



# Achieving Best Practice Through Collaboration

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Roads & Transportation



North Ayrshire Council  
Comhairle Siorrachd Àir a Tuath

# Introduction



- **Public & 3<sup>rd</sup> Sector Partnership**
  - Volunteering policy to enable NAC to volunteer within the community
- **Public/Private Partnership**
  - Timber Transport
  - Scotrail
  - Network Rail
  - WDM / PILLAR
- **Public/Public Partnership**
  - Collaboration between Local Authorities
  - SPT

# Public & 3<sup>rd</sup> Party Collaboration

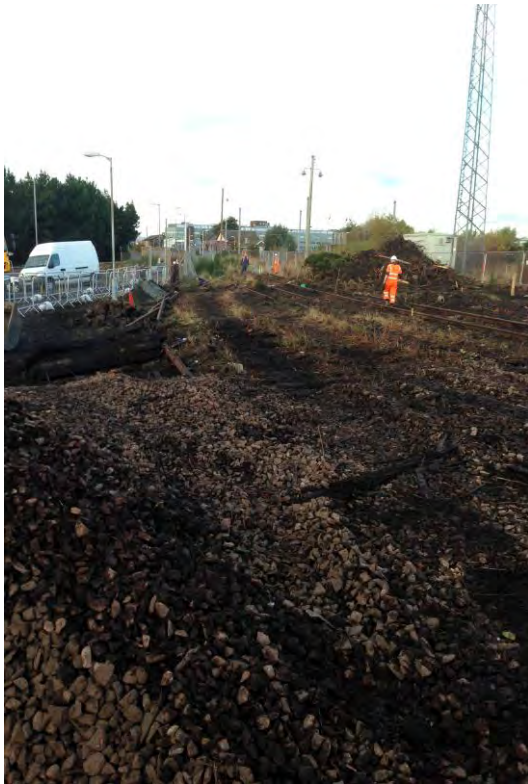
- Adverse Weather

- Snow Storms (March 2013)
- Flooding (January 2014)



# Public & Private Collaboration

- Network Rail & Scotrail
  - Kilwinning Park & Ride
  - Irvine Park & Ride - Before



# Public & Private Collaboration

- Network Rail & Scotrail
  - Kilwinning Park & Ride
  - Irvine Park & Ride - During



# Public & Private Collaboration

- Network Rail & Scotrail
  - Kilwinning Park & Ride
  - Irvine Park & Ride - After



# Public & Private Collaboration

- Timber Transport
  - B880 String Road Before & After



# Public & Private Collaboration

- C147 Kilpatrick Before & After

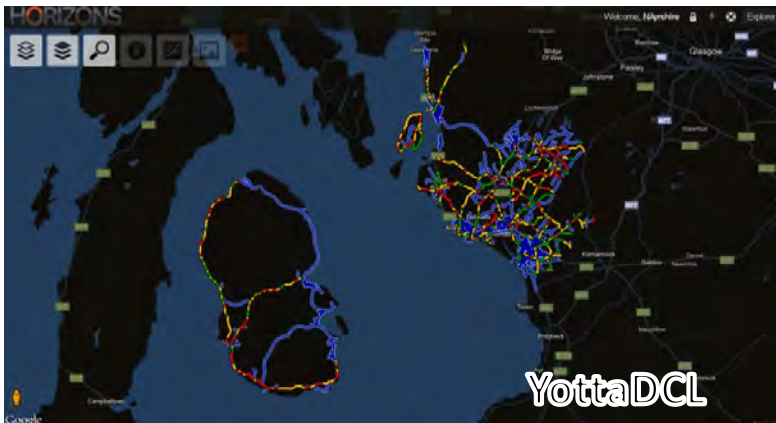
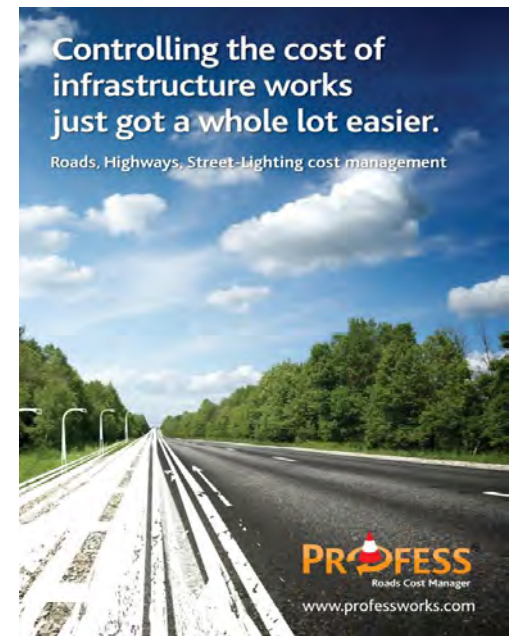




