

| LOCATION: Lawton Rd west of South End Rd          |               |               |               |               |               |               |          |          |          |          |          |          |          |           | QC JOB #: 14507858 |               |                   |
|---------------------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------|----------|----------|----------|----------|----------|----------|-----------|--------------------|---------------|-------------------|
| SPECIFIC LOCATION: Lawton Rd west of South End Rd |               |               |               |               |               |               |          |          |          |          |          |          |          |           | DIRECTION: EB      |               |                   |
| CITY/STATE: Clackamas, OR                         |               |               |               |               |               |               |          |          |          |          |          |          |          |           | DATE: Sep 26 2017  |               |                   |
| Start Time                                        | 1<br>15       | 16<br>20      | 21<br>25      | 26<br>30      | 31<br>35      | 36<br>40      | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total              | Pace<br>Speed | Number<br>in Pace |
| 12:00 AM                                          | 0             | 0             | 0             | 0             | 0             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0                  | 1-10          | 0                 |
| 1:00 AM                                           | 0             | 0             | 0             | 1             | 0             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1                  | 21-30         | 1                 |
| 2:00 AM                                           | 0             | 0             | 1             | 0             | 0             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1                  | 16-25         | 1                 |
| 3:00 AM                                           | 2             | 1             | 4             | 2             | 2             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 11                 | 21-30         | 6                 |
| 4:00 AM                                           | 0             | 2             | 6             | 5             | 0             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 13                 | 21-30         | 11                |
| 5:00 AM                                           | 1             | 6             | 12            | 12            | 5             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 36                 | 21-30         | 23                |
| 6:00 AM                                           | 11            | 15            | 26            | 25            | 2             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 79                 | 21-30         | 51                |
| 7:00 AM                                           | 23            | 29            | 50            | 21            | 1             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 124                | 16-25         | 79                |
| 8:00 AM                                           | 10            | 11            | 41            | 11            | 7             | 0             | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 81                 | 21-30         | 52                |
| 9:00 AM                                           | 2             | 8             | 29            | 15            | 1             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 55                 | 21-30         | 44                |
| 10:00 AM                                          | 3             | 6             | 17            | 12            | 2             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 40                 | 21-30         | 28                |
| 11:00 AM                                          | 7             | 12            | 17            | 16            | 0             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 52                 | 21-30         | 33                |
| 12:00 PM                                          | 4             | 8             | 18            | 16            | 4             | 1             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 51                 | 21-30         | 34                |
| 1:00 PM                                           | 6             | 3             | 11            | 20            | 4             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 44                 | 21-30         | 31                |
| 2:00 PM                                           | 12            | 8             | 14            | 19            | 4             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 57                 | 21-30         | 32                |
| 3:00 PM                                           | 12            | 9             | 18            | 11            | 1             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 51                 | 21-30         | 29                |
| 4:00 PM                                           | 7             | 12            | 17            | 19            | 1             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 56                 | 21-30         | 35                |
| 5:00 PM                                           | 12            | 8             | 26            | 15            | 4             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 65                 | 21-30         | 41                |
| 6:00 PM                                           | 10            | 11            | 19            | 14            | 2             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 56                 | 21-30         | 32                |
| 7:00 PM                                           | 5             | 6             | 21            | 7             | 1             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 40                 | 21-30         | 27                |
| 8:00 PM                                           | 0             | 5             | 10            | 5             | 1             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 21                 | 16-25         | 15                |
| 9:00 PM                                           | 2             | 0             | 4             | 3             | 1             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 10                 | 22-31         | 6                 |
| 10:00 PM                                          | 0             | 0             | 4             | 1             | 1             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 6                  | 22-31         | 4                 |
| 11:00 PM                                          | 1             | 3             | 6             | 2             | 0             | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 12                 | 20-29         | 8                 |
| Day Total                                         | 130           | 163           | 371           | 252           | 44            | 1             | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 962                | 21-30         | 623               |
| Percent                                           | 13.5%         | 16.9%         | 38.6%         | 26.2%         | 4.6%          | 0.1%          | 0.1%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |                    |               |                   |
| ADT<br>962                                        |               |               |               |               |               |               |          |          |          |          |          |          |          |           |                    |               |                   |
| AM Peak<br>Volume                                 | 7:00 AM<br>23 | 7:00 AM<br>29 | 7:00 AM<br>50 | 6:00 AM<br>25 | 8:00 AM<br>7  | 8:00 AM<br>1  |          |          |          |          |          |          |          |           | 7:00 AM<br>124     |               |                   |
