

UCI 10 Sign Install

3/28/17



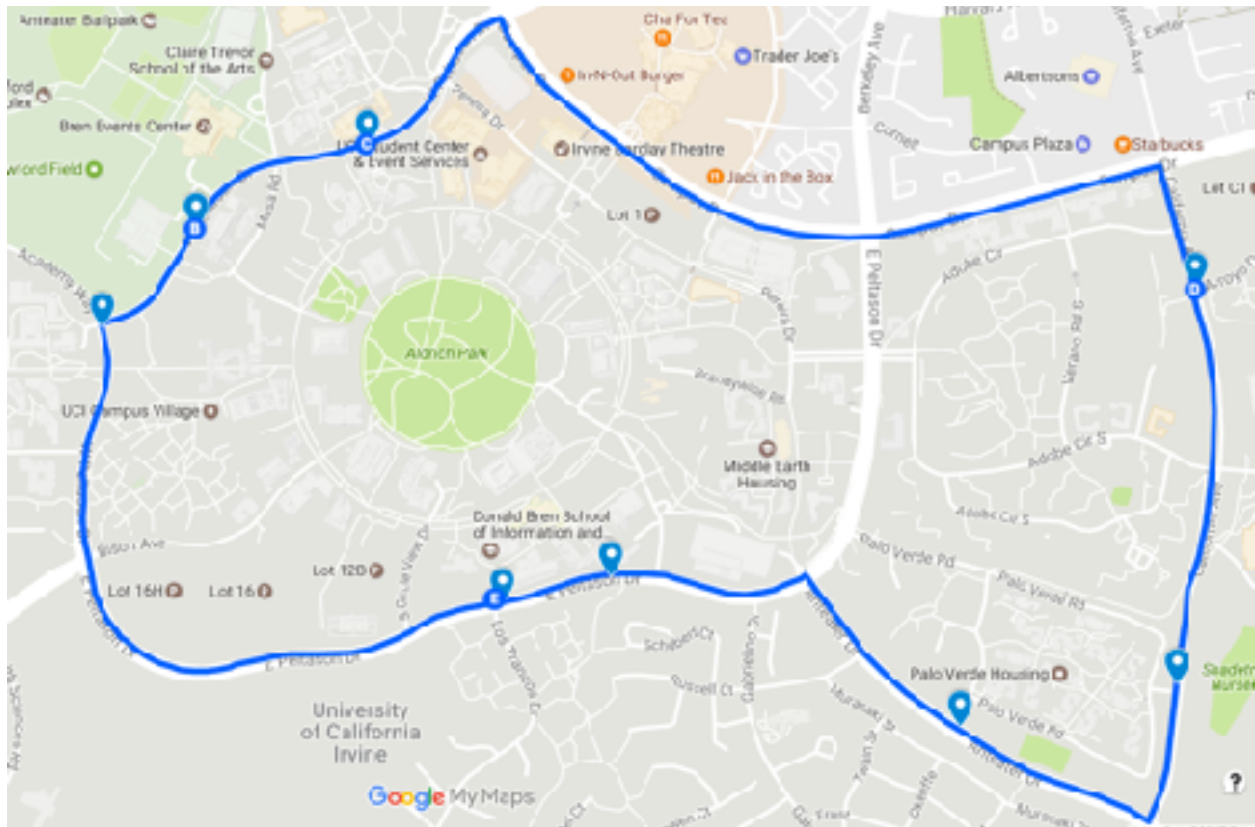
Google Maps for UCI's Bus M-Route

https://www.ucishuttles.com/map?showHeader=0&silent_disable_timeout=1&route=176

Google Maps Link to Where Signs are located

<https://www.google.com/maps/d/u/0/viewer?mid=1yg5DLrkiRH4Lcl1wWCEG1cCLp9M&ll=33.64482154281814%2C-117.83890371838447&z=16>

<https://www.google.com/maps/d/u/0/viewer?mid=1yg5DLrkiRH4Lcl1wWCEG1cCLp9M&ll=33.64482154281814%2C-117.83890371838447&z=16>



Project Description

SinWaves is putting its first set of devices on a number of key intersection that the University of Irvine M-Line Bus route. Four of the busses that run this route are outfitted with data collection units that ping the Road Side Units (RSU) to get information back. The RSU wirelessly sends data to the Bus Side Units (BSU) which is sent through a cellular link back to a SinWaves for data collection.

The Idea here is to test capabilities of SinWaves First Prototype unit for a number of key design requirements. The data will be shared with UCI's ITS for work on evaluating its impact on roadway design and used in reports that UCI and SinWaves Inc are collaborating on.

#	GPS Lat	GPS Log	Type	Picture
1	33.64702	-117.82953	Stop Sign	1
2	NA	NA	NA	NA
3	33.6412,	-117.82985	Random Sign	2
4	NA	NA	NA	NA
5	33.64056	-117.8337	Street Name	3
6	33.64277	-117.83988	Crossing Sign	4
7	33.64238	-117.84179	Stop Sign	5
8	33.64643	-117.84888	Stop Sign	6
9	33.64789	-117.84721	Bus Stop Sign	7
10	33.64911	-117.84418	RSU	8

Current Status

Due to some technical issues with units 2 and 4 only 8 units are currently on UCI's Campus instead of the intended 8. (4/7/17)

Picture 1, On a a Stop Sign in the center of a 4 way stop intersection. It will passed by the buss when doing loops and will b the left hand turn for end of day runs.





Picture 2

Back of a Keep Right Sign, this is about 2.5ft from the ground and is in a 35mph zone. It will be passed through the day.



Picture 3

This is an interesting intersection overall, it's not a stop, but does have a left hand turn and is on a long sloping hill.



Picture 4

This the cross walk by the engineering building and means that sometimes the buss will stop for people crossing and there times wont have to stop.



Picture 5

A four way stop, that sometimes in mediated by a students during high peak hours to allow traffic to move more smoothly off campus.

This Stop sign will be interesting because sometimes the bus will be stoping right at the sign and other times further back in traffic.



Picture 6
A right hand turn for the bus, this is a good simple test stop sign.



Picture 7
This is a large straight section into a two sided bus stop. Its between a few buildings, has a large walking bridge about 200ft before it, and is an area where a lot of events take place.



Picture 8
Right before turning onto University this is a rich only tune lane that the bus will pass. Its at a large intersection and is right after another foot bridge.