# Public & Private Collaboration

- North Ayrshire have also been proactive in systems development to enhance Service Delivery.

- All Ayrshire
- YOTTA
- WDM
- Pillar Software (Profess)



North Ayrshire Council  
Comhairle Siorrachd Àir a Tuath

# Collaborative Working Groups



North Ayrshire Council Actively participate in the following groups

- SCOTS RAM Phase 2 Steering Group
- SCOTS Performance Management and Benchmarking Group
  - Ongoing work to refine and improve performance information
  - APSE – Align SCOTS and WALES PIs
- Roads Working Group
  - Inspection Manual / Response Times

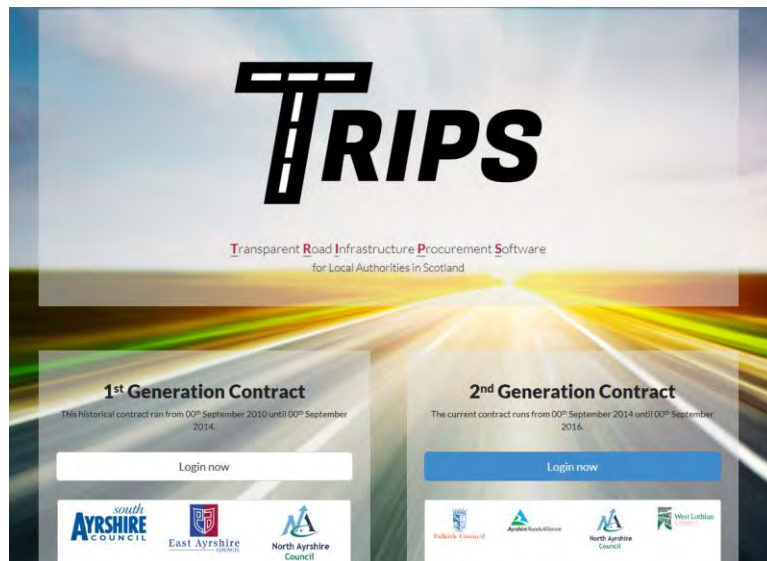
# Collaborative Contracts



- Scotland Excel
  - Salt Contract
  - Materials
  - Street Lighting
  - Signage
- Weather Forecast Provision
  - South Lanarkshire Council (Lead Authority)
- All Ayrshire Contracts
  - Coated & Uncoated Roadstone Contract
  - All Ayrshire Plant Hire
  - Consultants Framework
- Minor Maintenance Works Framework Contract

# Minor Maintenance Works Framework

- 1<sup>st</sup> Generation Contract – NAC, SAC and EAC
- 2<sup>nd</sup> Generation has introduced both Falkirk Council & West Lothian Council
- System has been expanded & rebranded to hold multiple contracts.



Transparent  
Road  
Infrastructure  
Procurement  
Software

# Minor Maintenance Framework

- The system provides work packages using a BofQ format with authority specific rates.

