

Walking Through Locative Apps

Design Informatics Research Projects

ONLY GOOD QUALITY SALEABLE
DONATIONS PLEASE



Oxfam

Thank you

FUNDS RAISED WILL SUPPORT
OXFAM PROJECTS WORLDWIDE

IN
BAGS
PLEASE



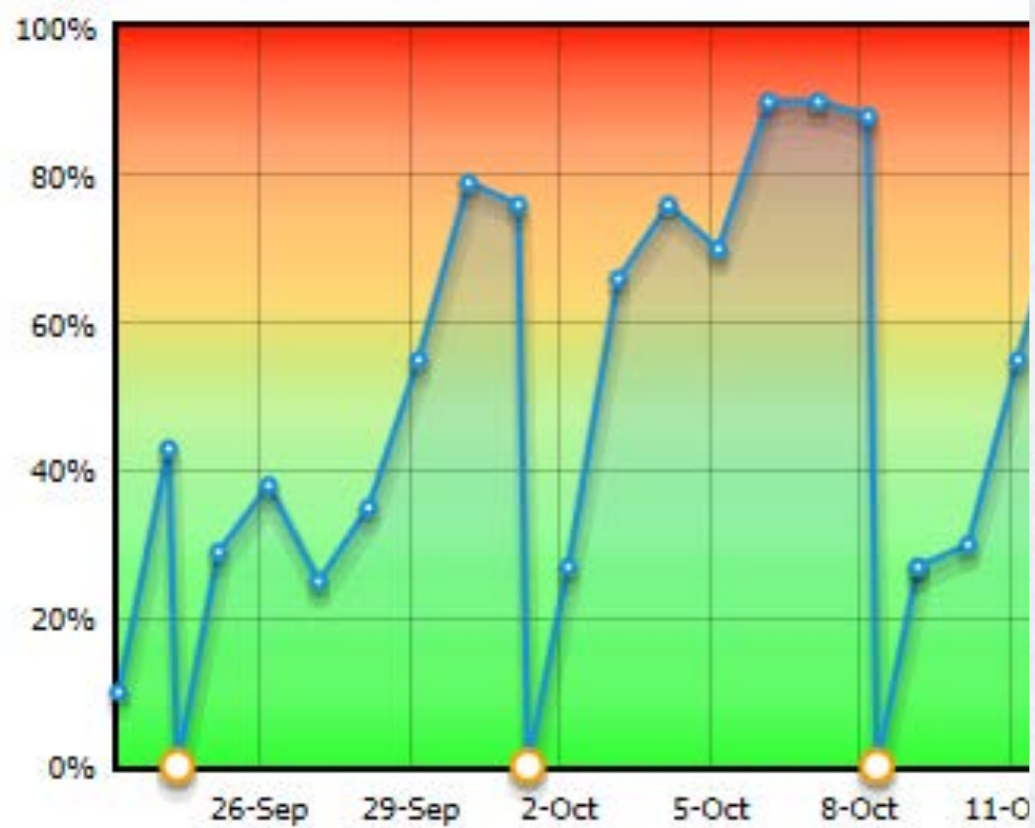
**Clothing
&
Shoe Bank**

WANTED
CLEAN CLOTHING
SHOES IN PAIRS
AND A BRAC

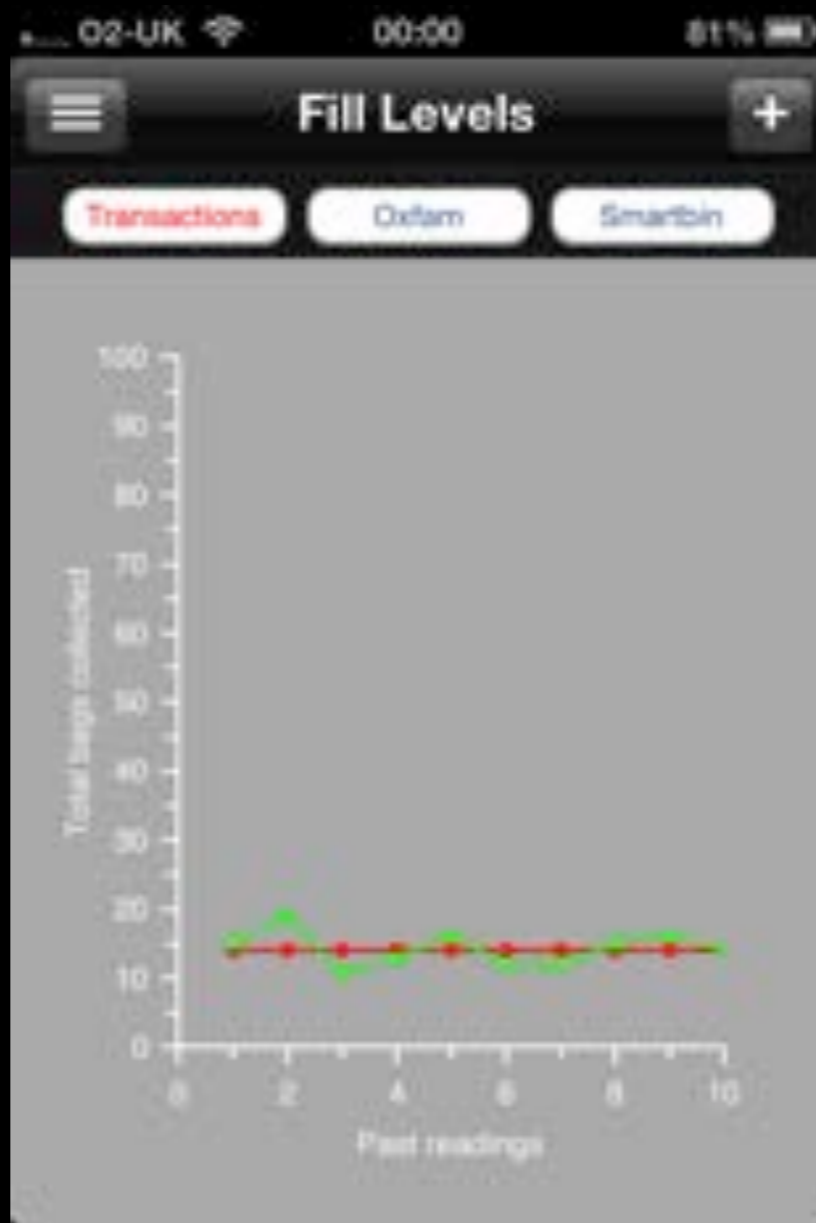
IF YOU HAVE A BAG OF DONATIONS
PLEASE DONATE IT
HERE

Oxfam 6th Sense

Cherrret, Shingleton et al



- Charity logistics is complex involving paid & volunteer staff
- Shops have their own targets but are being encouraged to collaborate
- Donations can be over door, donation banks, house clearances, commercial
- Greater visibility needed of transport and flexibility in servicing
- What if a business social network could see its patterns & transactions across space & time?
- Would managers tap into this network to share stock/transport and realise network opportunities?
- A tool to enable experimentation with space-time relationships, social networks and business collaboration



02-UK 3G 23:23 30%

Collect Stock

Cancel Save

Fill % Before: 0

Comment

Books: 0	-		+
Bric-a-brac: 0	-		+
Clothes: 0	-		+
DVD: 0	-		+
Music: 0	-		+
Video: 0	-		+
Waste: 0	-		+

Stock quality - Poor to Excellent

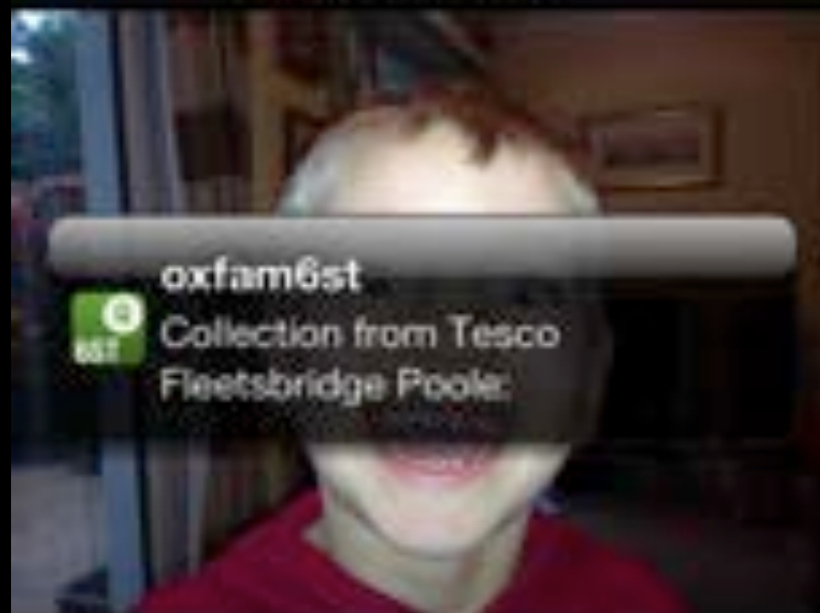
1 2 3 4 5

Fill % After: 0

O2-UK 64%

14:08

Monday 13 May



slide to unlock



vodafone UK 22:55 46%

Cancel

Make a Delivery

Save

Comment

Bags of Books: 0 / 150

- +

Bags of Bric-a-brac: 0 / 1

- +

Bags of Clothes: 0 / 17

- +

Bags of DVD: 0 / 5

- +

Bags of Music: 0 / 0

- +

Bags of Video: 0 / 11

- +

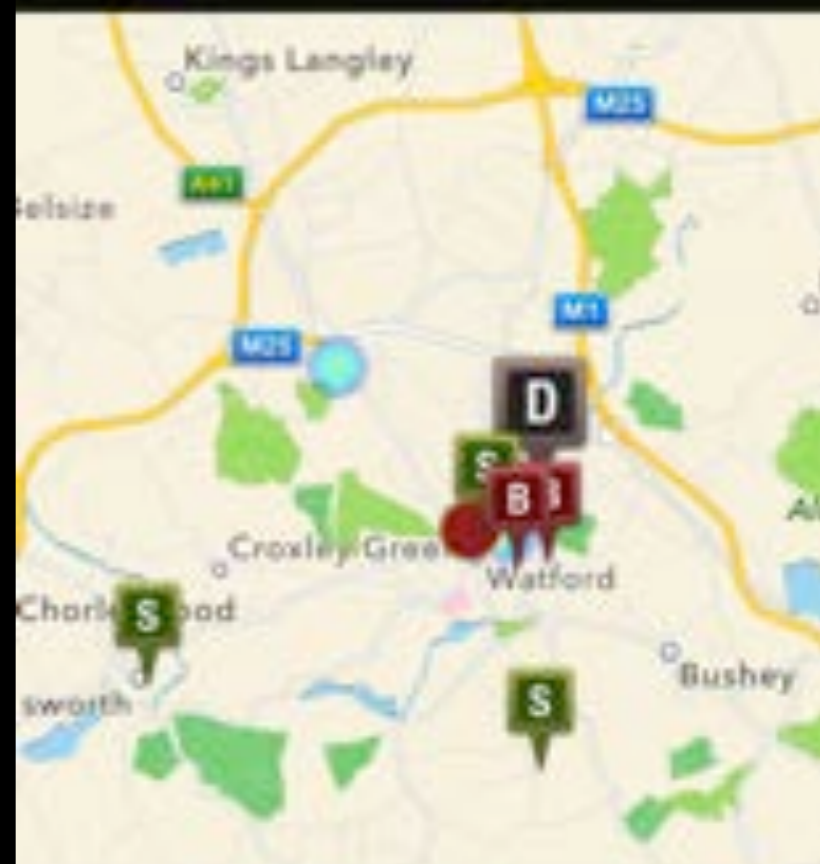
Bags of Waste: 0 / 0

- +

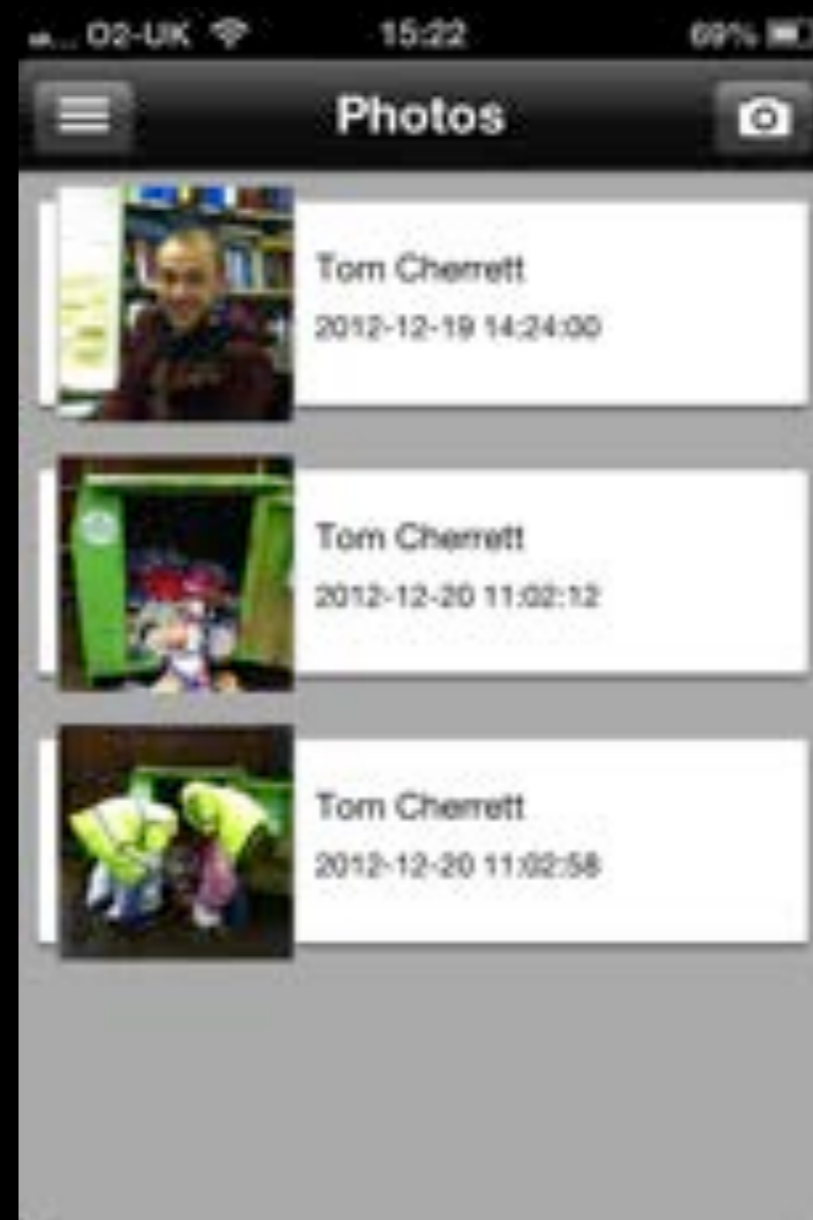
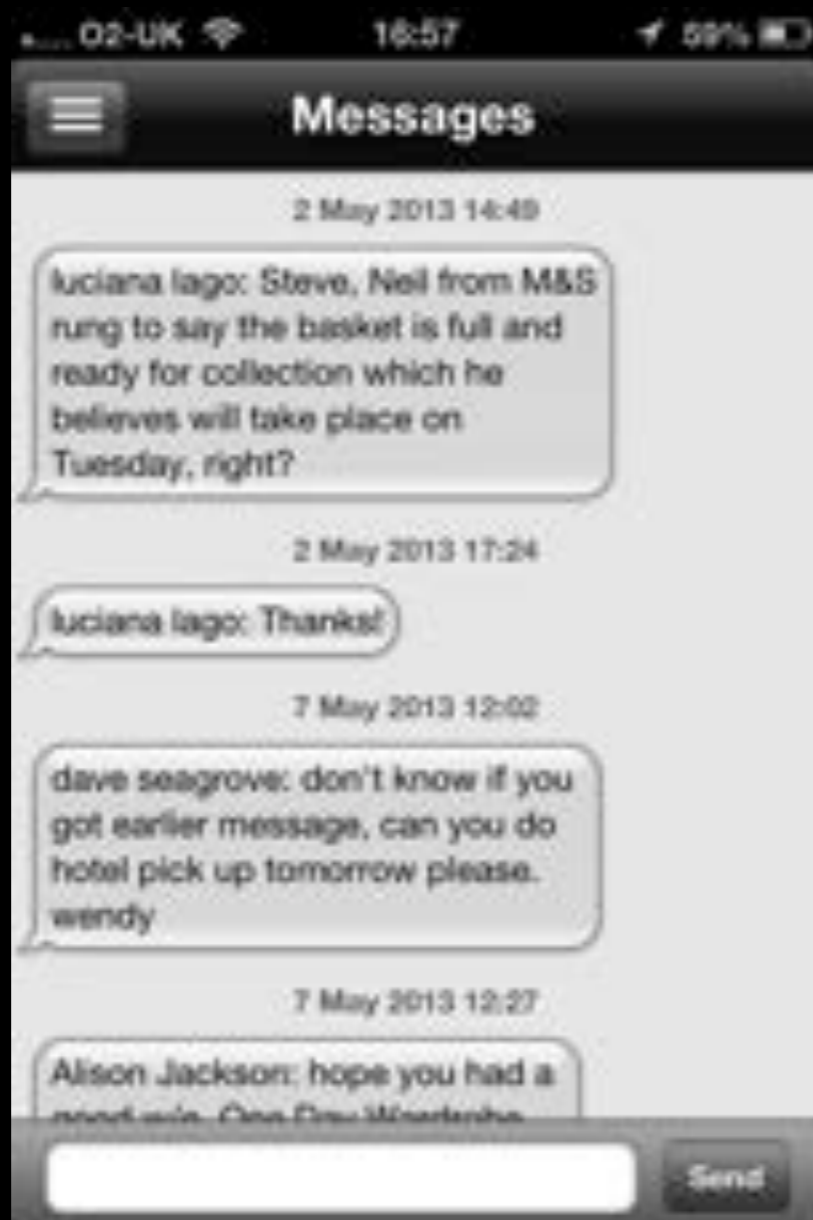
vodafone UK 21:15 90%



Sites



Heatmap Time: 10:00 - 11:00



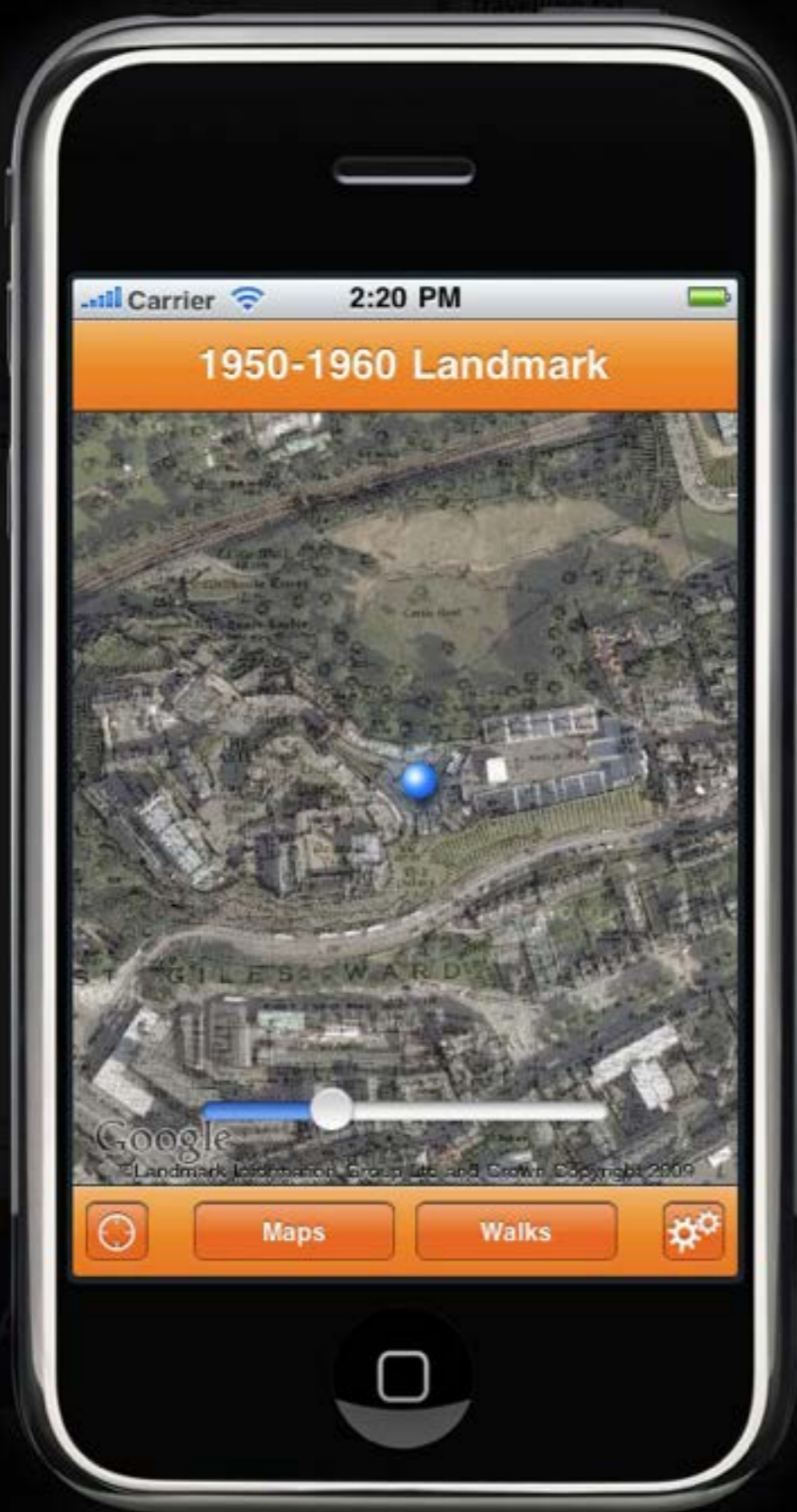
- 407 messages exchanged over 93 days
- 25% of messages sent after 17:00 and 19% after 19:00
- 4/6 managers happy to message out-of-hours (younger smartphone enabled managers more inclined). Personal friendships important factor
- More enquiries in PM, stock management AM
- Planning and/or decision making better informed – 85%
- All but 1 manager agreed that their understanding of how time was used in the business had improved
- 67% managers agreed they had collaborated more
- App can just pass on scheduling problems to other people unless the rules governing its use are not tightly controlled



