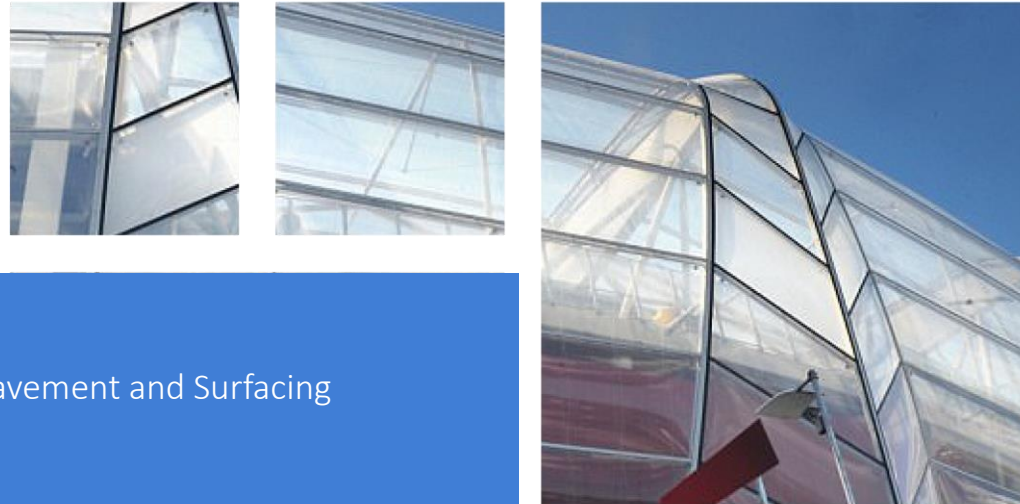
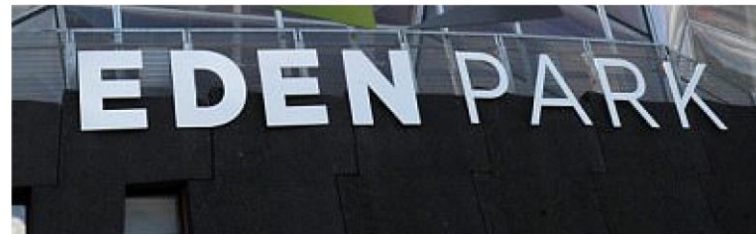


# PAVEMENT AND SURFACING

Lauren Henderson



The future of Pavement and Surfacing



# PAVEMENT AND SURFACING

## Agenda

- Existing Software
- New Software/Wizard
- Pending Changes
- Summary

# EXISTING PAVEMENT BUILDER

## Familiar to users

**Pavement Builder**

**Location**

Road ID: ABERDEEN ST    Offset: 0.0 m  
Displacement: 0 - 243 m    Width: 6.0 m  
Start Name: MANCHESTER ST    Reconstructed: 16/04/2018  
End Name: MADRAS ST    Plan No:

**Existing Pavement Structure**

Layer No	Start	End	Offset	Width	Layer Date	Estimated	Depth	Material
1	0	243	0	6	01/06/1991	Known	400	Unknown

Back    Next    Finish    Cancel

**Pavement Builder - New Layer**

General    Layer Stabilisation Agents

**General**

Type: Pavement Layer    Layer ID:  
Material:    Source: UNKNOWN  
Displacement: 0 - 243 m    CBR/UCS: CBR %  
Start Name: MANCHESTER ST    Specification:  
End Name: MADRAS ST    Accuracy: Known  
Offset: 0.0 m    Life: yrs  
Thickness: mm    Design ESA: million  
Width: 6.0 m    Full Width    FW Treatment:  
Plan No.    Reconstructed: Reconstructed  
Layer Date: 16/04/2018    Removed Date:  
Work Origin:  
Work Category:

**Pavement Layer Insertion History**

Layer ID	Layer or Subgrade	Road Name	Start	End	Start Na
	Pavement Layer	ABERDEEN ST	0	243	MANCH

Back    Next    Finish    Cancel

# PAVEMENT & SURFACING WIZARD

## Notice Pending Changes

The screenshot displays the RAMM software interface. On the left is a dark sidebar with the RAMM logo at the top. Below the logo are menu items: 'Menu' (with a hamburger icon), 'Map' (with a location pin icon), and 'Dashboards' (with a document and clock icon). At the bottom of the sidebar is a blue button labeled 'Pavement & Surfacing' with a road icon. The main content area is a window titled 'Pavement & Surfacing' with a close button. It contains a list of items: 'Pavement & Surfacing Wizard' and 'Pending Changes' (with a subtext '2 changes to review'). Both items have a right-pointing arrow.

# ROAD ACTIVITIES

## Add Surface

### Pavement & Surfacing

- Pavement & Surfacing Wizard >
- Pending Changes >  
*5 changes to review*

### Add Pavements / Surface

**Location**

Road: ABERCROMBIE STREET

Start: 0 m UNION STREET

End: 430 m END OF ROAD

Offset: 0 m

Total Width: 0 m

Existing structure >  
*View existing structures*

Pending changes >  
*2 pending changes added*

**Wizard**

Road Activity: Add surface

Surface >  
*Manage Surface*

Warnings >  
*No warnings*

[Submit for Approval](#) [Save for Later](#)

# ROAD ACTIVITIES

## Rehabilitation – Add Surface

### Add Pavements / Surface

**Pavement & Surfacing**

**Location**

Road: ABERCROMBIE STREET

Start: 0 m UNION STREET

End: 430 m END OF ROAD

Offset: 0 m

Total Width: 0 m

Existing structure  
[View existing structures](#)

Pending changes  
[2 pending changes added](#)

**Wizard**

Road Activity: Add surface

Surface  
[Manage Surface](#)

Warnings  
[No warnings](#)