Logged in to Test database as Graeme Robin from NAC

Minor Maintenance Works Framework Contract Monitoring System

[Home](#)   [Estimating](#)   [Work Packages](#)   [Contractors](#)   [My Details](#)   [Admin](#)   [Documents](#)   [Report](#)   [Logout](#)

**Anonymous Report Results...**

**Title:** Broomfield Place, Largs

**Description:** Off Road Car Parking


**Reference:** NAC/485

[Click here to return to the work package details screen](#)

[Click here to view the printable version of this report.](#)

Contractor	Cost	
Anonymous Contractor	£86087	<a href="#">View Anonymous Breakdown of Rates</a>
Anonymous Contractor	£90001.51	<a href="#">View Anonymous Breakdown of Rates</a>
Anonymous Contractor	£92911.43	<a href="#">View Anonymous Breakdown of Rates</a>
Anonymous Contractor	£93113.47	<a href="#">View Anonymous Breakdown of Rates</a>
Anonymous Contractor	£94101.2	<a href="#">View Anonymous Breakdown of Rates</a>
Anonymous Contractor	£96273.04	<a href="#">View Anonymous Breakdown of Rates</a>
Anonymous Contractor	£97494.21	<a href="#">View Anonymous Breakdown of Rates</a>
Anonymous Contractor	£97845.01	<a href="#">View Anonymous Breakdown of Rates</a>
Anonymous Contractor	£102019.52	<a href="#">View Anonymous Breakdown of Rates</a>
Anonymous Contractor	£103018.7	<a href="#">View Anonymous Breakdown of Rates</a>
<b>Reference Cost</b>	<b>£99074.59</b>	<a href="#">Click here to Award Work Package to MIP</a>
		<a href="#">View Anonymous Breakdown of Rates</a>

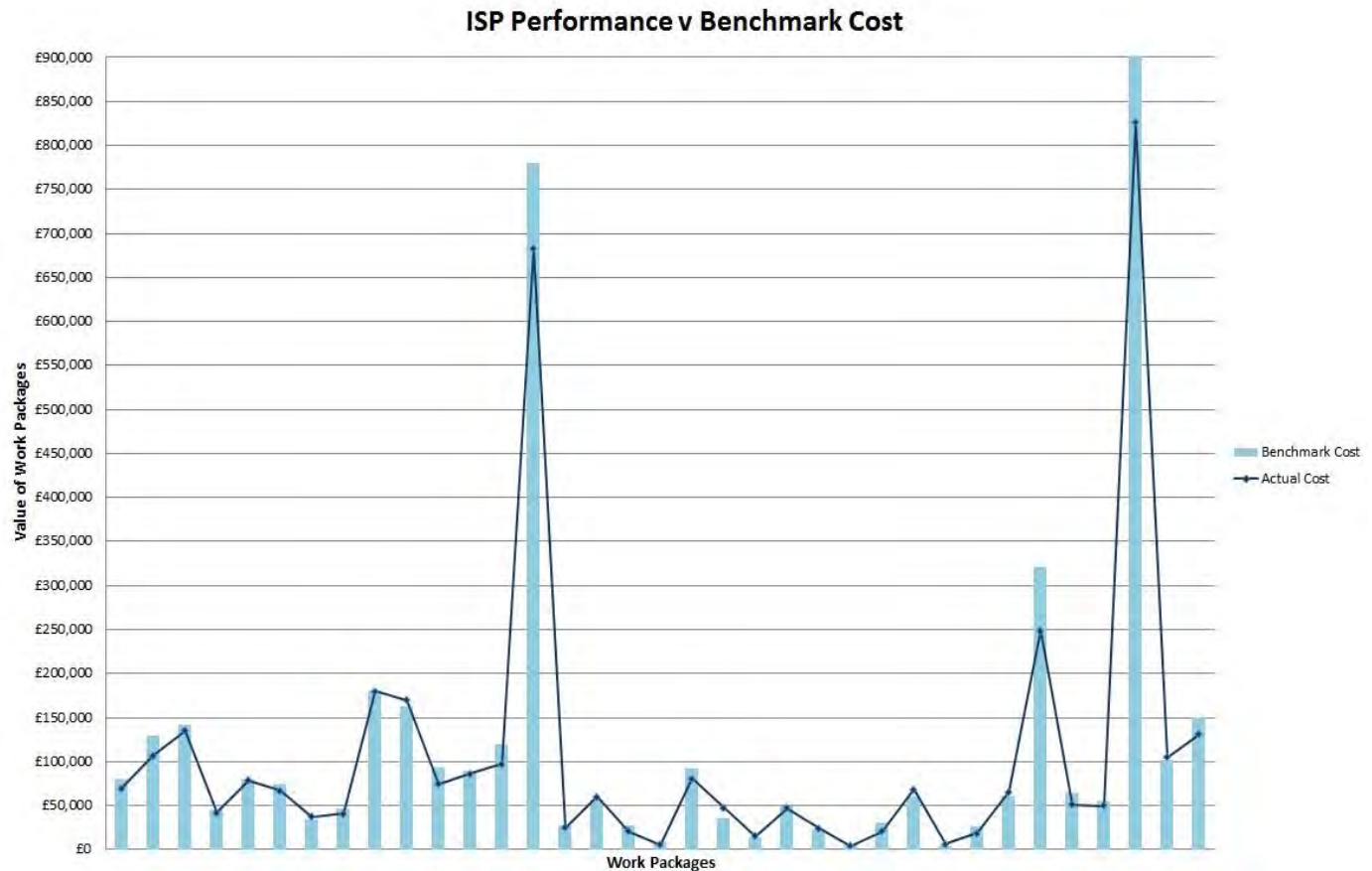
[Kerbing](#)  
[Pothole Patching](#)  
[Road Markings, Studs and Anti-Skid Surfacing](#)  
[Streetlighting Installation](#)  
[Traffic Management](#)  
[Traffic Signal Installation](#)  
[Traffic Signs](#)  
[Vehicle Restraint System Installation](#)



