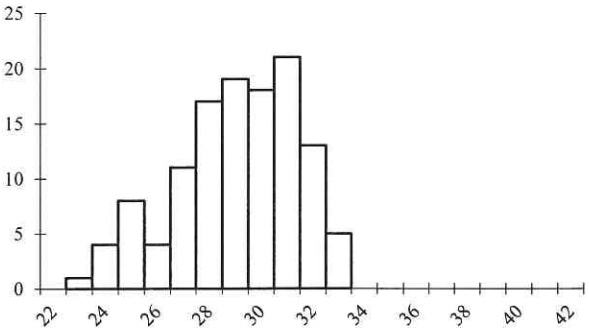
VEHICLE SPEED DATA																																																																																																																
Location: <u>Foster Road between West Imola Ave and Old Sonoma Rd</u> Posted Limit: <u>30mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>5/24/2022</u> Day: <u>Tuesday</u> Begin Time: <u>10:00am</u> End Time: <u>11:00am</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Residential</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>20</td><td>3</td><td>45</td><td></td></tr> <tr><td>21</td><td>1</td><td>46</td><td></td></tr> <tr><td>22</td><td></td><td>47</td><td></td></tr> <tr><td>23</td><td>1</td><td>48</td><td></td></tr> <tr><td>24</td><td>4</td><td>49</td><td></td></tr> <tr><td>25</td><td>8</td><td>50</td><td></td></tr> <tr><td>26</td><td>4</td><td>51</td><td></td></tr> <tr><td>27</td><td>11</td><td>52</td><td></td></tr> <tr><td>28</td><td>17</td><td>53</td><td></td></tr> <tr><td>29</td><td>19</td><td>54</td><td></td></tr> <tr><td>30</td><td>18</td><td>55</td><td></td></tr> <tr><td>31</td><td>21</td><td>56</td><td></td></tr> <tr><td>32</td><td>13</td><td>57</td><td></td></tr> <tr><td>33</td><td>5</td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">125</td> </tr> </tbody> </table>			Speed	Number	Speed	Number	20	3	45		21	1	46		22		47		23	1	48		24	4	49		25	8	50		26	4	51		27	11	52		28	17	53		29	19	54		30	18	55		31	21	56		32	13	57		33	5	58		34		59		35		60		36		61		37		62		38		63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		125	
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Segment Length (mi.): <u>0.41</u>		ADT: <u>3,737</u>		Count Date: <u>3/25/2021</u>																																																																																																												
Number of accidents: <u>1</u>		Time period: <u>3</u> years																																																																																																														
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Street Width (ft): <u>40</u>		Configuration: <u>2 Lane</u>		Terrain: <u>Flat</u>																																																																																																												
Parking Conditions: <u>Both</u>		Sidewalk: <u>Both</u>		Class: <u>Collector</u>																																																																																																												
Other Considerations: <u>This section of roadway meets the CVC Residence District definition for a Prima Facie 25mph roadway. Based on an 85th percentile of 31mph, is the Engineer's recommendation to lower the posted speed limit by 5mph to match.</u>																																																																																																																
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On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>25mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																																
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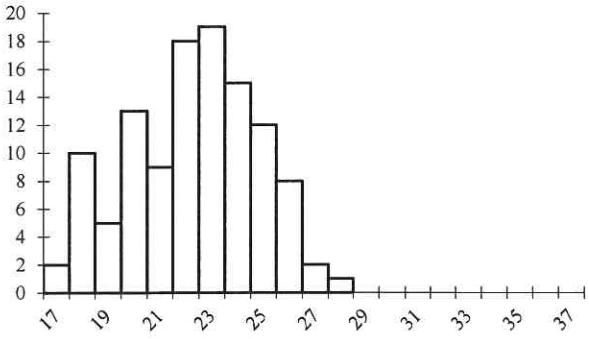
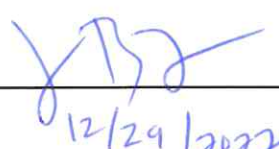
VEHICLE SPEED DATA																	
Location: <u>Fourth Street between Third St and Coombs St</u>																	
Posted Limit: <u>25mph</u>		Speed	Number														
Direction: <u>EB WB</u>	Recorder: <u>EBM</u>	Speed	Number														
Date: <u>5/13/2021</u>	Day: <u>Thursday</u>	15															
Begin Time: <u>11:30am</u>	End Time: <u>12:30pm</u>	16	2														
Weather: <u>Clear Dry Cool</u>	Land Use: <u>Commercial-Residential</u>	17	2														
		18	10														
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		39															
		TOTAL	116														
Summary Statistics <table style="width: 100%; border-collapse: collapse;"> <tr><td>Total Observed</td><td style="text-align: right;">116</td></tr> <tr><td>Speed Range</td><td style="text-align: right;">16 - 28</td></tr> <tr><td>50th percentile speed</td><td style="text-align: right;">22</td></tr> <tr><td>85th percentile speed</td><td style="text-align: right;">25</td></tr> <tr><td>10 mph pace speed</td><td style="text-align: right;">18 - 27</td></tr> <tr><td>% in pace speed</td><td style="text-align: right;">96</td></tr> <tr><td>Skewness index</td><td style="text-align: right;">1.000</td></tr> </table> 				Total Observed	116	Speed Range	16 - 28	50th percentile speed	22	85th percentile speed	25	10 mph pace speed	18 - 27	% in pace speed	96	Skewness index	1.000
Total Observed	116																
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% in pace speed	96																
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ANALYSIS INFORMATION																	
Segment Length (mi.): <u>0.25</u>		ADT: <u>1,189</u>															
Number of accidents: <u>2</u>		Count Date: <u>4/29/2021</u>															
Calc. Accident Rate = <u>6.14</u>		Time period: <u>3</u> years															
Fatal + Injury Crashes per Million Vehicle-Miles																	
Street Width (ft): <u>40</u>		Configuration: <u>2V 2P</u>															
Parking Conditions: <u>Both</u>		Terrain: <u>Flat</u>															
Other Considerations: <u>This roadway segment is within the Downtown Specific Plan Area. Based on the 85th percentile speed of 25mph, an accident rate over 4 times the Statewide average for similar roadways, it is the Engineer's recommendation to lower the posted speed limit by 5mph for consistency Downtown.</u>		Class: <u>Arterial</u>															
RECOMMENDATION																	
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>20mph</u> is hereby determined to be reasonable for the above street segment.																	
Signature: <u></u> Date: <u>12/29/2022</u>																	

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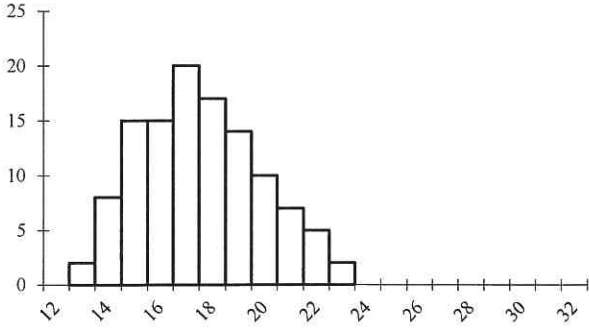
VEHICLE SPEED DATA																																																																																																														
Location: <u>Franklin Street between Fourth St and Pearl St</u> Posted Limit: <u>25mph</u> Direction: <u>SB NB</u> Recorder: <u>EBM</u> Date: <u>10/25/2022</u> Day: <u>Tuesday</u> Begin Time: <u>10:20am</u> End Time: <u>12:00 noon</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Commercial</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>10</td><td></td><td>35</td><td></td></tr> <tr><td>11</td><td></td><td>36</td><td></td></tr> <tr><td>12</td><td></td><td>37</td><td></td></tr> <tr><td>13</td><td>2</td><td>38</td><td></td></tr> <tr><td>14</td><td>8</td><td>39</td><td></td></tr> <tr><td>15</td><td>15</td><td>40</td><td></td></tr> <tr><td>16</td><td>15</td><td>41</td><td></td></tr> <tr><td>17</td><td>20</td><td>42</td><td></td></tr> <tr><td>18</td><td>17</td><td>43</td><td></td></tr> <tr><td>19</td><td>14</td><td>44</td><td></td></tr> <tr><td>20</td><td>10</td><td>45</td><td></td></tr> <tr><td>21</td><td>7</td><td>46</td><td></td></tr> <tr><td>22</td><td>5</td><td>47</td><td></td></tr> <tr><td>23</td><td>2</td><td>48</td><td></td></tr> <tr><td>24</td><td></td><td>49</td><td></td></tr> <tr><td>25</td><td></td><td>50</td><td></td></tr> <tr><td>26</td><td></td><td>51</td><td></td></tr> <tr><td>27</td><td></td><td>52</td><td></td></tr> <tr><td>28</td><td></td><td>53</td><td></td></tr> <tr><td>29</td><td></td><td>54</td><td></td></tr> <tr><td>30</td><td></td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">115</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	10		35		11		36		12		37		13	2	38		14	8	39		15	15	40		16	15	41		17	20	42		18	17	43		19	14	44		20	10	45		21	7	46		22	5	47		23	2	48		24		49		25		50		26		51		27		52		28		53		29		54		30		55		31		56		32		57		33		58		34		59		TOTAL		115	
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Segment Length (mi.): <u>0.28</u> Number of accidents: <u>8</u> Calc. Accident Rate = <u>24.67</u>		ADT: <u>1,046</u> Count Date: <u>4/14/2022</u> Time period: <u>3</u> years Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																												
Street Width (ft): <u>Varies</u> Parking Conditions: <u>Discontinuous</u> Other Considerations: <u>This roadway segment is within the Downtown Specific Plan Area. Based on a 85th percentile of 20mph, it is the Engineer's recommendation to lower the posted speed limit by 5mph for consistency Downtown.</u>		Configuration: <u>Varies</u> Sidewalk: <u>Both</u> Terrain: <u>Flat</u> Class: <u>Collector</u>																																																																																																												
RECOMMENDATION																																																																																																														
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>20mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																														
Signature: <u>[Signature]</u> Date: <u>12/22/2022</u>																																																																																																														

