［8i8 PTV Vissim（ $\times 644$ ）8．00－15－Network：C：IUsersltoddrlDocuments\VIISSIMThe Orchard＿2．inpx
File Edit View Lists Base Data Traffic Signal Control Simulation Evaluation Presentation Test Scripts Help


## Network Objects

| （50） | Desired Speed Decisions |  |
| :---: | :---: | :---: |
| $\triangle$ | Reduced Speed Areas |  |
| \％ | Confict Areas | 1 |
| $\nabla$ | Priority Rules | $1]$ |
| （1） | Stop Signs | 1 |
| － | Signal Heads | 1 |
| $\square$ | Detectors | $\square$ |
| 0 | Vehicle Inputs | 1 |
| $\xrightarrow{+}$ | Vehicle Routes | $\square$ |
| P | Parking Lots | $\square$ |
| 行 | Public Transport Stops | $\square$ |
| 退 | Public Transport Lines | $\square$ |
| K | Nodes | $\square$ |
| ［11110 | Data Collection Points | 1 |
| ※ | Vehicle Travel Times |  |
| A | Queue Counters | 1 |
| ［］ | Sections | $\square$ |
| \％ | Background Images |  |
| ＊ | Pavement Markings |  |
| ${ }^{\text {A }}$ | 30 Traffic Signals | Ю |
| － | Static 3D Models |  |
| 8 | Vehicles in Network | III |
| d | Pedestrians in Network | III |
| $\square$ | Areas | II |
| 臣 | Obstacles | III |
| 4her | Ramps \＆Stairs | III |
| $\dot{1}$ | Pedestrian Inputs | $\bullet$ |
| ¢ | Pedestrian Routes | $\bullet$. |
|  | Perlestrian Travel | $\bigcirc$ |

## Vehicle Network Performance Evaluation Results

## 




## Simulation Runs Vehicle Network Performance Evaluation Results Stop Signs Links／Lanes Vehicle Compositions／Relative Flows Vehicle Inputs／Vehicle Volumes By Time Interval

## Network Editor

Reduced Speed Areas
Confilt Areas
Confict Areas Priority Rules
Stop Signs
Signal Heads
Detectors

Vehicle Routes
Parking Lots

| Parking Lots |
| :--- |
| Public Transport Stops |

Public Transport Lines
$\qquad$
Data Collection Points
Vehicle Travel Times
Queue Counters

## Vehicle Network Performance Evaluation Results

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$\begin{array}{llllllllllllllllll}-11 & 0.3600 & 2.02 & 0.20 & 23.40 & 0.03 & 36.00 & 5538.60 & 529.68 & 52 & 7.50 & 0 & 262 & 12.10 & 0.00\end{array}$

Simulation Runs Vehicle Network Performance Evaluation Results Stop Signs Links／Lanes Vehicle Compositions／Relative Flows $\operatorname{Vehicle~Inputs/Vehicle~Volumes~By~Time~Interval~}$


# The Orchard Model－with installed speed hump and stop sign 

Speed Hump（12 ft）： 15 mph
Stop Sign：E．Wainscot and Orchard Spring Way
With one additional stop sign，average speed is 19.99 mph ． The stop sign reduces average speed by approximately 3.5 mph ．

The single additional stop sign at this location has the largest impact on reducing average speed in the network；link speed data and other metrics are available．

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\begin{aligned}
& \begin{array}{llllllllllllllllll}
11 & 0-3600 & 5.58 & 0.65 & 19.99 & 0.10 & 35.98 & 6479.90 & 1463.05 & 170 & 26.91 & 0 & 262 & 20.20 & 0.00 \\
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\end{array}
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## Network Objects

Network Editor

Reduced Speed Areas


| Areas | $\square 1$ |
| :---: | :---: |
| Obstacles | III |
| Ramps \& Stairs | III |
| Pedestrian Inputs | $\bullet$ |
| Pedestrian Routes | $\bullet$ | | Perlestrian Travel Times |
| :--- |


[^0]:    Simulation Runs Vehicle Network Performance Evaluation Results Stop Signs Links／Lanes Vehicle Compositions／Relative Flows Vehicle Inputs／Vehicle Volumes By Time Interval