# Minor Maintenance Framework

- **TRIPS** also provides rates from which robust benchmarking can be carried out

Period	% NAC under Benchmark Cost
01 October 2010 to 31 March 2014	8%



# Minor Maintenance Framework

- Contractors performance is scored by all participating authorities
  - Calculated from individual work package audits
  - Performance is the only information shared between authorities

Minor Maintenance Works Framework Contract Monitoring System

Logged in to Test database as Graeme Robin from NAC

Home Estimating Work Packages Contractors My Details Admin Documents Report Logout



### Audit Conformance...

Answer the relevant questions using the drop down lists provided. If a question does not apply to your work package audit then please choose 'Not Applicable.'

Audit Questions		
Material adjacent to ironwork	Sound / Loose and uneven / NA	Acceptable
Kerbs painted	Distribution complete / uneven	Acceptable
Traffic management to chapter 8	Lights / Stop Go / Closure / NA	Acceptable
Rolling temperature	Inspec / Non-comp	Not Applicable
Polymer modified emulsion applied	Distribution complete / uneven	Not Applicable
Adherence to Program	Acceptable / Unacceptable	Acceptable
Site condition	Tidy / Untidy / Site Clear	Unacceptable
Delivery temperatures	Inspec / Non-comp	Acceptable
Vertical faces painted	Distribution complete / uneven	Acceptable
Joints sealed	Yes / No	Acceptable
Ironwork painted	Distribution complete / uneven	Not Applicable
Personal protection equipment	Worn / Not Worn / NA	Unacceptable
Client-Contractor Communications	Acceptable / Unacceptable	Acceptable
Substrate condition	Sound / Loose and uneven / NA	Acceptable
Transport	Insulated / Uninsulated	Not Applicable
Joints vertical	Yes / No / NA	Unacceptable
Conveyance notes supplied	Yes / No	Not Applicable
Rolling carried out to spec	Yes / No	Not Applicable

