Forming a native, green corridor -> Linking the Moutere Inlet and Waimea Estuary <-



Te Mamaku Drive **Native Corridor Project**

consistent with the outcomes of the Kotahitanga mo te Taiao Strategy

Star Sponsors: RĀTĀ Foundation, Lottery Environment & Heritage, Restoring the Moutere /(TET), Nelson Building Society NBS, Pub Charity, NZMCA, Trees That Count, Landcare Trust-OneTree Rā Rākau Tītapu - King Charles III Coronation Plantings Sponsor and Supporters: TDC, Network Tasman, **David Easton, Whenua Iti Outdoors**



Coastal Tasman - experience our unique location

What we want:

- * restoring biodiversity and providing a native bird corridor between the estuaries
- * beautifying the popular **Dicker Ridge Track for** walking & cycling
- * defining the gateway to Motueka & the Abel **Tasman National Park**
- * creating opportunities for community involvement to learn and take care of our local environment
- * providing a medium for Nelson/Tasman businesses to offset their carbon footprint

Who we are:

- * dedicated locals caring for our environment
- * organised under the umbrella of TACA (Tasman Area Community Association)

Why we are doing it?

- * the corridor is mainly surplus crown land, covered in gorse and wilding pines, 10km along SH60
- * an eyesore at the gateway to Motueka and **Abel Tasman National Park**
- * poor fauna and flora with no benefits for our environment and local folks

What are we doing?

- * clearing the land
- * spraying the weed regrowth
- * planting 200,000 native plants on 11 blocks of 22 hectares
- * improving public access for walkers & bikers

How are we doing it?

- * working in stages
- * getting expert advice
- * using contractors and volunteers
- * growing own seedlings
- * monitoring growth success

Who is paying the bill?

- * funding organisations like RATA etc
- * Tasman District Council
- * companies, Nelson Building Society
- * volunteer work
- * donations
- * YOU! Please!



Te Mamaku Drive Native Corridor Project

Tasman-South Island connecting Waimea Estuary and Moutere Inlet, with native planting along State Highway SH60 between Tasman Village and Mapua.

The Te Mamaku Project is a project of a subcommittee of TACA (Tasman Area Community Association), one of whose main stated aims in its constitution is to improve the environment of Tasman.

There is a stretch of unused land of about 10km in length on the eastern side of State Highway 60 (SH6o) between Tasman and Māpua. It is visibly overgrown with gorse, broom, wattles and wilding pine trees. It is our plan to convert this to a green corridor linking the estuaries with mainly native shrubs and trees. This would <u>restore</u> much needed <u>biodiversity</u> alongside the Coastal Highway, reduce the fire risk and provide a <u>new habitat for birds & insects</u> and a corridor for them to move between the estuaries and nearby wetlands.

Public access already exists for the whole length, starting in the north from Tasman village with the popular Dicker Ridge walkway leading into Stagecoach Road, which finally connects to Māpua. On the left and right hand side of this track is a jigsaw of private and public land. Public land consists of two legal roads, Dicker Road and Stagecoach Road owned by TDC and a number of crown land titles administered by Waka Kotahi NZTA. NZTA and TDC are supportive of the plan and have agreed that we can clear and plant out the land in native trees and shrubs.

We have drawn up a plan for the whole length of the corridor, with identified priority blocks to start with. We envisage this as a long term project to run over years, if not several decades!

Block o has been planted in June 2022 with 1,800 plants, gratefully funded by TET and Restoring the Moutere. Block 9 is being undertaken as an initiative on private land, Block 10+11 is work in progress through private individuals, while work on Block 5 has also commenced.

Block 1 and Block 2 have been cleared in October 2022 literally merging the two Blocks into one. Thanks to our numerous sponsors planting of 12,000 trees has been done July/August 2023!.

Block3 has been cleared ready for the 2024 planting season on 3.7 hectares in November 2023

Working bees with local volunteers have potted up nearly 2000 native seedlings, ready for planting in 2024 through the generosity of Whenua-Iti Outdoors. Volunteers have installed 14,000+ plant guards so far!