**Submit for Approval** **Save for Later**

### Add Surface Detail

Modified

**General**

Date: 15/05/2018 Surface ID: [ ]

Function: Membrane Seal

Material: Single Coat Seal

Size/Grade: 4

Depth: 0 mm Use calculated Delph

ALD: [ ] mm PSV: [ ]

**Binder**

Binder Type: Bitumen 80/100

Cutter: 0 pph

Adhesion: 0.7 pph

Flux: 0 pph

Additive: 0 pph

**Miscellaneous**

Reason: Aged

Activity: Reseal

# ROAD ACTIVITIES

## Rehabilitation – Add Pavement

### Add Pavements / Surface

**Pavement & Surfacing**

**Location** ▼

**Wizard** ▲

Road Activity  ▼

Reconstructed  📅

**Depth** ➤  
*Define reconstruction depth*

**Pavement** ➤  
*Manage Pavement*

**Surface** ➤  
*Manage Surface*

**Warnings** ➤  
*No warnings*

**Submit for Approval** **Save for Later**

### Modify Pavement Detail

Modified — ✕

**Save**

**Location** ▼

**General** ▲

Layer Date  📅

Type  ▼

Material  ▼

Thickness

Source  ▼

CBR/UCS  ▼

Specification  ▼

Accuracy  ▼

Plan no.

Design Life  yrs

Design ESA  million

**Layer Stabilisation Agents** + ▲

Stabilising Agent	Quantity
<input type="text" value="Cement"/> <span>▼</span>	<input type="text" value="1.5"/> <span>✕</span>

**Miscellaneous** ▲

# PENDING CHANGES

Saved changes - Approved later by user with correct permissions

**Pavement & Surfacing** Pending Changes

Pavement & Surfacing Wizard >

**Pending Changes** >  
*4 changes to review*

Search

**Ready for Approval** ^

CLYDEVALE ROAD	0 - 22375m	>
	Surface Date: 19/04/2018 09:21	
ADAM FLEMING ROAD	0 - 4940m	>
	Surface Date: 04/05/2018 11:13	
ABERCROMBIE STREET	0 - 430m	>
	Surface Date: 14/05/2018 10:00	
AHURIRI FLAT ROAD	0 - 7153m	>
	Surface Date: 14/05/2018 13:19	

**Pending Changes** ^

ADAM FLEMING ROAD	0 - 4940m	>
	Surface Date: 14/05/2018 10:11	
ABERCROMBIE STREET	0 - 430m	>
	Surface Date: 14/05/2018 10:11	
ADAMS ROAD	0 - 1396m	>
	Surface Date: 14/05/2018 13:11	



# PENDING CHANGES

User sees everything that was added or changed

The screenshot displays a software interface with two main panels. The left panel, titled 'Pending Changes', lists road segments with their status and surface dates. The right panel, titled 'Add Pavements / Surface', provides configuration options for a new pavement section.

**Pending Changes Panel:**

- Ready for Approval:**
  - CLYDEVALE ROAD (0 - 22375m, Surface Date: 19/04/2018 09:21)
  - ADAM FLEMING ROAD (0 - 4940m, Surface Date: 04/05/2018 11:13)
  - ABERCROMBIE STREET (0 - 430m, Surface Date: 14/05/2018 10:00)
  - ADAM FLEMING ROAD (0 - 4940m, Surface Date: 14/05/2018 10:11)
  - AHURIRI FLAT ROAD (0 - 7153m, Surface Date: 14/05/2018 13:19)**
- Pending Changes:**
  - ABERCROMBIE STREET (0 - 430m, Surface Date: 14/05/2018 10:11)
  - ADAMS ROAD (0 - 1396m, Surface Date: 14/05/2018 13:11)

**Add Pavements / Surface Panel:**

- Location:**
  - Road: AHURIRI FLAT ROAD
  - Start: 0 m (OWAKA HIGHWAY)
  - End: 7153 m (END OF ROAD)
  - Offset: 0 m
  - Total Width: 0 m
- Existing structure:** View existing structures
- Wizard:**
  - Road Activity: Add surface
- Surface:** Manage Surface
- Warnings:** No warnings

**Approve**

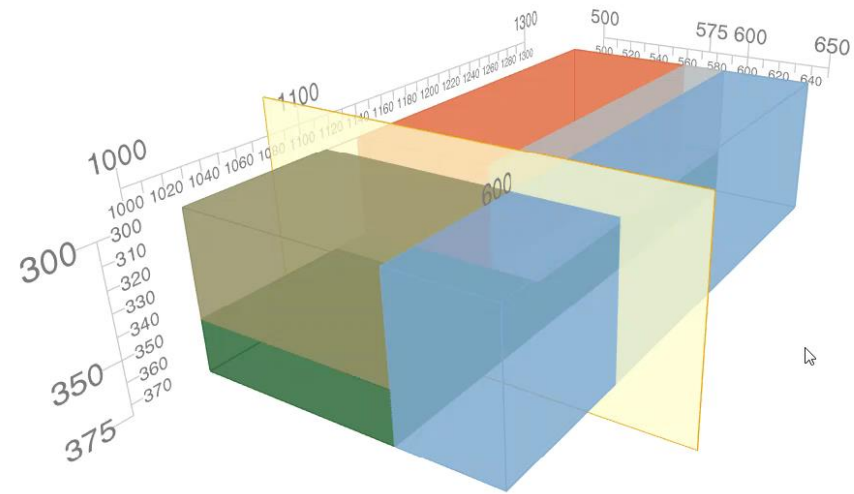
# IN SUMMARY

Here are the highlights

- New Wizard
- All in one Location
  - Data Modification/Insertion
  - Checking/Approval
- 2 Step Approval Process

# SNEAK PEEK

Something to look forward to





excellence in asset management