

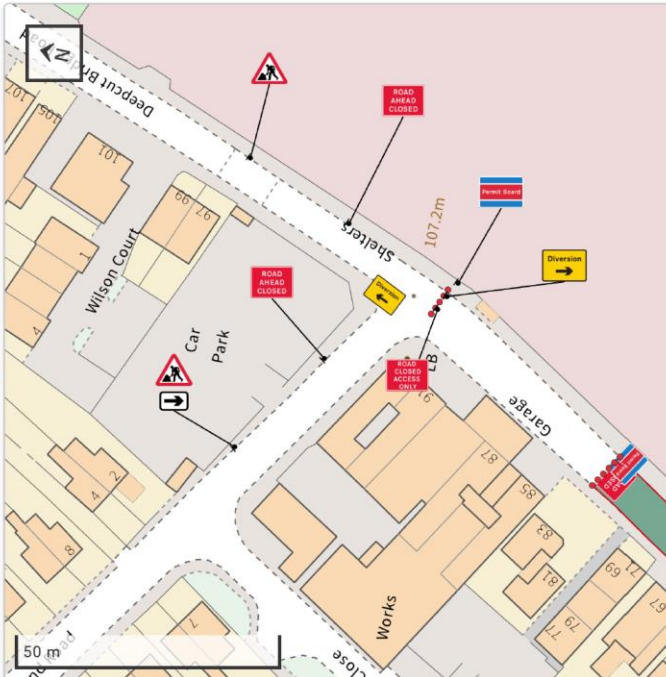
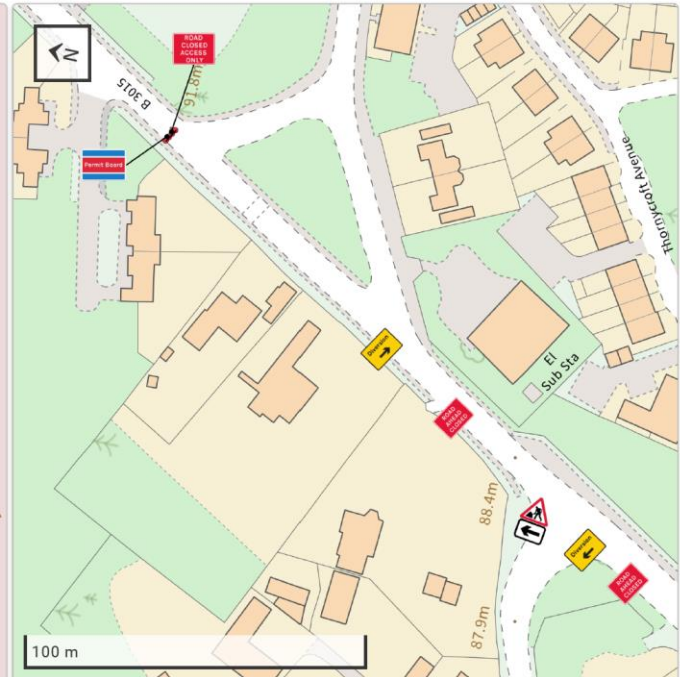
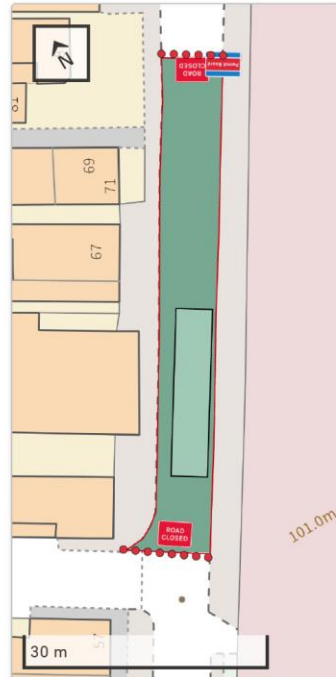
1 streetworks

by 1 spatial

A year in market and
what have we learned?



Andrew Fennell



Diversion Inventory

Equipment	Qty
Diversion Ahead (2702)	4
Diversion Ends (2702V)	4
Diverted Traffic Left (2703)	8
Diverted Traffic Right (2703)	6
Diverted Traffic Chevron Left (2704)	22
Diverted Traffic Chevron Right (2704)	6
Diverted Traffic Roundabout Left (2706)	2
Diverted Traffic Roundabout Straight (2706)	8
Diverted Traffic Roundabout Right (2706)	4



Plan Inventory

Equipment	Qty
Roadworks (7001)	4
Road Ahead Closed (7010b)	4
Road Closed (7010.1a)	2
Road Closed Access Only (7010.1b)	2
Diversion Left (2702)	2
Diversion Right (2702)	2

Equipment	Qty
Permit Board	3
Arrow Left	1
Arrow Right	1
Traffic Cone	23
Pedestrian Barrier	139.15 m
A-frame	16