The Rā Rākau Tītapu - King Charles III Coronation gift through Trees that Count is donating the planting of 7,000 plants: 1,224 on Block 2 in 2023 and 5,800 on Block 3 and Block 5 in 2024!

Contact us for Information about current sponsorship details.

To personally donate, individuals and businesses can go to: https://givealittle.co.nz/cause/te-mamaku-drive-ruby-bay-bypass-planting-project

Michael Markert & David Short, Tasman, January 2024 Contact: michamarkertnz@gmail.com 022-389-2240

Tasman Area Community Association, www.tasmancommunity.org.nz

Summary of identified Blocks (North to south)

Block o "The Ridge" planting COMMPLETED 2022!

Owner TDC, legal road "Dicker Road", ca 500 meters, 0.5 hect.

Block 1 "Glen Mhor" Planting 2023 COMPLETED!

Owner TDC, legal road "Dicker Road" + Owner NZTA/Crown size: 1.5 hectares

Block 2 Planting 2023 COMPLETED!

Owner TDC legal road "Dicker Road" + Owner NZTA/Crown size: 1.4 hectares

2024 more Sponsors needed Block 3

Owner TDC legal road "Stagecoach" + Owner NZTA/Crown size: 2.7 hectares

Block 4 "The Organic Block"

Owner TDC legal road "Stagecoach" + Owner NZTA/Crown size: 1.3 hectares

Block 5 He Rā Rākau Tītapu - King Charles III Coronation Plantings

Owner TDC legal road "Stagecoach", size: 0.4 hectares

Block 6 partly private land Sponsor to be found 2024/25

Owner TDC legal road "Stagecoach" + part of private title size: 0.9 hectares

Block 7 will be merged with block8 probably

Owner NZTA/Crown size: ca 3 hectares

Block 8 private land, work in progress

Owner TDC legal road "Stagecoach" + parts of Block 7 + part of private title

size: ca 6 hectares

Block 9 "Alpaca" all done by private owner

Owner TDC legal road "Dicker Road" + part of private title size: ca 0.5 hectares

Block 10 "Wild Totara" work in progress by volunteers Block 11 "Manuka Track"

Owner NZTA/TDC, end at underpass SH60 size 3.5 hectares

Further south is the link to the existing Chaytor Walkway and Māpua Dominion Flat & Estuary.







Block o from this



Blocks 1 & 2: from this to this



to this, great growth results in 2022!



via contractors







potting our own seedlings

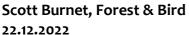
Letters of recommendation and support:

"This is to confirm the department's support for the Te Mamaku Drive Native Corridor Project. The project aims to revegetate a corridor of land between the Moutere and Waimea Inlets in Tasman. The aim of this is consistent with goals of a number of other community groups such as Battle for the Banded Rail and Kina Birdsong as well as broader goals of local government. It also helps to get one step closer to providing a more connected native landscape between more significant natural areas such as Kahurangi National Park and Richmond Ranges. It will take many groups such as this to achieve this.

This project has good exposure, being alongside a busy highway, and will profile a conservation project in action that will hopefully foster support for this project or others. The progress to date

is very noticeable along the highway, showing the great capability and support this project has. We wish this project well." Department of Conservation DOC, Chris Golding, 18.08.2023

".... Forest & Bird supports the project because it will deliver environmental and biodiversity benefits and because the project organisers are demonstrating their ability to achieve this project. Forest & Bird encourages your support of this project...."





"The Mamaku Project also links well with the Waimea Estuary plantings of 75,000 native plants and a massive trapping programme and also Kina Birdsong who both trap along the shoreline. This will result in a increase in sea and bush native birds requiring good habitat and food sources. ... This will create a wildlife corridor between the Moutere Inlet and the Waimea River estuary. It will also enable an enjoyable public walking and cycling route.... am happy to support this project"

Annette Litherland, NZ Landcare Trust, 07.02.2022

"Congratulations on the success of the planting in the first two blocks, the results so far have been very impressive. Waka Kotahi is pleased to continue to support the next phases of this project along the road reserve adjacent to State Highway 6o."