Submit Answers

Not Applicable  
Acceptable  
Unacceptable



# Public & Private Systems Development



## Current Development

- WDM / PILLAR
  - Developed an interface between our Routine/Lighting Maintenance Systems (RMS/LMS) and our Roads Cost Manager (RCM)
- Phase 1 (Operational)
  - Transfers works instructions from WDM into the costing system
- Phase 2 (Under Development)
  - Closing down of works instructions in WDM from input of daily timesheets into RCM
  - Transfer BoQ estimates between TRIPS and RCM systems to remove areas of duplication



# Authority Collaboration

- RCM Developed by Pillar Software in Partnership with
  - North Ayrshire Council(Lead Authority)
  - Ayrshire Roads Alliance (Formerly East and South Ayrshire Council)
  - Falkirk Council
- New web-based system developed to replace historic systems like the old Strathclyde GLink System and additional databases that were required to supplement the data provided by them.

Roads Cost Manager 2013.02.11

Please Login

**PROFESS**  
Roads Cost Manager

User:

Password:

Database: ProfessRoads

Login

[Add to Favourites](#)

[Profess RCM Blog](#)

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# Roads Cost Manager – Introduction



- Capable of handling multiple orders, staff, materials, vehicles and plant etc. from the Information entered from Contract Monitoring sheets, which are Job- orientated Day Sheets.
- The system provides individual timesheets for operatives on a weekly basis.
- One of the distinguishing features of the system is that it will provide more accurate cost estimates for both reactive works instructions and proactive projects with BofQ's.
- Provision of a robust Budget Monitoring and Time Management System.

# RCM – What does it do?

- Quick keying on Day Sheet
  - Labour (multiple employee time)
  - Plant (Internal/External)
  - Materials (stock & direct to site items)
  - Contractors/Sub Contractors
- Work Instructions (Reactive Works)
  - with estimates & actuals
- Project management (Proactive Projects)
  - Bill of Quantity estimates & actuals
- Purchase Order & Invoice Payment

# RCM – What does it do?

- Stores
  - Stock Level, Issues and Returns
- Budgetary Control: ‘Committed Expenditure’
  - By Works Instruction (Reactive)
  - By Projects (Reactive & Proactive)
  - By Activity Code
  - By Area structure
  - By Finance & Account Codes
  - By Cost Centres
- Payroll export
  - with HED codes
  - with Missing Timesheets & Approval

GOODS IN - Stores Receipt

Receipt Date: 13/02/2013

To Store: [Dropdown]

Delivery Note/Ticket No: [Text]

Purchase Order: [Dropdown]

Supplier: [Dropdown]

Good In Reason: [Dropdown]

Save Save Header to allow keying of items

KEY OR EDIT GOODS-IN

QTY WILL BE ADDED TO STOCK ON 'Add to Goods In List'

COMMODITY Code (Stock Items only): Units: >> Qty:

Code	Description	Current Stock	Units	Qty IV	Stock now
No records to display.					

Save & Close Delete Cancel

# RCM – Day Sheet

- Day sheet entry is driven by either Work Order number (reactive work) or Project number (proactive work)
- Both types of work allow actuals to be keyed for...
  - Labour
  - Materials (commodities)
  - Sub Contractor
  - Plant Hire
  - Bill of Quantity actuals
- Annual Uplift values can be automatically applied
- Dashboards offer immediate view of costs across all subjective headings

# RCM – Day Sheet Input (Labour Actuals)

Browser: http://10.11.70.53/RCMTEST/Job sheets.aspx | Roads Cost Manager | Day Job Entries

File Edit View Favorites Tools Help

Profess Roads Cost Mana... | Profess Time Manager | Profess Roads Cost Mana... | Suggested Sites | Web Slice Gallery | Day Job Entries | Winter Roadcast | MeteoGr...

Timesheet Input

Date: 22/06/2014 | Sunday | Complete

Labour Costs | Material Costs | Fleet & Plant Costs | Bill of Quantities Actuals

Time ON: 07:00 | OFF: 17:00 | Spread Across Squad | Copy To...

