



PUBLIC

Agenda

Notice is hereby given of a
District Infrastructure Committee Meeting

Tuesday 5 December 2017

to follow the
Environmental Services and Finance Committee
Meeting

Council Chamber
Waimate District Council
125 Queen Street
Waimate

www.waimatedc.govt.nz

Notice is hereby given that a meeting of the District Infrastructure Committee will be held in the Council Chamber, Waimate District Council, 125 Queen Street, Waimate, on Tuesday 5 December 2017, to follow the Environmental Services and Finance Committee Meeting.

Committee Membership

Miriam Morton	Chair
Tom O'Connor	Deputy Chair
Craig Rowley	Mayor
Sharyn Cain	Councillor
David Anderson	Councillor
Peter Collins	Councillor
Jakki Guilford	Councillor
David Owen	Councillor
Sheila Paul	Councillor

Quorum – no less than five members

Local Authorities (Members' Interests) Act 1968

Councillors are reminded that if they have a pecuniary interest in any item on the agenda, then they must declare this interest and refrain from discussing or voting on this item and are advised to withdraw from the meeting table.

Significance Consideration

Evaluation: Council officers, in preparing these reports have had regard to Council's Significance and Engagement Policy. Council and Committee members will make the final assessment on whether the subject under consideration is to be regarded as being significant or not. Unless Council or Committee explicitly determines that the subject under consideration is to be deemed significant then the subject will be deemed as not being significant.

Decision Making

The Council, in considering each matter, must be:

- i Satisfied that it has sufficient information about the practicable options and their benefits, costs and impacts, bearing in mind the significance of the decisions;
- ii Satisfied that it knows enough about and will give adequate consideration to the views and preferences of affected and interested parties bearing in mind the significance of the decisions to be made.

Stuart Duncan
Chief Executive

Order of Business

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Item 1

Apologies

Prepared by: Stuart Duncan
 Chief Executive

The Chair will call for any apologies.

Recommendation

That the apologies are accepted.

Item 2 Conflicts of Interest

Prepared by: Stuart Duncan
 Chief Executive

As per the Local Authorities (Members' Interests) Act 1968 (as below), the Chair will enquire if there are any Conflicts of Interest to be declared on any item on the agenda, and if so, for any member to declare this interest.

Local Authorities (Members' Interests) Act 1968

Councillors are reminded that if they have a pecuniary interest in any item on the agenda, then they must declare this interest and refrain from discussing or voting on this item and are advised to withdraw from the meeting table.

Item 3 Identification of Major (Urgent Business) or Minor Items not on the Agenda

Prepared by: Stuart Duncan
 Chief Executive

The Chair will call for any major (urgent business) or minor items not on the agenda to be raised according to Standing Orders, as below:

a Standing Orders 3.7.5 – Major Items

An item not on the agenda for a meeting may be dealt with at the meeting if the local authority by resolution so decides, and the presiding member explains at the meeting at a time when it is open to the public –

- i The reason why the item was not listed on the agenda; and
- ii The reason why discussion of the item cannot be delayed until a subsequent meeting.

b Standing Orders 3.7.6 – Minor Items

An item not on the agenda for a meeting may be dealt with at the meeting if –

- i That item is a minor matter relating to the general business of the local authority; and
- ii The presiding member explains at the beginning of the meeting, at a time when it is open to the public, that the item will be discussed at the meeting; but
- iii No resolution, decision, or recommendation may be made in respect of that item except to refer that item to a subsequent meeting of the local authority for further discussion.

Recommendation

That the District Infrastructure Committee resolves to consider any major (urgent business) or minor items at the end of the open section of the meeting.

Item 4 Confirmation of Minutes: District Infrastructure Committee

Prepared by: Stuart Duncan
 Chief Executive

The unconfirmed minutes of the District Infrastructure Committee meeting held on Tuesday 24 October 2017 are presented for confirmation.

Recommendation

That the minutes of the District Infrastructure Committee meeting held on Tuesday 24 October 2017 are confirmed as a true and correct record.

Unconfirmed Minutes of the District Infrastructure Committee meeting of the Waimate District Council held at 125 Queen Street, Waimate on Tuesday 24 October 2017, at 11.20am, to follow the Environmental Services and Finance Committee meeting.