EXHIBIT A

City of Napa Engineering and Traffic Survey

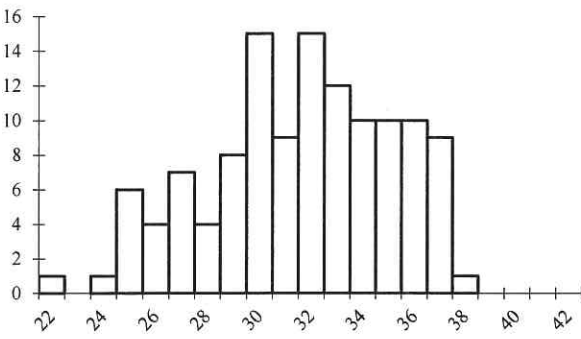
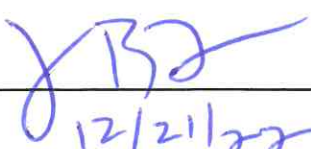
VEHICLE SPEED DATA																																																																																																																
Location: <u>Freeway Drive between Laurel St and First St</u> Posted Limit: <u>35mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>5/16/2022</u> Day: <u>Monday</u> Begin Time: <u>11:45am</u> End Time: <u>12:45pm</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Commercial</u>		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Speed</th> <th style="text-align: center;">Number</th> <th style="text-align: center;">Speed</th> <th style="text-align: center;">Number</th> </tr> </thead> <tbody> <tr><td>20</td><td></td><td>45</td><td></td></tr> <tr><td>21</td><td>1</td><td>46</td><td></td></tr> <tr><td>22</td><td>1</td><td>47</td><td></td></tr> <tr><td>23</td><td></td><td>48</td><td></td></tr> <tr><td>24</td><td>1</td><td>49</td><td></td></tr> <tr><td>25</td><td>6</td><td>50</td><td></td></tr> <tr><td>26</td><td>4</td><td>51</td><td></td></tr> <tr><td>27</td><td>7</td><td>52</td><td></td></tr> <tr><td>28</td><td>4</td><td>53</td><td></td></tr> <tr><td>29</td><td>8</td><td>54</td><td></td></tr> <tr><td>30</td><td>15</td><td>55</td><td></td></tr> <tr><td>31</td><td>9</td><td>56</td><td></td></tr> <tr><td>32</td><td>15</td><td>57</td><td></td></tr> <tr><td>33</td><td>12</td><td>58</td><td></td></tr> <tr><td>34</td><td>10</td><td>59</td><td></td></tr> <tr><td>35</td><td>10</td><td>60</td><td></td></tr> <tr><td>36</td><td>10</td><td>61</td><td></td></tr> <tr><td>37</td><td>9</td><td>62</td><td></td></tr> <tr><td>38</td><td>1</td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">123</td> </tr> </tbody> </table>			Speed	Number	Speed	Number	20		45		21	1	46		22	1	47		23		48		24	1	49		25	6	50		26	4	51		27	7	52		28	4	53		29	8	54		30	15	55		31	9	56		32	15	57		33	12	58		34	10	59		35	10	60		36	10	61		37	9	62		38	1	63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		123	
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Segment Length (mi.): <u>0.52</u>		ADT: <u>8,856</u>		Count Date: <u>5/12/2022</u>																																																																																																												
Number of accidents: <u>2</u>		Time period: <u>3</u> years																																																																																																														
Calc. Accident Rate = <u>0.40</u> Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																																
Street Width (ft): <u>Varies</u>		Configuration: <u>Varies</u>		Terrain: <u>Flat</u>																																																																																																												
Parking Conditions: <u>Discontinuous</u>		Sidewalk: <u>Discontinuous</u>		Class: <u>Local</u>																																																																																																												
Other Considerations: <u>Based on an 85th percentile of 36mph and lack of continuous pedestrian facilities, it appears reasonable to retain the existing 35mph speed limit.</u>																																																																																																																
RECOMMENDATION																																																																																																																
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>35mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																																
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EXHIBIT A

City of Napa Engineering and Traffic Survey

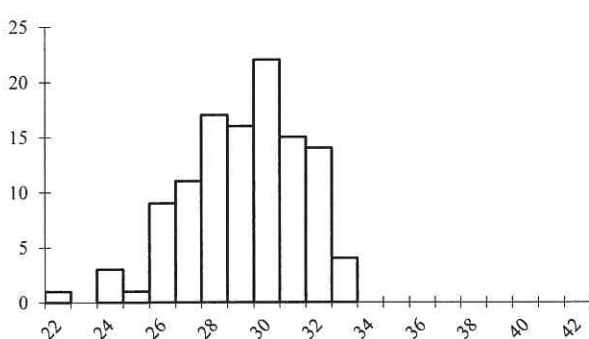
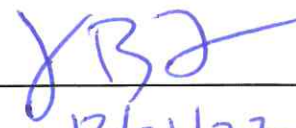
VEHICLE SPEED DATA																																																																																																														
Location: <u>Gasser Drive between Imola Ave and Kansas Ave</u> Posted Limit: <u>30mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>5/23/2022</u> Day: <u>Monday</u> Begin Time: <u>2:00pm</u> End Time: <u>2:45pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Commercial</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>20</td><td></td><td>45</td><td></td></tr> <tr><td>21</td><td></td><td>46</td><td></td></tr> <tr><td>22</td><td>1</td><td>47</td><td></td></tr> <tr><td>23</td><td></td><td>48</td><td></td></tr> <tr><td>24</td><td>3</td><td>49</td><td></td></tr> <tr><td>25</td><td>1</td><td>50</td><td></td></tr> <tr><td>26</td><td>9</td><td>51</td><td></td></tr> <tr><td>27</td><td>11</td><td>52</td><td></td></tr> <tr><td>28</td><td>17</td><td>53</td><td></td></tr> <tr><td>29</td><td>16</td><td>54</td><td></td></tr> <tr><td>30</td><td>22</td><td>55</td><td></td></tr> <tr><td>31</td><td>15</td><td>56</td><td></td></tr> <tr><td>32</td><td>14</td><td>57</td><td></td></tr> <tr><td>33</td><td>4</td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">113</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	20		45		21		46		22	1	47		23		48		24	3	49		25	1	50		26	9	51		27	11	52		28	17	53		29	16	54		30	22	55		31	15	56		32	14	57		33	4	58		34		59		35		60		36		61		37		62		38		63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		113	
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ANALYSIS INFORMATION																																																																																																														
Segment Length (mi.): <u>0.3</u>		ADT: <u>7,067</u> Count Date: <u>5/19/2022</u>																																																																																																												
Number of accidents: <u>3</u>		Time period: <u>3</u> years																																																																																																												
Calc. Accident Rate = <u>1.29</u> Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																														
Street Width (ft): <u>Varies</u>		Configuration: <u>Varies</u>																																																																																																												
Parking Conditions: <u>None</u>		Sidewalk: <u>Discontinuous</u>																																																																																																												
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EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																														
Location: <u>Gasser Drive between Kansas Ave and Soscol Ave</u> Posted Limit: <u>30mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>5/18/2022</u> Day: <u>Wednesday</u> Begin Time: <u>3:30pm</u> End Time: <u>4:30pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Commercial</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>20</td><td></td><td>45</td><td></td></tr> <tr><td>21</td><td>1</td><td>46</td><td></td></tr> <tr><td>22</td><td></td><td>47</td><td></td></tr> <tr><td>23</td><td>2</td><td>48</td><td></td></tr> <tr><td>24</td><td>2</td><td>49</td><td></td></tr> <tr><td>25</td><td>7</td><td>50</td><td></td></tr> <tr><td>26</td><td>7</td><td>51</td><td></td></tr> <tr><td>27</td><td>9</td><td>52</td><td></td></tr> <tr><td>28</td><td>10</td><td>53</td><td></td></tr> <tr><td>29</td><td>16</td><td>54</td><td></td></tr> <tr><td>30</td><td>22</td><td>55</td><td></td></tr> <tr><td>31</td><td>23</td><td>56</td><td></td></tr> <tr><td>32</td><td>10</td><td>57</td><td></td></tr> <tr><td>33</td><td>4</td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">113</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	20		45		21	1	46		22		47		23	2	48		24	2	49		25	7	50		26	7	51		27	9	52		28	10	53		29	16	54		30	22	55		31	23	56		32	10	57		33	4	58		34		59		35		60		36		61		37		62		38		63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		113	
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Summary Statistics Total Observed <u>113</u> Speed Range <u>21 - 33</u> 50th percentile speed <u>30</u> 85th percentile speed <u>31</u> 10 mph pace speed <u>24 - 33</u> % in pace speed <u>97</u> Skewness index <u>0.571</u>																																																																																																														
ANALYSIS INFORMATION																																																																																																														
Segment Length (mi.): <u>0.29</u> Number of accidents: <u>0</u> Calc. Accident Rate = <u>0.00</u>		ADT: <u>2,453</u> Count Date: <u>4/1/2021</u> Time period: <u>3</u> years Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																												
Street Width (ft): <u>34</u> Parking Conditions: <u>None</u> Other Considerations: <u>Based on an 85th percentile of 31mph, it appears reasonable to retain the existing 30mph speed limit.</u>		Configuration: <u>2 Lane + Bikes</u> Terrain: <u>Flat</u> Sidewalk: <u>East Only</u> Class: <u>Collector</u>																																																																																																												
RECOMMENDATION																																																																																																														
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Signature: <u></u> Date: <u>12/21/22</u>																																																																																																														