Staff: Weatherston, Thomas 0423543 | Vehicle Reg./Fleet ref. | Work Order: | Project: RM/10/14

Carriageway Resurfacing - A71

Adjustment | Time ON | OFF | Break | Time Class | Normal | 1.5 time | Double time | Line total

		Name	Fleet Reg./Ref.	Project	Work Order	Adjustment	ON	OFF	Break	Hours	Time Class	HED Code	Employee R/T	Normal	Rate	Cost	
Edit	Delete	Haddow, Craig 6322026	SG14 TWY	RM/10/14			07:00	17:00	0.50	10.00	Sunday		9.50	0.00	0.00	0.00	
Edit	Delete	McKenzie Matthew 0002254	SF63 XNV	RM/10/14			07:00	17:00	0.50	10.00	Sunday		9.50	0.00	0.00	0.00	
Edit	Delete	Quinn, Michael 6300486	SG63 EGZ	RM/10/14			07:00	17:00	0.50	10.00	Sunday		9.50	0.00	0.00	0.00	
Edit	Delete	Weir, James 6307905		RM/10/14			07:00	17:00	0.50	10.00	Sunday		9.50	0.00	0.00	0.00	
Edit	Delete	Quinn, Michael 6300486	SG63 EGZ		PREP		06:45	07:00	0.00	0.25	Sunday		9.75	0.00	0.00	0.00	
Edit	Delete	Carruthers, Derek 6318252	SH09 YVT		PREP		06:45	07:00	0.00	0.25	Sunday		9.75	0.00	0.00	0.00	
													4.00	81.00	0.00	0.00	0.00

Total Labour cost: £1,038.77

100%

14:00  
12/08/2014

# RCM – Day Sheet Input (Materials, Fleet & Plant and BoQ Actuals)

The screenshot shows a web browser window with the URL <http://navprfstmgr1/rcm/Job sheets.aspx>. The browser tabs include 'Roads Cost Manager' and 'Day Job Entries'. The main application window is titled 'Timesheet Input' and has a date of 22/08/2014. It features tabs for 'Labour Costs', 'Material Costs', and 'Fleet & Plant Costs'. The 'Project' dropdown is set to 'RM/10/14'. A 'Bill of Quantities from Project' dialog box is open, displaying a table with the following data:

Item number	Description	Units	Est. Unit Price	Est. Quantity	Street Location	Actual Rate	Actual Quantity
	Supply & install bridge expansion joint (mechanical)	Item	0.00	0.00		0.00	0
	Supply & install bridge expansion joint (asphalt plug)	Item	0.00	0.00		0.00	0
	Saturday uplift @ 21.3%	Item	0.00	0.00		0.00	0
	Sunday uplift @ 21.3%	Item	0.00	0.00		0.00	0
	Additional line marking	Item	0.00	0.00		0.00	0
100.0046	Provision of Impact Protection Vehicle for a period exceeding 4 hours but not exceeding 8 hours	Item	404.31	1.00		404.31	0
	Installation of dual carriageway lane closure not						

The background application window shows a table with columns for 'Qty', 'Rate', and 'Est. Cost'. The table contains two rows of data:

Qty	Rate	Est. Cost
1.00	8391.94	0.00
1.00	589.83	4718.64

The Windows taskbar at the bottom shows the system clock as 21:35 on 11/08/2014, along with icons for Internet Explorer, Photoshop, and Word.

# Create a Project – Proactive or Reactive

Update Project

Project Details | Description of Work | Bill of Quantities Estimates

Contract Type: Proactive  Chargeable Default Time Classification:

Year: 2014  Capital  Revenue

Authority Area: North Ayrshire

Reference: RM/10/14

Name: Carriageway Resurfacing - A71

Project Manager: McAuley, Tom TMC

Client: N.A. - PROACTIVE WRK

Type of Work: 3 - NAC Capital

Hierarchy:

Activity: 6101 - Roads Maintenance

Area: MAINLAND

Service Provider:

Cost Centre: WCEC01 - Roads Maintenance -

Est. Start: 16/06/2014

Street Locations:

Professional Fees: 0.00  Lock

Total Bill of Quantities: 169,641.01

TM Project: RM/10/14 - Carriageway Resurfacing - A71

ProjectUpdate.aspx?UniqueID=653

100% 14:11 10/08/2014



# Project Dashboard – Actual v Estimate

The screenshot displays a web browser window with the URL <http://navprfstmgr1/rcm/Projects.aspx>. The application is titled "Roads Cost Manager" and "Projects". The "Project Dashboard" section shows the following details:

- Select Project: RM/10/14
- Carriageway Resurfacing - A71
- Budget Year: 2014

The dashboard is divided into two tabs: "Summary" and "Bill of Quantities". The "Summary" tab is active, showing a comparison of estimated and actual costs.

	EST.COST	ACTUAL COST
EXPENDITURE TO DATE	186,210.41	152,947.45
INCOME (Recharged)	0.00	0.00
TOTAL (Net Expenditure)	186,210.41	152,947.45
<b>BILL OF QUANTITIES</b>	<b>189,841.01</b>	<b>182,849.10</b>

The "COSTS BY CATEGORY" table provides a detailed breakdown of costs:

CATEGORY	PROJECTED COST TO DATE	PREVIOUS YRS	CURRENT ACTUALS	TOTAL ACTUALS
LABOUR	8,046.42	0.00	8,046.42	8,046.42
INTERNAL FLEET	474.75	0.00	474.75	474.75
OVERHEAD	8,846.38	0.00	8,846.38	8,846.38
<b>SUB TOTAL</b>	<b>15,167.55</b>	<b>0.00</b>	<b>15,167.55</b>	<b>15,167.55</b>
RECHARGE TO CAPITAL	15,167.55	0.00	0.00	0.00
MATERIALS	72,753.19	0.00	84,259.81	84,259.81
PLANT	17,206.89	0.00	13,182.28	13,182.28
CONTRACTORS	81,083.98	0.00	55,505.58	55,505.58
PROFESSIONAL FEES	0.00	0.00	0.00	0.00
<b>SUB TOTAL</b>	<b>166,210.41</b>	<b>0.00</b>	<b>152,947.45</b>	<b>152,947.45</b>

The "COSTS BY CATEGORY CHART" section is visible at the bottom of the dashboard.

# Works Order Dashboard from WDM

Select Work Order: **GV1468428** Refresh

Project Ref./Name: 14/27 - General Emergencies Carriageway

Description: Oil spill

Street Ref./Name: Wardrop Street - Wardrop Street

Contractor Ref./Name:

Budget Year: 2014

	EST.COST	ACTUAL COST
EXPENDITURE TO DATE	0.00	0.00
INCOME (Recharged)	0.00	0.00
TOTAL (Net Expenditure)	0.00	0.00

### COSTS BY CATEGORY

CATEGORY	ESTIMATED	PROJECTED COST TO DATE	ACTUALS
LABOUR	0.00	0.00	0.00
INTERNAL FLEET	0.00	0.00	0.00
OVERHEAD	0.00	0.00	0.00
SUB TOTAL	0.00	0.00	0.00
INTERNAL COSTS		0.00	0.00
MATERIALS	0.00	0.00	0.00
PLANT	0.00	0.00	0.00
CONTRACTORS	0.00	0.00	0.00
PROFESSIONAL FEES	0.00	0.00	0.00
SUB TOTAL	0.00	0.00	0.00

http://mail.live.com/?rru=compose%3Fsubject%3DWork+Order+Dashboard%26body%3Dhttp%3A%2F%2Fnavprfstmgr1%2Frcm%2FCostDashBoard.aspx%3FUniqueID%3D13887%26rwndrnd%3D0.2316003268328965

13:39  
12/08/2014

# RCM – Stores

Item Code:  Category:  Store:  [Export](#)  Excel  Word  PDF  CSV

Date(s):  All  [Refresh List](#)