Present

Chair: Cr M Morton

Mayor: C Rowley

Councillors: D Anderson, S Cain, P Collins, J Guilford, T O'Connor, D Owen, S Paul

In Attendance

Chief Executive: S Duncan

Managers: C Johns, M Jones, D Mitchell

Committee Secretary: K Reid

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- | | |
|---|--|
| 1 Apologies | No apologies were received. |
| 2 Conflicts of Interest | The Chair called for Conflicts of Interests. There were no Conflicts of Interest identified. |
| 3 Identification of Major (Urgent Business) or Minor Items not on the Agenda | The Chair called for Major or Minor Items not on the Agenda. There were no major (urgent business) or minor items identified. |
| 4 Confirmation of Minutes – District Infrastructure Committee | <p>Resolved:</p> <p>That the minutes of the District Infrastructure Committee meeting held on Tuesday 12 September 2017 are confirmed as a true and correct record.</p> <p>Moved Mayor Rowley
Seconded Cr Owen
MOTION CARRIED</p> |
| 5 Management Report – Asset Group | <p>Resolved:</p> <p>That the Asset Group Manager's report is accepted.</p> <p>Moved Cr Guilford
Seconded Cr Paul
MOTION CARRIED</p> <p>Action Point Updates:</p> <p>‘Hakataramea Recycling’ – there are continuing issues around getting agreement with location and cost.</p> <p>‘Container Deposit System’ – it is expected a workshop be included as part of the Waste Management and Minimisation Plan update in early 2018.</p> |

6 Road Stopping Request – Point Bush Road, Waimate

The District Infrastructure Committee considered agreeing 'in principle' to commence the stopping of the remaining unformed section of Point Bush Road, Waimate

Resolved:

That the Road Stopping Request – Point Bush Road, Waimate report is accepted; and

That the District Infrastructure Committee recommends that Council approves, in principle, the stopping of the unformed section of Point Bush Road, Waimate and enters into a Road Stopping Agreement with the applicant and that on agreement of the purchase price in Section 2 in the Local Government Act 1974 Schedule 10 procedures for the proposed road stopping are initiated.

Moved Cr Cain
Seconded Cr Guilford
MOTION CARRIED

7 Consideration of Major (Urgent Business) or Minor Items not on the Agenda

There were no major (urgent business) or minor items identified.

There being no further business, the Chair declared the meeting closed at 12.42pm. These minutes to be confirmed at the District Infrastructure Committee meeting to be held on Tuesday 5 December 2017.

Cr M Morton
Chair

Item 5

Management Report – Asset Group

Prepared by: Dan Mitchell
Asset Group Manager

The Asset Group Manager's report is submitted for the information of the District Infrastructure Committee.

Recommendation

That the Asset Group Manager's report is accepted.

Highlights

Asset Management Planning Tool

- 1 Staff are working to update the current suite of Asset Management Plans and the Infrastructure Strategy to final draft status.
- 2 As part of this work, staff are currently investigating a revised approach to renewal programming for the pressurized pipe networks.
- 3 The revised approach deviates somewhat from the classical asset management approach of age, condition, performance and criticality. The analysis looks at historical failures and is a model built on statistical analysis. Results from this survey will better inform the renewal programme and are seen to reduce investment on reticulation renewals for many territorial authorities.
- 4 Interestingly, those assets defined as “Critical Assets” are analysed through the probability of the asset not failing. For example, a key water main may have a useful life of 100 years but in order to ensure a 100% probability of “not-failing”, it may well need to be replaced after a 66-year service life.
- 5 This approach is not to question existing processes, but is utilised as an additional tool to ensure our programmes are fit for purpose whilst identifying key risk areas.

Victoria Park Toilet Upgrade

- 6 The Building Consent has been issued and site works will commence shortly after Christmas. Staff have chosen to delay the start to ensure that the facility remains operational during the Christmas period.
- 7 A site visit will occur prior to Christmas to identify the timing of key intrusive works to allow programming of any resurfacing in conjunction with the car park and playground areas.

Manse Street Stormwater Upgrade

- 8 The final review of the contract documentation is underway and these significant works are likely to be tendered with a closing date in early January 2018. Once again, this is a combined stormwater and road infrastructure project.
- 9 The document will allow for intersection and road geometry changes at Manse Street / Shearman Street where there is a marked “hump” in the longitudinal profile that has an adverse effect for the Waimate 50 competitors.