| PM Peak<br>Volume                                 | 2:00 PM<br>12 | 4:00 PM<br>12 | 5:00 PM<br>26 | 1:00 PM<br>20 | 12:00 PM<br>4 | 12:00 PM<br>1 |          |          |          |          |          |          |          |           | 5:00 PM<br>65      |               |                   |
| Comments:                                         |               |               |               |               |               |               |          |          |          |          |          |          |          |           |                    |               |                   |

|                                                          |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   |                                             |                       |                           |
|----------------------------------------------------------|------------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|---------------------------------------------|-----------------------|---------------------------|
| <b>LOCATION:</b> Lawton Rd west of South End Rd          |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>QC JOB #:</b> 14507858                   |                       |                           |
| <b>SPECIFIC LOCATION:</b> Lawton Rd west of South End Rd |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>DIRECTION:</b> EB                        |                       |                           |
| <b>CITY/STATE:</b> Clackamas, OR                         |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>DATE:</b> Sep 26 2017 - Sep 26 2017      |                       |                           |
| <b>Start Time</b>                                        | <b>1<br/>15</b>                                                                    | <b>16<br/>20</b> | <b>21<br/>25</b> | <b>26<br/>30</b> | <b>31<br/>35</b> | <b>36<br/>40</b> | <b>41<br/>45</b> | <b>46<br/>50</b> | <b>51<br/>55</b> | <b>56<br/>60</b> | <b>61<br/>65</b> | <b>66<br/>70</b> | <b>71<br/>75</b> | <b>76<br/>999</b> | <b>Total</b>                                | <b>Pace<br/>Speed</b> | <b>Number<br/>in Pace</b> |
| <b>Grand Total</b>                                       | 130                                                                                | 163              | 371              | 252              | 44               | 1                | 1                | 0                | 0                | 0                | 0                | 0                | 0                | 0                 | 962                                         | 21-30                 | 623                       |
| <b>Percent</b>                                           | 13.5%                                                                              | 16.9%            | 38.6%            | 26.2%            | 4.6%             | 0.1%             | 0.1%             | 0.0%             | 0.0%             | 0.0%             | 0.0%             | 0.0%             | 0.0%             | 0.0%              |                                             |                       |                           |
| <b>Cumulative<br/>Percent</b>                            | 13.5%                                                                              | 30.5%            | 69.0%            | 95.2%            | 99.8%            | 99.9%            | 100.0%           | 100.0%           | 100.0%           | 100.0%           | 100.0%           | 100.0%           | 100.0%           | 100.0%            |                                             |                       |                           |
| <b>ADT<br/>962</b>                                       |  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>85th Percentile</b> 28 MPH               |                       |                           |
|                                                          |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>Mean Speed(Average)</b> 21 MPH           |                       |                           |
| <b>Comments:</b>                                         |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>Median</b> 22 MPH<br><b>Mode:</b> 23 MPH |                       |                           |



| LOCATION: Lawton Rd west of South End Rd          |               |                |                |               |              |          |          |          |          |          |          |          |          |           | QC JOB #: 14507858 |               |                   |
|---------------------------------------------------|---------------|----------------|----------------|---------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|--------------------|---------------|-------------------|
| SPECIFIC LOCATION: Lawton Rd west of South End Rd |               |                |                |               |              |          |          |          |          |          |          |          |          |           | DIRECTION: WB      |               |                   |
| CITY/STATE: Clackamas, OR                         |               |                |                |               |              |          |          |          |          |          |          |          |          |           | DATE: Sep 26 2017  |               |                   |
| Start Time                                        | 1<br>15       | 16<br>20       | 21<br>25       | 26<br>30      | 31<br>35     | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total              | Pace<br>Speed | Number<br>in Pace |
| 12:00 AM                                          | 1             | 1              | 2              | 0             | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 4                  | 16-25         | 3                 |
| 1:00 AM                                           | 1             | 0              | 1              | 0             | 1            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 3                  | 16-25         | 1                 |
| 2:00 AM                                           | 0             | 0              | 2              | 0             | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2                  | 16-25         | 2                 |
| 3:00 AM                                           | 0             | 0              | 0              | 0             | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0                  | 1-10          | 0                 |
| 4:00 AM                                           | 1             | 1              | 0              | 0             | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2                  | 15-24         | 1                 |
| 5:00 AM                                           | 0             | 1              | 2              | 1             | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 4                  | 21-30         | 3                 |
| 6:00 AM                                           | 6             | 2              | 4              | 0             | 1            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 13                 | 16-25         | 6                 |
| 7:00 AM                                           | 15            | 6              | 8              | 5             | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 34                 | 16-25         | 14                |
| 8:00 AM                                           | 6             | 8              | 17             | 1             | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 32                 | 16-25         | 24                |
| 9:00 AM                                           | 6             | 5              | 16             | 4             | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 31                 | 16-25         | 21                |
| 10:00 AM                                          | 4             | 8              | 9              | 3             | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 24                 | 16-25         | 17                |