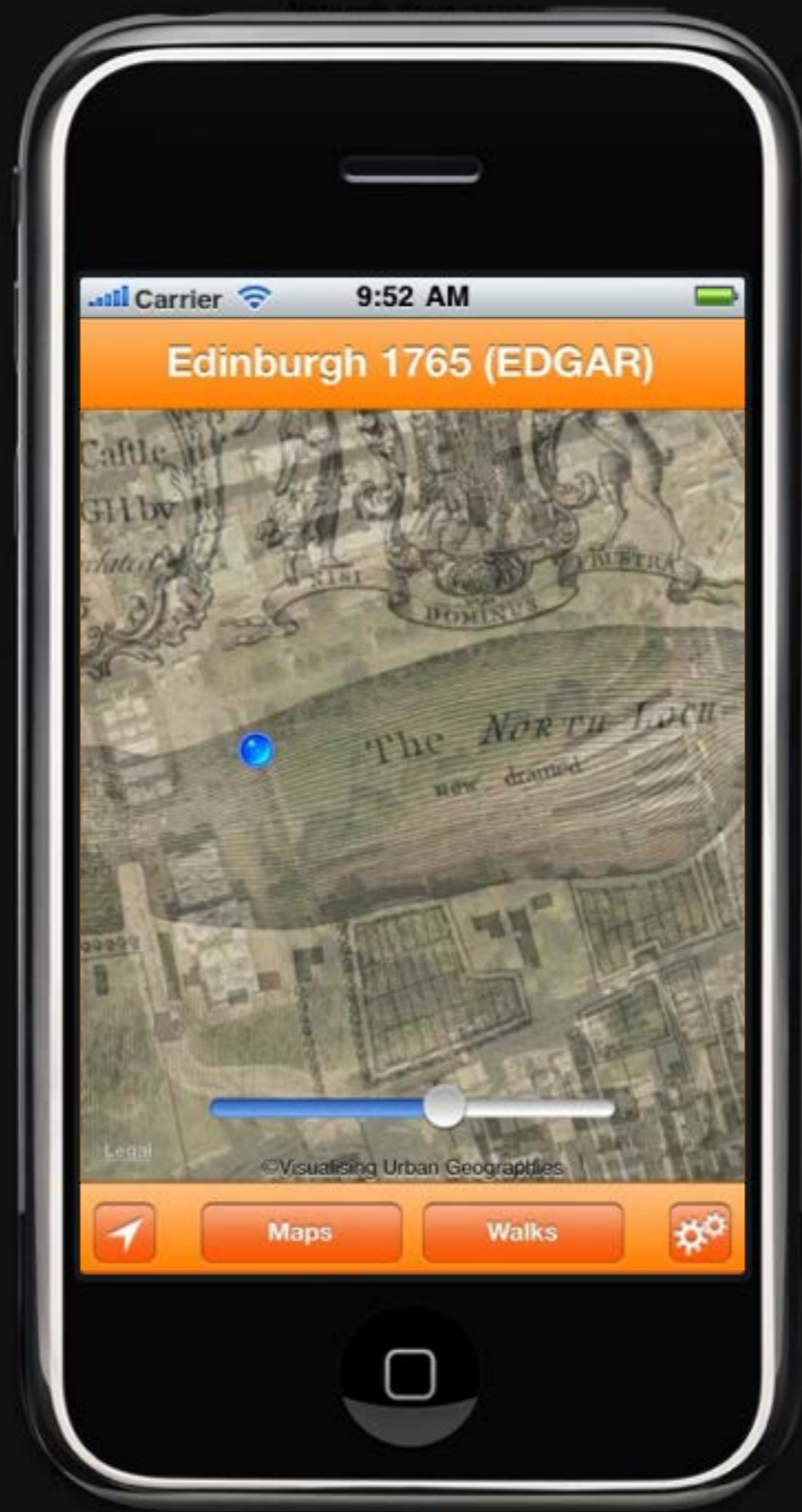
Walking Through Time

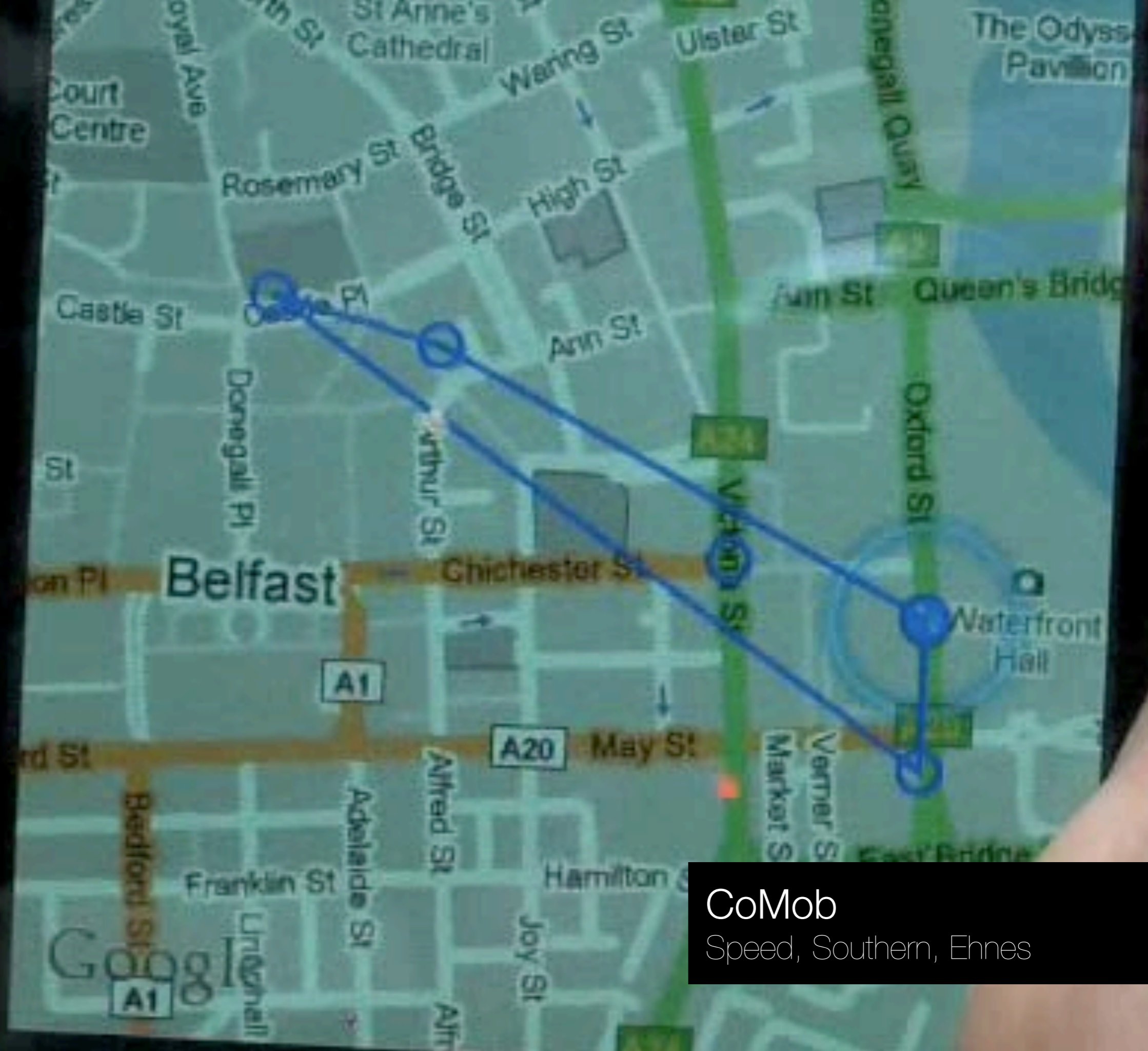
Speed, Sutherland et. al





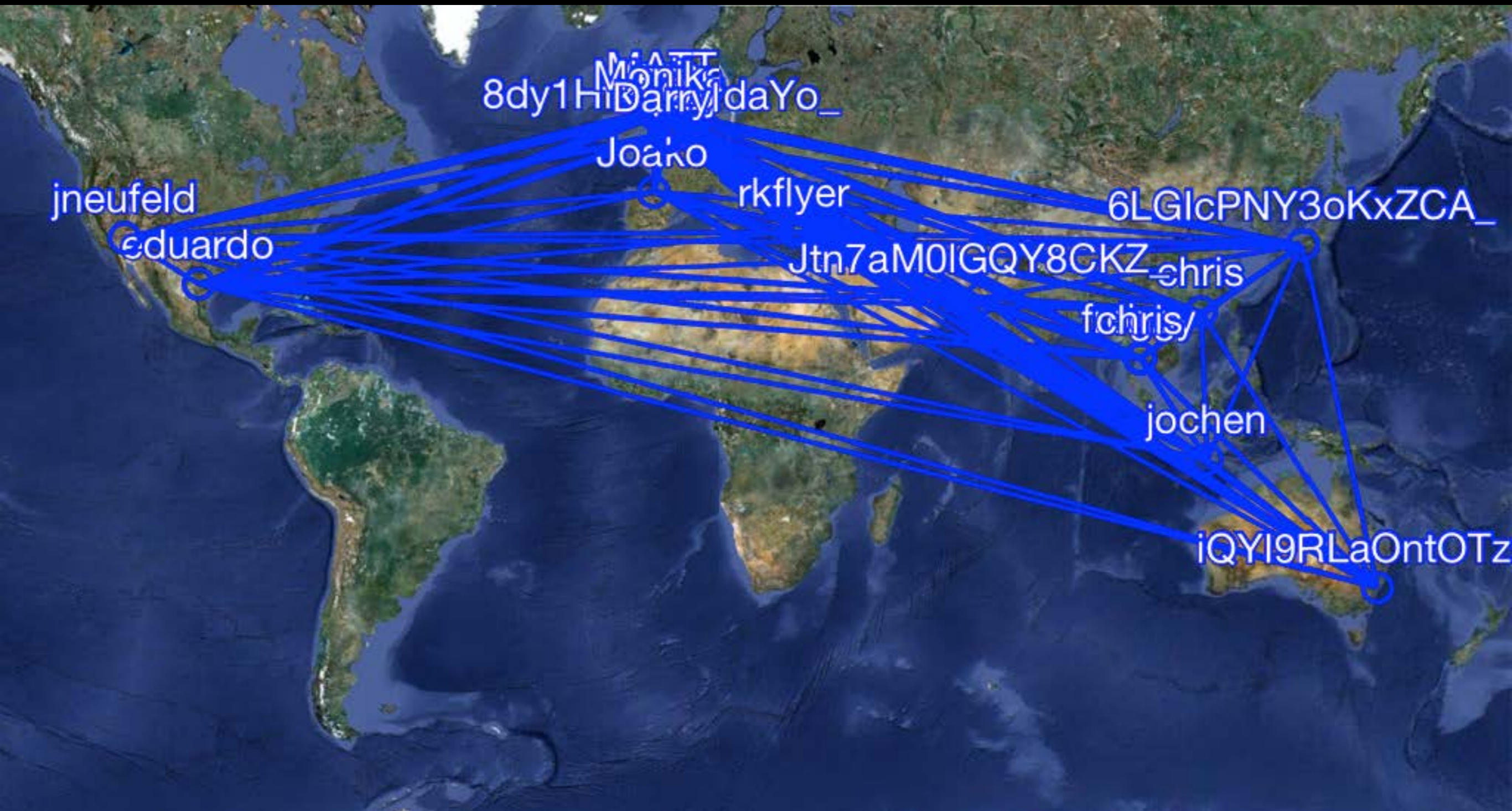






CoMob

Speed, Southern, Ehnes





CoMob Portraits
Speed, Southern, Ehnes

2009-11-08 02:38:13 X 98304 lat: -986.6944 lon: -27.148323 span: 272.7245



“I click on everyday. I look to see where they are when I get up. It’s almost my first mode of contact to see where they are, literally where in the world they are because Peter flies worldwide, James works throughout the county as a roadside patroller and consequently I never know where they might be...it makes me feel comfortable.”

2010-10-18 03:51:44 X 98304 lat: -986.6944 lon: -27.148323 span: 272.7245



“I feel there’s someone else there. Someone I’m close to. And I can see where they are and see how far away they are. That doesn’t matter so much somehow; it almost brings them closer to me.”

2010-03-08 08:55:28 X 98304 lat: -986.6944 lon: -27.148323 span: 272.7245

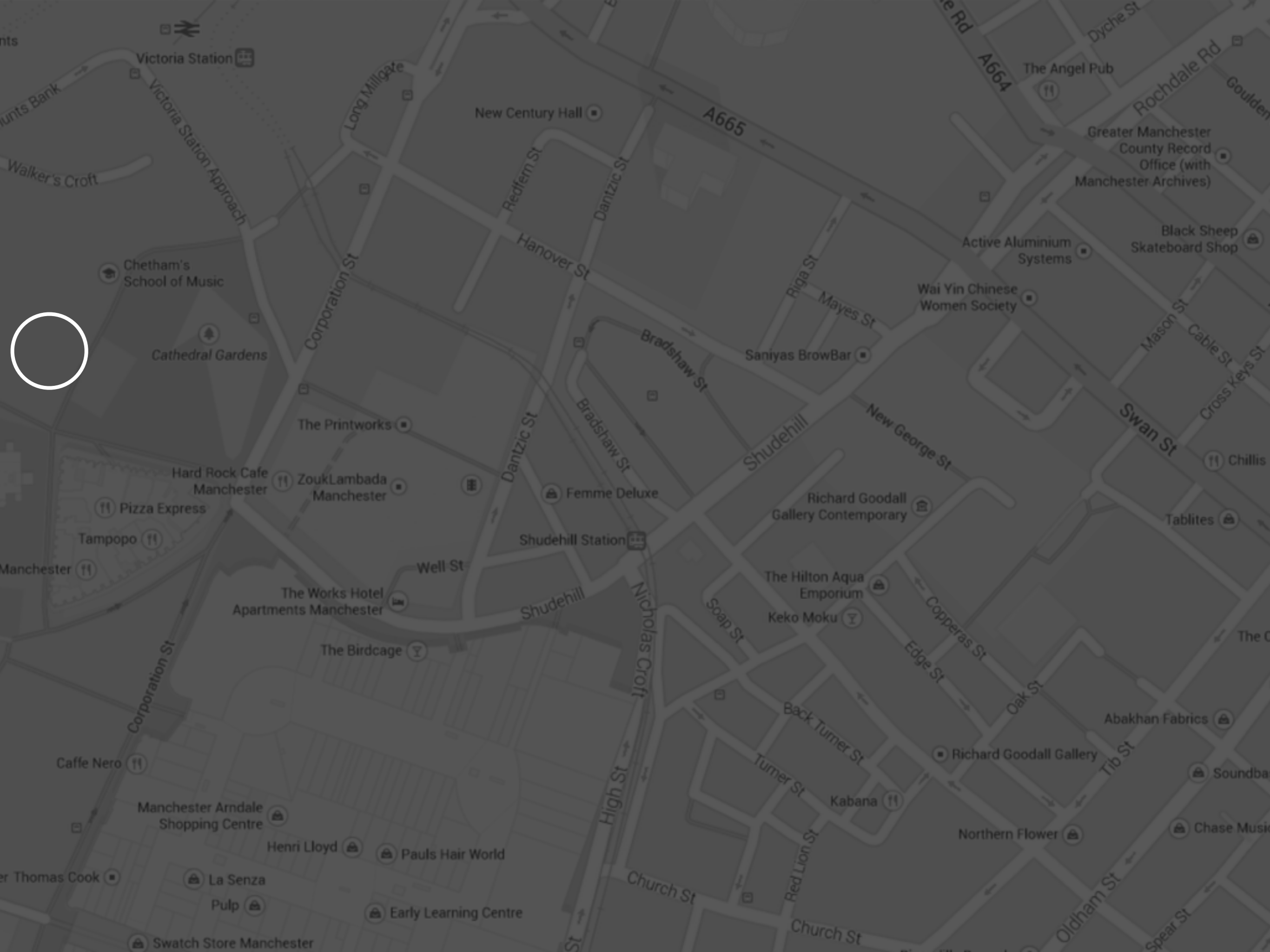


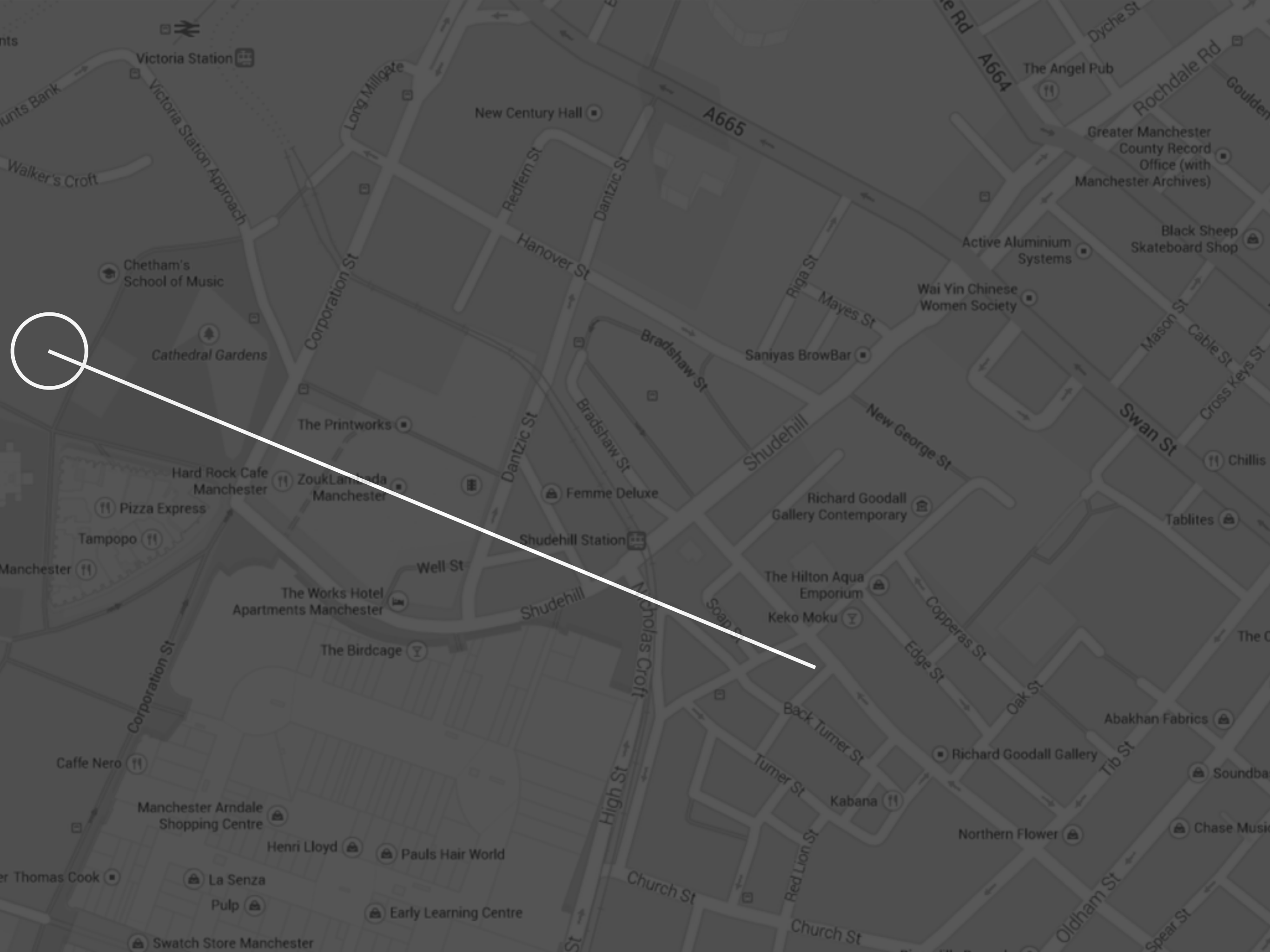
“you know he’s stuck on the side of the road and I can hear him huffing and puffing. ‘oooh this blinking rain!’ [laughs] head under the bonnet of a car somewhere. I can imagine him, you know, I think he’s brilliant with his customers.”