Water

Manchester's Bore Pump Failure

- 10 On 10 October 2017, the existing 45kW bore pump motor at Manchester's Bore failed. (Bore pumps are constructed as multiple stage pumps in series attached to a single electrical motor).
- 11 This bore pump was installed on 25 May 2016, and has only run for 17 months before failing. An initial investigation indicated no evidence as to why the electric motor failed. The motor is currently under investigation to establish the cause of failure. Kirk Irrigation Ltd is pursuing this as a warranty issue, and a full report is expected in due course. If the issue is unrelated to installation there will be replacement/ reimbursement of the electric motor.
- 12 It is important that Manchester's Bore is operational prior to the peak demand which occurs over the Christmas / New Year period. Resultantly a new electrical motor has been purchased in the short term (\$12,000).
- 13 This failure also generated a review of Timaru Road Treatment Plant pumps. The Bore has a 30kW pump and a spare on site. However, the reticulation only has single 92kW pump located within the wet well. In the past there was a spare 45kW pump in the wet well that could double as standby reticulation pump for the Timaru Road Treatment Plant, or be taken out as a replacement for the Manchester's Bore pump. The 45kW pump at present has been removed and is located within Manchester's Bore as the duty pump.
- 14 Timaru Road Treatment Plant is the Waimate Urban's primary water source. This is because it is capable of supplying the higher rate of flow and volume out of the two Urban Supply sources. Therefore, the 92kW pump is an integral part of the reticulation water supply network for the Waimate urban area.
- 15 The existing Timaru Road 92kW reticulation submersible pump was installed in 2002. The reticulation pump now runs an average of 12 hours a day, 365 days a year, over the last 15 years and has done just over 44,000 hours. The recommended modern pump renewal time is 40,000 hours or 15 years. The age and running hours also affect the Danfoss Variable Frequency Drive (VFD) that controls the 92kW pump. This was raised by the Des Scott Electrical, and it was mentioned that it is an older style unit at 15 years, and parts are no longer available for that age Danfoss VFD unit.
- 16 It is important to note that there are major renewal works planned for Manchester Bore this 2017/18 financial year. This will mean in the winter months of 2018 Manchester's Bore and Plant will not be available for two to four months. Therefore, the importance of having a reliable source and supply at Timaru Road Treatment Plant will be critical, as there are no other forms of redundancy.
- 17 A 92kW reticulation pump has been ordered and will be installed before Christmas by Kirk Irrigation Ltd.
- 18 The VFD will be ordered, but installation before Christmas will not be as critical. It will be installed and operational before the upcoming upgrade works at Manchester's Bore around May-July 2018.

Queen Street Beautification – Irrigation System

- 19 The Utilities staff have been involved in the installation of the new irrigation system for the hanging baskets on Queen Street and surrounds. It is expected that the installation work will be completed by mid-December.

Roading

Flood Damage

- 20 The flood damage expenditure to the end of November is \$500,000, with the majority of the repairs completed. Recently completed work includes: Lower Hook Ford, Tavistock Ford, Wallace Road Scour, Waihao Back Road River Protection, Kawarau Road Scours and Culvert replacement, Matersons Flat Bridge, Hakataramea Pass Road Abutment Scour and Wrights Crossing Road seal reinstatement.
- 21 Significant works still to be completed include dropouts on Serpentine Valley Road and Stoney Creek Road, a significant washout on Morven Beach Road and river protection works on Waimate Hunter Road.



Photograph 1: Lower Hook Concrete Ford Downstream Scour Damage Repair by placement of rock rip-rap.



Photograph 2: Tavistock Road Concrete Ford Downstream Scour Damage Repair by placement of rock rip-rap.



Photograph 3: Stoney Creek Road Dropout. Proposed to widen seal on opposite side from slip and install Guardrail

Sealed Roads

- 22 The contractor's focus has been on seal repairs of failed areas and preparation for resealing.



Photograph 4: Springbank Road – Digout Repair in poor ground conditions using Geo-Grid



Photograph 5: Lower Hook Road – Digout Repair in poor ground conditions using Geotextile

Unsealed Roads

- 23 Unsealed metalling has been undertaken in the Upper Pareora area from a recently crushed stockpile at Cannington Bridge. Metal has also been crushed at Waimate and some metalling undertaken in this area.