NZTA, Phil Hamblin, 18.08.2023

"..... For Ngāti Rārua, this is an area of cultural significance and we consider that the mahi carried out by the Tasman Area Community Association will assist in restoring the mana and mauri of this site. "

Shane Graham, Pouwhakahaere Te Rūnanga o Ngāti Rārua, 29.08.2023



Block o "The Ridge"

Completed in 2022!!

"Dicker Road" part of Dicker Ridge Track owned by TDC

Planting had been done in June 2022!! A big thanks to TET/ Restoring the Moutere for organising and funding, also to our volunteers helping with planting!

Part of Dicker Ridge Track, starts at the small gate (north), very narrow strip. The steep bank of the Mamaku Drive is sprayed to the top of the track on the western side, no need to do anything.

Eastern side is a sheep fence of the neighbouring property. South end where Block 1 starts.

There is a bit of gorse growing, which can be sprayed on yearly maintenance of the track.

A number of oak trees are growing and can provide future shade on the track without interfering with the expansive views towards the Arthur Range and Nelson.

On the Eastern side is some room to plant low growing natives to cover the area to avoid future grow of grass and weeds

Total length: ca 500 hundred metres Width: from zero metres to 10 metres

Number of plants needed: 2000, dense planting Sort of plants: wind-prone grass, flax, Funding of plants: "Restoring the Moutere"

Method of clearing: through yearly maintenance of track

Funding of clearing: TDC, TACA Method of planting: Contractor

"Restoring the Moutere" Funding of planting:

Safety issues:

Steward: TACA Permit: given by TDC

Notes: exposed to wind, dense planting needed

Costs: fully funded by "Restoring the Moutere" of TET,

Fertiliser: David Easton, working bees.





Block 1 "Glen Mhor"

Completed July 2023!

"Dicker Road" owned by TDC + Crown title --> Rātā Foundation,

Restoring the Moutere

Tree felling, clearing & mulching completed 10/2022! Planting July 2023

There is dense gorse growing, some pine trees on the western side.

On the Eastern side of the Dicker Track on legal road there are many medium to tall sized pine trees with some gorse

under-grow

Planting area: 14,900sqm+

Total length: ca 425 metres Width: from o metres to ca 40 metres

Number of plants needed: 6000+

Sort of plants: shrubs 2-8m high

Funding of plants:

Method of clearing: Pine tree felling

on legal road Mulching

10/2022 completed

Funding of clearing: RĀTĀ and others

Method of planting: contractor Funding of planting: Restoring the

Moutere 5,000 trees!

Safety issues: trees to fell too big

for DIY

Steward: Michael Markert (neighbour)

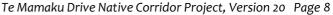
Permit: TDC, Crown yes

Notes: Contractor Aaron Baigent **Riverstone Contracting**

Budget: ca \$120,000

Timing: October 2022 till July 2023







Block 2 Pub Charity, Lottery Environment & Heritage (LEH), NBS – Nelson Building Society, NZMCA, Trees That Count, Rā Rākau Tītapu - King Charles III Coronation Plantings

Completed July/August 2023!

Owner TDC legal road "Dicker Road" + Owner NZTA/Crown

Site has been mostly cleared and mulched 10/2022 together with Block 1, re-spray 2022/2023 and planting July 2023.

Dicker Road turns into Stagecoach Road, the latter with access to SH60.

A platform is used for storage of roading material like gravel, culverts etc

There is dense gorse growing, some pine trees and wattels on the western side.

On the Eastern side of the Dicker Track on legal road there are some medium to tall sized pine trees with some gorse under-grow.

Planting Area: 14,000sqm+
Total length: ca 320 metres
Width: from 40 metres
to 65 metres

Number of plants needed: 6000 Sort of plants: shrubs 2-4m high

Funding of plants: ??