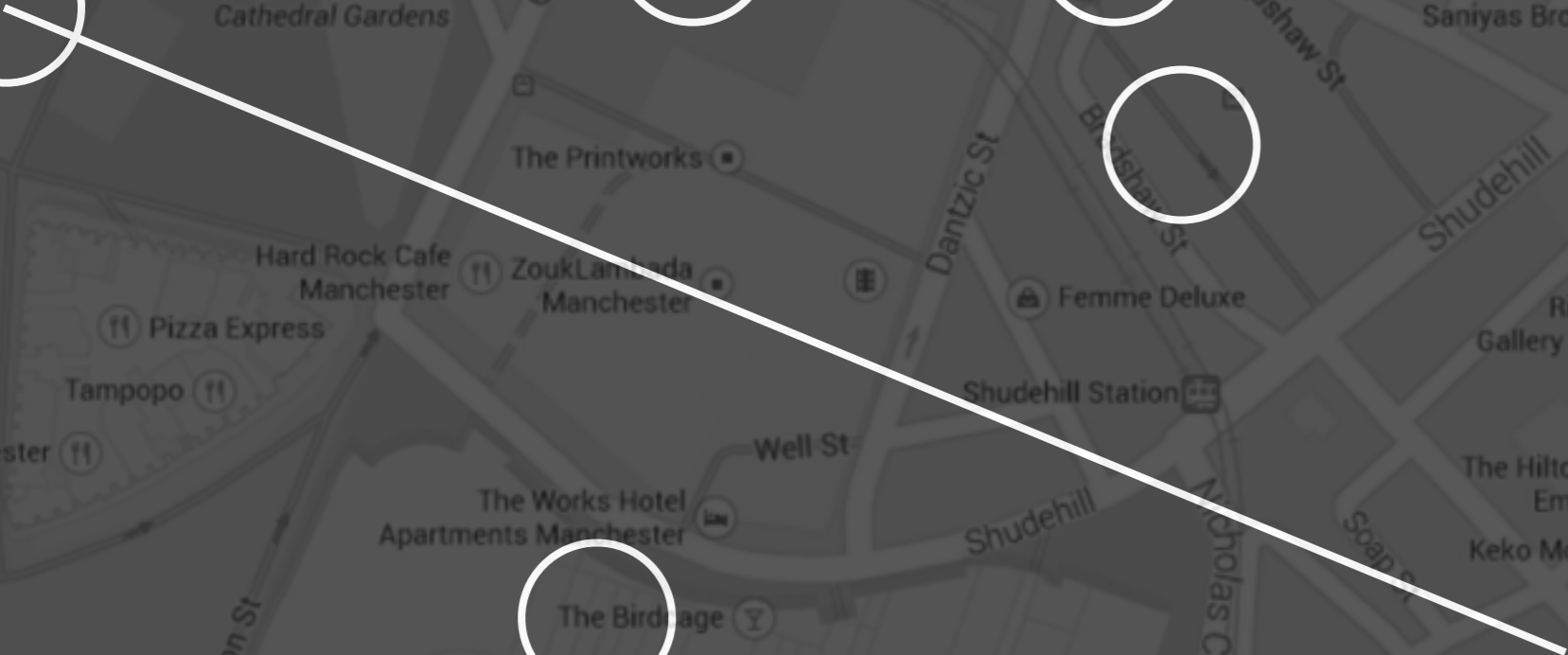
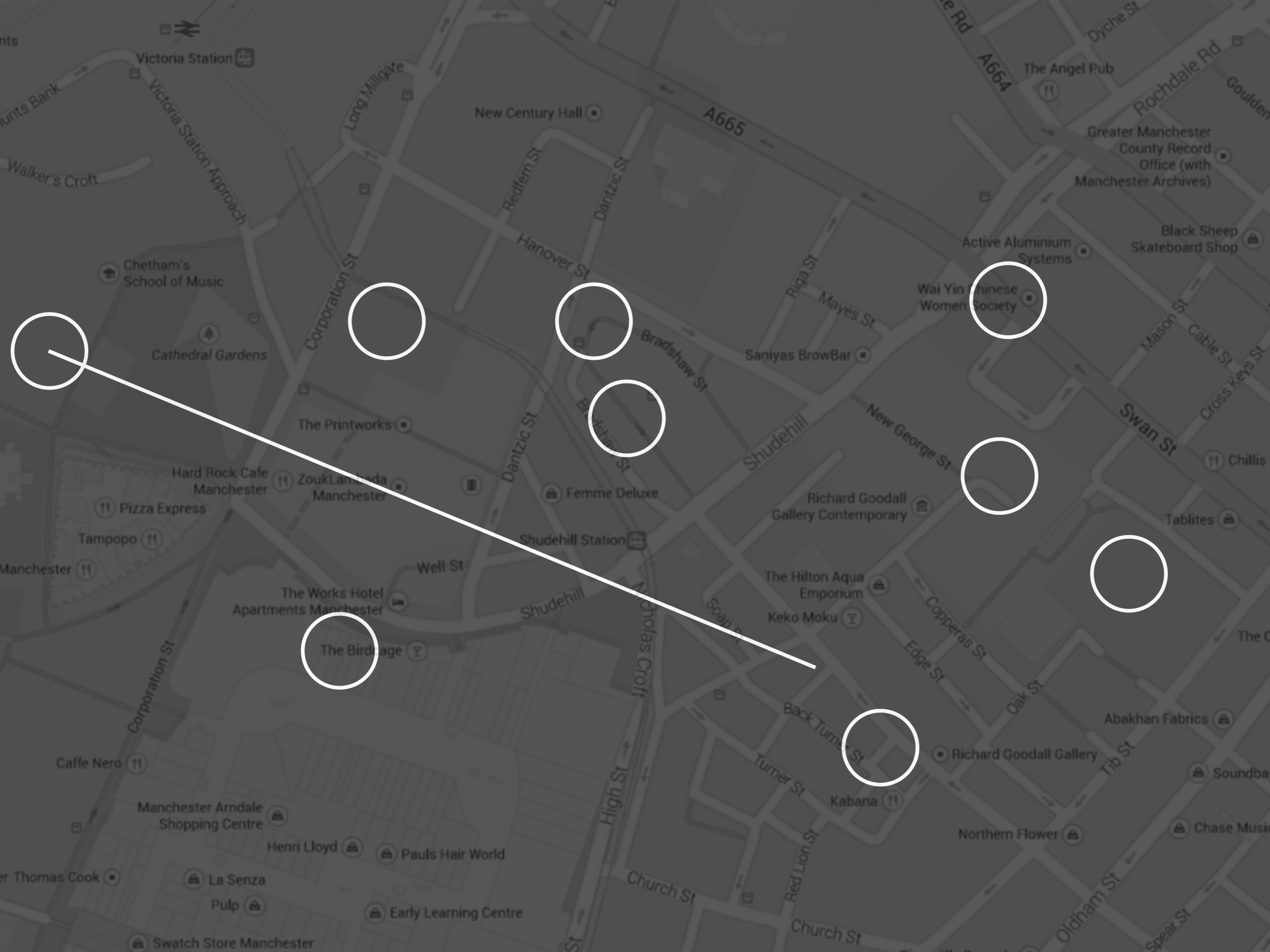


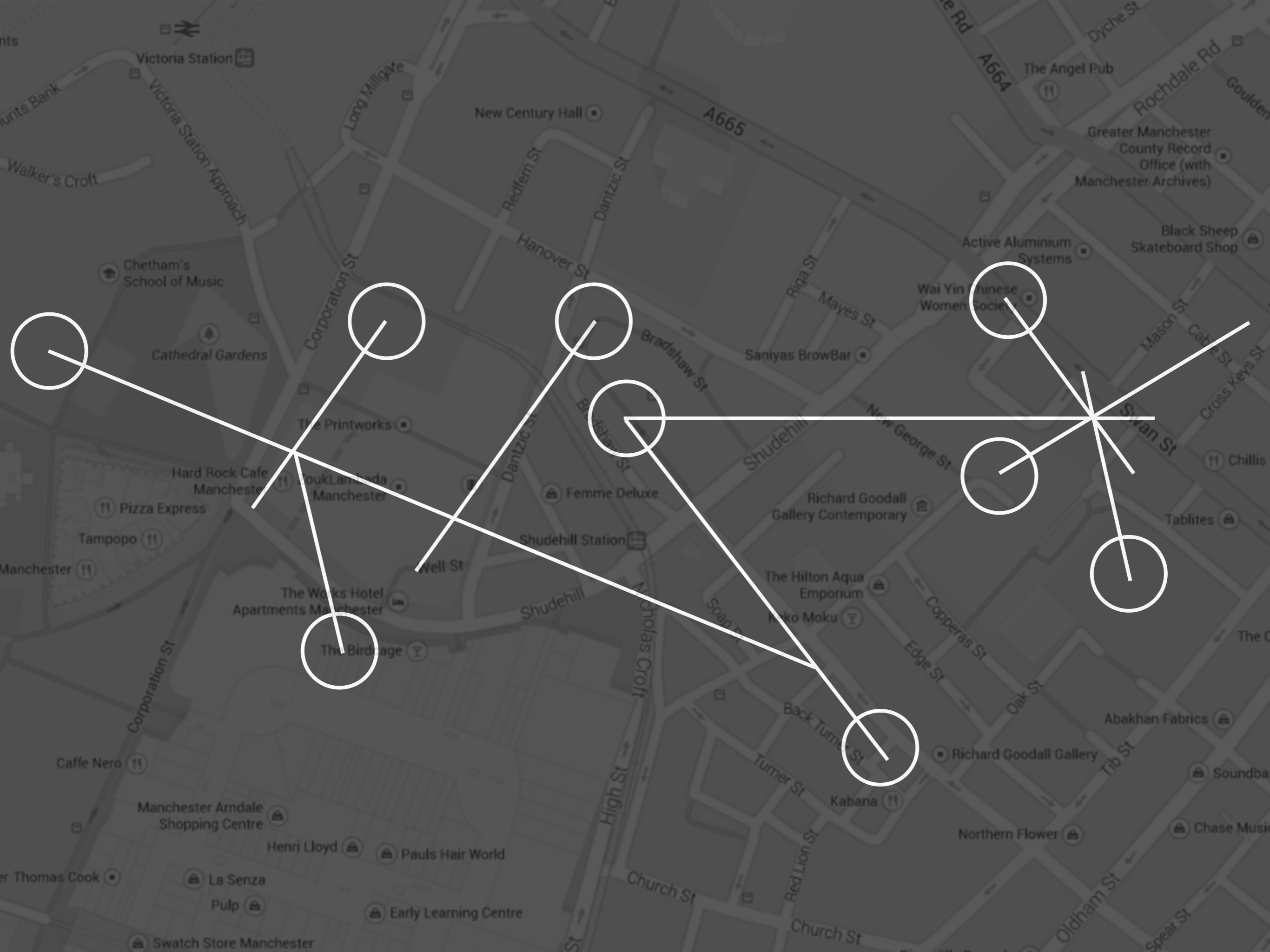
CoGet

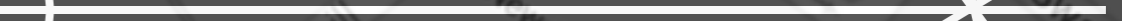
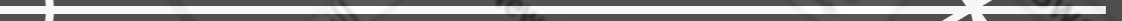
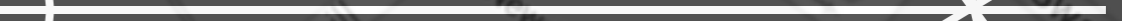
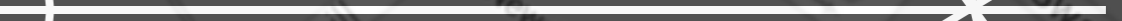
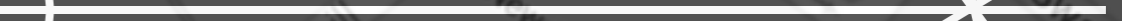
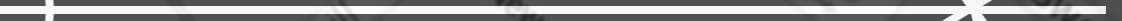
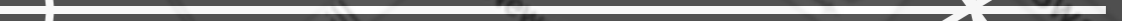
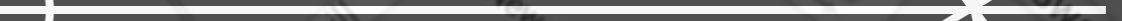
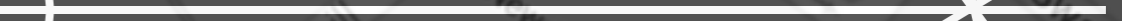
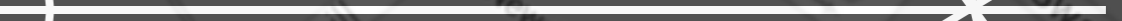
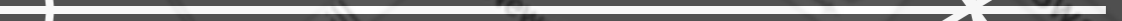
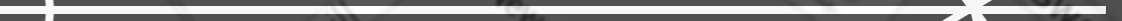
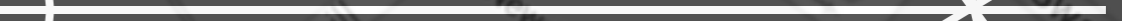
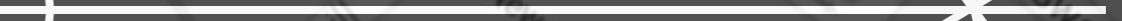
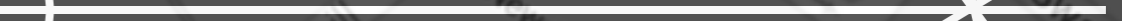
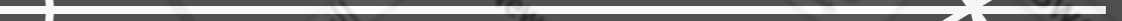
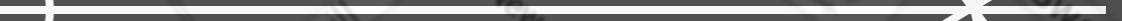
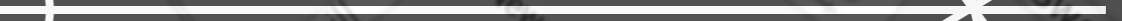
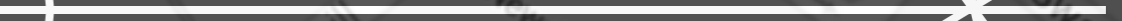
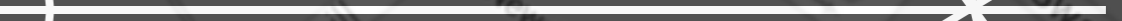
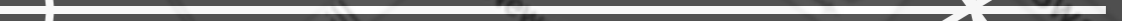
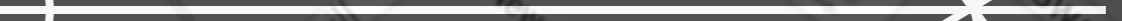
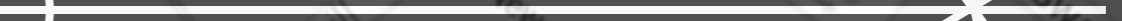
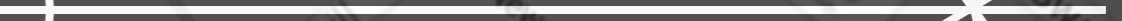
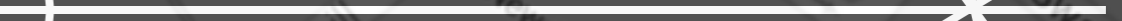
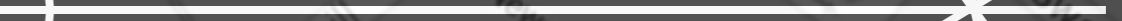
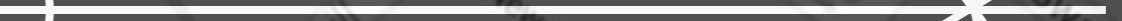
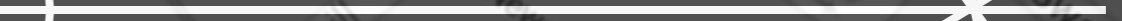
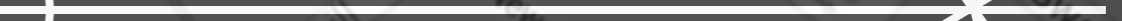
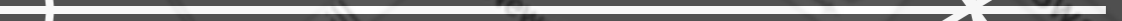
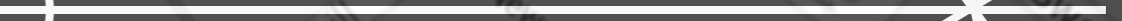
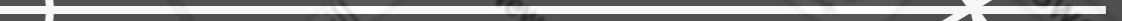
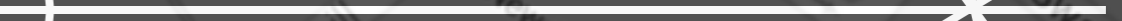
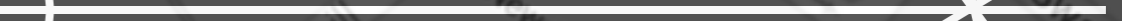
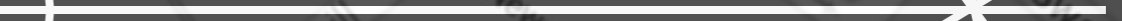
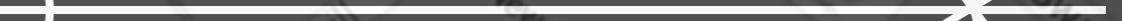
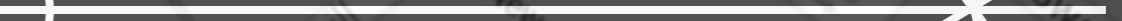
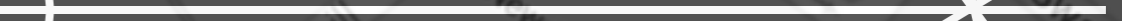
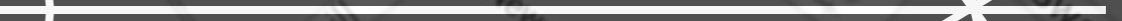
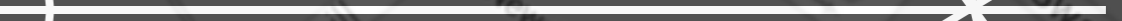
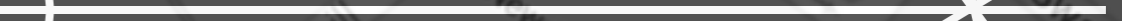
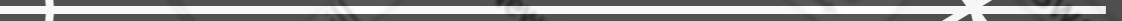
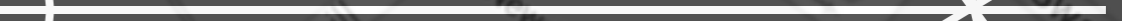
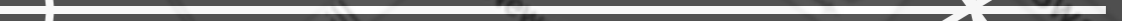
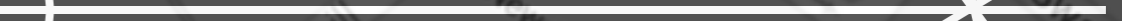
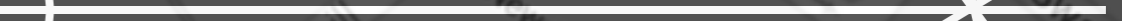
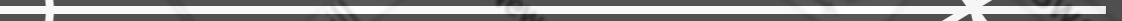
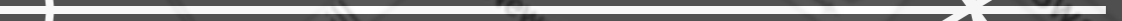
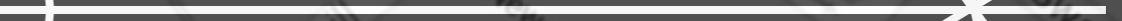
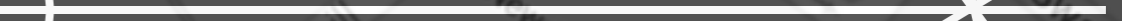
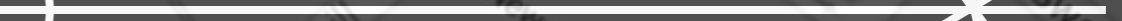
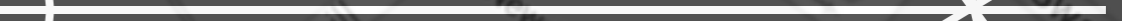
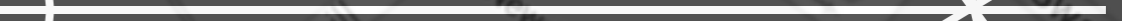
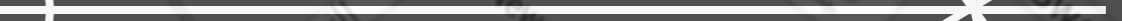
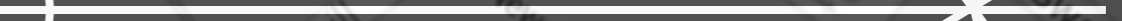
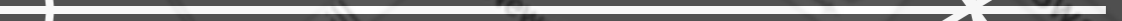
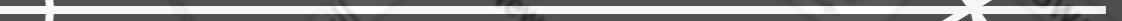
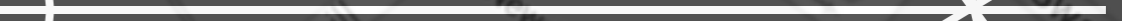
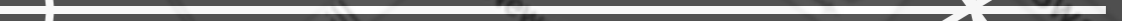
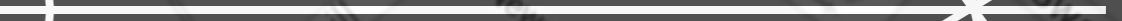
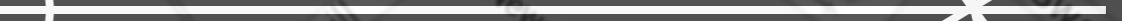
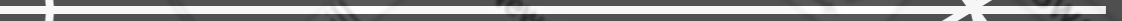
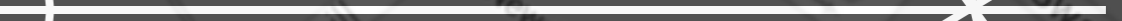
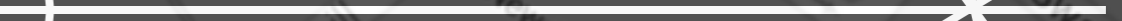
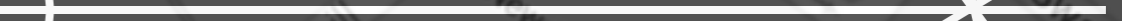
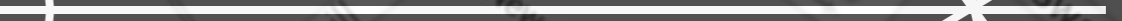
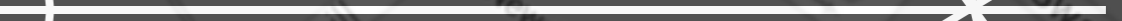
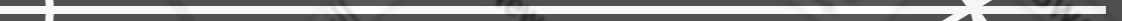
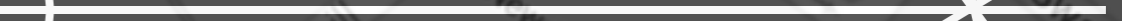
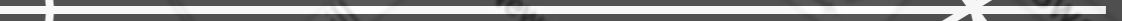
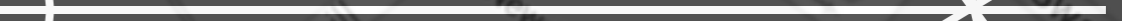
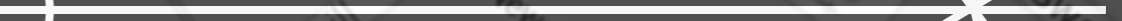
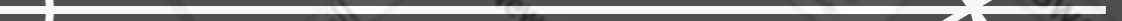
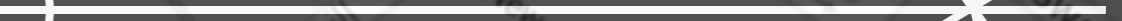
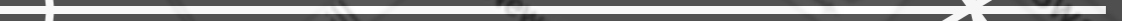
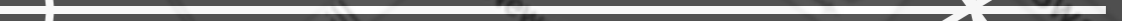
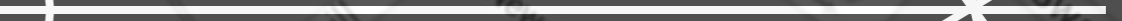
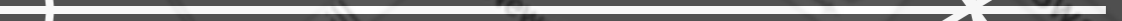
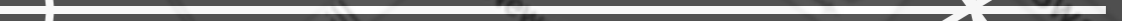
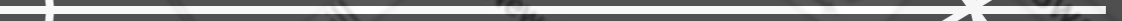
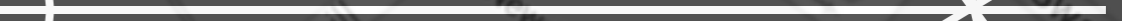
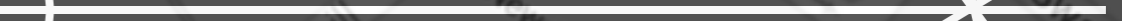
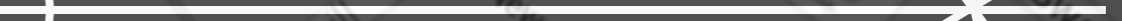
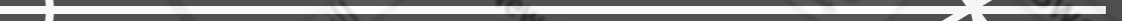
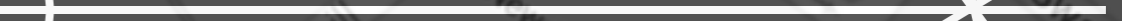
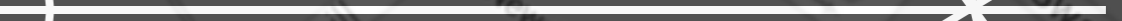
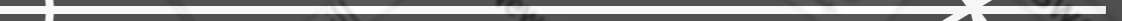
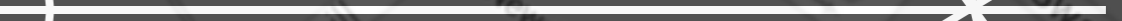
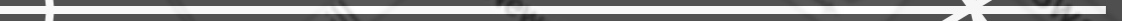
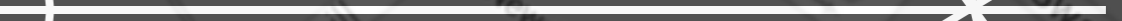
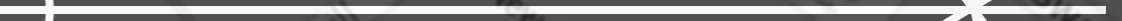
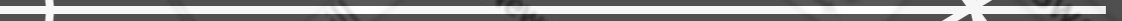
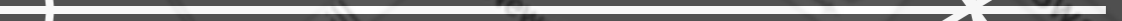
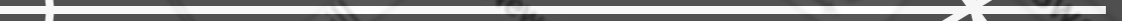
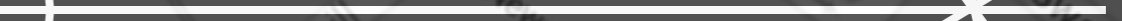
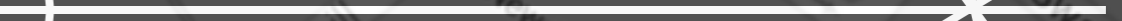
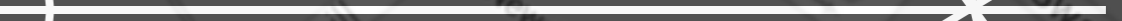
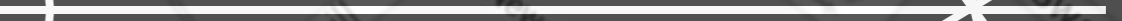
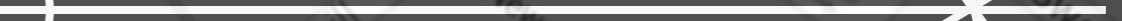
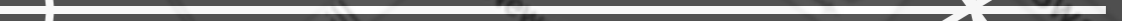
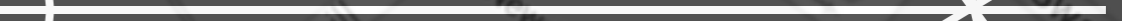
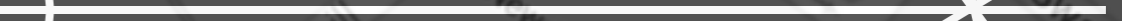
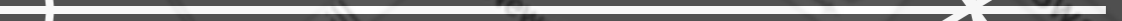
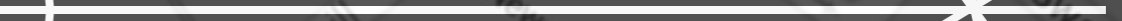
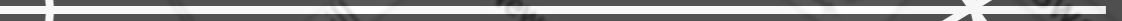
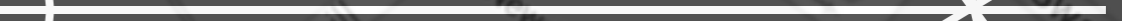
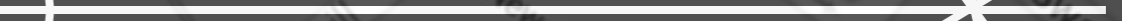
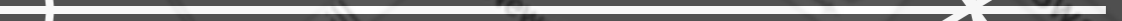
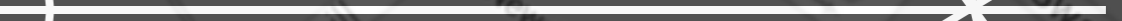
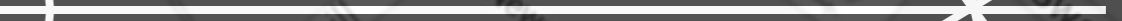
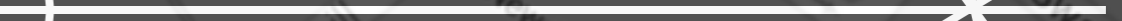
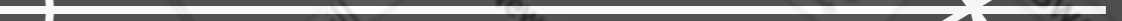
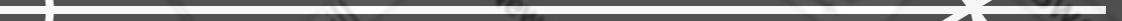
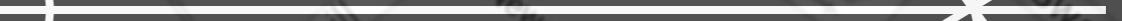
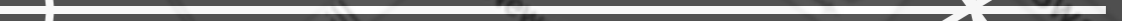
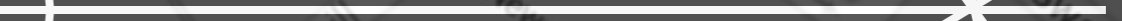
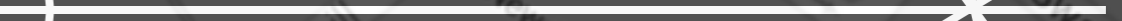
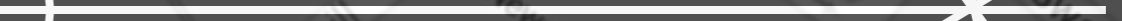
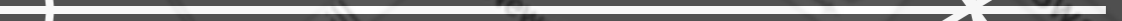
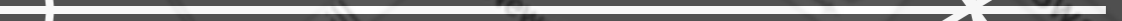
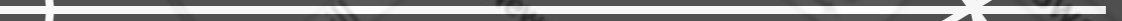
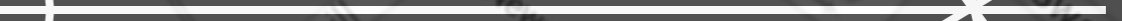
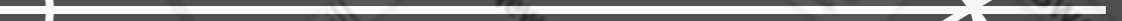
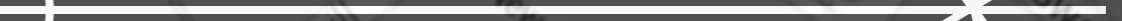
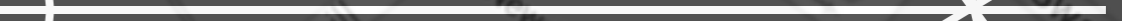
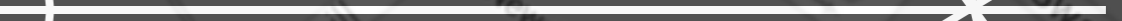
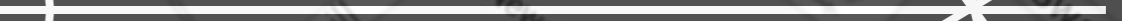
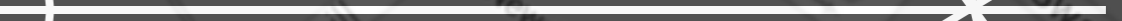
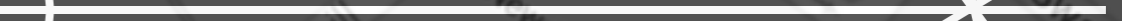
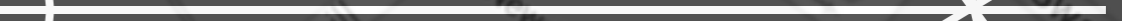
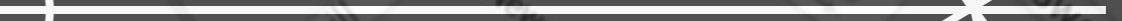
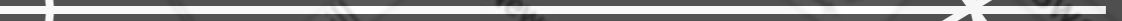
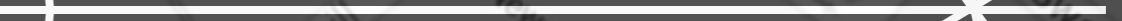
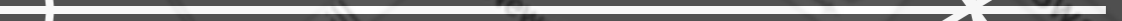
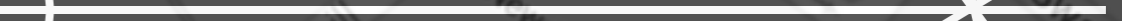
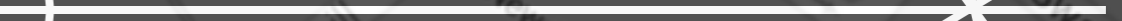
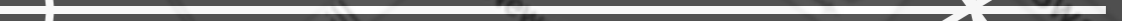
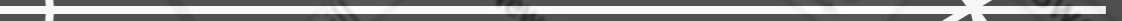
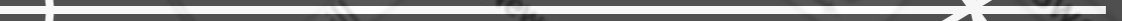
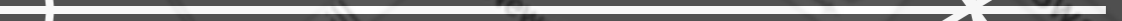
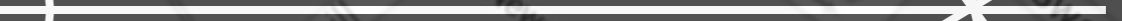
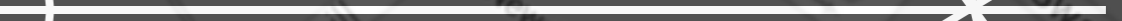
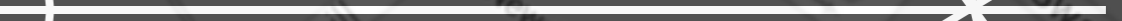
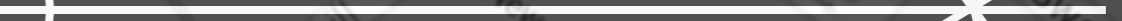
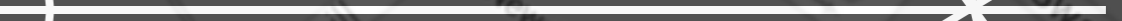
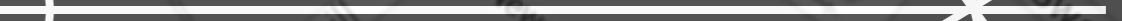
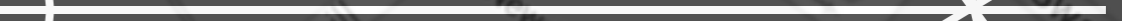
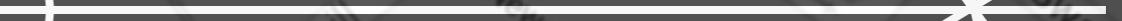
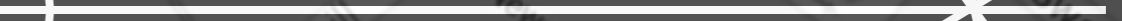
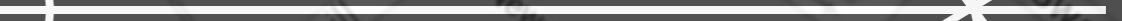
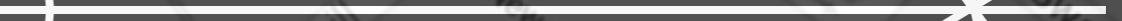
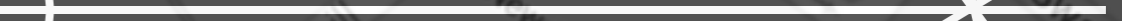
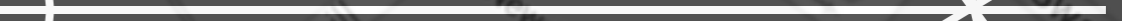
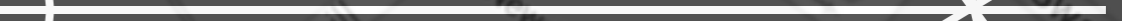
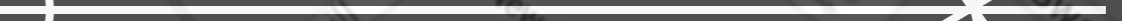
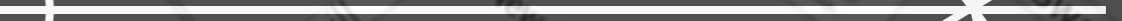
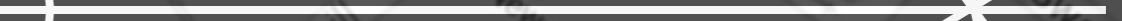
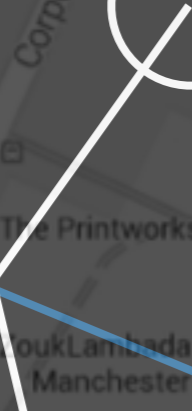
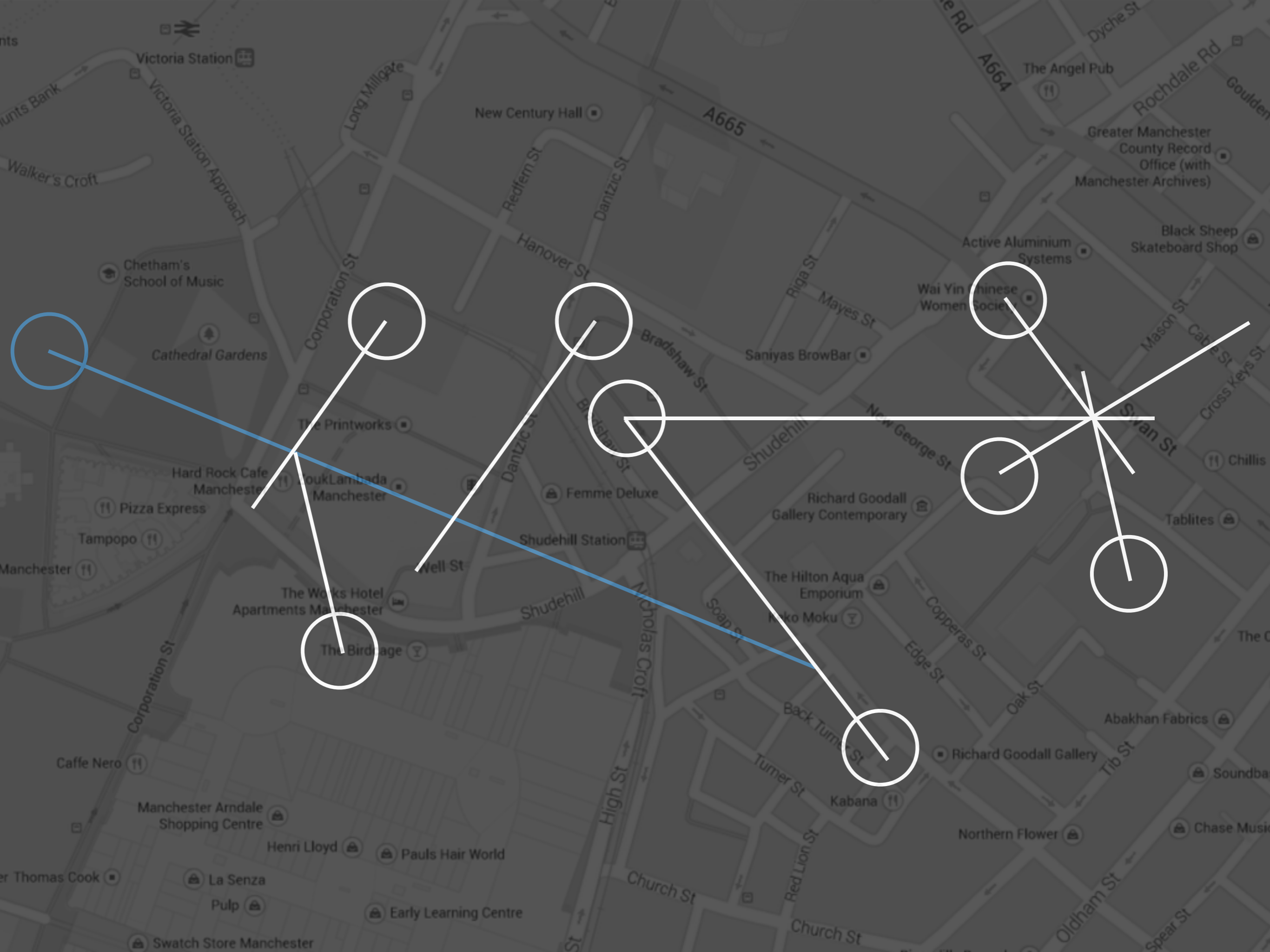
Shingleton, Speed et. al

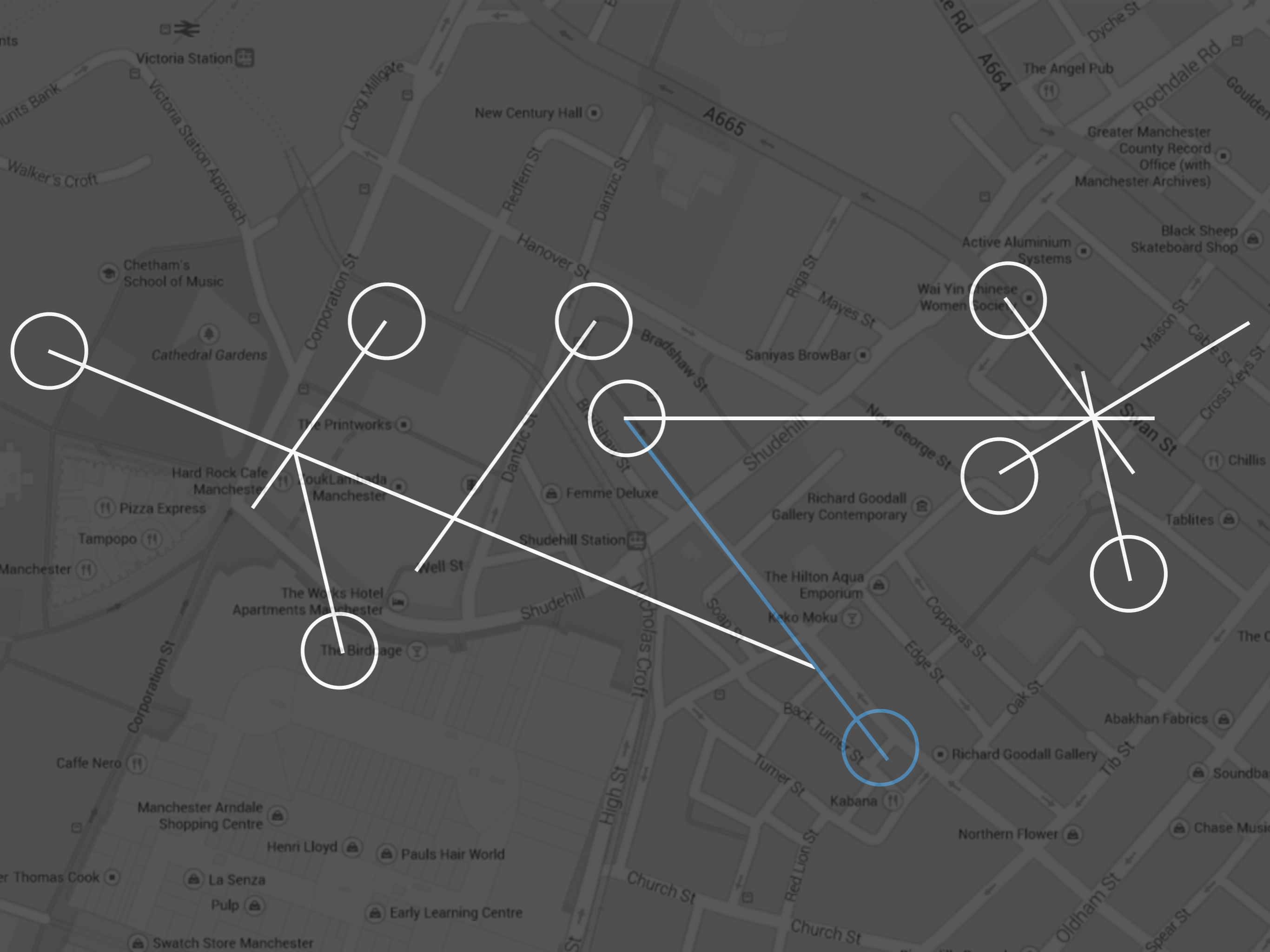


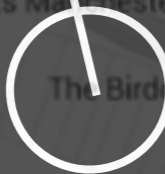
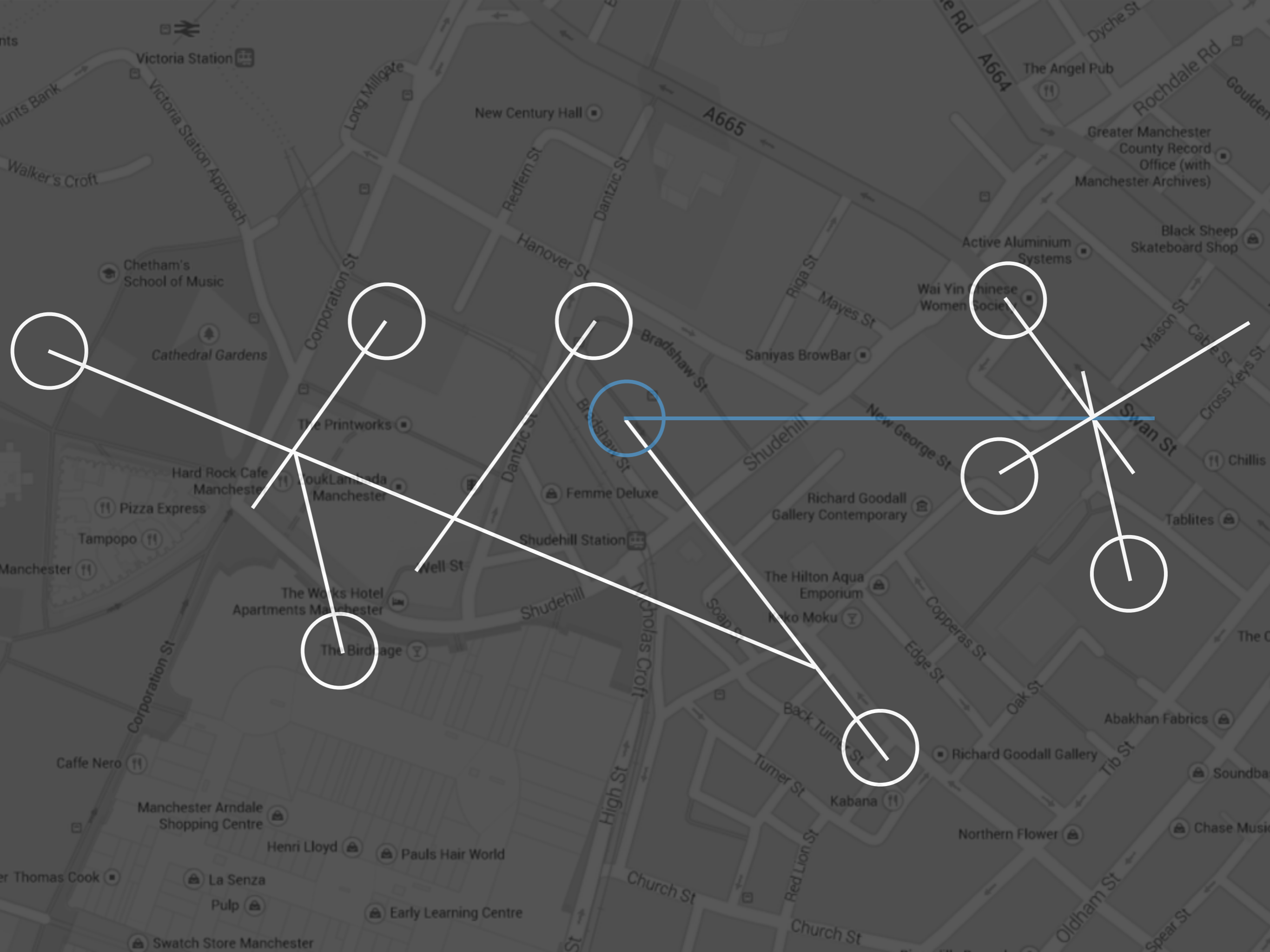


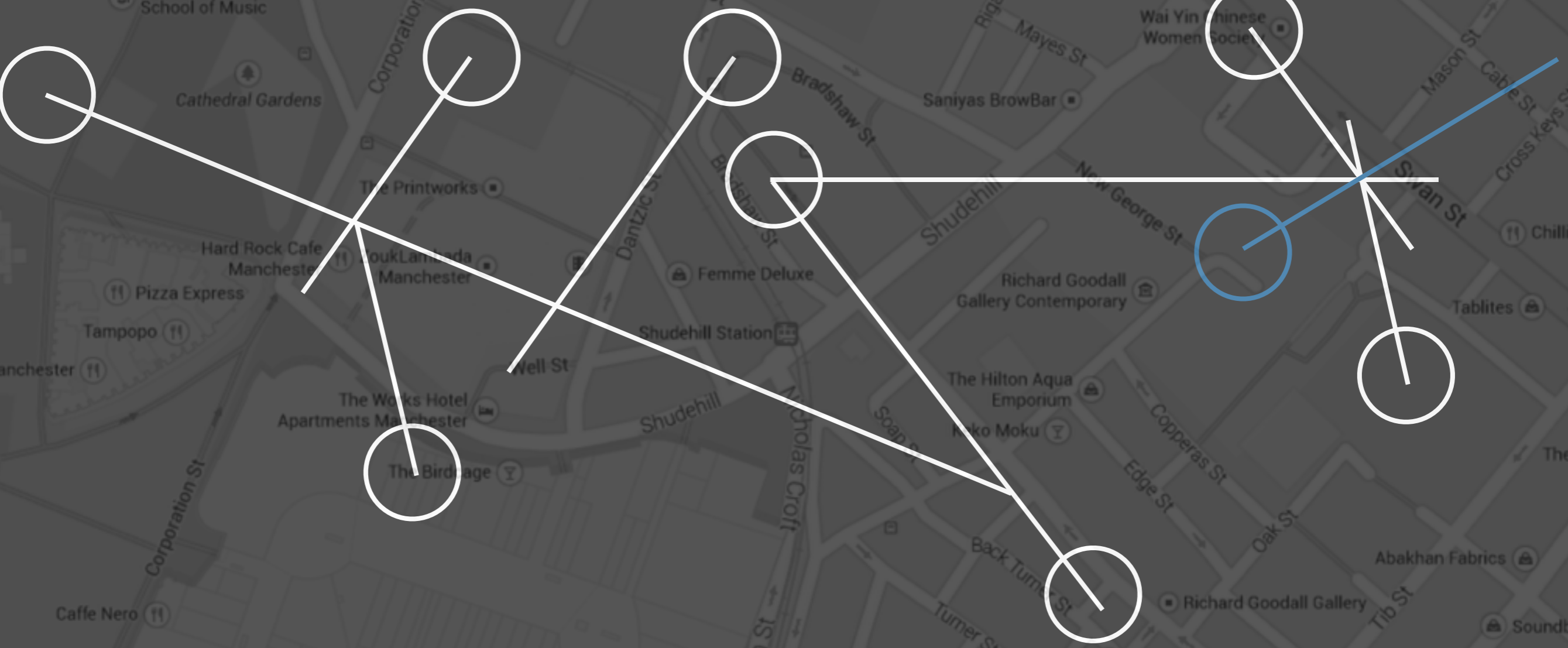
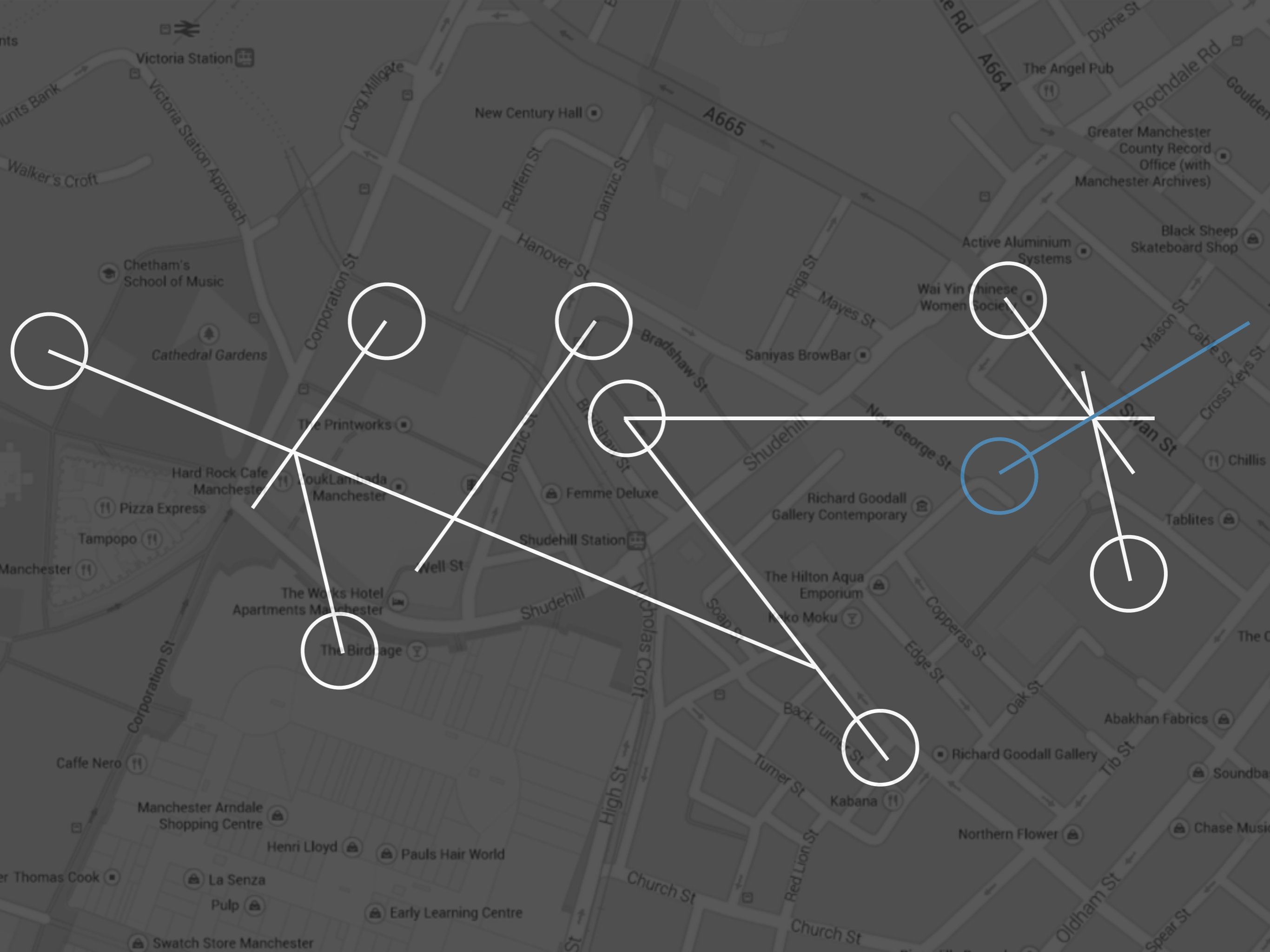


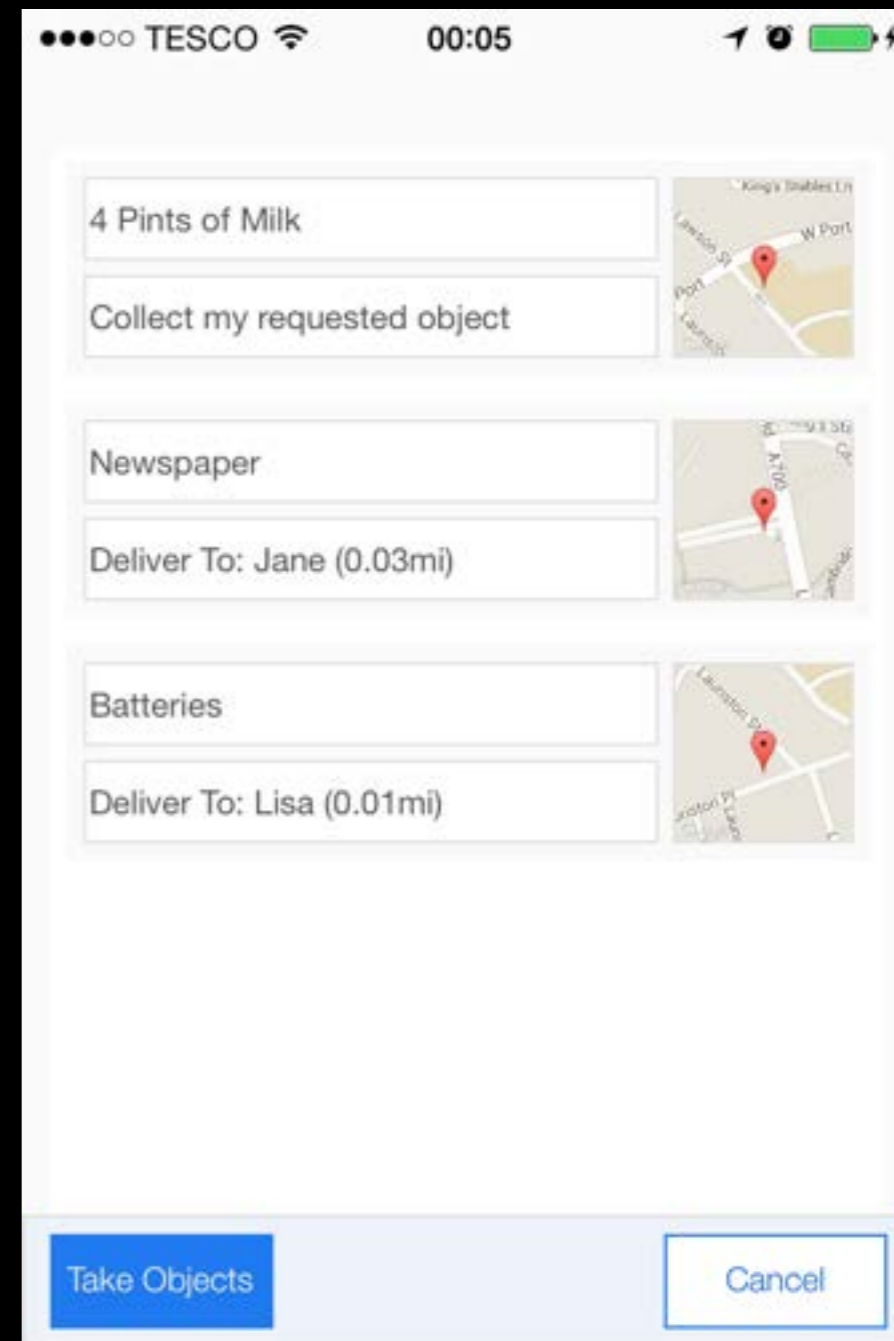
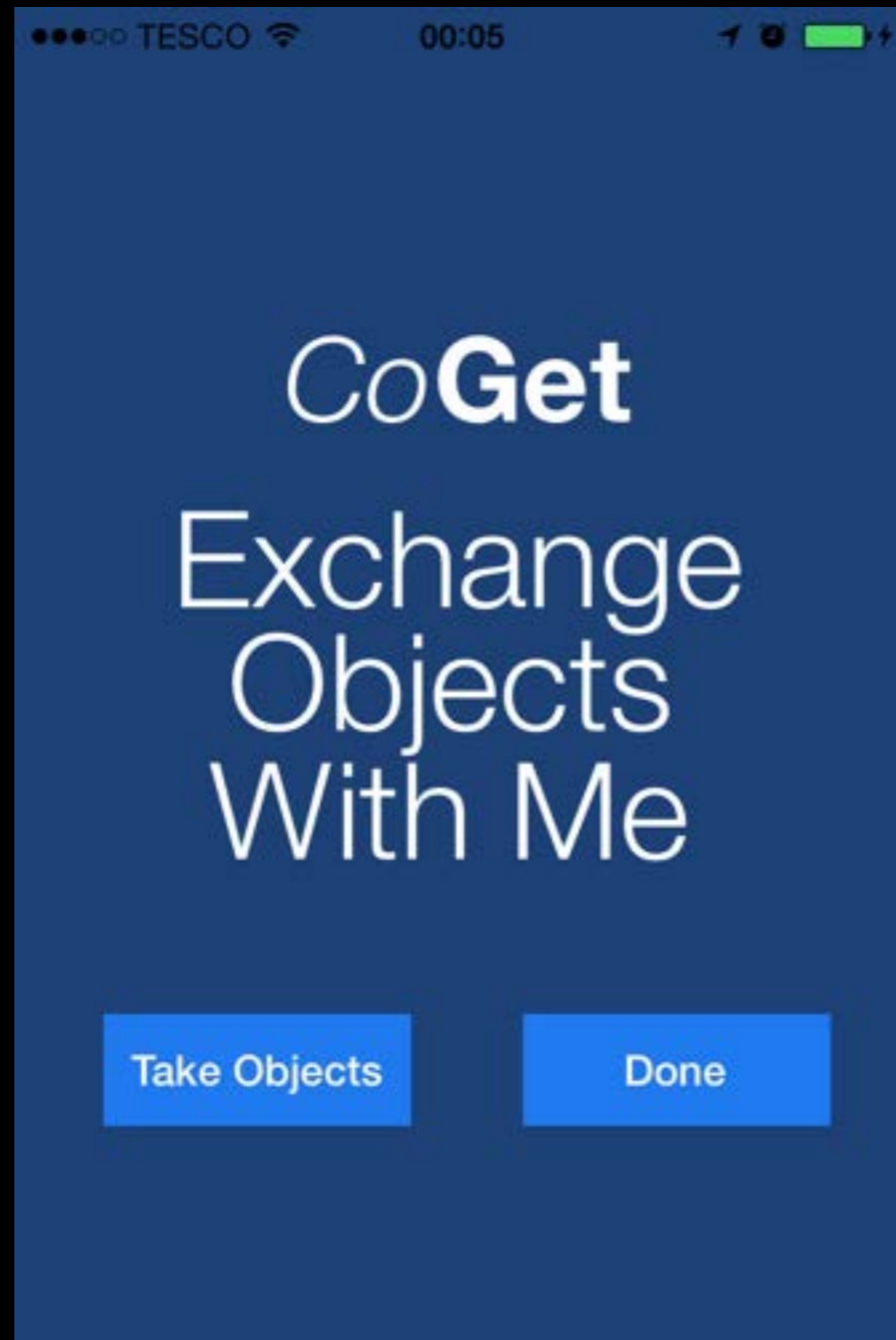
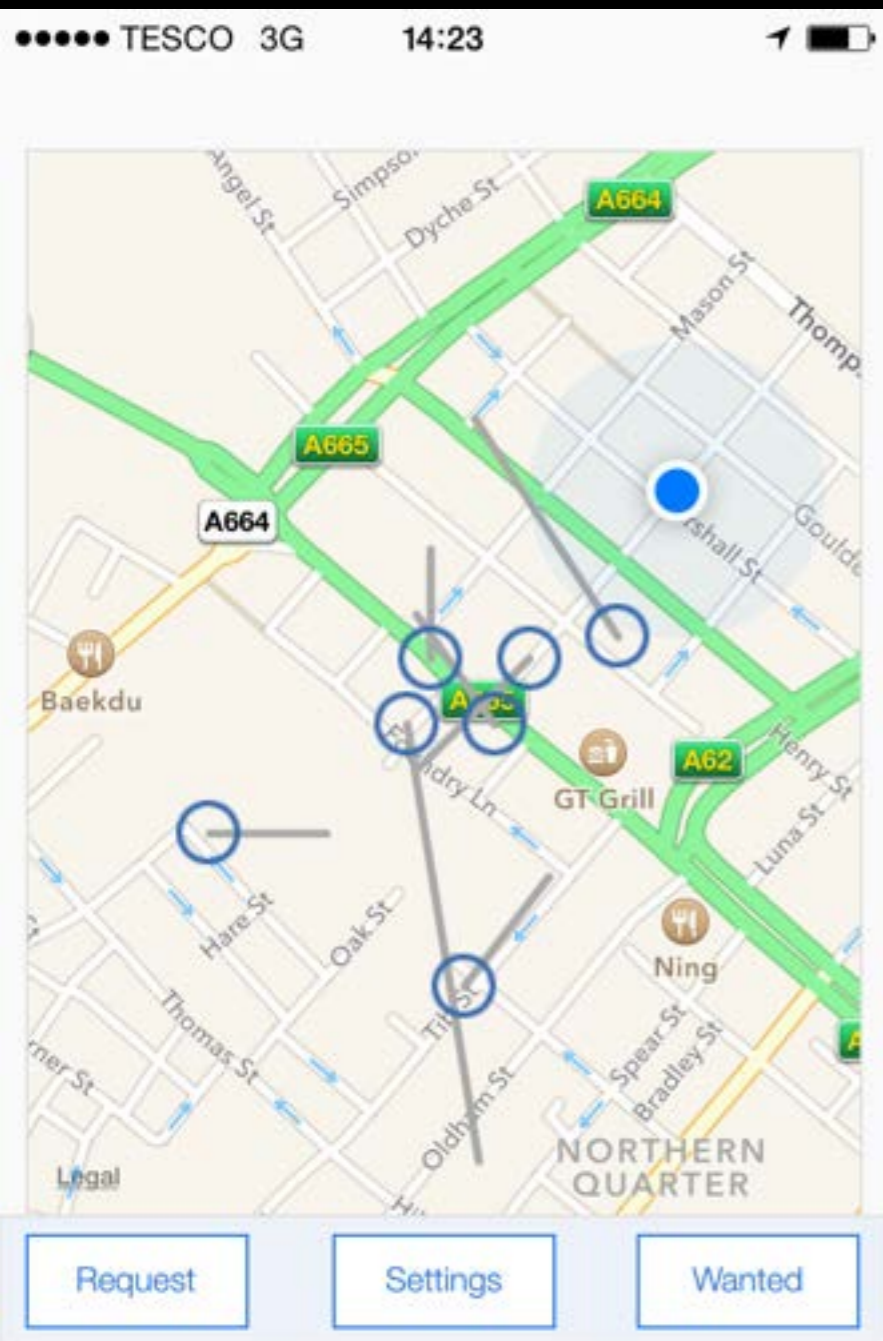


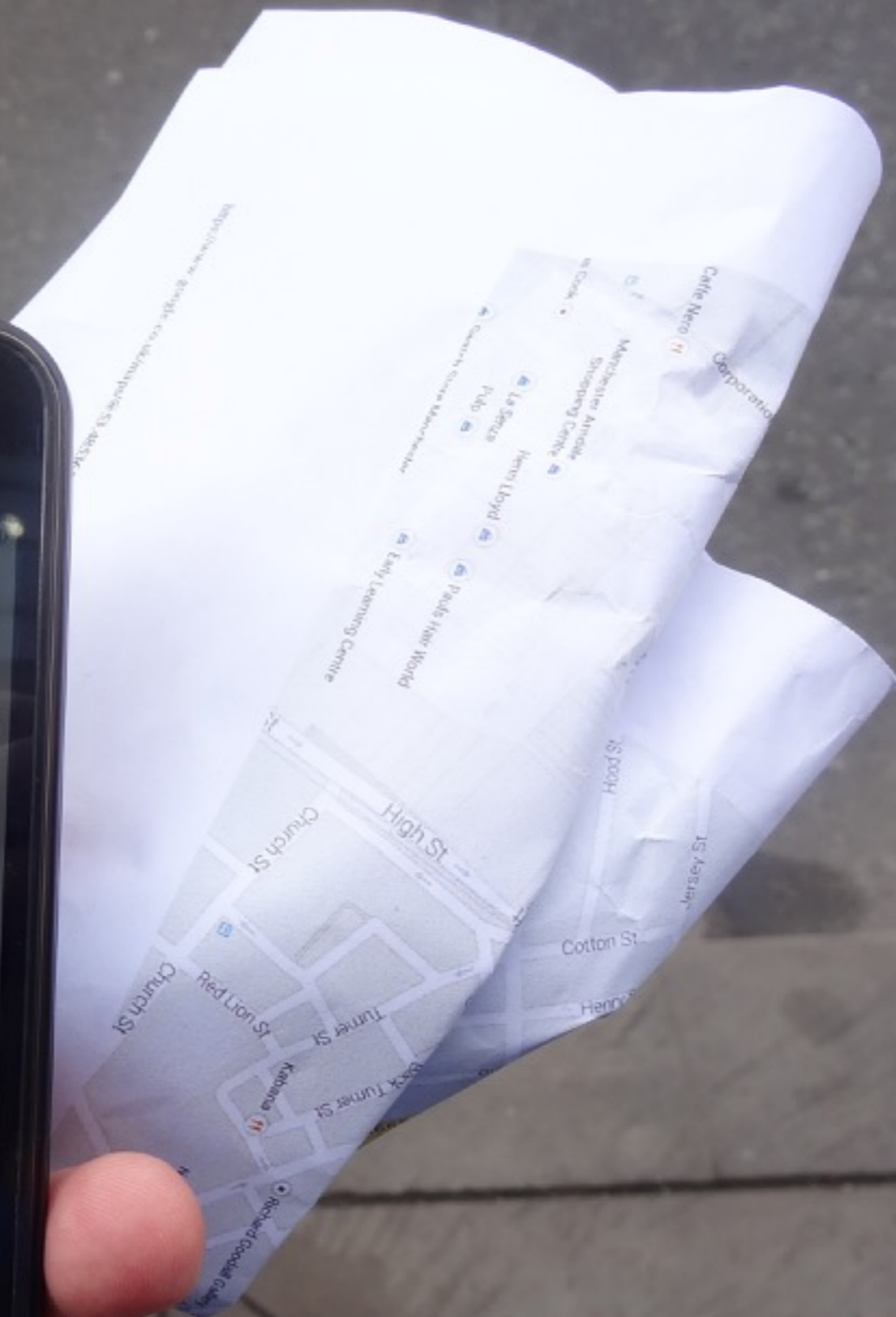
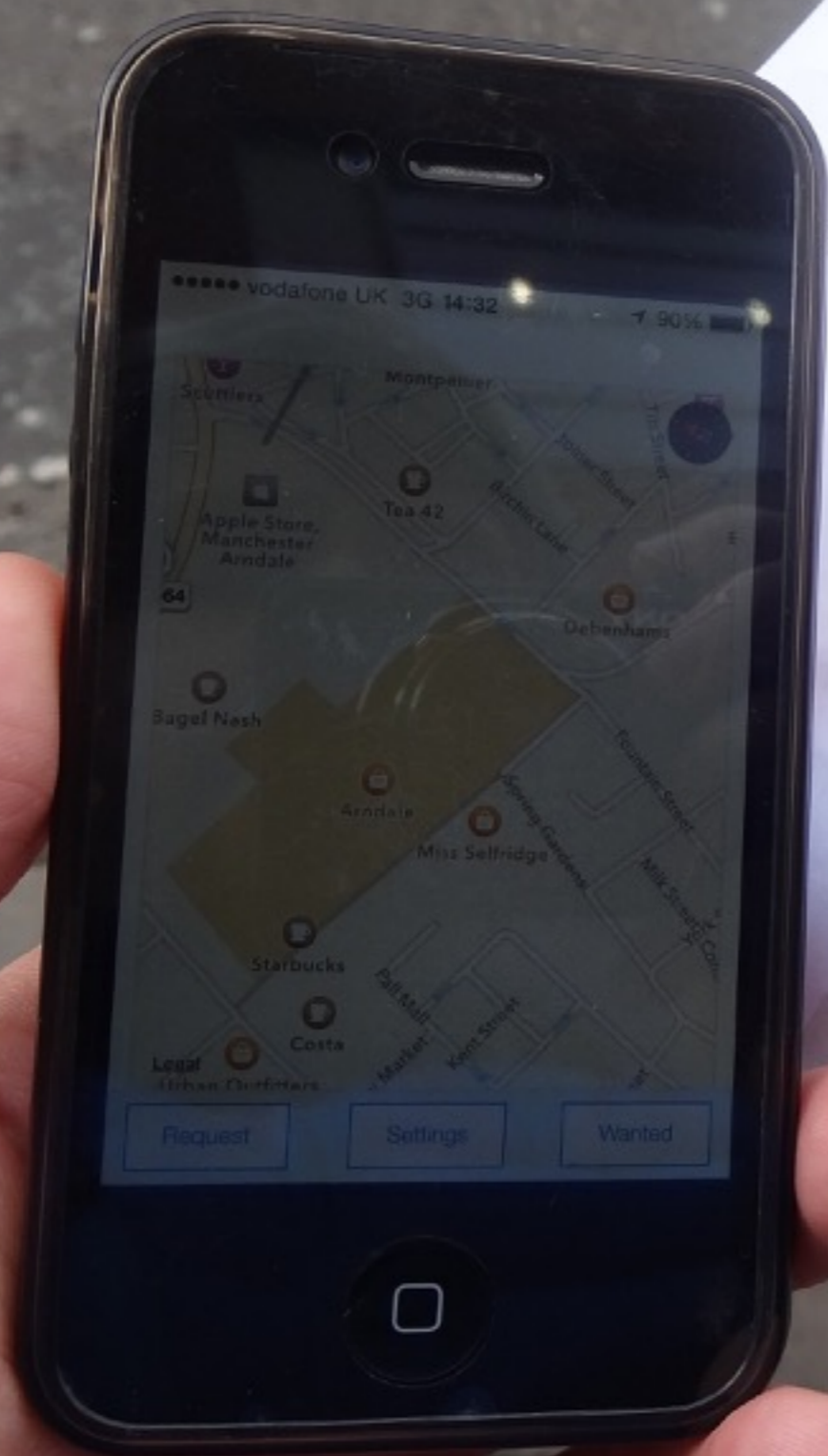














Green Fish
Resource Centre







Eighteenth century maps (1763, 1786, 1793) show Mr Seel's Garden at this place, between Fleet Street and Wolstenholme Square, at the heart of the area now bordered by Bald Street, Berry Street and Duke Street, all of which were rope works, or "Rope Walks" at the time.

On the opposite side of Fleet Street was a Workhouse (1729-1733) and the Free Charity / Workhouse School (1739-1786), now "The Workhouse".

As the area was developed to serve the rapidly growing port, Fleet Street was widened sometime after 1780, across the garden to make more space for merchants' houses, warehouses and workshops.

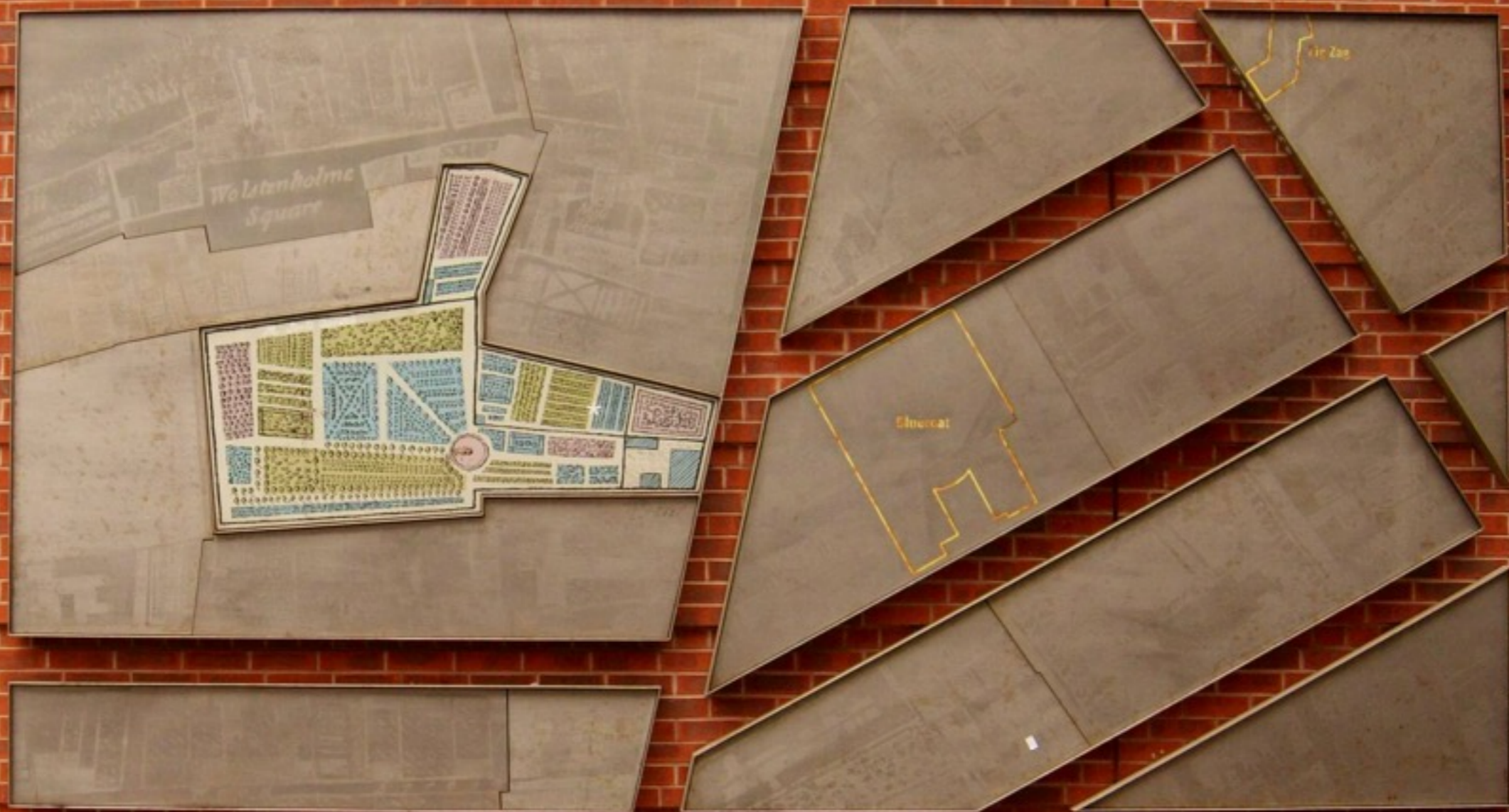
The plan of the successful garden is now depicted here in the modern setting.

You are standing on what was the garden, represented by an asterisk.

Thomas Seel was an eighteenth century merchant. He made money out of the dreadful slave trade, but used some of it to pay for Liverpool's first infirmary, which was on the site of St George's Hall.



Mr Seel's Garden

Mr Seel's Garden
Bastian, Speed, Shingleton et. al



Memories of Mr See's Garden

www.mrseesgarden.org

MR SEE'S GARDEN

HOME
ABOUT
NEWS
LOCAL MAP
STORIES
FILMS
FOOD HACKING
RECIPES
GALLERY
PUBLICATIONS

SUPPORTED BY
 Arts & Humanities Research Council
CONNECTED COMMUNITIES

NEWS
26.08.16

MAPPING LOCAL FOOD
CHRIS SPEED AND ALEX MALE WILL BE AT THIS YEAR'S ROYAL GEOGRAPHICAL SOCIETY CONFERENCE IN LONDON DISCUSSING ON THEIR EXPERIENCES
04.12.15

LIVERPOOL'S OWN CHRISTMAS PUDDING RECIPE
LIVERPOOL UNIVERSITY LIBRARY'S SPECIAL COLLECTIONS AND ARCHIVES ARE TREATING US ALL WITH AN ADVENT CALENDAR FULL OF ARCHIVEY TREATS. 2ND
OLDER POSTS

LOCAL MAP
EXPLORE SIGHTS, SOUNDS AND SMELLS OF OLD LIVERPOOL. WE'LL BE ADDING SITES TO THIS MAP AS WE COME ACROSS THEM. ANY SUGGESTIONS WELCOMED.

RECIPE: SULTAN'S PUDDING

FILMS
FILMS FROM OUR SHOW AND TELL DAY

PUBLICATIONS
THE LATEST PUBLICATIONS FROM THE PROJECT TEAM

GALLERY
BROWSE THROUGH OUR PHOTOGRAPHS FROM PAST AND PRESENT LIVERPOOL.

THE IPHONE APP
DISCOVER HOW WE USED TO GROW, MAKE AND EAT FOOD ACROSS LIVERPOOL BY SCANNING FOOD PRODUCTS FROM THE PRESENT DAY.

CONTACT US HERE
EMAIL RSS
TWITTER FACEBOOK



BOOK 2 59 00

PLANC. C.VI. S.W.

CHENNAI LINES
RAILWAY

Div. of
Parly. Bus. By.

LON. 2° 58' W

EAST TOXTETH
DIVISION

33.6 log 1.5 m. E.

1389067-9m.N.

89

30"

LANCASHIRE

LIVERPOOL PH.

LAT. 53° 23'

LIVERPOOL C





MR SEEL'S GARDEN

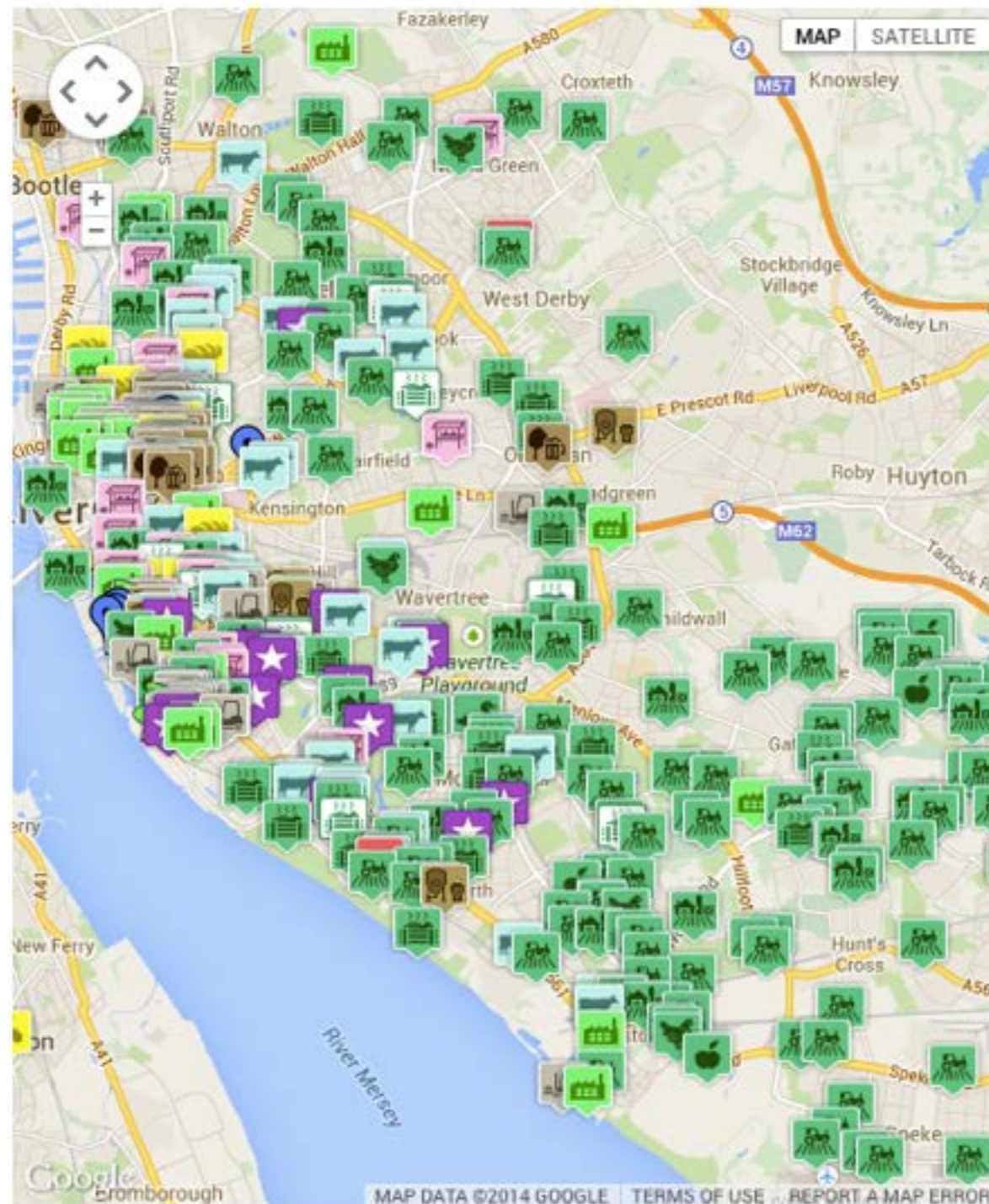
HOME
ABOUT
NEWS
LOCAL MAP
STORIES
FILMS
FOOD HACKING
RECIPES
GALLERY
PUBLICATIONS

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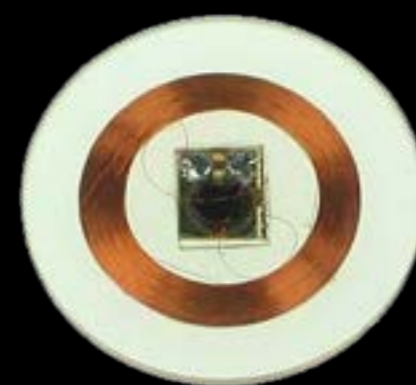
- | | | |
|----------------|-------------------|-----------|
| FARM | VEG | ORCHARD |
| THE FUTURE? | DAIRY | PIGS |
| CHICKENS | DUCKS | BEES |
| BAKERY | PUB | MARKETS |
| BREWERY | PROCESSING | STORAGE |
| PAST ALLOTMENT | CURRENT ALLOTMENT | TRANSPORT |
| MISC | NONE | ALL |

CLICK THE BUTTONS ABOVE TO
SHOW AND HIDE DIFFERENT TYPES OF
HISTORIC FOOD LOCATIONS ON THE
MAP.

FILTER

ROUTES

RESEARCH



MR SEEL'S
GARDEN

scan

about

SCAN THE
BARCODE
TO READ
A STORY

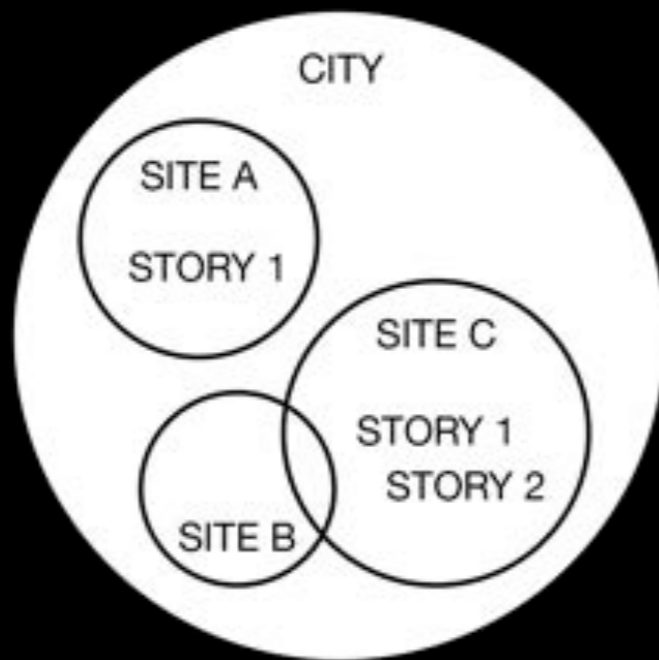
MR SEEL'S
GARDEN

scan

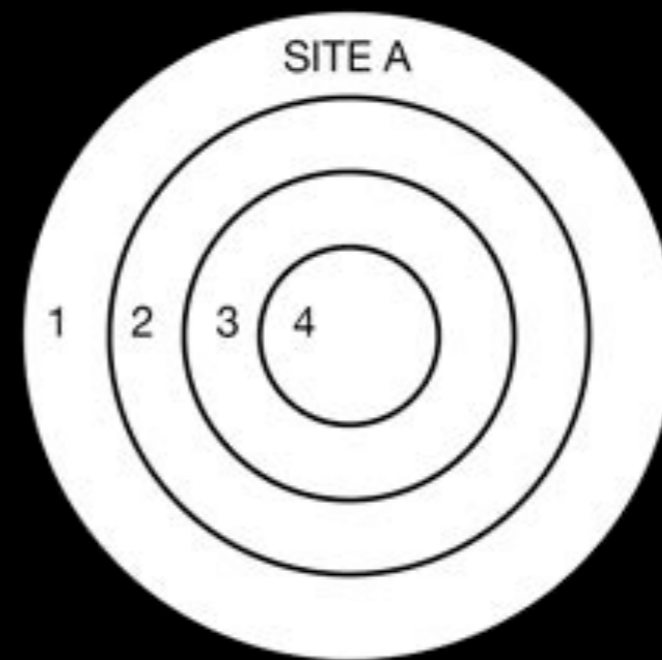
about

THANK YOU FOR SCANNING A
BARCODE, THE MEMORIES OF
MR. SEEL'S GARDEN STORIES WILL
BE RELEASED ON THE 25TH OF
JANUARY.

Spatial Clouds



City and site clouds



Site locative clouds

Product Clouds



Story for a specific
product

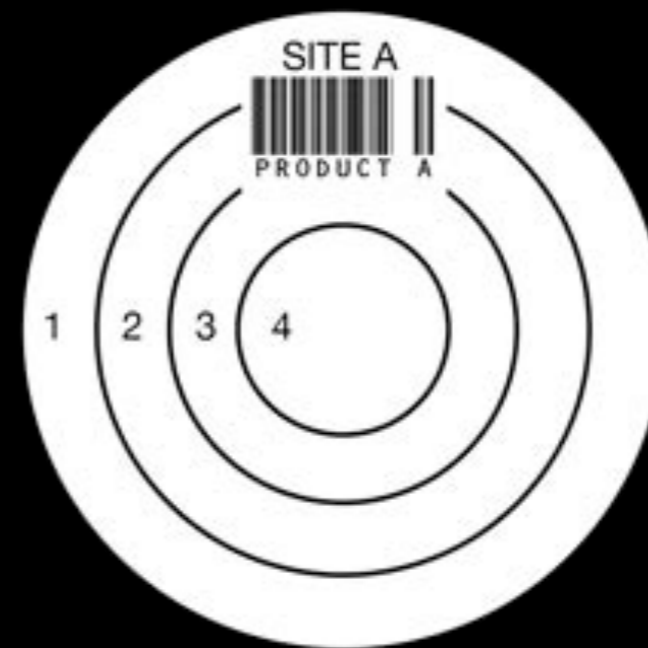


Story for multiple
products

Spatial Product Clouds



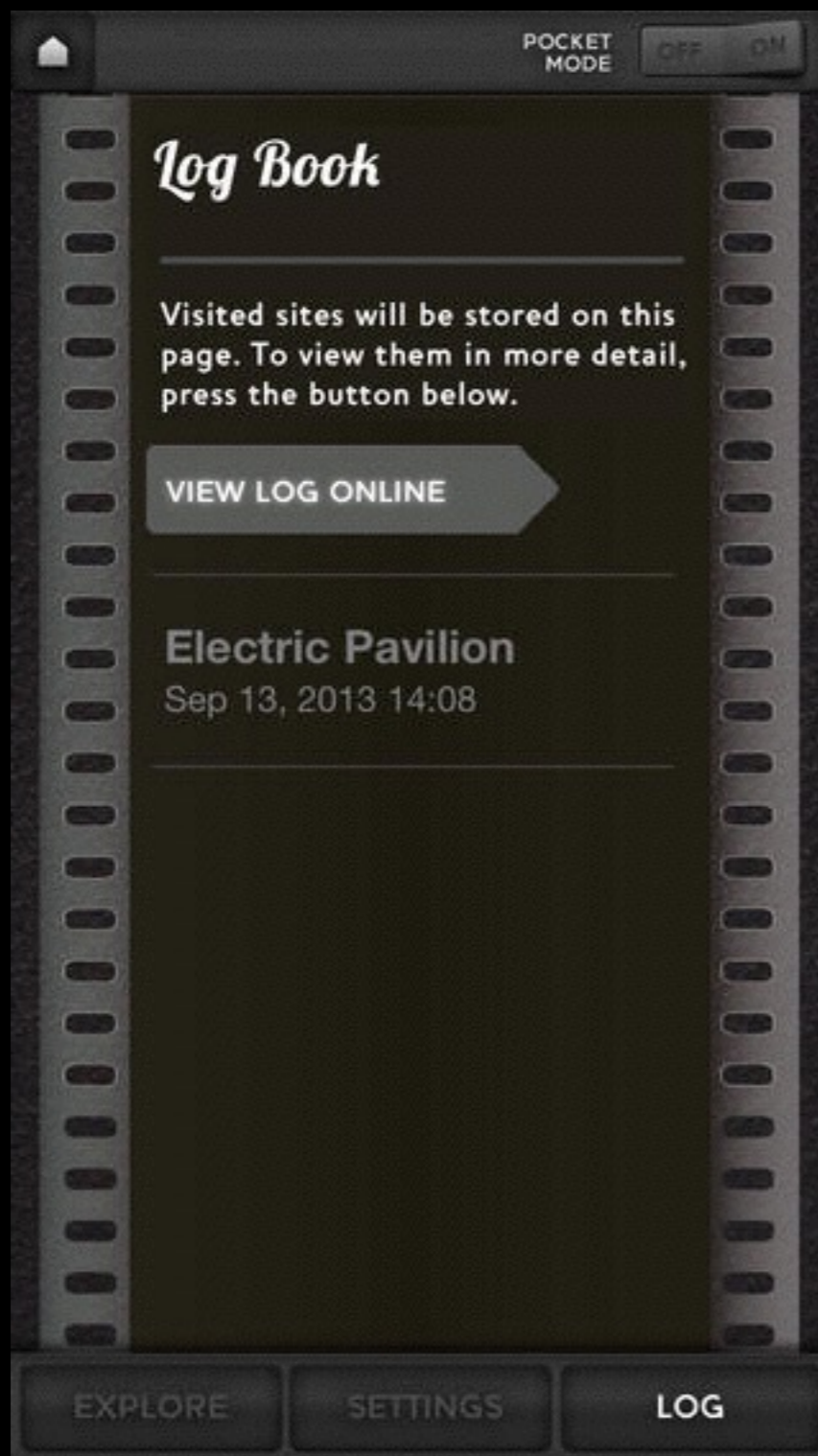
Sites with stories for multiple products



Story for a product at a specific site



Ghost Cinema
Speed, Barker et al





Treasure Trapper
Shingleton, Speed et al.

EDINBURGH MUSEUMS & GALLERIES

• EDINBURGH •
THE CITY OF EDINBURGH COUNCIL



Displays

The Library
at Lauriston Castle
2A Cramond Road South
Edinburgh

Our Museums & Galleries

City Art Centre
Museum of Childhood
Museum of Edinburgh
The People's Story
Museum
The Writers' Museum

Lauriston Castle
Queensferry Museum
Museums Collection
Centre
Travelling Gallery
Scott Monument

Nelson Monument
Other Monuments
The Old City Observatory
Trinity Apse

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[Museum locations](#)
[Monument locations](#)



26 April 2014 - 16 November 2014
**A - Z: AN ALPHABETICAL
TOUR OF SCOTTISH ART**
City Art Centre

Monday - Saturday 10am - 5pm;
Sunday 12pm - 5pm

Free



2 May 2014 - 28 June 2014
**STREET LIFE IN
VICTORIAN EDINBURGH:
THE COLOURFUL WORLD
OF NED HOLT**
Museum of Edinburgh

Monday - Saturday 10am - 5pm

Free



10 May 2014 - 6 July 2014
**A CAPITAL VIEW - THE ART
OF EDINBURGH**
City Art Centre

Monday - Saturday 10am - 5pm;
Sunday 12pm - 5pm

Free





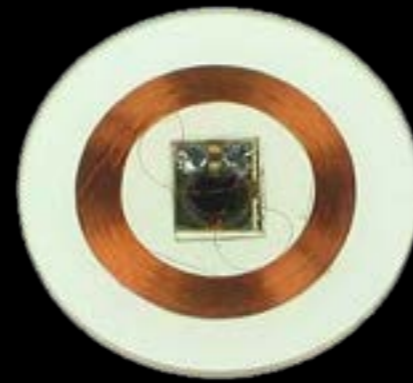
Lothian Buses Route Map

Call us for information on all our services

0131 555 6363

www.lothianbuses.com







mybus tracker
.co.uk

Online, iPhone, Android



Live bus info with
you on the go!







GREYFRIARS BOBBY
FROM THE LORD PROVOST
1867

A DAY IN THE LIFE OF SUSIE THE TREASURE TRAPPER...



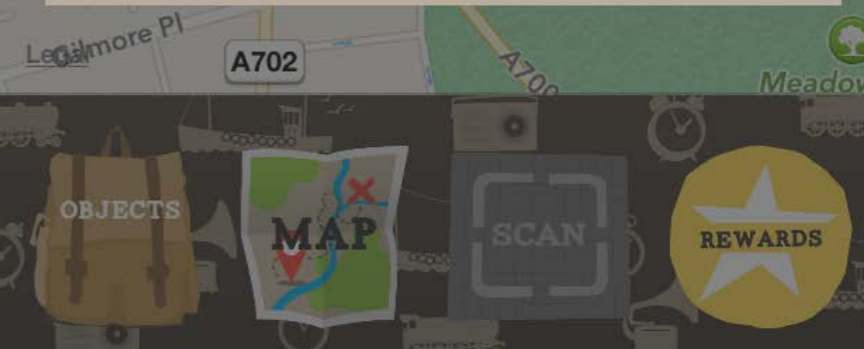
**OUT SHOPPING FOR THE DAY, SUSIE KEEPS A
WATCHFUL EYE OUT FOR TOURIST BUSES...**

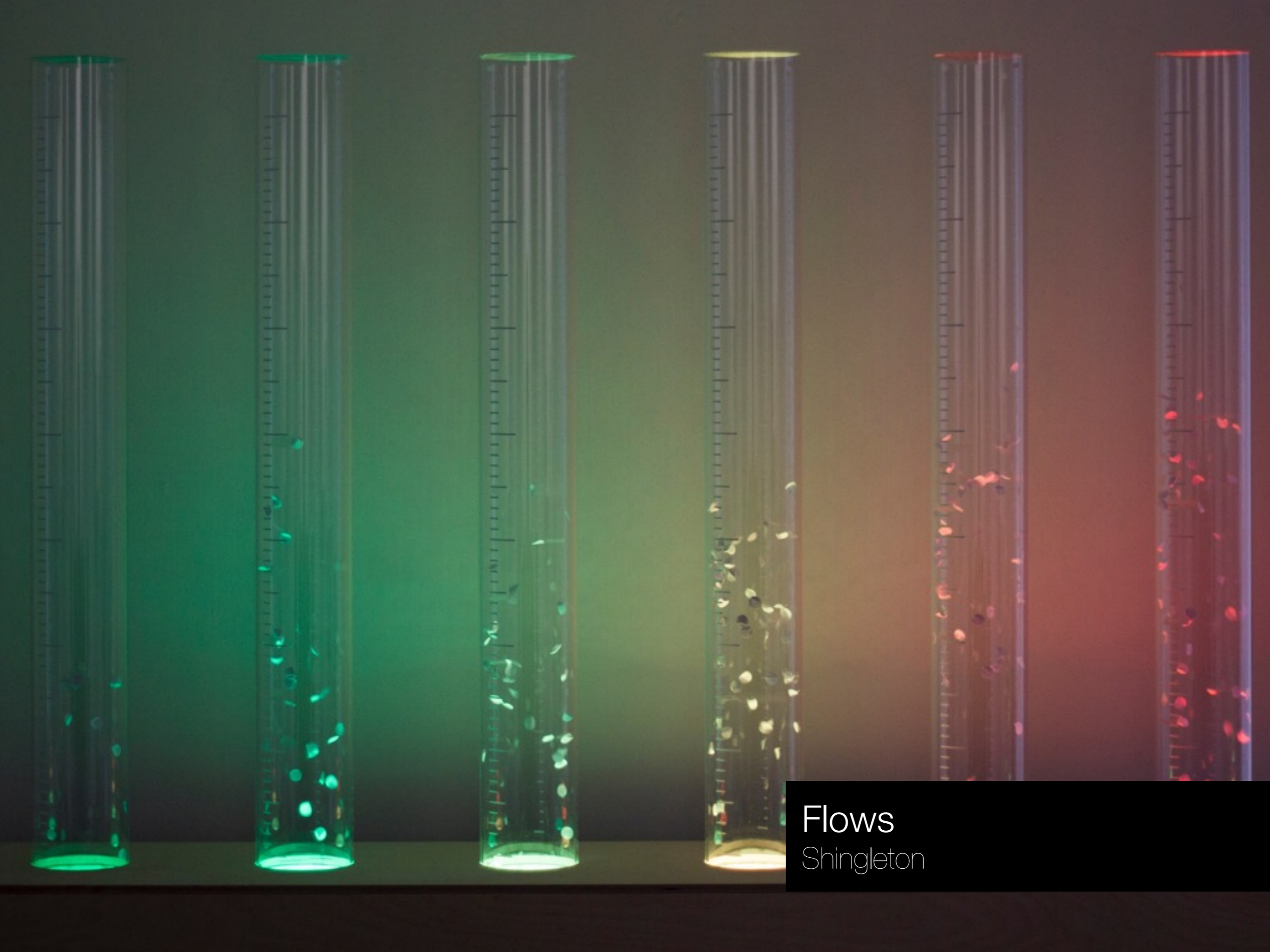


**THIS BUS HAS JUST PASSED THE
NELSON MONUMENT AND HAS
PICKED UP THE FAMOUS TIME BALL!**



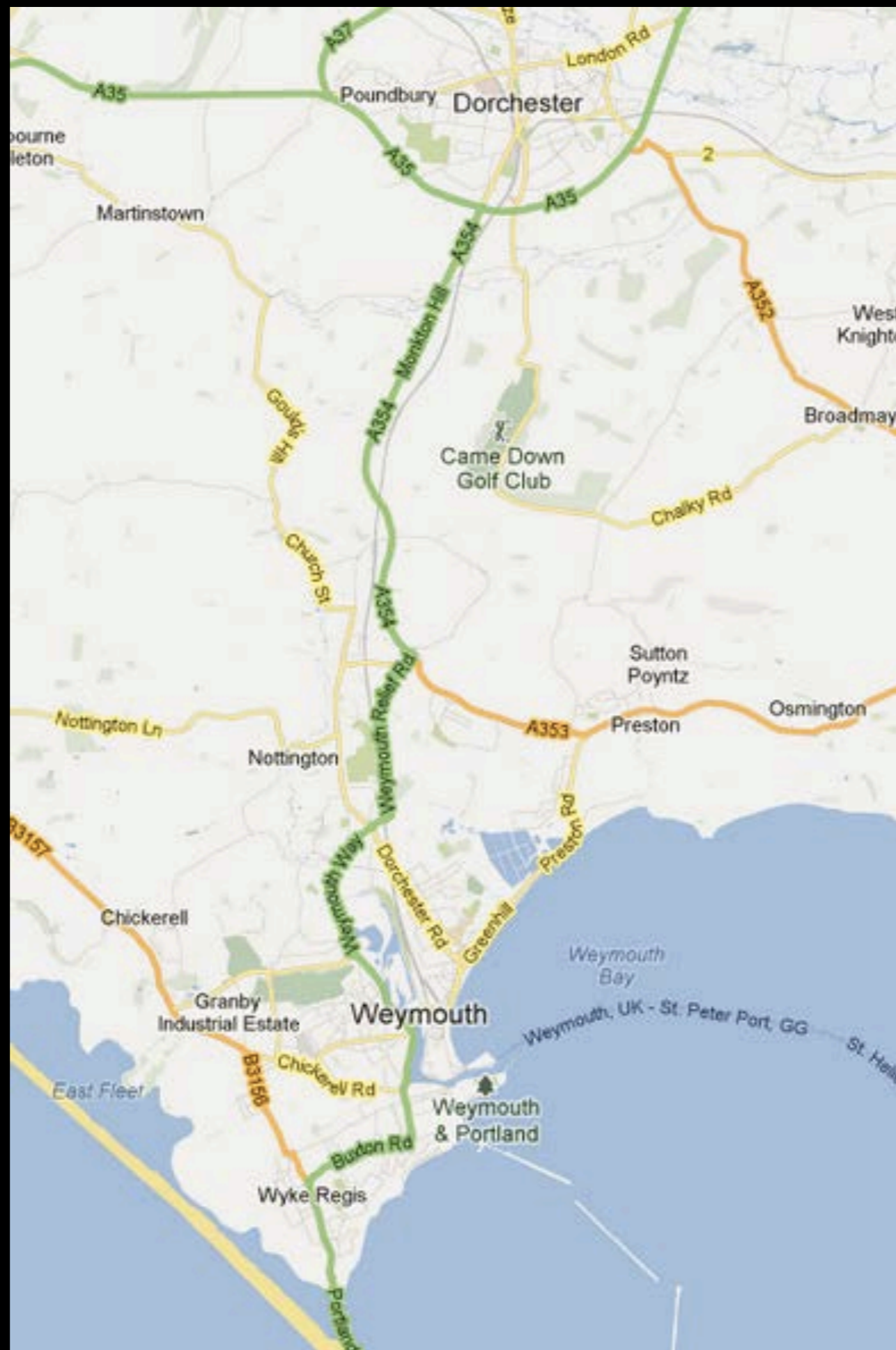
**QUICK THE
BUS DROPPED
THE BALL!**





Flows

Shingleton



MySQL 5.1.69-0ubuntu0.10.04.1 fields.ace.ed.ac.uk/TrafficData/dorsetanpr

SSH Connected

TrafficData

Select Database

Structure

Content

Relations

Triggers

Table Info

Query

Table History

Users

Console

TABLES

dorsetanpr

loc_api_keys

loc_camera_sites

loc_cars

loc_scans

PROCS & FUNCS

DeleteHistoric

GetCameraID

GetCameras

GetProcessCars

GetScans

InsertCar

InsertScan

TABLE INFORMATION

created: 29/05/2014

updated: 29/05/2014

engine: MyISAM

rows: 2,358,909

size: 76.5 MiB

encoding: utf8

Search: plate

Filter

plate	location	number	time
P394HMF	A11.1.SB.1	91	2014-03-31 00:00:14
P394HMF	A11.1.SB.1	91	2014-03-31 00:00:14
HY59LPV	A11.1.SB.1	91	2014-03-31 00:00:27
YMS3CBX	A3.1.SB.1	88	2014-03-31 00:01:02
HJ13ETR	A12.1.SB.1	91	2014-03-31 00:01:04
GW07CMK	A3.1.NB.1	88	2014-03-31 00:01:16
F526TBP	A16.1.OB.1	95	2014-03-31 00:01:21
SN12FXU	A3.1.NB.1	90	2014-03-31 00:01:50
X82SA	A12.1.NB.1	40	2014-03-31 00:02:01
RF51EXZ	A4.1.EB.1	94	2014-03-31 00:02:04
HX06RRY	A3.1.NB.1	89	2014-03-31 00:02:13
EO02XGW	A16.1.IB.1	85	2014-03-31 00:02:25
VN51JHV	A12.1.SB.1	90	2014-03-31 00:02:26
GV02SZL	A12.1.NB.1	73	2014-03-31 00:02:41
YT62BEY	A12.1.SB.1	96	2014-03-31 00:02:55
HG52BEO	A4.1.WB.1	71	2014-03-31 00:02:55
HG06WWE	A12.1.SB.1	88	2014-03-31 00:02:57
MV08HCX	A12.1.SB.1	92	2014-03-31 00:03:23
HF13FMM	A12.1.SB.1	92	2014-03-31 00:03:53
EO57HJA	A16.1.IB.1	85	2014-03-31 00:05:12
VN51JHV	A3.1.SB.1	90	2014-03-31 00:05:26
HJ13ETR	A3.1.SB.1	91	2014-03-31 00:05:32
X687BFH	A3.1.SB.1	88	2014-03-31 00:06:00
GW07CMK	A12.1.NB.1	91	2014-03-31 00:06:17
SN12FXU	A12.1.NB.1	87	2014-03-31 00:06:20
KP10WCX	A16.1.IB.1	94	2014-03-31 00:06:52
WF05WFM	A11.1.SB.1	62	2014-03-31 00:07:09
GP03KMV	A3.1.SB.1	94	2014-03-31 00:07:43
MV08HCX	A3.1.SB.1	87	2014-03-31 00:07:45
HD06GXP	A12.1.NB.1	86	2014-03-31 00:08:19
WA07RZD	A11.1.SB.1	89	2014-03-31 00:10:36
MK14ABF	A12.1.SB.1	90	2014-03-31 00:10:42
YT61NYC	A11.1.SB.1	95	2014-03-31 00:10:46
KD04AOE	A3.1.SB.1	74	2014-03-31 00:10:52
HG53UEX	A12.1.SB.1	88	2014-03-31 00:12:08
VW51JMV	A16.1.IB.1	74	2014-03-31 00:12:13
VX58CVY	A3.1.SB.1	90	2014-03-31 00:12:14
RR5MFM	A3.1.NB.1	92	2014-03-31 00:12:34

174,759 rows in partial load

6 ANPR Camera Sites on the A354
between Dorchester and Weymouth

35000 car number plates scanned every day

2 million cars scanned every month

[Home](#)[Samples](#)[Prices](#)[About](#)

Free Results for SD51WMX

Here are your free results, they are useful but they don't tell you everything about this vehicle:

Registration



Vehicle



Vehicle Checks

Exported

Not Exported

Road Tax Status

**Expires Soon: 01 July 2014
(29 days left)**MOT Status ***New*****Expires : 22 April 2015
(324 days left)**

VIC Marker

No

Note: If a car is written off by an insurance company, they will usually tell DVLA so that a VIC marker can be put on the vehicle record. [Read more](#)

Details

Manufacturer	Volkswagen
Colour	Silver
Fuel Type	Diesel
Engine Size	1896cc
Estimated Avg. Mileage	144,300 miles

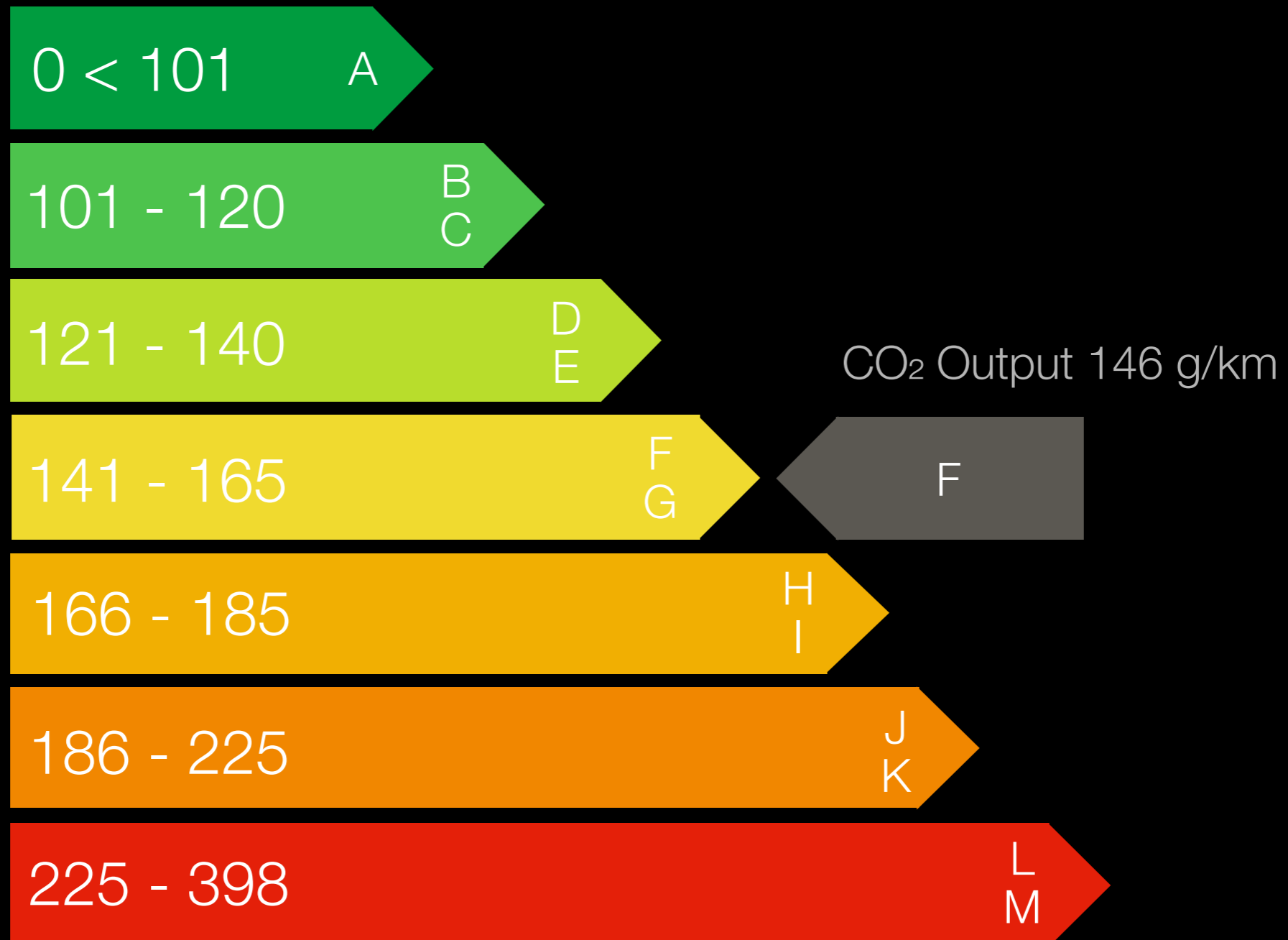
Road Tax and Registration

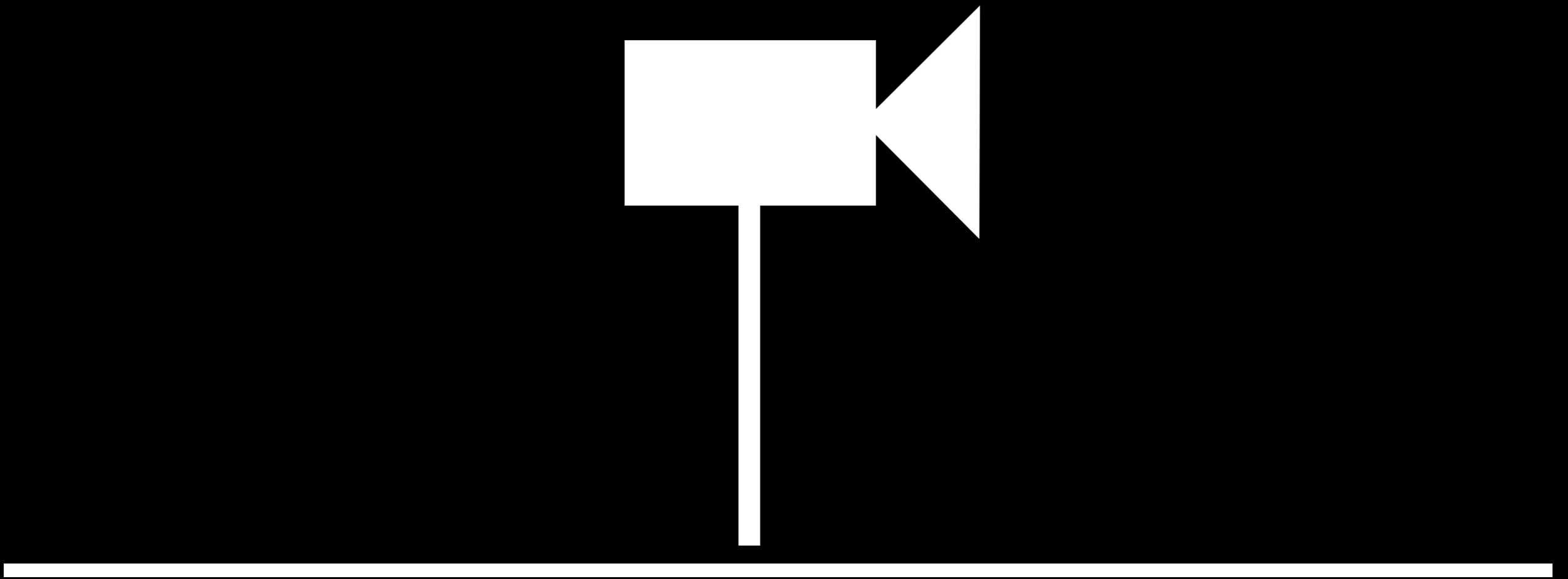
Road Tax 12 Months	£145.00
Road Tax 6 Months	£79.75
Registration Date	13 November 2001
Vehicle Age	12 years 6 months
Reg. Local/District Office	DVLA Glasgow/Scotland