Metalling Completed

Road	m ³		Road	m ³
Archibald Road	195		Mairos Road	255
Backline Road	228		Matata Road	30
Boyes Road	34		Mt Nimrod Road	45
Cannington Road	90		Neales Road	15
Carrolls Road	102		Parkers Bush Road	135
Centrewood Park Road	75		Pikes Point Road	90
Coffeys Road	150		Queens Terrace	10
Coopers Road	75		Rattrays Road	85
Corrigans Road	68		Ryans Road	60
Crowes Road	68		Sherwood Road	75
Deep Creek Road	136		Te Maiharoa Road	45
Engelbrechts Road	120		Thoreaus Road	15
Farm Road	119		Wainono Lake Road	60
Fishermans Bend Road	51		Waitangi Station Road	34
Gibsons Road	15		Waituna School Road	17
Gunns Road	68		Youngs Road	34
Kingsbury Road	119			
			Total	2718

Drainage

- 24 Surface Water Channel Construction/cleaning – Donnithornes Road 3.8km
- 25 New Soak Pit installation – Tawai Ikawai Road (10 no.).
- 26 Surface Water Channel Construction and new culverts – Allan Street



Photograph 6: Flooding in Allan Street



Photograph 7: Allan Street – Surface Water Channel Construction and new culverts to prevent flooding

Bridge Repairs

- 27 Painting of steel beams of three 12m long bridges has been completed in the Hakataramea Valley.



Photograph 8: Peters Creek Bridge, Moorland Farm Settlement Road – steel beam painting

Traffic Services

- 28 Folding school patrol signs have been installed on pedestrian crossings at Main School and Centennial School to improve the safety of children using the crossings.



Photograph 9: Centennial School pedestrian crossing school patrol

Resealing 2017/18

29 Fulton Hogan Limited has commenced this season's sealing for the collaborative contract in the Timaru District. Waimate District resealing is programmed for January 2018.

30 Below is Council's revised reseal programme for 2017/18:

Location	Road Name	Start Name	Length m
Maungati	Elders Road	Timaunga Road	657
Maungati	Elders Road		357
Maungati	Elders Road		1084
Maungati	Timaunga Road	Craigmore Valley Road	1352
Southburn	Gordons Valley Road	End Overlay	1177
Bluecliffs	Colliers Road	Gordons Valley	2360
Bluecliffs	Blue Cliffs Road	Mile Cutting Road	4055
Bluecliffs	Blue Cliffs Road	Hendrys Road	2970
Otaio	Sodwall Road	Dust Seal	243
Otaio	Tavistock Road	Teschemaker Valley Road	894
Makikihi	Bussells Road	Dust Seal	119
Hook	Hook School Road	Lower Hook Road	8641
Waimate	Deep Creek Road	Deep Creek Bridge approach	105
Willowbridge	Byrnes Road	Maori Road	2284
Morven	Ryans Road	Morven Beach Road	147
Morven	Stokes Road	Crowes Road	1027
Morven	Crowes Road	SH 1	4367
Waikakahi	Gum Tree Flat Road	Green Hills Road	691
Waikakahi	Gum Tree Flat Road	RP 5870	632
Waikakahi	Gum Tree Flat Road	Bridge to Waikakahi Valley Road	3036
Waihaorunga	Serpentine Valley Road	Near Zig Zag Rd	390
Waihaorunga	Tara Hill Road	Serpentine Valley Road	1400
Hakataramea	Hakataramea Valley Road	Culvert 21 Near Hays Road	2690
Hakataramea	Hakataramea Valley Road	Culvert 50	2403
Hakataramea	Hakataramea Valley Road	RP 23775 to Big Mckay Bridge	745
Hakataramea	Hakataramea Valley Road	Culvert 92 South Highland Farm Settlement Road	618
Hakataramea	Hakataramea Valley Road	North Highland Farm Settlement Road	1330
Waimate	Nelson Street	Hughes Street	64
Waimate	Rhodes Street	Mill Road	915
Waimate	Michael Street Depot		
		Total	46753

Minor Improvements

- 31 Seal widening is being undertaken on Stokes and Tavistock Roads prior to resealing.