Method of clearing: tree felling on

legal road fell & mulching Clearing completed 10/2022

Funding of clearing: Lottery Environment & Heritage, Rātā Method of planting: Contractor Funding of planting: NBS & Pub Charity, NZMCA, Trees That Count

Steward:

Permit: TDC, Crown: yes



Area: 14,345.1 sq m Te Mamaka Drive Native Corridor Project, version 20

Owner TDC legal road "Stagecoach" + Owner NZTA/Crown

More sponsors needed: Rātā Foundation, Lottery Environment & Heritage, NZMCA.

Planting 2024/25 season

There is dense gorse growing, many pine trees and wattles on the western side.

Trees had been felled and the land cleared and mulched November 2023, Fulton Hogan sponsored the traffic management.

Size: 3.7 hectares

Lottery Environment & Heritage & kickstarted the clearing, more funders are needed!

Planting 2024: 5,800 trees by Rā Rākau Tītapu - King Charles III Coronation fund + 1,200 trees through Trees That Count.

Plants still needed: 9,000 Cash funds needed: \$90,000

At least 6,400 trees will be planted in the winter of 2023, more if not all will be planted as further funding allows.

Permit: TDC, Crown Budget: \$200,000



Block 4 The Organic Block

Owner TDC legal road "Stagecoach" + Owner NZTA/Crown

There is dense bush of mature wattle trees. Currently it provides some good nesting opportunities for birds who lost their territory with the clearing the neighbouring blocks.

On the eastern side of the Dicker Ridge Track is a fence of the neighbouring property.

Size: 0.45 hectares
Total length: 140 metres

Number of plants needed: ??

Sort of plants: ? Funding of plants: ??

Method of clearing: Interseeding on

gorse, partial clearing with contractors

Funding of clearing: xx?

Method of planting: working bees

Funding of planting: ?

Safety issues: trees too big for DIY

Steward: xx?

Permit: TDC, Crown

Budget: small-ish budget needed for some spot-clearing and some plants



Block 5 Volunteers Block

no contractors needed!

Owner TDC legal road "Stagecoach" size: ca 0.4 hectares

Legal road only, Stagecoach Road.

Relatively clean section, some trees and gorse at southern end. The spraying of SH60 reaches Dicker Ridge track.

Total length: 200 metres

Width: from 5 to 10 metres

Number of plants needed: 1,000

Gorse west of the track had been mulched (10/2022) and sprayed in May 2023.

We have 1,000+ trees/Flax/Manuka at Whenua-Iti Outdoors nursery which are ready for planting in the winter of 2024.

Working bees needed to clear the site with cutting down dead gorse and broom.

Planting of Flax and Manuka can be done at this site without plant guards, also release spraying can be done with volunteers.

Steward: Permit: TDC

Notes: neighbour Keith G has planted between his fence at the track and his legal boundary ca 600 plants in 09/2022 donated by Restoring the Moutere, about 1,000 more plants needed to cover the land towards the fence + ca 1000 plants on the west side of the track.



Owner TDC legal road "Stagecoach" + part of private title

Track has been widened in 10/2022, funded by TACA.

Legal road: Stagecoach Road plus part of private property.

The road runs partly through the neighbouring, privately owned land, west of the road is part of the title of that private land.

Size: 0.9 hectares
Total length: ca 90 metres
Width: from zero metres
to ca 30 metres

Number of plants needed: 3500-5000

Sort of plants:

Funding of plants:

Method of clearing: interseeding or

clearfelling

Funding of clearing: xx?

Method of planting: ? Funding of planting: ?

Safety issues: partial TM needed

Steward: xx?

Permit: TDC

Notes: Neighbour is not really supportive of our project due concern

about noise from SH60.

Budget: \$70,000



This block is likely to be merged with Block 8

Owner NZTA/Crown size: ca 3 hectares, ID and title same as Block 4, neighbouring Block 8

This block runs alongside Block 8 and beyond.

Total length: 1.8 km Width: from zero

to ca 25 metres

Number of plants needed: ??

Sort of plants: Funding of plants: ?? Method of clearing: Funding of clearing: xx?

Method of planting: Funding of planting: ?

Safety issues:

Steward: owner of neighbouring

property?

