



Forward Works Viewer

Digital Auckland

Application Overview

The Forward Works Viewer has the following functionality

- Login
- Landing page
- Map
- Add new project
- Data quality

Landing Page

Contains

- Latest projects
- Introduction
- What's new
- Links to
 - Data quality
 - User guide

FORWARD WORKS NEW PROJECT MAP 🔍 LOG OUT | SIAN.KILLICK@AUCKLANDTRANSPORT.GOV.TZ - CHRISTCHURCH...

Hi sian.killick@aucklandtransport.govt.nz, welcome to Forward Works Viewer

Project updates

| | |
|---|-------------|
| #25550 Jeremy Test 45 | a day ago |
| #25557 Jeremy test456767 | a day ago |
| #25555 SIAN 2 | 3 days ago |
| #25553 Sian2 | 3 days ago |
| #23030 F105 Bridge of Remembrance | 15 days ago |
| #25545 Jeremy test 43345 | 16 days ago |
| #25540 JBG Test | 16 days ago |
| #14319 Central City South of the Avon - Southern Area Wastewater (WW) | 21 days ago |
| #14258 Central City Southern Area, West of Manchester (WW) | 21 days ago |
| #14237 CBD - North Core (WW) | 22 days ago |

Forward Works Viewer Introduction

Welcome to the Forward Works Viewer, an online tool that can be used to coordinate the rebuild activity in Christchurch. This Viewer has been developed by the Canterbury Spatial Data Infrastructure (SDI) Programme, which is led by Land Information New Zealand (LINZ).

The Forward Works Viewer helps project planners to share information about current and planned vertical and horizontal construction, and repair and maintenance activities. Forecasted rebuild activity can be visualised by location and time, which will help to identify project clashes, network impacts, and opportunities for coordination.

Where the data comes from

The data within this Viewer has been provided by public and private organisations involved in the rebuild of Christchurch's infrastructure. Contextual data that can assist with project planning is also available.

Data can be added directly into the system via the project input screen, or it can be provided by electronic data feed e.g. Web Feature Service, REST.

[VIEW DATA QUALITY](#)

[VIEW USER GUIDE](#)

Latest features added

Traffic Impacts

Creating a new Traffic Impact screen, which will allow users to...

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Browser address bar: <https://fwsc.geocirrus.co.nz/#/map>

Navigation: FORWARD WORKS | NEW PROJECT | MAP | LOG OUT | SIAN.KILLICK@AUCKLANDTRANSPORT.GOV.TZ - CHRISTCHURCH...

Map Layers:

- Impacts
- Horizontal Projects
- Vertical Projects
- Events
- Clashes
- Completed Projects
- Contextual Data

Map controls: < | + | - | > | BASE MAP

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Add a new project

The creation of a new project is a four step process:

- Basic data
- Extent on the map
- Stages with impacts
- Mapping of impacts

Once that is complete the solution provides an evaluation of clashes and opportunities

Data Quality

FORWARD WORKS

NEW PROJECT

MAP



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Organisation Data Quality Overview

100% of your projects have missing data!



2 of your projects have missing contact details.

This indicates when a contact exists for a project, but some information is missing



Oldest updated projects.

Projects that have not been updated recently may have incorrect information



Incomplete projects.

Use this table to find Projects that have finish dates in the past but are not marked as 'Completed'



Contextual Data (example)

- Contextual Data
 - Land Parcels
 - Section 45 Prohibited A...
 - Section 45 Restricted Ar...
 - Temporary Off Street P...
 - + Parking Zone
 - Strategy and Planning
 - + Haulage Routes
 - Christchurch City Wards
 - + Demolitions
 - Occupancy Consents
 - Consents
 - SCIRT Project Boundaries

- Parking Zone
- Access/vehicle cross...
- Bicycle stand
- Bus stop
- Disabled parking
- Kerb build out
- Loading bay
- Motorcycle parking
- No parking
- No restriction
- Resident parking
- Short kerb
- Taxi stand

- Haulage Routes
- Over Dimension Routes
- Overweight Routes

- Demolitions
 - Demolished
 - Partial
 - Works Underway

Data on boarding

Application allows for three forms of data upload:

- Direct input via the URL
- FME feed – set up a standard template – spreadsheet and upload from that
- Data feed

What next?

- Digital Auckland is talking to representatives of key organisations targeted to take data from
- Where possible data will be drawn from sources already populated e.g. CAR manager in AT
- Plan will be created to bring on other data sources in a timely and controlled manner, using the simplest and least intrusive method possible – agreed on a case by case basis
- Plan to get an empty system up and running by approx. April 2016

What's in it for me?

- Easy access to project information that identifies potential clashes and opportunities
- Potential to save costs through better collaboration with CCO's and private commercial entities
- IT IS FREE



Questions
?