Photograph 10: Tavistock Road Safety Seal Widening over a blind brow leading to the intersection with Sodwall Road

2018-2021 National Land Transport Programme (NLTP)

- 32 Council's firm funding bid and Roding Programme Business Case for the 2018-21 NLTP has been submitted to the New Zealand Transport Agency (NZTA).
- 33 We have received additional feedback which will be incorporated in our final bid.

Key Dates

- 16 December 2017 – final bids for programmes
- April 2018 – NZTA will provide indicative allocations
- June 2018 – NZTA adopt Final NLTP

Parks and Reserves

Victoria Park

- 34 The planting out of annuals in the main grounds is well underway. The main display will be begonias, marigolds, petunias and geraniums. The Alex McRae show-house will have a change of plantings as well with the main planting being Begonias and Gloxinia plants.
- 35 The new playground equipment is still being well used and the new baby swing has been installed.
- 36 The usual maintenance work of mowing, weed spraying and watering is keeping staff busy.
- 37 The fence around the cycling velodrome is programmed to be painted in December in a soft white. This colour was chosen after consultation with the cyclists and is beneficial to the visibility for the cyclists when racing.



Victoria Park Camp

- 38 October and November were busy months for camping with the many events happening in Waimate; the Waimate Shears, Waimate 50, A&P Show and several large equestrian events. Most cabins and power sites have been taken or booked.

Urban Reserves

- 39 Mowing and spraying weeds has been the main maintenance work for staff. The irrigation system is being installed for the hanging baskets, it is planned to have this work completed by early to mid-December. The baskets will be planted with begonia, petunia, lobelia and fuchsias.

Waitaki Lakes Camping

- 40 There are still strong sales of season tickets and overnight camping has increased compared with other seasons. Christchurch Show Week was very busy with

Canterbury people taking the opportunity of a long weekend to camp at the lakes. The Camp Supervisor reported many campers were first time visitors.

Norman Kirk Swimming Pool

- 41 The swimming pool opened on Tuesday 1 October 2017, which coincided with one of the hottest first weeks to date. There are increased sales of family and seasonal tickets and a lot of them are by new users of the pool.
- 42 Schools and swimming clubs have completed their bookings for the season and a Dunedin swimming school has booked the pool for a week in early January 2018.

Action Points

Action Point	Status	Comment
26 January 2016 – District Infrastructure Committee		
Councillors asked for the opportunity to further discuss the item on recycling and the reintroduction of a Container Deposit System at a future workshop	Progressing	No further information has been presented and it is suggested that the requested workshop be included as part of the Waste Management and Minimisation Plan update for June 2018.
8 March 2016 – District Infrastructure Committee		
The Asset Manager advised there had been no progress as yet on the Hakataramea Recycling depot	Progressing	Staff are currently reviewing the service delivery for the waste management activity for inclusion in the 2018-28 Long Term Plan. Based on the options available it would seem prudent to wait until the consultation period has closed before constructing new infrastructure as the mechanism may be markedly different.
14 March 2017 – Environmental Services and Finance Committee		
Council develop by 30 November 2017 a reserves, open space and recreation strategy	Progressing	Future workshop item.
2 May 2017 – Environmental Services and Finance Committee		
Council requested that a Facility Management Plan for the Waimate Event Centre be undertaken as a priority and that it be added to the Action Point Report.	Progressing	
23 May 2017 – Council		
That a report on future development opportunities for playgrounds in the district be provided to Council	Progressing	Options to be developed in conjunction with the update of the Parks and Recreation Asset Management Plan.
1 August 2017 – Environmental Services and Finance Committee		
Demolition of toilet block situated adjacent to the netball courts at Victoria Park. Site visit to be arranged. The Chief Executive reported this will occur when further work has been undertaken on the review of the Council's public toilets.	Progressing	
12 September 2017 – District Infrastructure Committee		
Council asked for a discussion on how future weather-related (storm) damage to the roading network can be budgeted for and funded.	To be scheduled	

Item 6

Consideration of Major (Urgent Business) or Minor Items not on the Agenda

Prepared by: Stuart Duncan
 Chief Executive

The District Infrastructure Committee is to consider any major (urgent business) or minor items identified earlier in the meeting.