Store	Item Code	Item Name	Units	Re-Order	Stock Was	Qty	Stock Now	Date	Reason	Category
3	600073	Colas 90 RSM	25kg	0.00	123.00	2.00	121.00	06/08/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	127.00	4.00	123.00	05/08/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	128.00	1.00	127.00	05/08/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	130.00	2.00	128.00	05/08/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	133.00	3.00	130.00	04/08/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	135.00	2.00	133.00	04/08/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	137.00	2.00	135.00	04/08/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	144.00	7.00	137.00	04/08/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	0.00	150.00	150.00	01/08/2014	Receipt	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	150.00	6.00	144.00	31/07/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	2.00	2.00	0.00	30/07/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	3.00	1.00	2.00	30/07/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	5.00	2.00	3.00	30/07/2014	Issue	Ancillary
3	600073	Colas 90 RSM	25kg	0.00	9.00	4.00	5.00	30/07/2014	Issue	Ancillary

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# RCM – Journey of Purchase Order/ Invoice

Profess Roads Cost Manager 2014.06.23 (on Profess Roads)

## North Ayrshire Council Infrastructure & Design

Project Timesheet Works Order **Ledger** Stores Fleet & Plant Setup Administration Reports My Settings and Scheduled Items Help Logout

Refresh  
Add Daysheet  
Add Work Order  
Add Project  
Add Purchase Order  
Add Supplier Invoice  
Stores Receipt  
Stores Issue  
Direct to Site Delivery  
Stock Movement Summary  
Fleet Usage Summary  
Project Dashboard  
Work Order Dashboard  
Activity Dashboard  
Account Dashboard  
Budget Summary  
Key BoQ Actuals

Clients  
Suppliers  
**Purchase Orders**  
Supplier Invoices

File Edit View Favorites Tools Help  
X Convert Select

Save Layout Export Excel Word PDF

Drag a column header and drop it here to group by that column

**+ Add New Record** Show Archived Show Con

	Order Ref	External Ref	Project	Account Code	Order Date	Amount	Supplier	Prepared By
<a href="#">Edit</a>	RS/ 1		13/3 - Pothole Carriageway		23/01/13	249.90		TM
<a href="#">Edit</a>	RS/ 3		-	Tools & Implements	22/03/13	16.00	Aero Healthcare	TM
<a href="#">Edit</a>	RS/ 5		PR-05-12 - Stanecastle Primary School		28/03/13	12.20	Aero Healthcare	TM
<a href="#">Edit</a>	RS/ 6		13/3 - Pothole Fwy	Payment to Contractors	28/03/13	2.50	W I & A Gilbert	TM
<a href="#">Edit</a>	RS/ 660	S/997	FRM13/CS/01 - Integrated Catchment Studies	Consultants	17/07/13	85,000.00	Scottish Water	DM
<a href="#">Edit</a>	RS/ 665	T/1199	FP/01/13 - Upper Garnock Flood Prevention Scheme	External Consultants - Capital	18/07/13	415,000.00	Aecom Ltd	DM
<a href="#">Edit</a>	RS/ 666	T/1200	FP/01/13 - Upper Garnock Flood Prevention Scheme	External Consultants - Capital	18/07/13	43,675.00	Halcrow Group Ltd	DM

# RCM – Journey of Purchase Order/ Invoice

**Purchase Order Update**

Purchase Order: [ ]

External Ref: [ ]

Year: 2014 Period: 5

Work Order: [ ]

Project: [ ]

Cost Centre: [ ]

Account Code: [ ]

Supplier: [ ]

Supplier Address: [ ]

Vat Code: [ ]

Additional Information: [ ]

Delivery Address: [ ]

Invoice Address: [ ]

**Purchase Order Update**

Purchase Order Items Audit

**RS/ 3159**

External Ref: [ ]

Year: 2014 Period: 4

Work Order: [ ]

Project: RM/07/14 - Carriageway Resurfacing - Hill St, Saltcoats & Moorburn Rd, Largs  
Capital PM: Tom McAuley

Cost Centre: WCEC01 - Roads Maintenance - