CE 474 - Class 14

September 24, 2015

## For next time...

- Read: Chapter 6 overview
- Read: A30; complete CTQ and hand in on Monday (Q1, Q3, Q4, Q9 only)
- Your network should be completed in lab today and reviewed by me or Ben before your leave; the deliverables (spreadsheet and VISSIM files in a zip folder) should be available in class on Monday and submitted to BBLearn by Monday at 200 pm.



## **Building a Simulation Model Network**

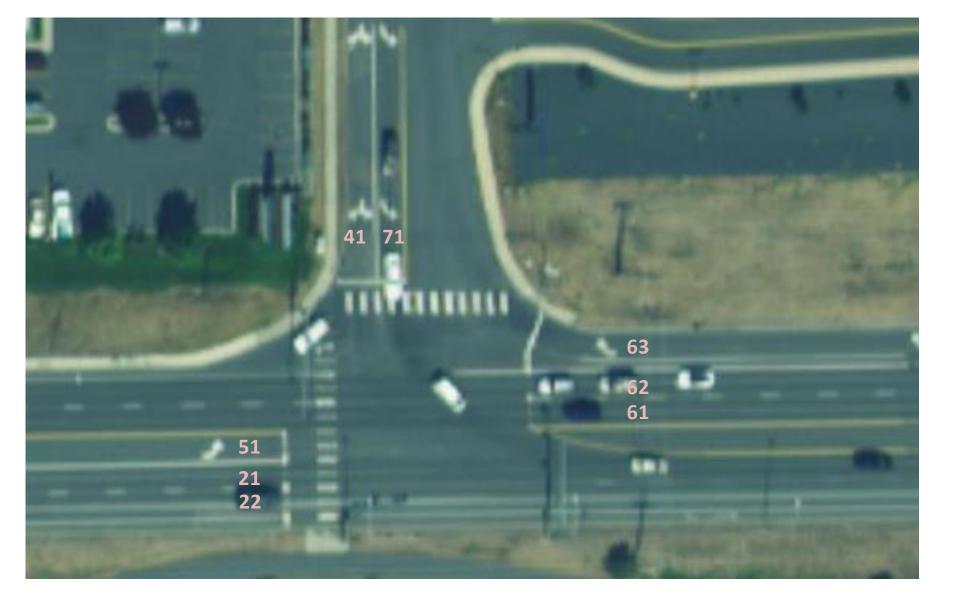


Group	Team	Name	Intersection	Network
А	2	Morris Cornwell Keller	SH 8/Warbonnet	1
В	3	Hartzell LeCates Landa	Palouse River Drive	5
С	5	Larrea Cupps		
	6	Saras Skinner	SH 8/Line	2
D	7	Scheel Kury Geibel	US 95/Sweet	4
E	9	Bode Hale	CII O/Dlaina	2
	10	Dashti Maffey	SH 8/Blaine	3
F	12	Almakrab Crow Elmore	SH 8/Warbonnet	1
G	13	Ryu Alrashdi	CU 0/Lina	2
	14	Bernauer Taylor-Stiffarm	SH 8/Line	2

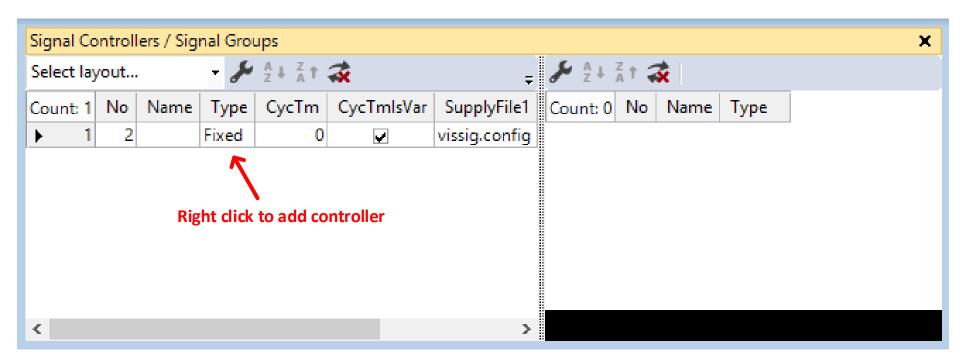
## **Building a Simulation Model Network**