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA			
Location: <u>Lone Oak Avenue between Linda Vista Ave and West Lincoln Ave</u>			
Posted Limit: <u>25mph</u>		Speed	Number
Direction: <u>EB WB</u>	Recorder: <u>EBM</u>	Speed	Number
Date: <u>5/24/2022</u>	Day: <u>Tuesday</u>	Speed	Number
Begin Time: <u>3:30pm</u>	End Time: <u>4:30pm</u>	Speed	Number
Weather: <u>Clear Dry Warm</u>	Land Use: <u>Residential</u>	Speed	Number
Summary Statistics		Speed	Number
Total Observed	122	10	35
Speed Range	13 - 25	11	36
50th percentile speed	18	12	37
85th percentile speed	20	13	38
10 mph pace speed	14 - 23	14	39
% in pace speed	94	15	40
Skewness index	1.143	16	41
		17	42
		18	43
		19	44
		20	45
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		26	51
		27	52
		28	53
		29	54
		30	55
		31	56
		32	57
		34	59
		TOTAL	122
ANALYSIS INFORMATION			
Segment Length (mi.):	<u>0.03</u>	ADT:	<u>3,567</u>
Number of accidents:	<u>0</u>	Count Date:	<u>4/8/2021</u>
Calc. Accident Rate =	<u>0.00</u>	Time period:	<u>5</u> years
Fatal + Injury Crashes per Million Vehicle-Miles			
Street Width (ft):	<u>28</u>	Configuration:	<u>2 Lane</u>
Parking Conditions:	<u>WB Only</u>	Terrain:	<u>Flat</u>
Other Considerations:	Based on this short section of a Residence District, an 85th percentile of 20mph and lack of continuous pedestrian facilities, it appears reasonable to retain the existing 25mph speed limit.		
RECOMMENDATION			
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>25mph</u> is hereby determined to be reasonable for the above street segment.			
Signature:			
Date:	<u>12/29/2022</u>		



EXHIBIT A

City of Napa Engineering and Traffic Survey

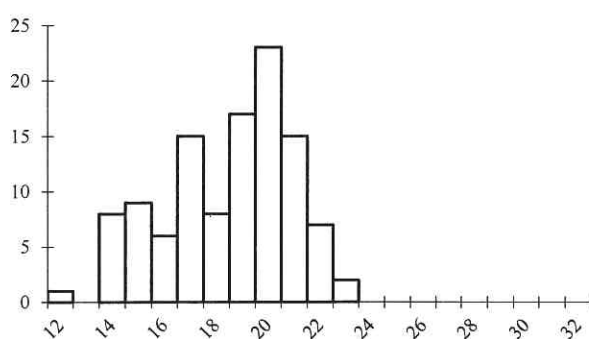
VEHICLE SPEED DATA																																																																																																														
Location: <u>Main Street between Fifth St and Pearl St</u> Posted Limit: <u>25mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>5/12/2022</u> Day: <u>Thursday</u> Begin Time: <u>2:30pm</u> End Time: <u>3:30pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Commercial</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>10</td><td></td><td>35</td><td></td></tr> <tr><td>11</td><td></td><td>36</td><td></td></tr> <tr><td>12</td><td>1</td><td>37</td><td></td></tr> <tr><td>13</td><td>0</td><td>38</td><td></td></tr> <tr><td>14</td><td>8</td><td>39</td><td></td></tr> <tr><td>15</td><td>9</td><td>40</td><td></td></tr> <tr><td>16</td><td>6</td><td>41</td><td></td></tr> <tr><td>17</td><td>15</td><td>42</td><td></td></tr> <tr><td>18</td><td>8</td><td>43</td><td></td></tr> <tr><td>19</td><td>17</td><td>44</td><td></td></tr> <tr><td>20</td><td>23</td><td>45</td><td></td></tr> <tr><td>21</td><td>15</td><td>46</td><td></td></tr> <tr><td>22</td><td>7</td><td>47</td><td></td></tr> <tr><td>23</td><td>2</td><td>48</td><td></td></tr> <tr><td>24</td><td></td><td>49</td><td></td></tr> <tr><td>25</td><td></td><td>50</td><td></td></tr> <tr><td>26</td><td></td><td>51</td><td></td></tr> <tr><td>27</td><td></td><td>52</td><td></td></tr> <tr><td>28</td><td></td><td>53</td><td></td></tr> <tr><td>29</td><td></td><td>54</td><td></td></tr> <tr><td>30</td><td></td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">111</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	10		35		11		36		12	1	37		13	0	38		14	8	39		15	9	40		16	6	41		17	15	42		18	8	43		19	17	44		20	23	45		21	15	46		22	7	47		23	2	48		24		49		25		50		26		51		27		52		28		53		29		54		30		55		31		56		32		57		33		58		34		59		TOTAL		111	
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ANALYSIS INFORMATION																																																																																																														
Segment Length (mi.): <u>0.34</u> Number of accidents: <u>15</u> Calc. Accident Rate = <u>11.04</u>		ADT: <u>3,651</u> Count Date: <u>3/18/2021</u> Time period: <u>3</u> years Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																												
Street Width (ft): <u>40</u> Parking Conditions: <u>Discontinuous</u> Other Considerations:		Configuration: <u>2 Lanes</u> Terrain: <u>Flat</u> Sidewalk: <u>Both</u> Class: <u>Arterial</u>																																																																																																												
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On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>20mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																														
Signature: <u>[Signature]</u> Date: <u>12/29/2022</u>																																																																																																														

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA				
Location: <u>Napa Valley Corporate Drive between Napa Valley Corporate Wy and Kaiser Rd</u>				
Posted Limit: <u>40mph</u>			Speed	Number
Direction: <u>NB SB</u>	Recorder: <u>EBM</u>		20	1
Date: <u>5/25/2022</u>	Day: <u>Wednesday</u>		21	
Begin Time: <u>1:45pm</u>	End Time: <u>2:45pm</u>		22	
Weather: <u>Clear Dry Warm</u>	Land Use: <u>Comm - Industrial</u>		23	1
			24	
			25	2
			26	
			27	3
			28	3
			29	1
			30	10
			31	1
			32	6
			33	8
			34	11
			35	9
			36	12
			37	10
			38	10
			39	11
			40	9
			41	4
			42	6
			43	2
			44	
			TOTAL	120
ANALYSIS INFORMATION				
Segment Length (mi.): <u>0.56</u>	ADT: <u>3,834</u>	Count Date: <u>6/2/2022</u>		
Number of accidents: <u>1</u>	Time period: <u>3</u> years			
Calc. Accident Rate = <u>0.43</u>	Fatal + Injury Crashes per Million Vehicle-Miles			
Street Width (ft): <u>55</u>	Configuration: <u>4Ln, M, Bikes</u>	Terrain: <u>Flat</u>		
Parking Conditions: <u>None</u>	Sidewalk: <u>None</u>	Class: <u>Local</u>		
Other Considerations: <u>Based on an 85th percentile of 40mph and lack of continuous pedestrian facilities, Engineer's consideration for land use transition from Industrial to Commercial with new Hotel Resort, retail and commercial, it is the Engineer's recommendation to lower the posted speed limit by 5mph.</u>				
RECOMMENDATION				
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>35mph</u> is hereby determined to be reasonable for the above street segment.				
Signature: <u>[Signature]</u>				
Date: <u>11/8/2023</u>				

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																		
Location: <u>Napa Valley Corporate Way between Napa Valley Corporate Dr and Hwy221</u>																		
Posted Limit: <u>40mph</u>			Speed	Number														
Direction: <u>EB WB</u>	Recorder: <u>EBM</u>		20	45														
Date: <u>5/25/2022</u>	Day: <u>Wednesday</u>		21	46														
Begin Time: <u>2:15pm</u>	End Time: <u>3:15pm</u>		22	47														
Weather: <u>Clear Dry Warm</u>	Land Use: <u>Comm, Industrial</u>		23	48														
Summary Statistics <table style="width: 100%; border-collapse: collapse;"> <tr><td>Total Observed</td><td style="text-align: right;">114</td></tr> <tr><td>Speed Range</td><td style="text-align: right;">24 - 42</td></tr> <tr><td>50th percentile speed</td><td style="text-align: right;">35</td></tr> <tr><td>85th percentile speed</td><td style="text-align: right;">39</td></tr> <tr><td>10 mph pace speed</td><td style="text-align: right;">31 - 40</td></tr> <tr><td>% in pace speed</td><td style="text-align: right;">82</td></tr> <tr><td>Skewness index</td><td style="text-align: right;">0.909</td></tr> </table>			Total Observed	114	Speed Range	24 - 42	50th percentile speed	35	85th percentile speed	39	10 mph pace speed	31 - 40	% in pace speed	82	Skewness index	0.909	24	1
			Total Observed	114														
			Speed Range	24 - 42														
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			85th percentile speed	39														
			10 mph pace speed	31 - 40														
			% in pace speed	82														
			Skewness index	0.909														
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			TOTAL 114															
ANALYSIS INFORMATION																		
Segment Length (mi.): <u>0.18</u>	ADT: <u>3,249</u>	Count Date: <u>6/7/2022</u>																
Number of accidents: <u>0</u>	Time period: <u>3</u> years																	
Calc. Accident Rate = <u>0.00</u> Fatal + Injury Crashes per Million Vehicle-Miles																		
Street Width (ft): <u>70</u>	Configuration: <u>4Ln + Bikes</u>	Terrain: <u>Flat</u>																
Parking Conditions: <u>None</u>	Sidewalk: <u>None</u>	Class: <u>Local</u>																
Other Considerations: <u>Based on an 85th percentile of 39mph and lack of continuous pedestrian facilities, Engineer's consideration for a land use transition from Industrial to Commercial with new Hotel Resort, retail and commercial, it is the Engineer's recommendation to lower the posted speed limit by 5mph.</u>																		
RECOMMENDATION																		
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>35mph</u> is hereby determined to be reasonable for the above street segment.																		
Signature: <u>[Signature]</u>																		
Date: <u>11/18/2023</u>																		

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA			
Location: <u>Orchard Avenue between West City Limits and Solano Ave</u>			
Posted Limit: <u>30mph</u>		Speed	Number
Direction: <u>EB WB</u>	Recorder: <u>EBM</u>	20	1
Date: <u>5/17/2022</u>	Day: <u>Tuesday</u>	21	
Begin Time: <u>9:00am</u>	End Time: <u>10:00am</u>	22	1
Weather: <u>Clear Dry Cool</u>	Land Use: <u>Res, Comm, AG</u>	23	4
		24	9
		25	12
		26	8
		27	12
		28	11
		29	12
		30	10
		31	15
		32	13
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		36	
		37	
		38	
		39	
		40	
		41	
		42	
		43	
		44	
		TOTAL	112
ANALYSIS INFORMATION			
Segment Length (mi.): <u>0.24</u>	ADT: <u>1,290</u>	Count Date: <u>2/4/2021</u>	
Number of accidents: <u>0</u>	Time period: <u>3</u> years		
Calc. Accident Rate = <u>0.00</u> Fatal + Injury Crashes per Million Vehicle-Miles			
Street Width (ft): <u>Varies</u>	Configuration: <u>2 Ln</u>	Terrain: <u>Flat</u>	
Parking Conditions: <u>Discontinuous</u>	Sidewalk: <u>Discontinuous</u>	Class: <u>Collector</u>	
Other Considerations: <u>The majority of this section meets the CVC Senior Zone definition for a 25mph roadway. Based on an 85th percentile of 32mph and lack of continuous pedestrian facilities, it appears reasonable to retain the existing 30mph speed limit.</u>			
RECOMMENDATION			
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>30mph</u> is hereby determined to be reasonable for the above street segment.			
Signature: <u>[Signature]</u>			
Date: <u>12/29/2022</u>			

EXHIBIT A

City of Napa Engineering and Traffic Survey

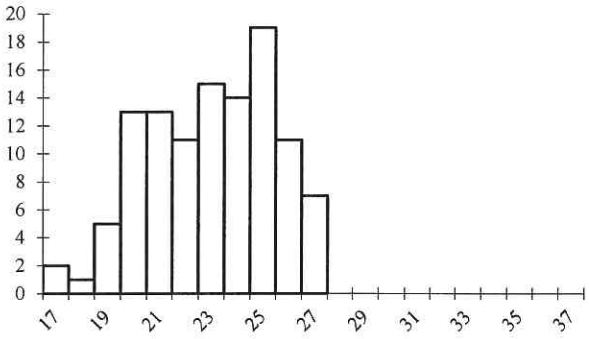
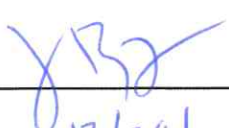
VEHICLE SPEED DATA																																																																																																														
Location: <u>Pearl Street between Franklin St and Soscol Ave</u> Posted Limit: <u>25mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>6/28/2021</u> Day: <u>Monday</u> Begin Time: <u>2:15pm</u> End Time: <u>2:45pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Commercial-Downtown</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>15</td><td></td><td>40</td><td></td></tr> <tr><td>16</td><td></td><td>41</td><td></td></tr> <tr><td>17</td><td>2</td><td>42</td><td></td></tr> <tr><td>18</td><td>1</td><td>43</td><td></td></tr> <tr><td>19</td><td>5</td><td>44</td><td></td></tr> <tr><td>20</td><td>13</td><td>45</td><td></td></tr> <tr><td>21</td><td>13</td><td>46</td><td></td></tr> <tr><td>22</td><td>11</td><td>47</td><td></td></tr> <tr><td>23</td><td>15</td><td>48</td><td></td></tr> <tr><td>24</td><td>14</td><td>49</td><td></td></tr> <tr><td>25</td><td>19</td><td>50</td><td></td></tr> <tr><td>26</td><td>11</td><td>51</td><td></td></tr> <tr><td>27</td><td>7</td><td>52</td><td></td></tr> <tr><td>28</td><td></td><td>53</td><td></td></tr> <tr><td>29</td><td></td><td>54</td><td></td></tr> <tr><td>30</td><td></td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">111</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	15		40		16		41		17	2	42		18	1	43		19	5	44		20	13	45		21	13	46		22	11	47		23	15	48		24	14	49		25	19	50		26	11	51		27	7	52		28		53		29		54		30		55		31		56		32		57		33		58		34		59		35		60		36		61		37		62		38		63		39		64		TOTAL		111	
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Other Considerations: This roadway segment is within the Downtown Specific Plan Area. Based on the 85th percentile speed of 26mph, an accident rate over 4 times higher than Statewide averages for similar roadways, it is the Engineer's recommendation to lower the posted speed limit by 5mph for consistency Downtown.																																																																																																														
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On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>20mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																														
Signature: <u></u> Date: <u>12/29/2022</u>																																																																																																														

EXHIBIT A

City of Napa Engineering and Traffic Survey

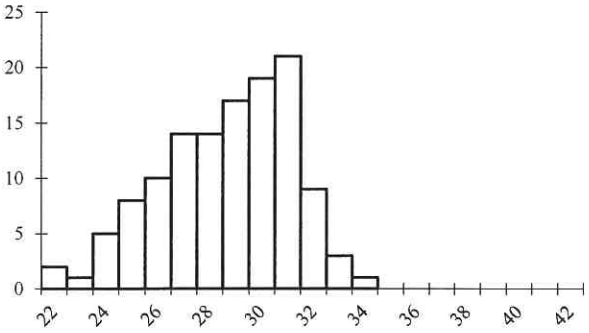
VEHICLE SPEED DATA																																																																																																														
Location: <u>Pueblo Avenue between California Blvd and Jefferson St</u> Posted Limit: <u>30mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/23/2022</u> Day: <u>Monday</u> Begin Time: <u>10:00am</u> End Time: <u>11:00am</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Res, Comm</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>20</td><td></td><td>45</td><td></td></tr> <tr><td>21</td><td></td><td>46</td><td></td></tr> <tr><td>22</td><td>2</td><td>47</td><td></td></tr> <tr><td>23</td><td>1</td><td>48</td><td></td></tr> <tr><td>24</td><td>5</td><td>49</td><td></td></tr> <tr><td>25</td><td>8</td><td>50</td><td></td></tr> <tr><td>26</td><td>10</td><td>51</td><td></td></tr> <tr><td>27</td><td>14</td><td>52</td><td></td></tr> <tr><td>28</td><td>14</td><td>53</td><td></td></tr> <tr><td>29</td><td>17</td><td>54</td><td></td></tr> <tr><td>30</td><td>19</td><td>55</td><td></td></tr> <tr><td>31</td><td>21</td><td>56</td><td></td></tr> <tr><td>32</td><td>9</td><td>57</td><td></td></tr> <tr><td>33</td><td>3</td><td>58</td><td></td></tr> <tr><td>34</td><td>1</td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">124</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	20		45		21		46		22	2	47		23	1	48		24	5	49		25	8	50		26	10	51		27	14	52		28	14	53		29	17	54		30	19	55		31	21	56		32	9	57		33	3	58		34	1	59		35		60		36		61		37		62		38		63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		124	
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Number of accidents: <u>5</u>		Time period: <u>3</u> years																																																																																																												
Calc. Accident Rate = <u>1.06</u> Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																														
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EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																															
Location: <u>Pueblo Avenue between Jefferson St and Soscol Ave</u> Posted Limit: <u>30mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/23/2022</u> Day: <u>Monday</u> Begin Time: <u>11:00am</u> End Time: <u>12:00noon</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Res, Sch, Park</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>20</td><td>2</td><td>45</td><td></td></tr> <tr><td>21</td><td>3</td><td>46</td><td></td></tr> <tr><td>22</td><td>1</td><td>47</td><td></td></tr> <tr><td>23</td><td>2</td><td>48</td><td></td></tr> <tr><td>24</td><td>4</td><td>49</td><td></td></tr> <tr><td>25</td><td>4</td><td>50</td><td></td></tr> <tr><td>26</td><td>15</td><td>51</td><td></td></tr> <tr><td>27</td><td>8</td><td>52</td><td></td></tr> <tr><td>28</td><td>14</td><td>53</td><td></td></tr> <tr><td>29</td><td>18</td><td>54</td><td></td></tr> <tr><td>30</td><td>21</td><td>55</td><td></td></tr> <tr><td>31</td><td>20</td><td>56</td><td></td></tr> <tr><td>32</td><td>6</td><td>57</td><td></td></tr> <tr><td>33</td><td>3</td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">121</td> </tr> </tbody> </table>		Speed	Number	Speed	Number	20	2	45		21	3	46		22	1	47		23	2	48		24	4	49		25	4	50		26	15	51		27	8	52		28	14	53		29	18	54		30	21	55		31	20	56		32	6	57		33	3	58		34		59		35		60		36		61		37		62		38		63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		121	
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Segment Length (mi.): <u>0.71</u> Number of accidents: <u>17</u> Calc. Accident Rate = <u>3.70</u>		ADT: <u>5,904</u> Count Date: <u>4/28/2022</u> Time period: <u>3</u> years Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																													
Street Width (ft): <u>40</u> Parking Conditions: <u>Both</u> Other Considerations:		Configuration: <u>2 Lane</u> Terrain: <u>Flat</u> Sidewalk: <u>Both</u> Class: <u>Collector</u>																																																																																																													
This section of roadway meets CVC Residence District definition for a Prima Facie 25mph roadway. Based on an 85th percentile of 31mph, an adjacent public School and City Park, and an accident rate over 4 times the Statewide average for similar roadways, it is the Engineer's recommendation to lower the posted speed limit by 5mph to match.																																																																																																															
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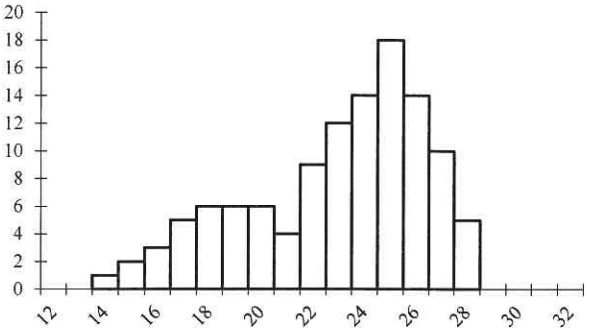
VEHICLE SPEED DATA																																																																																																															
Location: <u>Saratoga Drive between Capitola Dr and Terrace Dr</u> Posted Limit: <u>25mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/25/2022</u> Day: <u>Wednesday</u> Begin Time: <u>11:30am</u> End Time: <u>12:30pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Res, Comm</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>10</td><td></td><td>35</td><td></td></tr> <tr><td>11</td><td></td><td>36</td><td></td></tr> <tr><td>12</td><td></td><td>37</td><td></td></tr> <tr><td>13</td><td></td><td>38</td><td></td></tr> <tr><td>14</td><td>1</td><td>39</td><td></td></tr> <tr><td>15</td><td>2</td><td>40</td><td></td></tr> <tr><td>16</td><td>3</td><td>41</td><td></td></tr> <tr><td>17</td><td>5</td><td>42</td><td></td></tr> <tr><td>18</td><td>6</td><td>43</td><td></td></tr> <tr><td>19</td><td>6</td><td>44</td><td></td></tr> <tr><td>20</td><td>6</td><td>45</td><td></td></tr> <tr><td>21</td><td>4</td><td>46</td><td></td></tr> <tr><td>22</td><td>9</td><td>47</td><td></td></tr> <tr><td>23</td><td>12</td><td>48</td><td></td></tr> <tr><td>24</td><td>14</td><td>49</td><td></td></tr> <tr><td>25</td><td>18</td><td>50</td><td></td></tr> <tr><td>26</td><td>14</td><td>51</td><td></td></tr> <tr><td>27</td><td>10</td><td>52</td><td></td></tr> <tr><td>28</td><td>5</td><td>53</td><td></td></tr> <tr><td>29</td><td></td><td>54</td><td></td></tr> <tr><td>30</td><td></td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">115</td> </tr> </tbody> </table>		Speed	Number	Speed	Number	10		35		11		36		12		37		13		38		14	1	39		15	2	40		16	3	41		17	5	42		18	6	43		19	6	44		20	6	45		21	4	46		22	9	47		23	12	48		24	14	49		25	18	50		26	14	51		27	10	52		28	5	53		29		54		30		55		31		56		32		57		33		58		34		59		TOTAL		115	
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EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA			
Location: <u>Second Street between Jefferson St and Main St</u>			
Posted Limit: <u>25mph</u>		Speed	Number
Direction: <u>EB WB</u>	Recorder: <u>EBM</u>	10	35
Date: <u>5/12/2022</u>	Day: <u>Thursday</u>	11	1
Begin Time: <u>1:15pm</u>	End Time: <u>2:30pm</u>	12	37
Weather: <u>Clear Dry Warm</u>	Land Use: <u>Downtown Comm</u>	13	38
		14	6
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		32	57
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		34	59
		TOTAL	120
ANALYSIS INFORMATION			
Segment Length (mi.): <u>0.51</u>	ADT: <u>2,955</u>	Count Date: <u>4/1/2021</u>	
Number of accidents: <u>16</u>	Time period: <u>3</u> years		
Calc. Accident Rate = <u>9.70</u> Fatal + Injury Crashes per Million Vehicle-Miles			
Street Width (ft): <u>40</u>	Configuration: <u>2 Lane</u>	Terrain: <u>Flat</u>	
Parking Conditions: <u>Both</u>	Sidewalk: <u>Both</u>	Class: <u>Arterial</u>	
Other Considerations: <u>This roadway segment is within the Downtown Specific Plan Area. Based on the 85th percentile speed of 22mph and an accident rate significantly higher than Statewide averages for similar roadways, it is the Engineer's recommendation to lower the posted speed limit by 5mph for consistency Downtown.</u>			
RECOMMENDATION			
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>20mph</u> is hereby determined to be reasonable for the above street segment.			
Signature: <u>[Signature]</u>			
Date: <u>12/29/2022</u>			

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																														
Location: <u>Seminary Street between Pine St and Oak St</u> Posted Limit: <u>25mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>10/26/2022</u> Day: <u>Wednesday</u> Begin Time: <u>3:15pm</u> End Time: <u>4:45pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Residential</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>15</td><td></td><td>40</td><td></td></tr> <tr><td>16</td><td>2</td><td>41</td><td></td></tr> <tr><td>17</td><td>2</td><td>42</td><td></td></tr> <tr><td>18</td><td>9</td><td>43</td><td></td></tr> <tr><td>19</td><td>13</td><td>44</td><td></td></tr> <tr><td>20</td><td>8</td><td>45</td><td></td></tr> <tr><td>21</td><td>12</td><td>46</td><td></td></tr> <tr><td>22</td><td>14</td><td>47</td><td></td></tr> <tr><td>23</td><td>14</td><td>48</td><td></td></tr> <tr><td>24</td><td>11</td><td>49</td><td></td></tr> <tr><td>25</td><td>13</td><td>50</td><td></td></tr> <tr><td>26</td><td>6</td><td>51</td><td></td></tr> <tr><td>27</td><td>6</td><td>52</td><td></td></tr> <tr><td>28</td><td>2</td><td>53</td><td></td></tr> <tr><td>29</td><td>1</td><td>54</td><td></td></tr> <tr><td>30</td><td></td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">113</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	15		40		16	2	41		17	2	42		18	9	43		19	13	44		20	8	45		21	12	46		22	14	47		23	14	48		24	11	49		25	13	50		26	6	51		27	6	52		28	2	53		29	1	54		30		55		31		56		32		57		33		58		34		59		35		60		36		61		37		62		38		63		39		64		TOTAL		113	
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Segment Length (mi.): <u>0.24</u> Number of accidents: <u>2</u> Calc. Accident Rate = <u>6.48</u>		ADT: <u>1,185</u> Count Date: <u>4/14/2022</u> Time period: <u>3</u> years Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																												
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EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																														
Location: <u>Seminary Street between Oak St and Clay St</u> Posted Limit: <u>25mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>10/27/2022</u> Day: <u>Thursday</u> Begin Time: <u>3:30pm</u> End Time: <u>4:30pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Res, Comm</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>10</td><td></td><td>35</td><td></td></tr> <tr><td>11</td><td></td><td>36</td><td></td></tr> <tr><td>12</td><td></td><td>37</td><td></td></tr> <tr><td>13</td><td>1</td><td>38</td><td></td></tr> <tr><td>14</td><td>1</td><td>39</td><td></td></tr> <tr><td>15</td><td>5</td><td>40</td><td></td></tr> <tr><td>16</td><td>6</td><td>41</td><td></td></tr> <tr><td>17</td><td>10</td><td>42</td><td></td></tr> <tr><td>18</td><td>18</td><td>43</td><td></td></tr> <tr><td>19</td><td>21</td><td>44</td><td></td></tr> <tr><td>20</td><td>21</td><td>45</td><td></td></tr> <tr><td>21</td><td>15</td><td>46</td><td></td></tr> <tr><td>22</td><td>10</td><td>47</td><td></td></tr> <tr><td>23</td><td>1</td><td>48</td><td></td></tr> <tr><td>24</td><td>2</td><td>49</td><td></td></tr> <tr><td>25</td><td></td><td>50</td><td></td></tr> <tr><td>26</td><td></td><td>51</td><td></td></tr> <tr><td>27</td><td></td><td>52</td><td></td></tr> <tr><td>28</td><td></td><td>53</td><td></td></tr> <tr><td>29</td><td></td><td>54</td><td></td></tr> <tr><td>30</td><td></td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">111</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	10		35		11		36		12		37		13	1	38		14	1	39		15	5	40		16	6	41		17	10	42		18	18	43		19	21	44		20	21	45		21	15	46		22	10	47		23	1	48		24	2	49		25		50		26		51		27		52		28		53		29		54		30		55		31		56		32		57		33		58		34		59		TOTAL		111	
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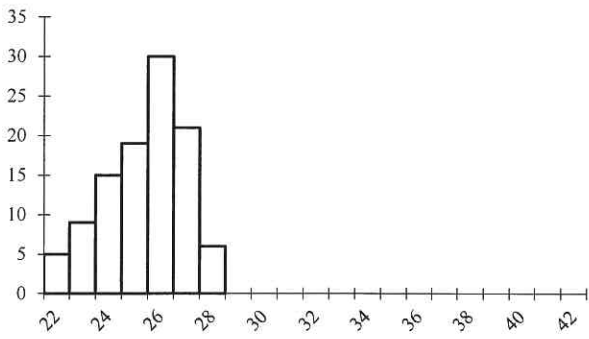
VEHICLE SPEED DATA																																																																																																																
Location: <u>Sierra Avenue between Hwy29 and Jefferson St</u> Posted Limit: <u>25mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/18/2022</u> Day: <u>Wednesday</u> Begin Time: <u>12:45pm</u> End Time: <u>2:00pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Res, Comm</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Speed</th> <th style="width: 15%;">Number</th> <th style="width: 15%;">Speed</th> <th style="width: 15%;">Number</th> </tr> </thead> <tbody> <tr><td>20</td><td>3</td><td>45</td><td></td></tr> <tr><td>21</td><td>1</td><td>46</td><td></td></tr> <tr><td>22</td><td>5</td><td>47</td><td></td></tr> <tr><td>23</td><td>9</td><td>48</td><td></td></tr> <tr><td>24</td><td>15</td><td>49</td><td></td></tr> <tr><td>25</td><td>19</td><td>50</td><td></td></tr> <tr><td>26</td><td>30</td><td>51</td><td></td></tr> <tr><td>27</td><td>21</td><td>52</td><td></td></tr> <tr><td>28</td><td>6</td><td>53</td><td></td></tr> <tr><td>29</td><td></td><td>54</td><td></td></tr> <tr><td>30</td><td></td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">109</td> </tr> </tbody> </table>			Speed	Number	Speed	Number	20	3	45		21	1	46		22	5	47		23	9	48		24	15	49		25	19	50		26	30	51		27	21	52		28	6	53		29		54		30		55		31		56		32		57		33		58		34		59		35		60		36		61		37		62		38		63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		109	
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Calc. Accident Rate = <u>2.02</u>		Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																														
Street Width (ft): <u>40</u>		Configuration: <u>2 Lane</u>		Terrain: <u>Flat</u>																																																																																																												
Parking Conditions: <u>Both</u>		Sidewalk: <u>Discontinuous</u>		Class: <u>Collector</u>																																																																																																												
Other Considerations: <u>This section of roadway meets CVC Residence District definition for a Prima Facie 25mph roadway. Based on an 85th percentile of 27mph, it appears reasonable to retain the existing 25mph speed limit.</u>																																																																																																																
RECOMMENDATION																																																																																																																
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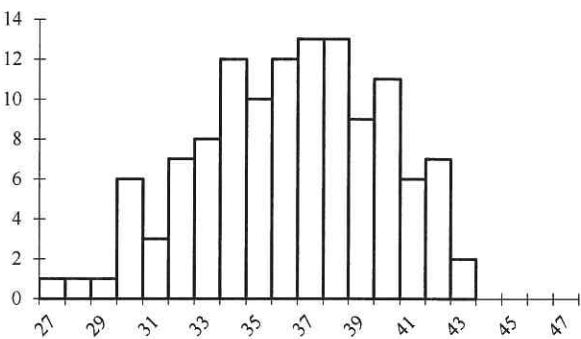
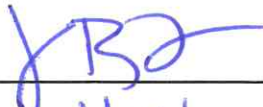
VEHICLE SPEED DATA																																																																																																														
Location: <u>Solano Avenue between Redwood Rd and Trower Ave</u> Posted Limit: <u>40mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>5/25/2022</u> Day: <u>Wednesday</u> Begin Time: <u>3:00pm</u> End Time: <u>4:00pm</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Commercial</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>25</td><td>1</td><td>50</td><td></td></tr> <tr><td>26</td><td>2</td><td>51</td><td></td></tr> <tr><td>27</td><td>1</td><td>52</td><td></td></tr> <tr><td>28</td><td>1</td><td>53</td><td></td></tr> <tr><td>29</td><td>1</td><td>54</td><td></td></tr> <tr><td>30</td><td>6</td><td>55</td><td></td></tr> <tr><td>31</td><td>3</td><td>56</td><td></td></tr> <tr><td>32</td><td>7</td><td>57</td><td></td></tr> <tr><td>33</td><td>8</td><td>58</td><td></td></tr> <tr><td>34</td><td>12</td><td>59</td><td></td></tr> <tr><td>35</td><td>10</td><td>60</td><td></td></tr> <tr><td>36</td><td>12</td><td>61</td><td></td></tr> <tr><td>37</td><td>13</td><td>62</td><td></td></tr> <tr><td>38</td><td>13</td><td>63</td><td></td></tr> <tr><td>39</td><td>9</td><td>64</td><td></td></tr> <tr><td>40</td><td>11</td><td>65</td><td></td></tr> <tr><td>41</td><td>6</td><td>66</td><td></td></tr> <tr><td>42</td><td>7</td><td>67</td><td></td></tr> <tr><td>43</td><td>2</td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr><td>45</td><td></td><td>70</td><td></td></tr> <tr><td>46</td><td></td><td>71</td><td></td></tr> <tr><td>47</td><td></td><td>72</td><td></td></tr> <tr><td>48</td><td></td><td>73</td><td></td></tr> <tr><td>49</td><td></td><td>74</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">125</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	25	1	50		26	2	51		27	1	52		28	1	53		29	1	54		30	6	55		31	3	56		32	7	57		33	8	58		34	12	59		35	10	60		36	12	61		37	13	62		38	13	63		39	9	64		40	11	65		41	6	66		42	7	67		43	2	68		44		69		45		70		46		71		47		72		48		73		49		74		TOTAL		125	
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Number of accidents: <u>13</u>		Time period: <u>3</u> years																																																																																																												
Calc. Accident Rate = <u>3.06</u> Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																														
Street Width (ft): <u>Varies</u>		Configuration: <u>2Ln + Bikes</u>	Terrain: <u>Flat</u>																																																																																																											
Parking Conditions: <u>Discontinuous</u>		Sidewalk: <u>Westside</u>	Class: <u>Collector</u>																																																																																																											
Other Considerations: <u>Based on an 85th percentile of 40mph, a Private School and Church, multiple Hotels and a Class1 Bike Trail, and an accident rate over 4 times the Statewide average for similar roadways, it is the Engineer's recommendation to lower the posted speed limit by 5mph.</u>																																																																																																														
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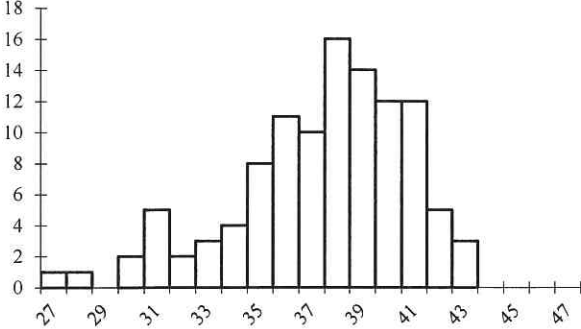
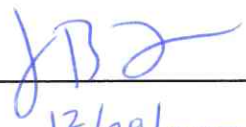
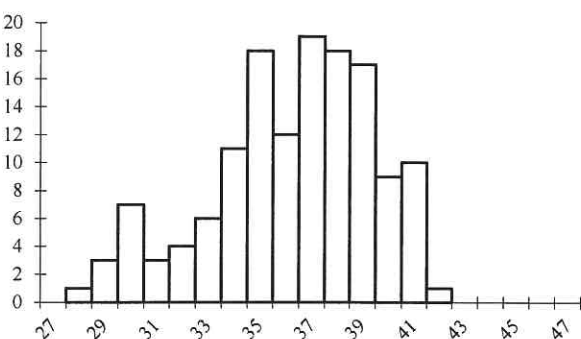
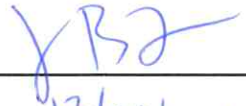
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Location: <u>Solano Avenue between Salvador Ave and North City Limits</u> Posted Limit: <u>40mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>5/17/2022</u> Day: <u>Tuesday</u> Begin Time: <u>10:00am</u> End Time: <u>11:00am</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Res Comm</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>25</td><td></td><td>50</td><td></td></tr> <tr><td>26</td><td></td><td>51</td><td></td></tr> <tr><td>27</td><td>1</td><td>52</td><td></td></tr> <tr><td>28</td><td>1</td><td>53</td><td></td></tr> <tr><td>29</td><td></td><td>54</td><td></td></tr> <tr><td>30</td><td>2</td><td>55</td><td></td></tr> <tr><td>31</td><td>5</td><td>56</td><td></td></tr> <tr><td>32</td><td>2</td><td>57</td><td></td></tr> <tr><td>33</td><td>3</td><td>58</td><td></td></tr> <tr><td>34</td><td>4</td><td>59</td><td></td></tr> <tr><td>35</td><td>8</td><td>60</td><td></td></tr> <tr><td>36</td><td>11</td><td>61</td><td></td></tr> <tr><td>37</td><td>10</td><td>62</td><td></td></tr> <tr><td>38</td><td>16</td><td>63</td><td></td></tr> <tr><td>39</td><td>14</td><td>64</td><td></td></tr> <tr><td>40</td><td>12</td><td>65</td><td></td></tr> <tr><td>41</td><td>12</td><td>66</td><td></td></tr> <tr><td>42</td><td>5</td><td>67</td><td></td></tr> <tr><td>43</td><td>3</td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr><td>45</td><td></td><td>70</td><td></td></tr> <tr><td>46</td><td></td><td>71</td><td></td></tr> <tr><td>47</td><td></td><td>72</td><td></td></tr> <tr><td>48</td><td></td><td>73</td><td></td></tr> <tr><td>49</td><td></td><td>74</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">109</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	25		50		26		51		27	1	52		28	1	53		29		54		30	2	55		31	5	56		32	2	57		33	3	58		34	4	59		35	8	60		36	11	61		37	10	62		38	16	63		39	14	64		40	12	65		41	12	66		42	5	67		43	3	68		44		69		45		70		46		71		47		72		48		73		49		74		TOTAL		109	
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Street Width (ft): <u>Varies</u> Parking Conditions: <u>None</u> Other Considerations: <u>Based on an 85th percentile of 41mph, an adjacent Class 1 Bike Trail, it appears reasonable to retain the existing 40mph speed limit.</u>		Configuration: <u>2Ln + Bikes</u> Terrain: <u>Flat</u> Sidewalk: <u>Westside</u> Class: <u>Collector</u>																																																																																																												
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EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																														
Location: <u>Soscol Avenue between Lincoln Ave and Pueblo Ave</u> Posted Limit: <u>40mph</u> Direction: <u>NB SB</u> Recorder: <u>EBM</u> Date: <u>6/1/2022</u> Day: <u>Wednesday</u> Begin Time: <u>9:00am</u> End Time: <u>10:00am</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Res, Comm</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>25</td><td></td><td>50</td><td></td></tr> <tr><td>26</td><td></td><td>51</td><td></td></tr> <tr><td>27</td><td></td><td>52</td><td></td></tr> <tr><td>28</td><td>1</td><td>53</td><td></td></tr> <tr><td>29</td><td>3</td><td>54</td><td></td></tr> <tr><td>30</td><td>7</td><td>55</td><td></td></tr> <tr><td>31</td><td>3</td><td>56</td><td></td></tr> <tr><td>32</td><td>4</td><td>57</td><td></td></tr> <tr><td>33</td><td>6</td><td>58</td><td></td></tr> <tr><td>34</td><td>11</td><td>59</td><td></td></tr> <tr><td>35</td><td>18</td><td>60</td><td></td></tr> <tr><td>36</td><td>12</td><td>61</td><td></td></tr> <tr><td>37</td><td>19</td><td>62</td><td></td></tr> <tr><td>38</td><td>18</td><td>63</td><td></td></tr> <tr><td>39</td><td>17</td><td>64</td><td></td></tr> <tr><td>40</td><td>9</td><td>65</td><td></td></tr> <tr><td>41</td><td>10</td><td>66</td><td></td></tr> <tr><td>42</td><td>1</td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr><td>45</td><td></td><td>70</td><td></td></tr> <tr><td>46</td><td></td><td>71</td><td></td></tr> <tr><td>47</td><td></td><td>72</td><td></td></tr> <tr><td>48</td><td></td><td>73</td><td></td></tr> <tr><td>49</td><td></td><td>74</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">139</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	25		50		26		51		27		52		28	1	53		29	3	54		30	7	55		31	3	56		32	4	57		33	6	58		34	11	59		35	18	60		36	12	61		37	19	62		38	18	63		39	17	64		40	9	65		41	10	66		42	1	67		43		68		44		69		45		70		46		71		47		72		48		73		49		74		TOTAL		139	
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EXHIBIT A