| 11:00 AM                                          | 9             | 18             | 29             | 6             | 1            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 63                 | 16-25         | 46                |
| 12:00 PM                                          | 2             | 13             | 32             | 9             | 1            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 57                 | 16-25         | 45                |
| 1:00 PM                                           | 0             | 7              | 28             | 14            | 1            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 50                 | 21-30         | 41                |
| 2:00 PM                                           | 10            | 11             | 32             | 17            | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 70                 | 21-30         | 49                |
| 3:00 PM                                           | 7             | 13             | 45             | 17            | 3            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 85                 | 21-30         | 62                |
| 4:00 PM                                           | 7             | 13             | 35             | 25            | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 80                 | 21-30         | 60                |
| 5:00 PM                                           | 7             | 15             | 49             | 23            | 4            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 98                 | 21-30         | 71                |
| 6:00 PM                                           | 14            | 19             | 34             | 15            | 1            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 83                 | 17-26         | 52                |
| 7:00 PM                                           | 5             | 14             | 25             | 6             | 1            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 51                 | 16-25         | 39                |
| 8:00 PM                                           | 2             | 7              | 30             | 7             | 3            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 49                 | 21-30         | 37                |
| 9:00 PM                                           | 4             | 3              | 14             | 5             | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 26                 | 21-30         | 19                |
| 10:00 PM                                          | 1             | 2              | 5              | 4             | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 12                 | 21-30         | 9                 |
| 11:00 PM                                          | 0             | 3              | 8              | 1             | 1            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 13                 | 16-25         | 11                |
| Day Total                                         | 108           | 170            | 427            | 163           | 18           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 886                | 16-25         | 597               |
| Percent                                           | 12.2%         | 19.2%          | 48.2%          | 18.4%         | 2.0%         | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |                    |               |                   |
| ADT<br>886                                        |               |                |                |               |              |          |          |          |          |          |          |          |          |           |                    |               |                   |
| AM Peak<br>Volume                                 | 7:00 AM<br>15 | 11:00 AM<br>18 | 11:00 AM<br>29 | 11:00 AM<br>6 | 1:00 AM<br>1 |          |          |          |          |          |          |          |          |           | 11:00 AM<br>63     |               |                   |
| PM Peak<br>Volume                                 | 6:00 PM<br>14 | 6:00 PM<br>19  | 5:00 PM<br>49  | 4:00 PM<br>25 | 5:00 PM<br>4 |          |          |          |          |          |          |          |          |           | 5:00 PM<br>98      |               |                   |
| Comments:                                         |               |                |                |               |              |          |          |          |          |          |          |          |          |           |                    |               |                   |

|                                                          |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   |                                             |                       |                           |
|----------------------------------------------------------|------------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|---------------------------------------------|-----------------------|---------------------------|
| <b>LOCATION:</b> Lawton Rd west of South End Rd          |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>QC JOB #:</b> 14507858                   |                       |                           |
| <b>SPECIFIC LOCATION:</b> Lawton Rd west of South End Rd |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>DIRECTION:</b> WB                        |                       |                           |
| <b>CITY/STATE:</b> Clackamas, OR                         |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>DATE:</b> Sep 26 2017 - Sep 26 2017      |                       |                           |
| <b>Start Time</b>                                        | <b>1<br/>15</b>                                                                    | <b>16<br/>20</b> | <b>21<br/>25</b> | <b>26<br/>30</b> | <b>31<br/>35</b> | <b>36<br/>40</b> | <b>41<br/>45</b> | <b>46<br/>50</b> | <b>51<br/>55</b> | <b>56<br/>60</b> | <b>61<br/>65</b> | <b>66<br/>70</b> | <b>71<br/>75</b> | <b>76<br/>999</b> | <b>Total</b>                                | <b>Pace<br/>Speed</b> | <b>Number<br/>in Pace</b> |
| <b>Grand Total</b>                                       | 108                                                                                | 170              | 427              | 163              | 18               | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                 | 886                                         | 16-25                 | 597                       |
| <b>Percent</b>                                           | 12.2%                                                                              | 19.2%            | 48.2%            | 18.4%            | 2.0%             | 0.0%             | 0.0%             | 0.0%             | 0.0%             | 0.0%             | 0.0%             | 0.0%             | 0.0%             | 0.0%              |                                             |                       |                           |
| <b>Cumulative<br/>Percent</b>                            | 12.2%                                                                              | 31.4%            | 79.6%            | 98.0%            | 100.0%           | 100.0%           | 100.0%           | 100.0%           | 100.0%           | 100.0%           | 100.0%           | 100.0%           | 100.0%           | 100.0%            |                                             |                       |                           |
| <b>ADT<br/>886</b>                                       |  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>85th Percentile</b> 26 MPH               |                       |                           |
|                                                          |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>Mean Speed(Average)</b> 20 MPH           |                       |                           |
| <b>Comments:</b>                                         |                                                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   | <b>Median</b> 21 MPH<br><b>Mode:</b> 23 MPH |                       |                           |

