

PROJECT SERVICES



Special Projects

Roading & Water Projects

Contract Management

Independent Quality Control

Aftercare

PROJECT SERVICES



Overview

Project Services has three main functions or services it provides to other sections within the Council.

- Project management of key flagship and strategic projects (Special Projects)
- Professional services relating to roading, parks and water (three-waters) projects
- Contract management and quality control



Accurate survey information forms an essential part of the works

Governing regulations

- Local Government Act
- Resource Management Act
- Health & Safety in Employment Act
- Construction Contracts Act
- Building Act
- District Plan
- Plumbing and Drainage Act
- Land Act



Tsunami warning system

Funding

Funding comes from project budgets which are a combination of loans, subsidies, rates and external funding.



Providing road widening for improved safety and swale drains for sustainable water quality collection

Sustainability objectives

To ensure that projects are designed and built to meet the current needs of the community without compromising the ability of future generations to meet their needs

Environmental objectives

To ensure designs improve the management of the land and infrastructure, and that the implementation is undertaken in a way that protects the environment

Cultural objectives

To ensure that projects are designed and built that function to meet the cultural needs of the community

Economic objectives

To ensure that the Council and the community receive best value for professional services and procurement of physical contracts

Social objectives

To ensure that projects are designed and built that function to meet the social needs of the community

PROJECT SERVICES

How we contribute to community outcomes

Community Outcome	Our contribution
Green Network—He tuituitanga kakariki	<ul style="list-style-type: none"> Planting appropriate plant species as part of the work programme.
Strong Communities—He iwi kaha	<ul style="list-style-type: none"> Facilitating community input through consultation. Implementation of infrastructure projects that promote community services and parks/recreational use.
Strong Economy—He tupuranga kaha ihi wana	<ul style="list-style-type: none"> Providing infrastructure and facilities which are essential for economic strength and business growth.
Sustainable and Integrated Transport—Kauneke Tauwhiro me te Whakaurunga Taiao	<ul style="list-style-type: none"> Construction of roading network including transport interchanges, park and ride facilities, bus shelters, footpaths and cycleways. Maintenance of existing roads and footpaths. Integration of Council infrastructure associated with rail.
Sustainable Environment—Kauneke Tauwhiro Taiao	<ul style="list-style-type: none"> Leading edge sustainable design practices in wastewater, stormwater and water supply capital works programmes (upgrading and renewals). Use of low impact design. Practice of sound environmental management.
Urban and Rural Villages—Nga kainga taone, tuawhenua	<ul style="list-style-type: none"> Building new council owned buildings such as libraries, community centres and youth facilities. Healthy homes through first class wastewater, stormwater and water supply infrastructure. Upgrading and maintenance of the infrastructure to provide a safe and efficient transport network.
Vibrant Arts and Culture—Toi me naga Tikanga Taketake	<ul style="list-style-type: none"> Inclusion of artwork with all flagship projects.
Environmental Protection—Waiora	<ul style="list-style-type: none"> Appropriate management of wastewater and stormwater. Managing erosion and sediment discharges from work sites. Preservation of trees and vegetation during construction.
Working Together—Te Mahi Tahī	<ul style="list-style-type: none"> Collaborative approach. Open consultation. Community input.

Typical of the projects that are delivered that create regional recreational facilities is this grandstand at the Waitakere Stadium



PROJECT SERVICES

Special Projects

Council delivers its flagship and key strategic projects through Special Projects in collaboration with other units of Council. The key services include:

- All aspects of programme, project and contract procurement management including development of project plans, budget, timelines, quality, risk, communication and stakeholder management.
- Provision of technical expertise and value engineering.
- Parks asset renewals and capital works projects.
- Significant role in CDEM Recovery Management activities.



*Projects delivered that promote safe walkways/
cycleways for community use*



Civil Defence Emergency Operations Centre

PROJECT SERVICES

Special Projects

Key projects for 2009/2010

Project	Description
Wilsher Village redevelopment	Overview project management role on behalf of Council interests.
McLaren Park Henderson South Community facility	Proposed new community facility at McLaren Park.
Sturges Road bridge (over railway line)	New road bridge to accommodate double track and future electrification of rail services.
Ken Maunder Footbridge	Replacement of existing footbridge at Ken Maunder Park.
Westgate Library	Development of a new library at Westgate
Lopdell House redevelopment	Refurbishment and redevelopment of existing heritage building.
Ranui Library development	Construction of a larger library in Ranui to accommodate increased demand.
New Lynn Transport Oriented Development (road/rail works)	Programme and Project Management services for the proposed transport interchange and associated road works.



*Artists impression of the
New Lynn Interchange Concourse*

*Artists impression of the New Lynn
rail station interchange*



PROJECT SERVICES

Roading and Water Projects

The primary focus of these Project Services sections is supporting the Asset Management sections (Transport Assets and EcoWater) in the delivery of their Annual Plan work programmes and in the management of their ongoing maintenance programmes.

Roading Projects are required to provide quotations for each project, and costs are recovered through internal charging. This enables the Asset Management area to receive project funding from the New Zealand Transport Agency, keep accountability and transparency at a high level and gives a means to benchmark costs with those of external providers.

Key services

Civil works

- Providing survey and drafting services
- Feasibility investigations.
- Public consultation, resource consent procedures and applications.
- Design, maintenance and upgrading or replacement of Council roading, wastewater, stormwater and water infrastructure to accepted standards and codes of practice.



Delivery of projects underground



Project management

- Construction supervision.
- Project and engineering management services for roading, parks, wastewater, stormwater and water supply projects.
- Full project management of new capital expenditure works from feasibility studies and design, through to construction.

Contract Management

- Tendering.
- Contract documentation, tender processes, evaluation and award.
- Acting as “Engineer to Contract” contract management (quality assurance, process assurance, risk management, supervision and monitoring, health and safety audit and contract administration).
- Contract dispute adjudication, claims reviews and recommendations.
- Performance reporting.



Solutions to projects to improve vehicle and pedestrian safety

PROJECT SERVICES

Contract Management & Independent Quality Control

The key services provided by this team include:

- Provision of expert and professional advice in procurement, contract management, contract issues and disputes.
- Review of designs and documentation.
- Independent site audits of quality, health and safety and environmental compliance.
- Represent Council on Regional Working Groups in procurement/contract management/benchmarking/quality and environmental control and health and safety.
- Independent audits of contract processes.
- Provision of risk management services for projects and contracts.
- Provision of contract management training and competence assessment.



Slip remediation and pedestrian access



Provision of Park & Ride facilities for the community



Independent quality control inspections