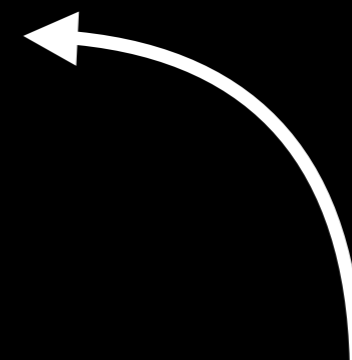
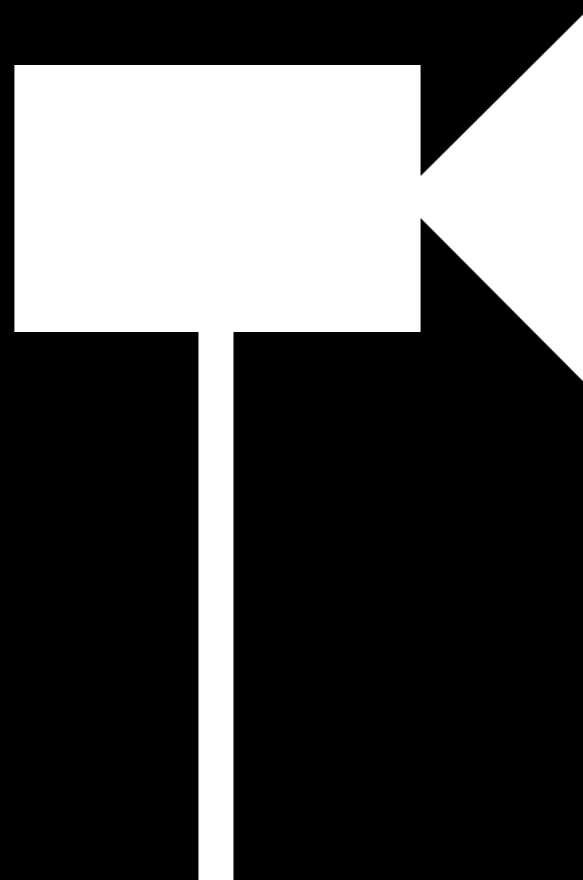
CO₂ Emissions

CO₂ Output **146 g/km**

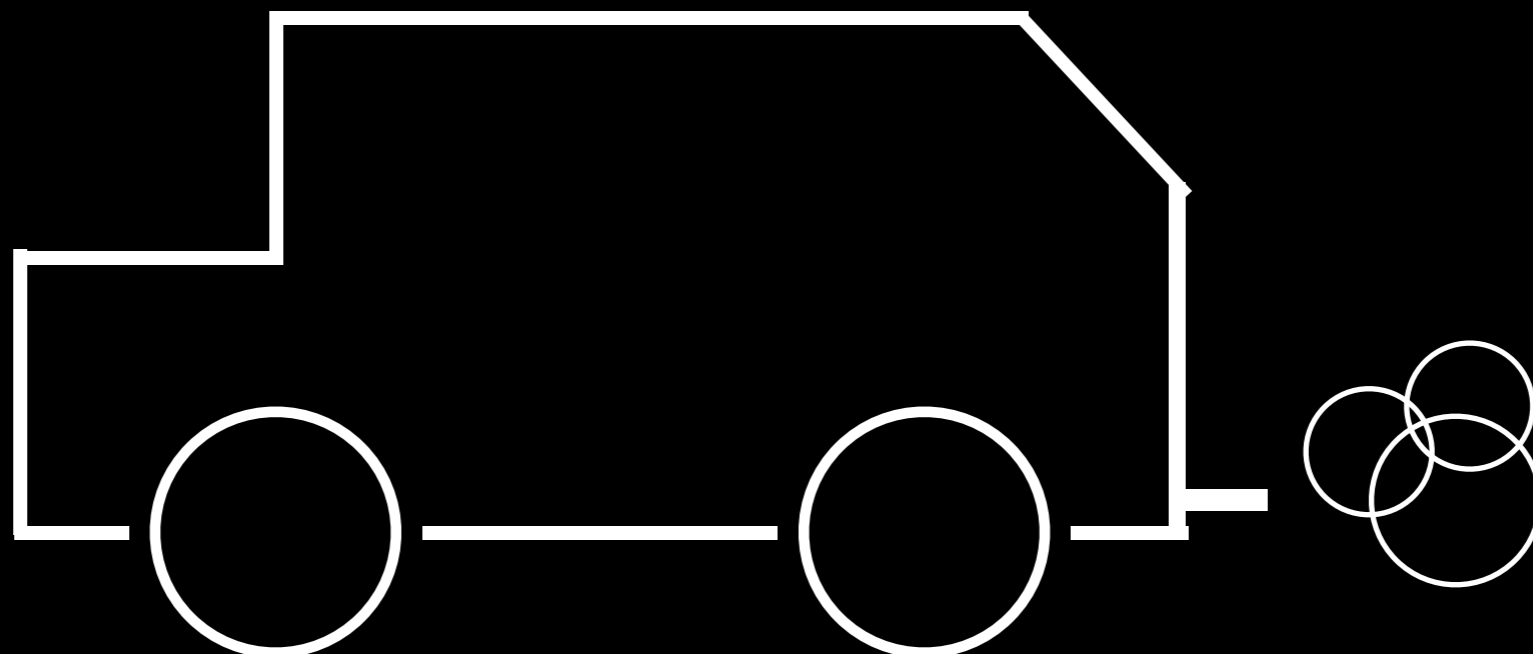
Please note that if this vehicle has been taxed, SORN or had an MOT in the

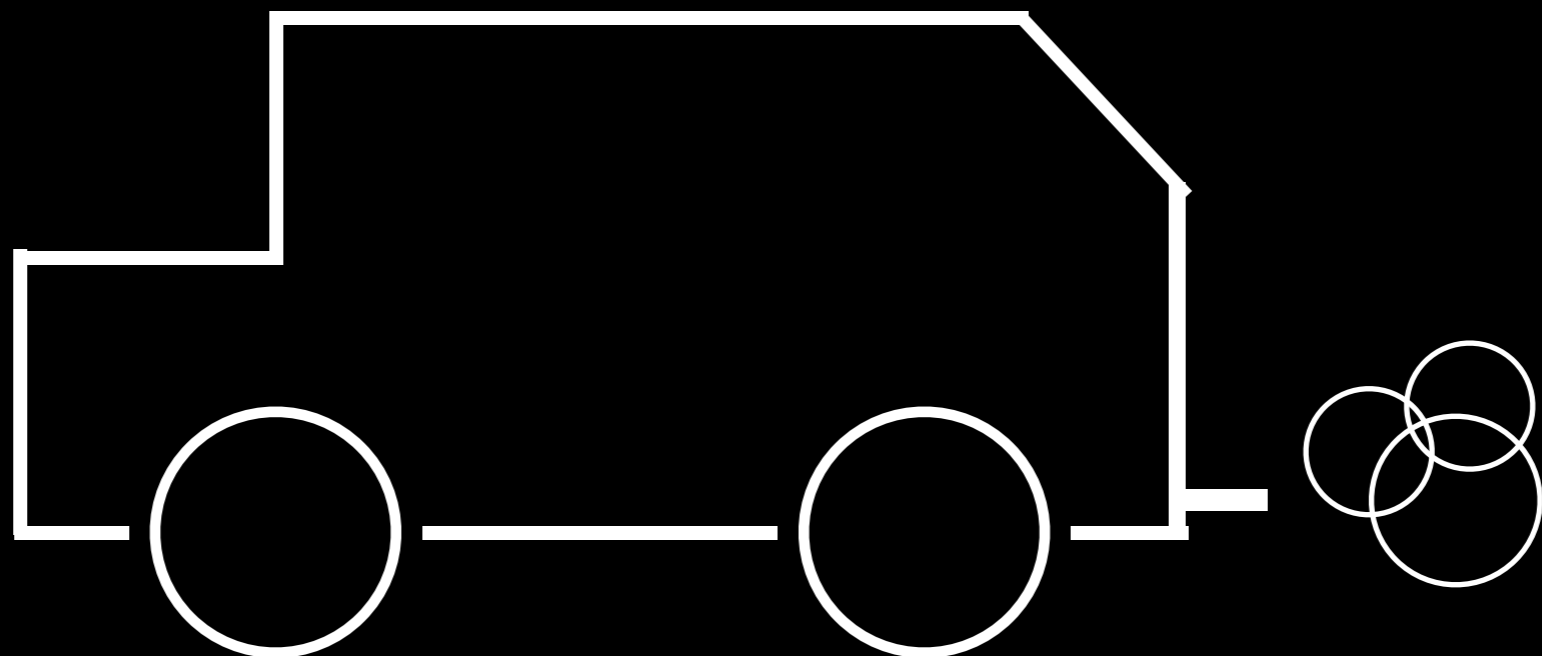
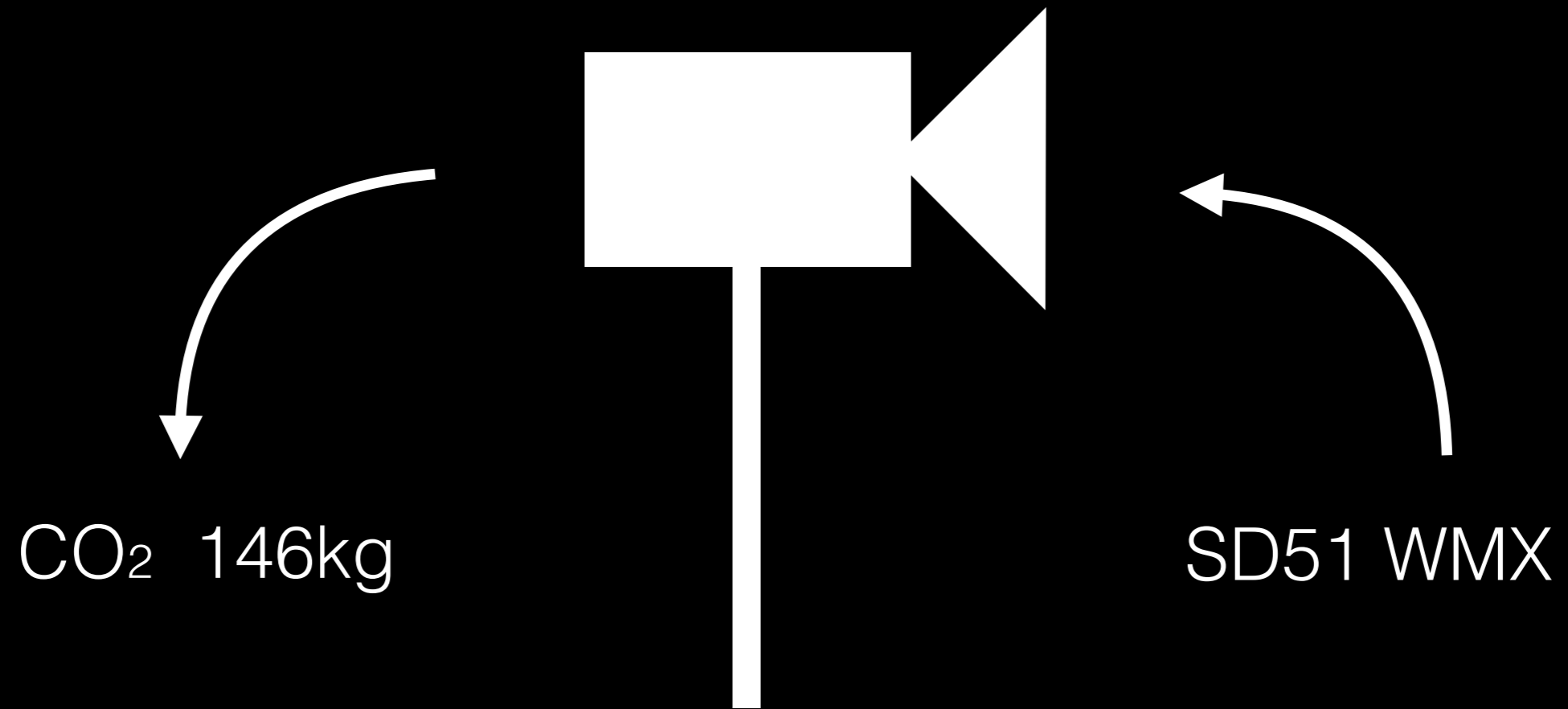






SD51 WMX





Dorchester

Weymouth

CO₂ 3897kg

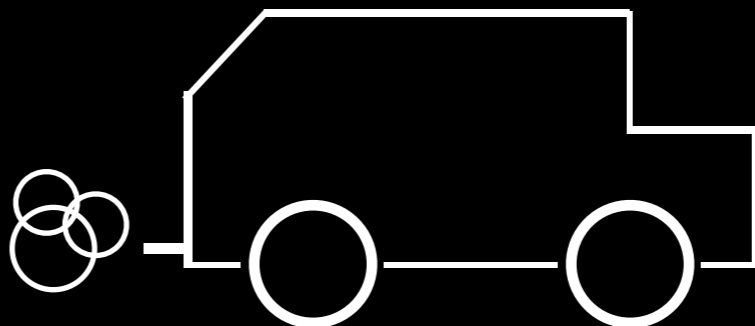
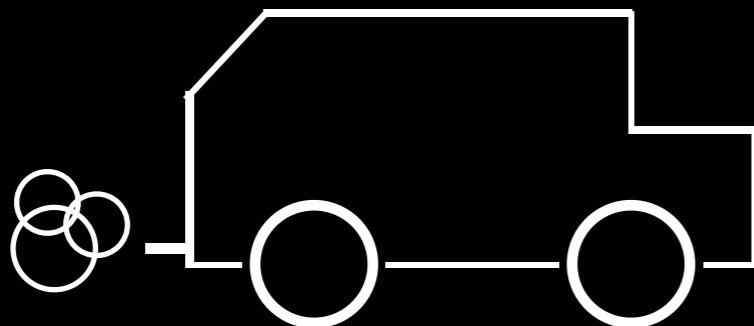
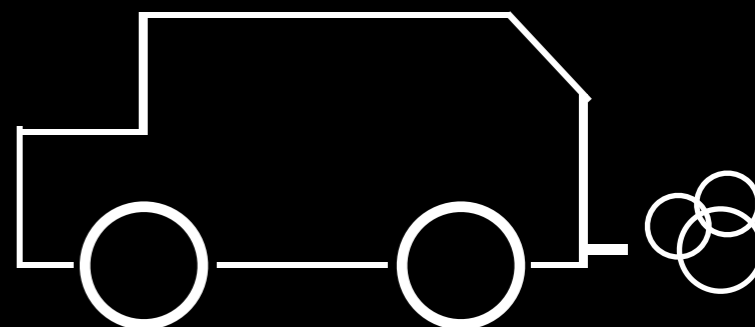
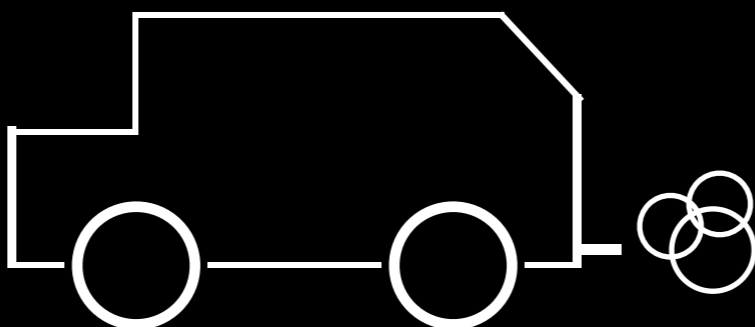
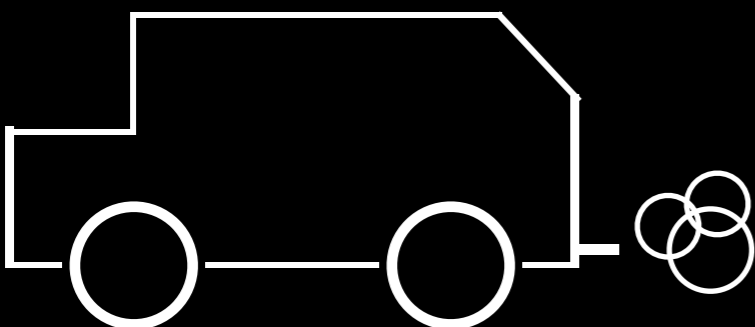
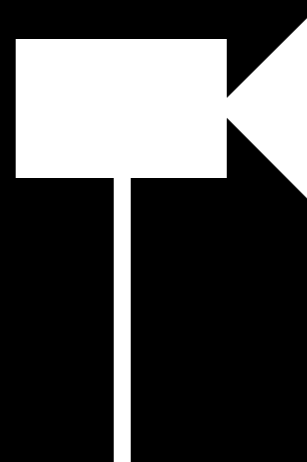
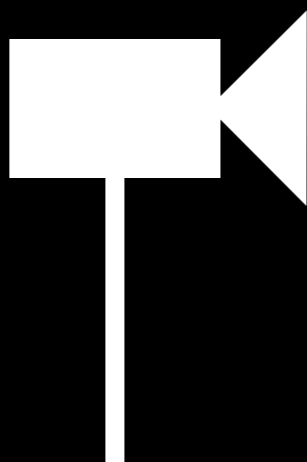
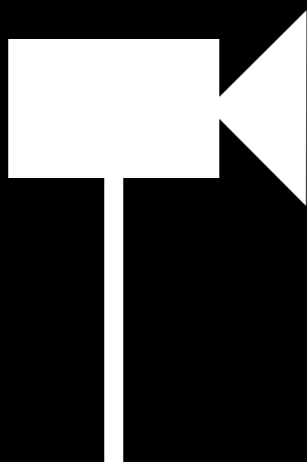
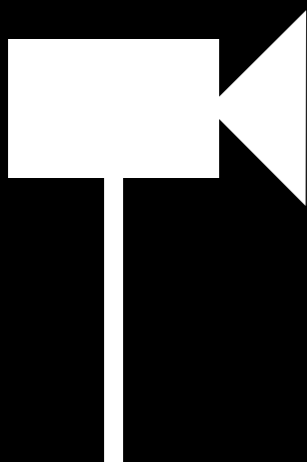
CO₂ 542kg

CO₂ 1098kg

CO₂ 76kg

CO₂ 234kg

CO₂ 890kg



DELIMITER \$\$

```
CREATE DEFINER=`trafdat`@`%` PROCEDURE `GetScans`(  
    IN apikey VARCHAR(50),  
    IN direction VARCHAR(1),  
    IN sites VARCHAR(50),  
    IN lowersite INT,  
    IN uppersite INT,  
    IN hours INT,  
    IN minutes INT,  
    IN lowertime VARCHAR(20),  
    IN uppertime VARCHAR(20)  
)  
BEGIN  
  
    CALL DeleteHistoric();  
  
    SET @query="SELECT c.plate, s.accuracy, s.ts, cs.site_number, cs.travel_direction, cs.latitude, cs.longitude  
FROM ioc_scans s  
INNER JOIN ioc_cars c ON c.id = s.car_id  
INNER JOIN ioc_camera_sites cs ON cs.id = s.camera_id  
INNER JOIN ioc_api_keys ak ON ak.key LIKE ";  
    SET @query = CONCAT(@query, apikey);  
    SET @query = CONCAT(@query, " WHERE 1=1");  
  
    IF direction NOT LIKE " THEN  
        SET @query = CONCAT(@query, " AND cs.travel_direction LIKE ");  
        SET @query = CONCAT(@query, direction);  
        SET @query = CONCAT(@query, "");  
    END IF;  
  
    IF sites NOT LIKE " THEN  
        SET @query = CONCAT(@query, " AND cs.site_number IN (");  
        SET @query = CONCAT(@query, sites);  
        SET @query = CONCAT(@query, ");");  
    END IF;  
  
    IF sites LIKE " AND lowersite <> 0 AND uppersite <> 0 THEN  
        SET @query = CONCAT(@query, " AND cs.site_number >= ");  
        SET @query = CONCAT(@query, lowersite);  
        SET @query = CONCAT(@query, " AND cs.site_number <= ");  
        SET @query = CONCAT(@query, uppersite);  
  
    END IF;  
  
    IF hours <> 0 THEN  
        SET @query = CONCAT(@query, " AND TIME(s.ts) >= TIME(NOW() - INTERVAL ");  
        SET @query = CONCAT(@query, hours);
```

```
{“anprscans”:[{“site_number”:  
“7”,“total_co2”:”221”,“latitude”:”50.60051667”,“longitude”:  
“-2.46190734”, “vehicles”:[{  
    {“plate”:”R107LKN ”,“accuracy”:”87”,“ts”:”2014-02-27  
12:09:56”,“travel_direction”:”N”,“co2_output”:”75”},  
    {“plate”:”SD51WMX ”,“accuracy”:”87”,“ts”:”2014-02-27  
12:09:07”,“travel_direction”:”S”,“co2_output”:”146”}}]  
}]}
```