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VEHICLE SPEED DATA																																																																																																														
Location: <u>Trancas Street between Solano Ave and Jefferson St</u> Posted Limit: <u>30mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/23/2022</u> Day: <u>Monday</u> Begin Time: <u>9:00am</u> End Time: <u>9:30am</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Commercial</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>15</td><td></td><td>40</td><td></td></tr> <tr><td>16</td><td></td><td>41</td><td></td></tr> <tr><td>17</td><td></td><td>42</td><td></td></tr> <tr><td>18</td><td>1</td><td>43</td><td></td></tr> <tr><td>19</td><td>1</td><td>44</td><td></td></tr> <tr><td>20</td><td>1</td><td>45</td><td></td></tr> <tr><td>21</td><td>3</td><td>46</td><td></td></tr> <tr><td>22</td><td>3</td><td>47</td><td></td></tr> <tr><td>23</td><td>3</td><td>48</td><td></td></tr> <tr><td>24</td><td>8</td><td>49</td><td></td></tr> <tr><td>25</td><td>11</td><td>50</td><td></td></tr> <tr><td>26</td><td>11</td><td>51</td><td></td></tr> <tr><td>27</td><td>13</td><td>52</td><td></td></tr> <tr><td>28</td><td>16</td><td>53</td><td></td></tr> <tr><td>29</td><td>14</td><td>54</td><td></td></tr> <tr><td>30</td><td>16</td><td>55</td><td></td></tr> <tr><td>31</td><td>11</td><td>56</td><td></td></tr> <tr><td>32</td><td>7</td><td>57</td><td></td></tr> <tr><td>33</td><td>1</td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">120</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	15		40		16		41		17		42		18	1	43		19	1	44		20	1	45		21	3	46		22	3	47		23	3	48		24	8	49		25	11	50		26	11	51		27	13	52		28	16	53		29	14	54		30	16	55		31	11	56		32	7	57		33	1	58		34		59		35		60		36		61		37		62		38		63		39		64		TOTAL		120	
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City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																															
Location: <u>Trower Avenue between Linda Vista Ave and Solano Ave</u> Posted Limit: <u>35mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/18/2022</u> Day: <u>Wednesday</u> Begin Time: <u>10:00am</u> End Time: <u>11:00am</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Res, Sch, Comm</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>20</td><td></td><td>45</td><td></td></tr> <tr><td>21</td><td></td><td>46</td><td></td></tr> <tr><td>22</td><td></td><td>47</td><td></td></tr> <tr><td>23</td><td></td><td>48</td><td></td></tr> <tr><td>24</td><td>3</td><td>49</td><td></td></tr> <tr><td>25</td><td>3</td><td>50</td><td></td></tr> <tr><td>26</td><td>2</td><td>51</td><td></td></tr> <tr><td>27</td><td>10</td><td>52</td><td></td></tr> <tr><td>28</td><td>10</td><td>53</td><td></td></tr> <tr><td>29</td><td>15</td><td>54</td><td></td></tr> <tr><td>30</td><td>15</td><td>55</td><td></td></tr> <tr><td>31</td><td>31</td><td>56</td><td></td></tr> <tr><td>32</td><td>25</td><td>57</td><td></td></tr> <tr><td>33</td><td>7</td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">121</td> </tr> </tbody> </table>		Speed	Number	Speed	Number	20		45		21		46		22		47		23		48		24	3	49		25	3	50		26	2	51		27	10	52		28	10	53		29	15	54		30	15	55		31	31	56		32	25	57		33	7	58		34		59		35		60		36		61		37		62		38		63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		121	
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Skewness index		0.400																																																																																																													
ANALYSIS INFORMATION																																																																																																															
Segment Length (mi.): <u>0.44</u>		ADT: <u>7,188</u> Count Date: <u>4/28/2022</u>																																																																																																													
Number of accidents: <u>3</u>		Time period: <u>3</u> years																																																																																																													
Calc. Accident Rate = <u>0.87</u> Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																															
Street Width (ft): <u>Varies</u>		Configuration: <u>3Ln + Bikes</u>																																																																																																													
Parking Conditions: <u>Discontinuous</u>		Sidewalk: <u>Both</u>																																																																																																													
Other Considerations: <u>Based on an 85th percentile of 32mph, an adjacent roadway segment at 30mph, an adjacent High School, it is the Engineer's recommendation to lower the posted speed limit by 5mph.</u>		Terrain: <u>Flat</u> Class: <u>Arterial</u>																																																																																																													
RECOMMENDATION																																																																																																															
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>30mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																															
Signature: <u></u> Date: <u>11/18/2023</u>																																																																																																															