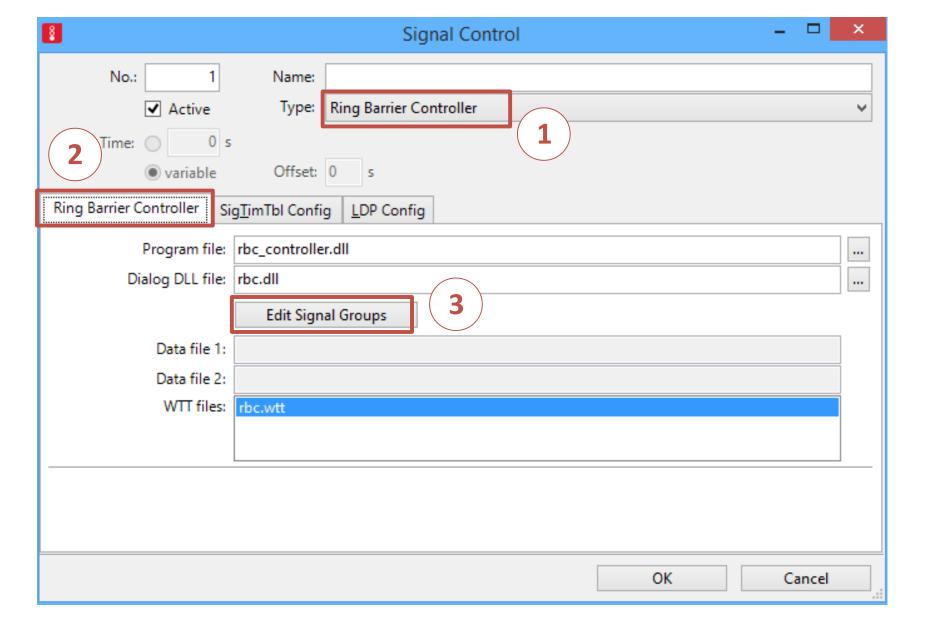


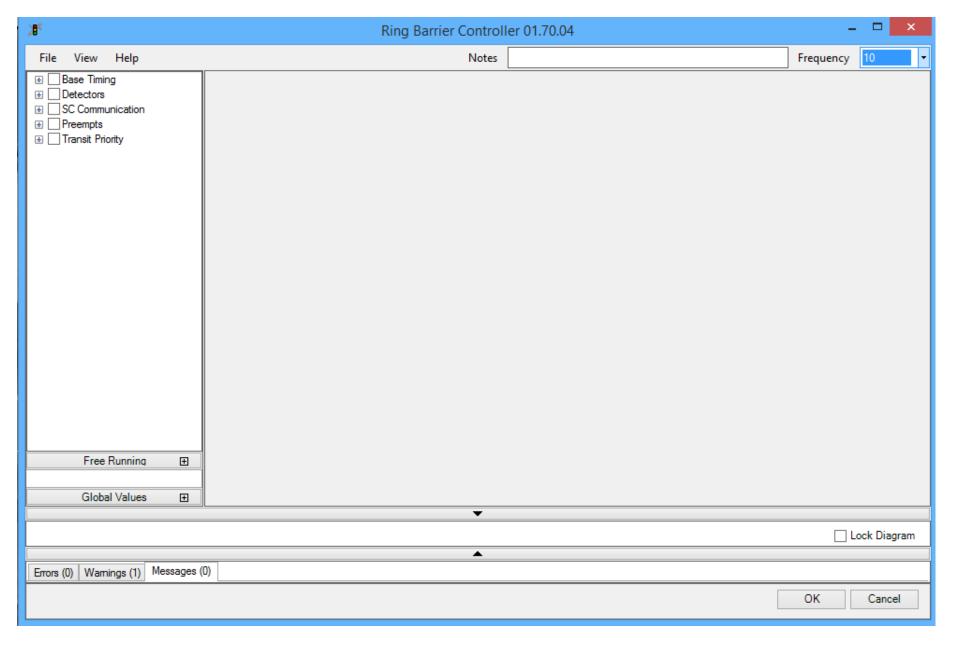
- 1. Download network and unzip contents to local drive
- 2. Begin tutorial steps and build your network!