Permit: Crown, yes

Notes: work to be done of this block should be included in Block 8

However the owner of Block 8 cleared their land without the crown title. As the result there are some tall, weak pines left which represent a health hazard for SH6o.



Owner TDC legal road "Stagecoach" + part of private title + Block 7

Private work in progress

Legal road, Stagecoach road plus part of private property.

The road runs partly through privately owned land, west of the road is part of the title of that private land.

All work to be done should include Block 7.

Size ca 6 hectares

Total length: 1.3 km

Width: from zero metres

to ca 100 metres

Number of plants needed: ??

Sort of plants: ? Funding of plants: ??

Method of clearing: clearing of the

block started August 2021 Funding of clearing: xx?

Method of planting: ? Funding of planting: ?

Safety issues:

Steward: owner subdivision?

Permit: TDC for legal road

Notes: it is understood that there is an upcoming application to subdivide this big title.

Clearing has started and the owners might want to plant this with natives in the winter of 2024!?



Block 9 "Alpaca" Done, thank you!

Owner TDC legal road "Stagecoach Road" + part of private title size: ca 0.48 hectares

Legal road only, Stagecoach Road plus part of private property.

The road runs partly through privately owned land, west of the road is part of the title of that private land.

Total length: 92 metres

Width: from zero metres

to ca 30 metres

Number of plants needed: done

Sort of plants: Funding of plants:

Method of clearing: clearing of

the block

Funding of clearing:

Method of planting: Funding of planting: Safety issues:

Steward: Owner

Permit: TDC, Stagecoach Road

Notes: picture perfect!

The owner has already done what we are aiming for with the Te Mamaku Corridor Project

Clearing and planting was done by http://www.revegetation.co.nz/



Block 10 "Wild Totara"

Owner TDC legal road "Stagecoach Road" + NZTA size: ca 1.3 hectares

Legal road Stagecoach Road plus NZTA.

The road is now maintained by TDC to the south. Below the road is road reserve and NZTA title. Overgrown with gorse, blackberries and pines. A small track is maintained by locals through the bush until the end to the water tanks and down the hill towards SH60.

Some wilding Totara has been detected under the dense pine trees.

Total length: ca400 metres Width: from 20m metres to ca 80 metres

Number of plants needed: 3500 Sort of plants: Funding of plants: Method of clearing: a track is cut through the bush, some natives have been planted below the tanks. Funding of clearing:

Method of planting: Funding of planting: Safety issues:

Steward: Mark Forward

Permit: TDC, NZTA

Notes: initiative by local person with some native bush and trees already planted.



Block 11 "Manuka Track"

Owner TDC legal road "Stagecoach Rd", NZTA size: ca 2.20 hectares

Mainly Road Reserve NZTA/TDC

A long, small strip along SH60, a small track has been maintained by local person

Total length: 1,200 metres Width: from 10m metres to ca 30 metres

Already planted: 1500

Number of plants needed: 4000

Sort of plants: Funding of plants:

Method of clearing: spot spraying,

interplanting

Funding of clearing:

Method of planting: by hand

Funding of planting:

Steward: Mark Forward

Permit: NZTA

Safety issues:

Notes: initiative by local person; some native bush and trees have been planted,

quite a bit of them are Manuka.



Continuation of the corridor via existing Chaytor Road Walkway, Māpua Dominion Flat Reserve & Higgs Reserve

"Chaytor Road Walkway"

Private Owner, easement on title for the track.

Mainly on Private Property

Successful restoration of native bush

TDC is actively promoting in their list of public walkways in the district this walking track, which was created and maintained by private property owner(s).

Total length: 1 km

Steward: McBride Family



"Mapua Dominion Flat Reserve/Higgs Reserve"

The Māpua Community have transformed bare land to a thriving new native bush block in the last ten years, since 2012/2013.

Newly created walkways and bridges guide through various stages of replanting with the oldest planting dating back to 2014.

Information signage educates about the project and pictures show the the land prior to planting and the work being done.

Total length: ca 700 metres Size: ca 5 hectares

Steward: Māpua Community