Plan Features

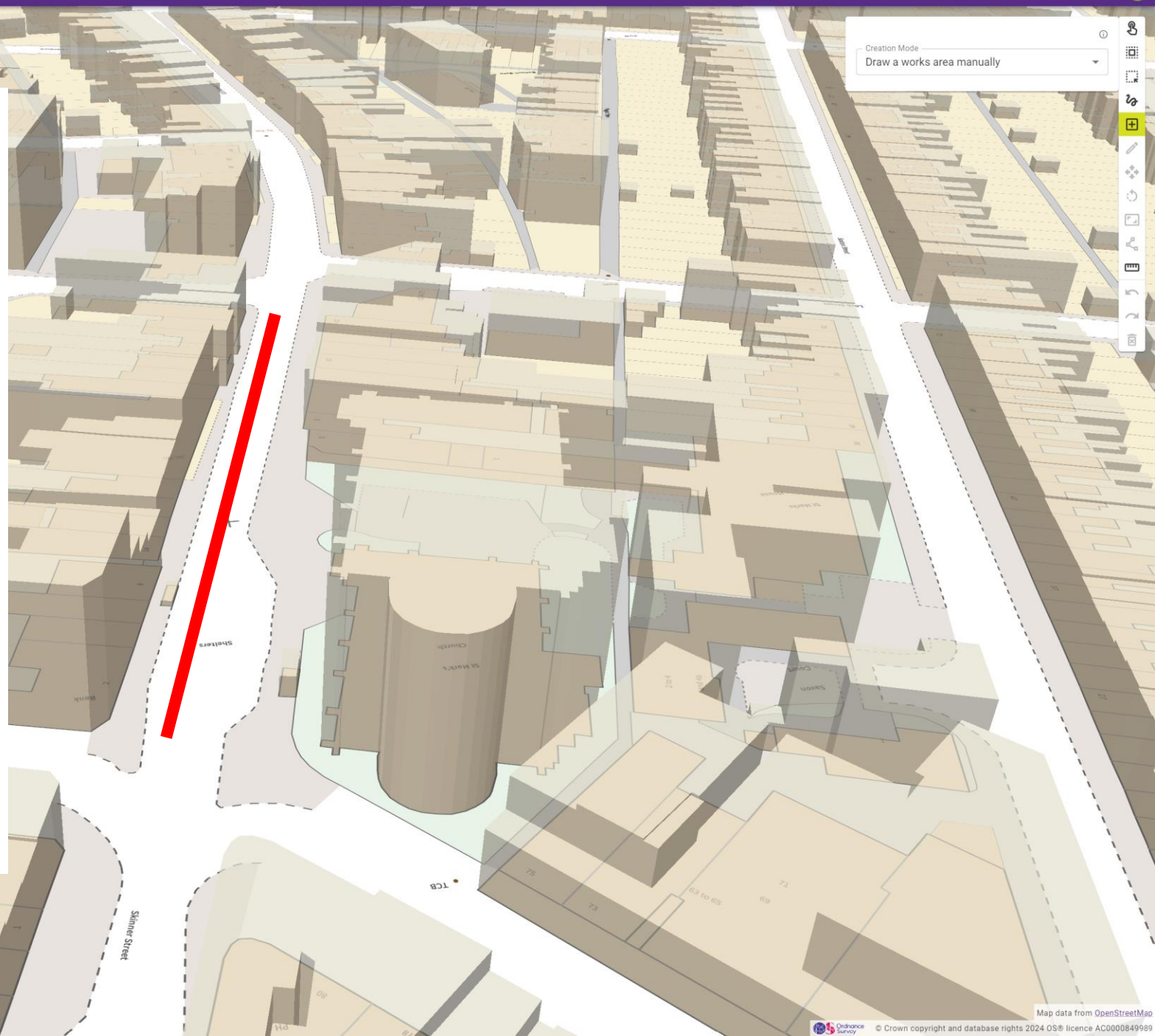
- Traffic Cone
- Works Area
- Working Space
- Pedestrian Barrier

Diversion Routes

- Local Traffic
- Local Traffic
- HGV and Main Route
- HGV and Main Route

Authority and agent recommended full closure to maintain passing width.


- Long lead time due to TTRO.
- Unhappy customer due to cost.
- Increase in congestion and decrease in air quality.
- Impact on business revenues during closure.
- Bus route diversion required inconveniencing public.
- Vehicle diversion impacting car and good vehicles.







Creation Mode
Draw a works area manually

10 x Faster, 10 x Cheaper, 10 x Happier



Plan name	520097528	Planned start	22 Feb 2024, 08:00	Notes	
Reference	520097528	Planned end	23 Feb 2024, 17:00		
Plan location	soon.menu.even	Active working hours	24 hours/day		
Centre of works area	slio.ring.tune	Created at	22 Feb 2024, 10:26:04		
USRN	32100307	Created by	Maxwell Farrelly		
Speed of road		This copy generated	22 Feb 2024, 11:39:21		
Statutory undertaker	UK POWER DISTRIBUTION LIMITED	Produced by	UK Power Networks		
SWA Code	TV-7361				

Plan Inventory	Equipment	Qty
	Pedestrians Left (7018)	1
	Pedestrians Right (7018)	1
	Roadworks (7001)	4
	Narrows Left (517)	1
	Narrows Right (517)	1
	Traffic Signals (543)	2
	Wait Red (7011)	2
	Keep Left (610)	2
	Keep Right (610)	4
	Permit Board	1
	End (645)	2
	Single File (518)	2
	Red and White	1
	Traffic Cone	15
	Pedestrian Barrier	10.86 m
	Pedestrian Ramp	2
	Traffic Signals	2
	A-frame	18



- Met at the location
- Rapid optionerring
- Agreed to use customers carpark

- No road closure
- No diversion
- Access maintained

- TTRO avoided
- Passing width 4M
- Minimum disruption

10,000 Traffic Management Plans – 2 hours

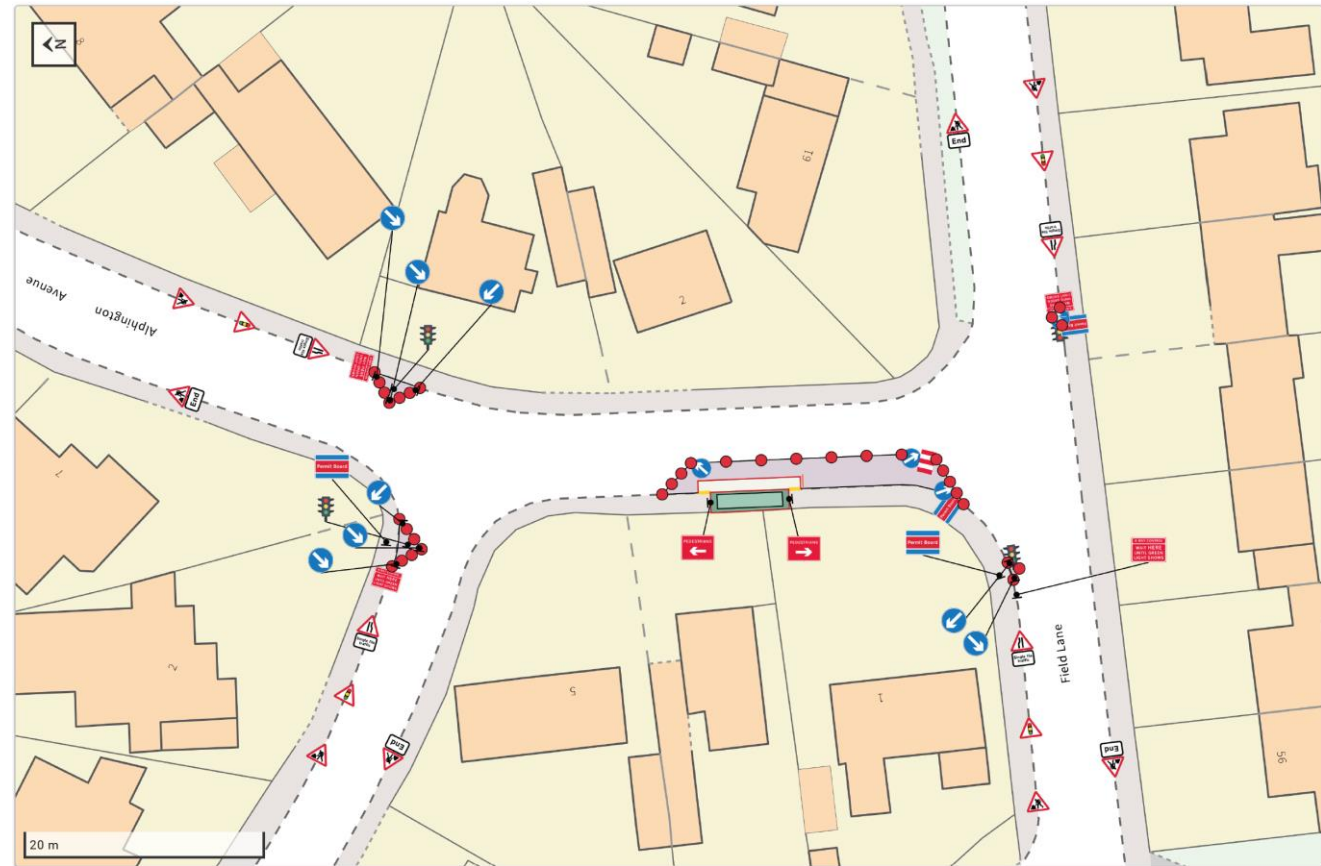


Low Voltage Linkbox

- Load all locations and run all plans in advance.
- Identify issues months before works commence.
- Review closures and reduce where possible.
- Early engagement with communities, authorities and supply chain.
- Opportunities for collaboration with other utilities.

The public and the Authority

- Consistent Site-Specific Plans.
- Simplify decision making.
- Fast edits, updates & agreements.
- Less road closures.
- Reduce congestion and improve air quality.



The infrastructure owners

- Exceed regulatory key performance indicators.
- Significantly improve customer service.
- Enable multi-utility collaboration.
- Reactive works – safe, compliant plan within minutes.
- Proactive works – establish delivery plans weeks, months, years in advance.



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5 minutes and done...!

Enjoy your lunch...!



Andrew Fennell