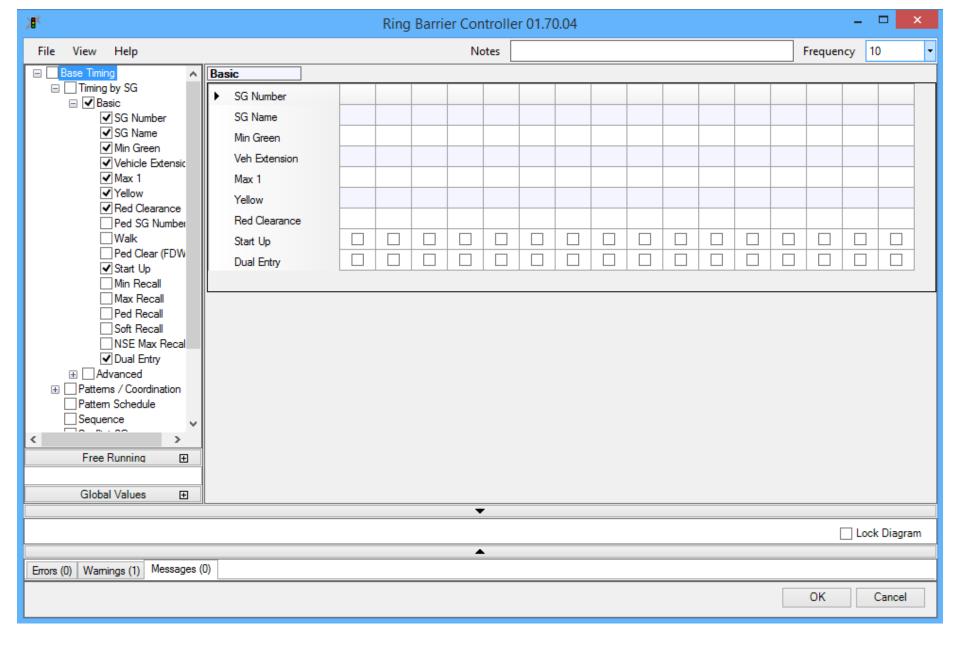


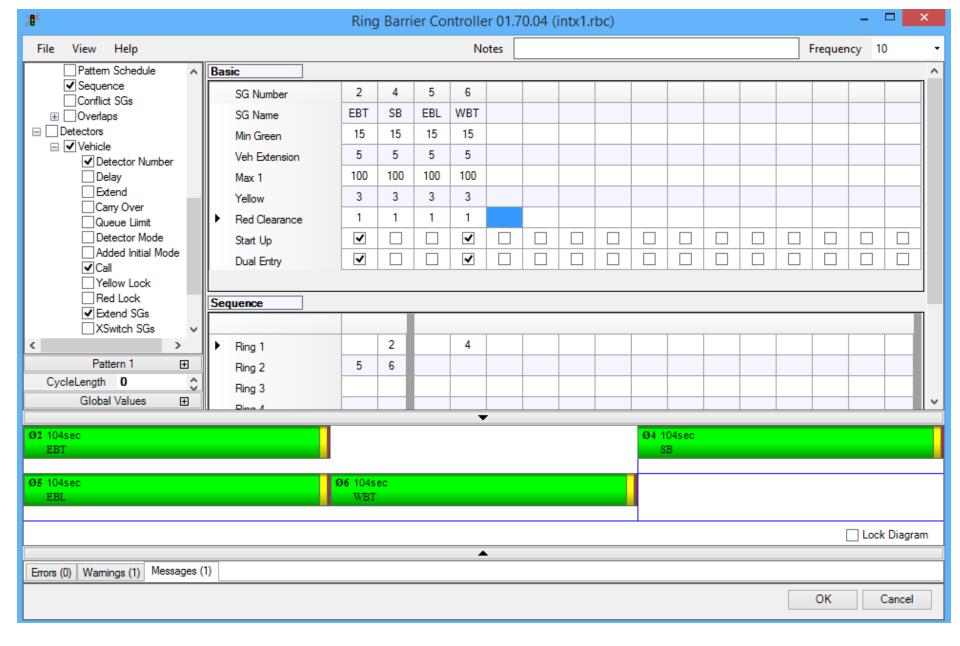


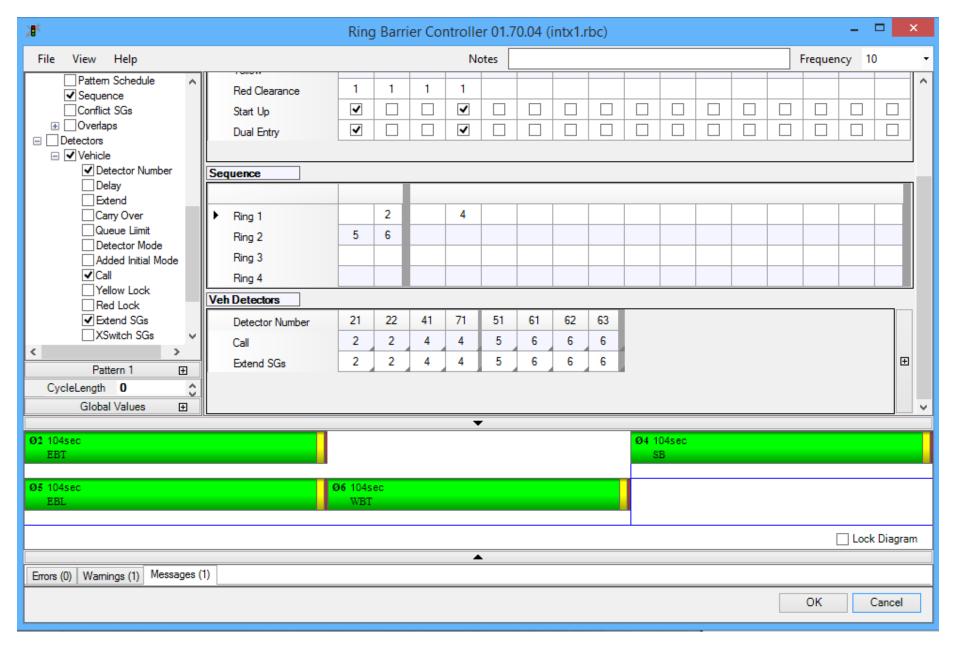


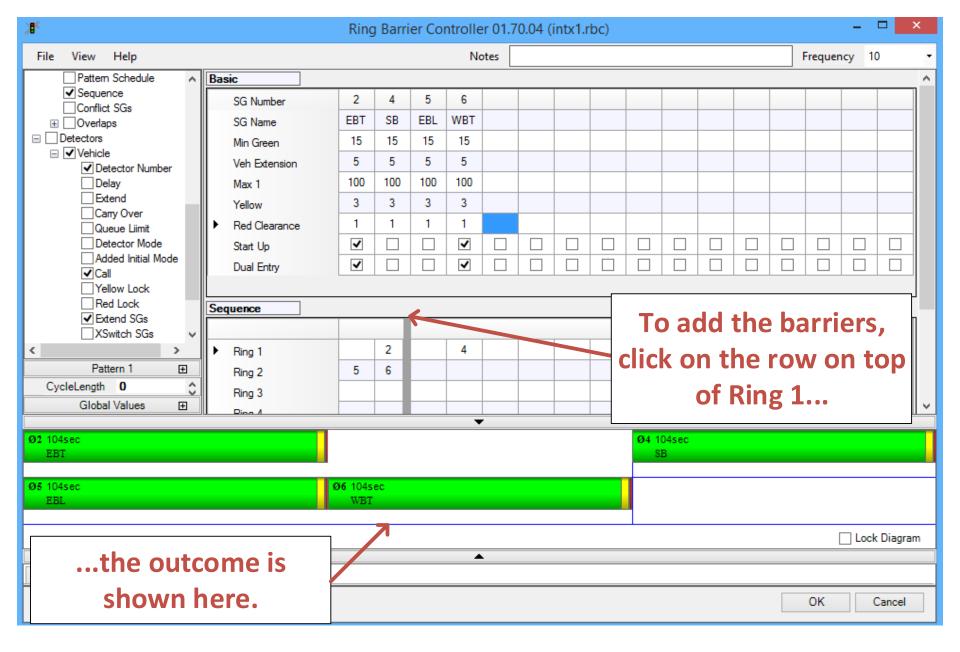


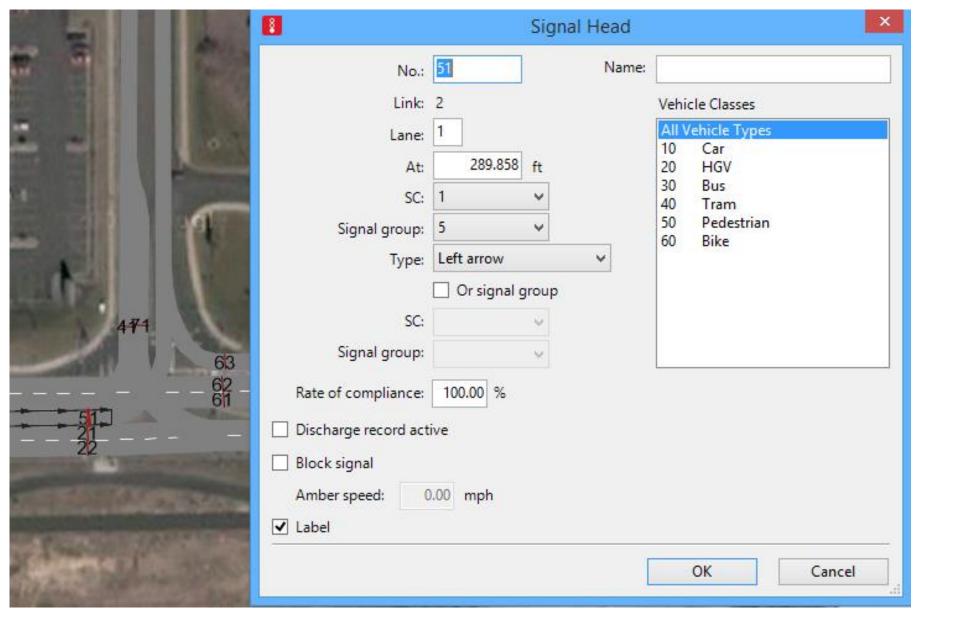


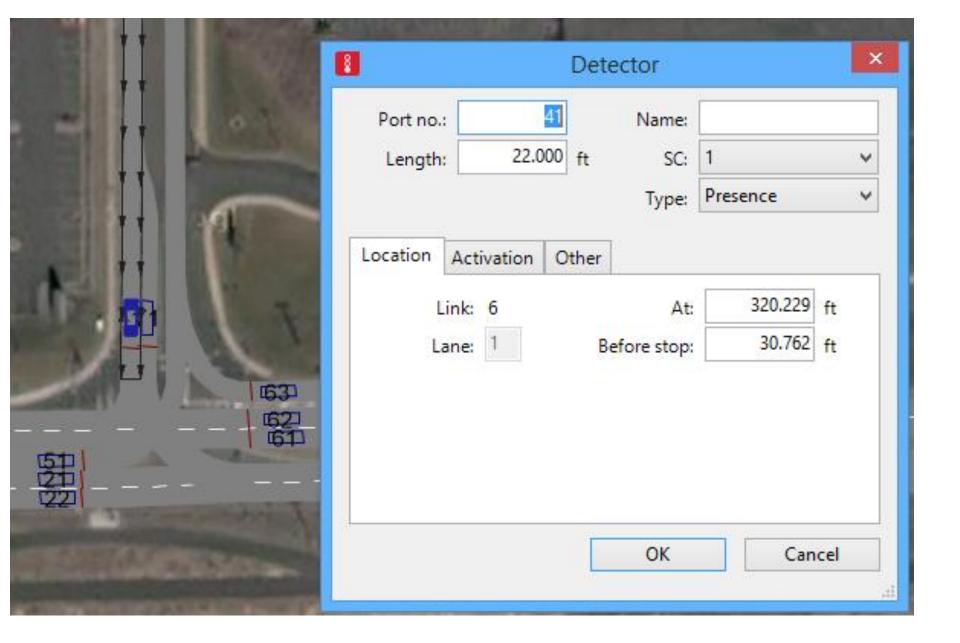


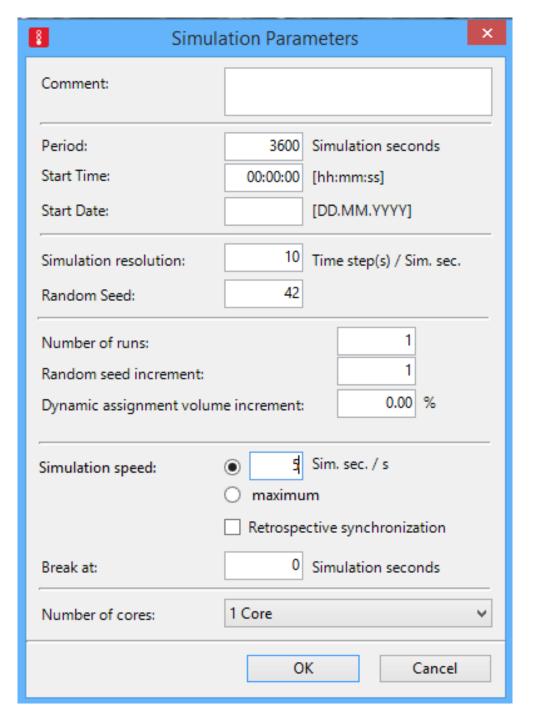