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																															
Location: <u>Trower Avenue between Jefferson St and Eastern Terminus</u> Posted Limit: <u>25mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/18/2022</u> Day: <u>Wednesday</u> Begin Time: <u>9:00am</u> End Time: <u>10:00am</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Res, Sch, Comm</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>20</td><td>2</td><td>45</td><td></td></tr> <tr><td>21</td><td>4</td><td>46</td><td></td></tr> <tr><td>22</td><td>1</td><td>47</td><td></td></tr> <tr><td>23</td><td>8</td><td>48</td><td></td></tr> <tr><td>24</td><td>8</td><td>49</td><td></td></tr> <tr><td>25</td><td>15</td><td>50</td><td></td></tr> <tr><td>26</td><td>16</td><td>51</td><td></td></tr> <tr><td>27</td><td>14</td><td>52</td><td></td></tr> <tr><td>28</td><td>5</td><td>53</td><td></td></tr> <tr><td>29</td><td>11</td><td>54</td><td></td></tr> <tr><td>30</td><td>11</td><td>55</td><td></td></tr> <tr><td>31</td><td>6</td><td>56</td><td></td></tr> <tr><td>32</td><td>5</td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr><td>40</td><td></td><td>65</td><td></td></tr> <tr><td>41</td><td></td><td>66</td><td></td></tr> <tr><td>42</td><td></td><td>67</td><td></td></tr> <tr><td>43</td><td></td><td>68</td><td></td></tr> <tr><td>44</td><td></td><td>69</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td colspan="2" style="text-align: right;">106</td> </tr> </tbody> </table>		Speed	Number	Speed	Number	20	2	45		21	4	46		22	1	47		23	8	48		24	8	49		25	15	50		26	16	51		27	14	52		28	5	53		29	11	54		30	11	55		31	6	56		32	5	57		33		58		34		59		35		60		36		61		37		62		38		63		39		64		40		65		41		66		42		67		43		68		44		69		TOTAL		106	
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ANALYSIS INFORMATION																																																																																																															
Segment Length (mi.): <u>0.37</u> ADT: <u>2,022</u> Count Date: <u>4/8/2021</u> Number of accidents: <u>1</u> Time period: <u>3</u> years Calc. Accident Rate = <u>1.22</u> Fatal + Injury Crashes per Million Vehicle-Miles																																																																																																															
Street Width (ft): <u>62</u> Configuration: <u>Varies</u> Terrain: <u>Flat</u> Parking Conditions: <u>Discontinuous</u> Sidewalk: <u>Both</u> Class: <u>Arterial</u> Other Considerations: <u>Based on an 85th percentile of 30mph, an adjacent High School, and an accident rate over 2 times the Statewide average for similar roadways, it appears reasonable to retain the existing 25mph speed limit.</u>																																																																																																															
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EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																														
Location: <u>Vallejo Street between Seminary St and Soscol Ave</u> Posted Limit: <u>25mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/25/2022</u> Day: <u>Wednesday</u> Begin Time: <u>9:45am</u> End Time: <u>11:00am</u> Weather: <u>Clear Dry Warm</u> Land Use: <u>Comm, Res</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>10</td><td></td><td>35</td><td></td></tr> <tr><td>11</td><td></td><td>36</td><td></td></tr> <tr><td>12</td><td></td><td>37</td><td></td></tr> <tr><td>13</td><td>1</td><td>38</td><td></td></tr> <tr><td>14</td><td></td><td>39</td><td></td></tr> <tr><td>15</td><td>5</td><td>40</td><td></td></tr> <tr><td>16</td><td>5</td><td>41</td><td></td></tr> <tr><td>17</td><td>10</td><td>42</td><td></td></tr> <tr><td>18</td><td>9</td><td>43</td><td></td></tr> <tr><td>19</td><td>13</td><td>44</td><td></td></tr> <tr><td>20</td><td>15</td><td>45</td><td></td></tr> <tr><td>21</td><td>15</td><td>46</td><td></td></tr> <tr><td>22</td><td>15</td><td>47</td><td></td></tr> <tr><td>23</td><td>10</td><td>48</td><td></td></tr> <tr><td>24</td><td>7</td><td>49</td><td></td></tr> <tr><td>25</td><td>6</td><td>50</td><td></td></tr> <tr><td>26</td><td>7</td><td>51</td><td></td></tr> <tr><td>27</td><td>2</td><td>52</td><td></td></tr> <tr><td>28</td><td></td><td>53</td><td></td></tr> <tr><td>29</td><td></td><td>54</td><td></td></tr> <tr><td>30</td><td></td><td>55</td><td></td></tr> <tr><td>31</td><td></td><td>56</td><td></td></tr> <tr><td>32</td><td></td><td>57</td><td></td></tr> <tr><td>33</td><td></td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">120</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	10		35		11		36		12		37		13	1	38		14		39		15	5	40		16	5	41		17	10	42		18	9	43		19	13	44		20	15	45		21	15	46		22	15	47		23	10	48		24	7	49		25	6	50		26	7	51		27	2	52		28		53		29		54		30		55		31		56		32		57		33		58		34		59		TOTAL		120	
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ANALYSIS INFORMATION																																																																																																														
Segment Length (mi.): <u>0.34</u> Number of accidents: <u>5</u> Calc. Accident Rate = <u>12.45</u> Fatal + Injury Crashes per Million Vehicle-Miles		ADT: <u>1,079</u> Count Date: <u>4/14/2022</u> Time period: <u>3</u> years																																																																																																												
Street Width (ft): <u>40</u> Parking Conditions: <u>Both</u> Other Considerations: <u>Based on an 85th percentile of 24mph, an accident rate higher than Statewide averages for similar roadways, it appears reasonable to retain the existing 25mph speed limit.</u>		Configuration: <u>2 Lane</u> Terrain: <u>Flat</u> Sidewalk: <u>Both</u> Class: <u>Collector</u>																																																																																																												
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Signature: <u>[Signature]</u> Date: <u>12/29/2022</u>																																																																																																														

EXHIBIT A

City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA			
Location: <u>Villa Lane between Trancas St and Northern Terminus</u>			
Posted Limit: <u>25mph</u>		Speed	Number
Direction: <u>NB SB</u>	Recorder: <u>EBM</u>	20	29
Date: <u>5/23/2022</u>	Day: <u>Monday</u>	21	12
Begin Time: <u>8:30am</u>	End Time: <u>9:00am</u>	22	13
Weather: <u>Clear Dry Warm</u>	Land Use: <u>Comm, Res</u>	23	9
		24	12
		25	15
		26	12
		27	14
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		TOTAL	121
ANALYSIS INFORMATION			
Segment Length (mi.): <u>0.6</u>	ADT: <u>2,875</u>	Count Date: <u>4/21/2022</u>	
Number of accidents: <u>6</u>	Time period: <u>3</u> years		
Calc. Accident Rate = <u>3.18</u> Fatal + Injury Crashes per Million Vehicle-Miles			
Street Width (ft): <u>40</u>	Configuration: <u>2 Lane</u>	Terrain: <u>Flat</u>	
Parking Conditions: <u>Discontinuous</u>	Sidewalk: <u>Both</u>	Class: <u>Collector</u>	
Other Considerations: <u>Based on an 85th percentile of 27mph, an accident rate higher than Statewide averages for similar roadways, it appears reasonable to retain the existing 25mph speed limit.</u>			
RECOMMENDATION			
On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>25mph</u> is hereby determined to be reasonable for the above street segment.			
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City of Napa Engineering and Traffic Survey

VEHICLE SPEED DATA																																																																																																														
Location: <u>West Imola Avenue between Foster Rd and Hwy 29</u> Posted Limit: <u>30mph</u> Direction: <u>EB WB</u> Recorder: <u>EBM</u> Date: <u>5/24/2022</u> Day: <u>Tuesday</u> Begin Time: <u>9:30am</u> End Time: <u>10:30am</u> Weather: <u>Clear Dry Cool</u> Land Use: <u>Comm, Res</u>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Speed</th> <th>Number</th> <th>Speed</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>15</td><td></td><td>40</td><td></td></tr> <tr><td>16</td><td>1</td><td>41</td><td></td></tr> <tr><td>17</td><td></td><td>42</td><td></td></tr> <tr><td>18</td><td></td><td>43</td><td></td></tr> <tr><td>19</td><td>1</td><td>44</td><td></td></tr> <tr><td>20</td><td>5</td><td>45</td><td></td></tr> <tr><td>21</td><td>3</td><td>46</td><td></td></tr> <tr><td>22</td><td>4</td><td>47</td><td></td></tr> <tr><td>23</td><td>6</td><td>48</td><td></td></tr> <tr><td>24</td><td>10</td><td>49</td><td></td></tr> <tr><td>25</td><td>19</td><td>50</td><td></td></tr> <tr><td>26</td><td>13</td><td>51</td><td></td></tr> <tr><td>27</td><td>11</td><td>52</td><td></td></tr> <tr><td>28</td><td>14</td><td>53</td><td></td></tr> <tr><td>29</td><td>13</td><td>54</td><td></td></tr> <tr><td>30</td><td>10</td><td>55</td><td></td></tr> <tr><td>31</td><td>9</td><td>56</td><td></td></tr> <tr><td>32</td><td>10</td><td>57</td><td></td></tr> <tr><td>33</td><td>4</td><td>58</td><td></td></tr> <tr><td>34</td><td></td><td>59</td><td></td></tr> <tr><td>35</td><td></td><td>60</td><td></td></tr> <tr><td>36</td><td></td><td>61</td><td></td></tr> <tr><td>37</td><td></td><td>62</td><td></td></tr> <tr><td>38</td><td></td><td>63</td><td></td></tr> <tr><td>39</td><td></td><td>64</td><td></td></tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td colspan="2" style="text-align: center;">133</td> </tr> </tbody> </table>	Speed	Number	Speed	Number	15		40		16	1	41		17		42		18		43		19	1	44		20	5	45		21	3	46		22	4	47		23	6	48		24	10	49		25	19	50		26	13	51		27	11	52		28	14	53		29	13	54		30	10	55		31	9	56		32	10	57		33	4	58		34		59		35		60		36		61		37		62		38		63		39		64		TOTAL		133	
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Segment Length (mi.): <u>0.3</u> Number of accidents: <u>6</u> Calc. Accident Rate = <u>3.59</u> Fatal + Injury Crashes per Million Vehicle-Miles		ADT: <u>5,090</u> Count Date: <u>4/15/2021</u> Time period: <u>3</u> years																																																																																																												
Street Width (ft): <u>40</u> Parking Conditions: <u>Discontinuous</u> Other Considerations: <u>Based on an 85th percentile of 31mph, a lack of continuous pedestrian facilities, and an accident rate significantly higher than Statewide averages of similar roadways, it is the Engineer's recommendation to lower the posted speed limit by 5mph.</u>		Configuration: <u>2 Lane</u> Terrain: <u>Flat</u> Sidewalk: <u>Discontinuous</u> Class: <u>Arterial</u>																																																																																																												
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On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22352, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of <u>25mph</u> is hereby determined to be reasonable for the above street segment.																																																																																																														
Signature: <u>[Signature]</u> Date: <u>11/18/2023</u>																																																																																																														