*Notes from Oct 6th*

Class & Function Possibilities

INTID: College & Horsetooth

Recommend these Lanes, a 4 ways stop strait through. NBT, SBT, WBT, EBT.

Class Movement (Line 11 [Speed])

Class acceleration

Class deceleration

Class Roads (Line 4 [lanes], Line 29 [Distance])

Map on x,y coordinate plane?

Traffic (Line 21[Total Volume])

Class TransMode

Class TransMode (Line 22[Peds], Line 23 [bikes], Heavyvhicles[line 26])

Email Joe questions in green

· StLanes- what does this mean. Row 9 column D-f

· Travel time Line 30, to the next one or from the last one.

*Jackie and Andrew’s notes, comments, and definitions of the google document spreadsheet we developed on Oct 9th.*

**Data Analysis Notes:**

The data group has created a copy of the Master dataset sent by the city. We have created separate sheets with network data and the five different sections of intersection data: Network Settings, Node Data, Link Data, Lane Data, Timing Plan Settings, Phasing Data. As we work through the data, the variables we understand are highlighted in **bold**. Other data may be relevant as well. We will contact the city to clarify the other variables.

We have data only for 4:30 pm. on August 9, 2012. (Network Settings ScenarioDate & ScenarioTime)

Data Group Action Plan

1. GitHub: Post spreadsheet and notes to GitHub (Andrew, Jackie)
2. Data Input: Continue development of program to parse data (place data in accessible variables) for other groups. (David, Wes, Jackie)

**Spread Sheet Notes**

*These are the notes for the individual spreadsheets*

Sheet Title: Intersection ID

Line Numbers: n/a

Note: This sheet correlates intersections ID numbers to road names. The same information is located in the MASTER Sheet in link Data name field.

Sheet Title: PM 2016 (MASTER)

Lines Number: 1-27780

Notes: This is the total data sent to us by the city.

Sheet Title: Network Settings

Line Number: 1-24

Notes: This section applies to entire dataset.

Column Headers:

RECORDNAME DATA

Row Headers:

[Network]

Network Settings

RECORDNAME

UTDFVERSION

Metric

yellowTime

allRedTime

Walk

DontWalk

HV

PHF

DefWidth

DefFlow

**vehLength**

**heavyvehlength**

criticalgap

followuptime

stopthresholdspeed

criticalmergegap

growth

**PedSpeed**

LostTimeAdjust

**ScenarioDate**

**ScenarioTime**

—————————

Sheet Title: Node Data

Lines Numbers: 26-527

Notes: We currently don’t know what this data represents.

Column Headers:

INTID TYPE X Y Z DESCRIPTION CBD Inside Radius Outside Radius Roundabout Lanes Circle Speed

Row Headers: INTID

Sheet Title: Link Data

Line Numbers: 529-10511

Column Headers

RECORDNAME INTID NB SB EB WB NE NW SE SW

Row Headers

**Up ID**

**Lanes**

**Name**

**Distance**

**Speed**

Time

Grade

Median

Offset

TWLTL

**Crosswalk Width**

Mandatory Distance

Mandatory Distance2

Positioning Distance

Positioning Distance2

Curve Pt X

Curve Pt Y

Curve Pt Z

Link Is Hidden

Street Name Is Hidden

Sheet Title: Lane Data

Line Numbers: 10513-21344

Column Headers: These are acronyms for lane direction.

RECORDNAME INTID NBL2 NBL NBT NBR SBL SBT SBR EBL EBT EBR WBL WBT WBR NEL NET NER NWL NWT NWR SEL SET SER SER2 SWL SWT SWR PED HOLD

Example

SBL: Southbound Left

SBT: Southbound Through

SBR: Southbound Right

Row Headers:

**Up Node**

**Dest Node**

**Lanes**

Shared

**Width**

Storage

Taper

StLanes

Grade

**Speed**

Phase1

PermPhase1

LostTime

Lost Time Adjust

IdealFlow

SatFlow

SatFlowPerm

Allow RTOR

SatFlowRTOR

**Volume**

**Peds**

**Bicycles**

PHF

Growth

**HeavyVehicles**

**BusStops**

Midblock

**Distance**

TravelTime

Right Channeled

Alignment

Enter Blocked

HeadwayFact

Turning Speed

FirstDetect

LastDetect

DetectPhase1

DetectPhase2

DetectPhase3

DetectPhase4

SwitchPhase

numDetects

DetectPos1

DetectSize1

DetectType1

DetectExtend1

DetectQueue1

DetectDelay1

Exit Lanes

CBD

Lane Group Flow

Sheet Title: Timing Plan Settings

Line Numbers: 21345-23240

Column Headers:

RECORDNAME INTID DATA

Row Headers:

Control Type

Cycle Length

Lock Timings

Referenced To

Reference Phase

Offset

Master

Yield

Node 0

Node 1

Sheet Title: Phasing Data

Line Numbers: 23242-27780

Column Headers: We do not know what these column headings mean.

RECORDNAME INTID D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D14

Row Headers:

BRP

MinGreen

MaxGreen

VehExt

TimeBeforeReduce

TimeToReduce

MinGap

Yellow

AllRed

Recall

Walk

DontWalk

PedCalls

MinSplit

DualEntry

InhibitMax

Start

End

Yield

Yield170

LocalStart

LocalYield

LocalYield170

ActGreen