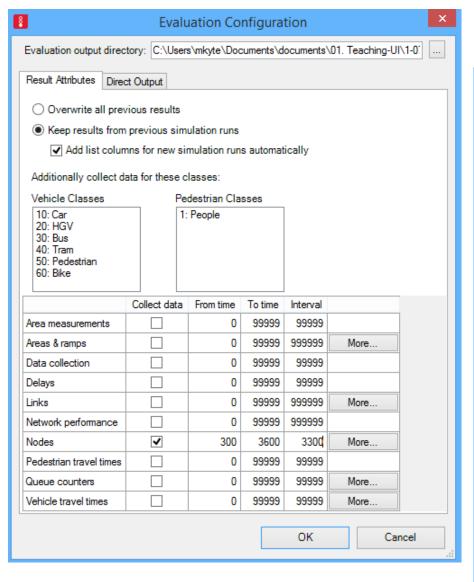




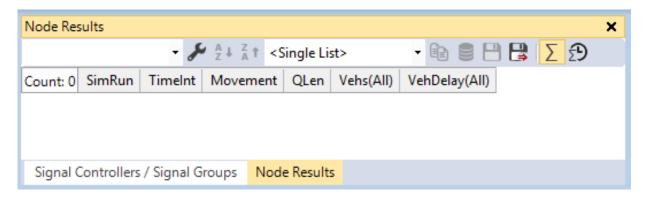


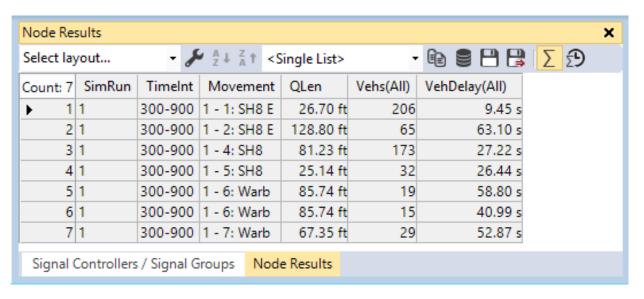




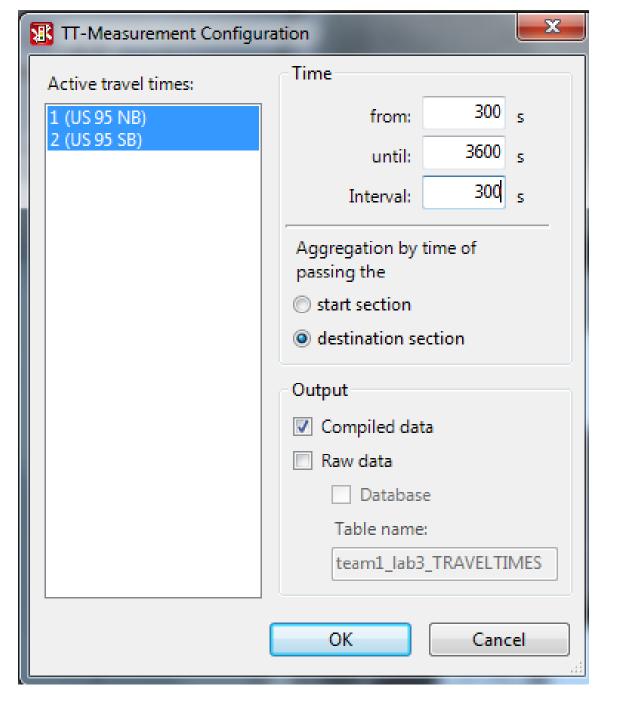


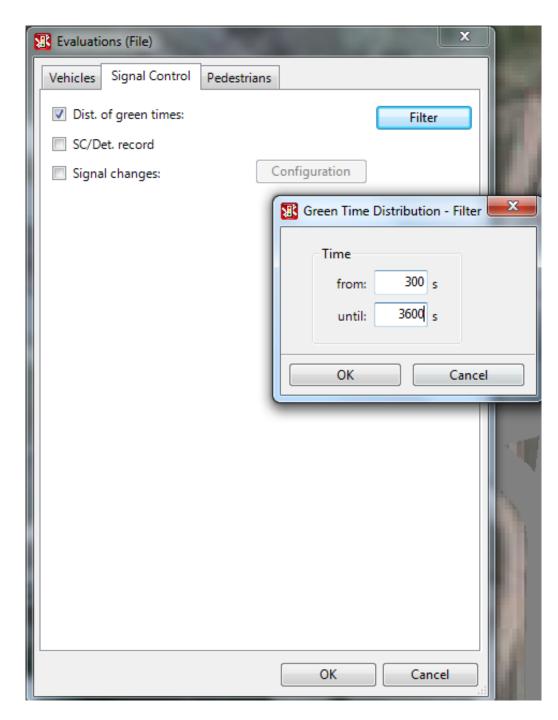
<b>₿</b>	valuation Configuration									
Evaluation output directory: c:\users\mkyte\documents\documents\01. teaching-ui\1-079										
Result Attributes Direct Output										
	Write to file	Write database	From time	To time						
Area measurements (raw data)			0	99999						
Convergence										
Data collection (raw data)	~		0	900						
Discharge record			0	99999						
Green time distribution	✓		0	99999						
Lane changes			0	99999	More					
Managed lanes										
Nodes (raw data)	~		0	900	More					
Pedestrian record			0	99999	More					
Pedestrian travel time (OD data)			0	99999	More					
Pedestrian travel time (raw data)			0	99999						
Public transport waiting times										
Signal changes										
Signal control detector record										
SSAM										
Vehicle input data										
Vehicle record			0	99999	More					
Vehicle travel times (raw data)			0	99999						
			ОК		Cancel .:					



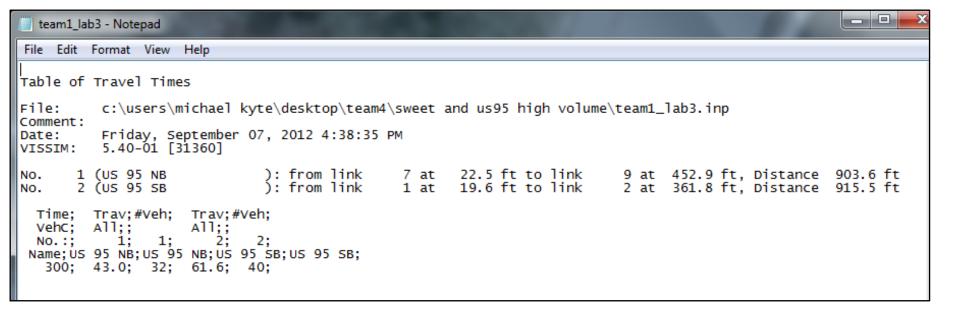


```
SC 1, Average Green Times:
Signal group; t;
2; 91.7;
4; 32.2;
5; 26.0;
6; 67.3;
```



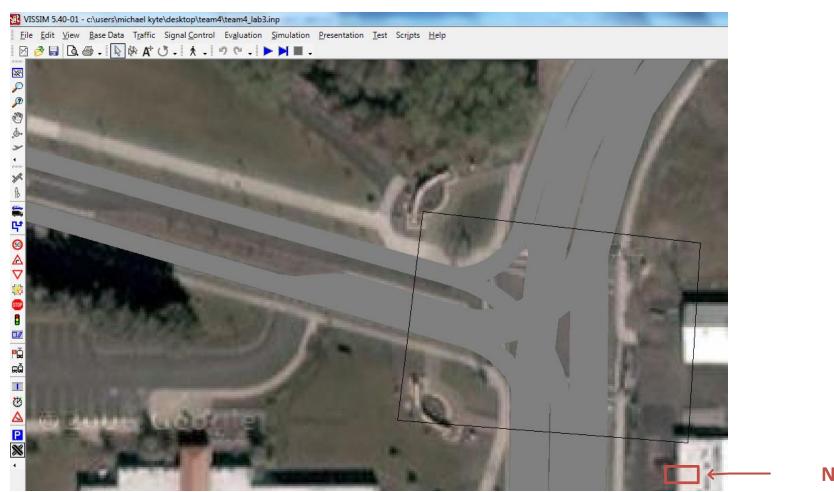


```
team1 lab3 - Notepad
File Edit Format View Help
Node evaluation
File:
          c:\users\michael kyte\desktop\team4\sweet and us95 high volume\team1_lab3.inp
Comment:
          Friday, September 07, 2012 4:38:35 PM
Date:
VISSIM:
          5.40-01 [31360]
Node 1
Movement: Movement (Bearing from-to)
Node: Node Number
aveQueue: Average Queue Length [ft]
Delay(All): Average delay per vehicle [s], All Vehicle Types
Movement; Node; aveQueue; Delay(All);
     N-5;
             1;
                     86.4;
                                  42.2;
     W-S;
             1;
                    126.2;
                                  26.4;
     W-N;
             1;
                    126.2;
                                  20.2;
                      7.1;
                                  38.3;
     W-N;
             1;
             1;
                     36.7;
     N-W;
                                  28.3;
                     31.0;
                                  21.8:
     5-N;
             1;
     5-W;
             1;
                     59.6;
                                  72.0;
     A11;
             1;
                     67.6;
                                  34.4;
     A11;
             0;
                     67.6;
                                  34.4;
```



```
team1_lab3 - Notepad
File Edit Format View Help
Distribution of Signal Times
          c:\users\michael kyte\desktop\team4\sweet and us95 high volume\team1_lab3.inp
File:
Comment:
          Friday, September 07, 2012 4:39:06 PM
Date:
          5.40-01 [31360]
VISSIM:
Time: 0.0 - 300.0
SC 1, Average Green Times:
   Signal group;
                       58.5;
                       57.0;
                       20.5;
                       48.5;
                       57.0;
```

```
SC 1, Signal group 2, Green Times: (Mean: 58.5)
14
103 1 *
SC 1, Signal group 2, Red Times: (Mean: 41.3)
 0
28 1 *
96 1
SC 1, Signal group 3, Green Times: (Mean: 57.0)
23
91
SC 1, Signal group 3, Red Times: (Mean: 63.5)
19
108
```



Node

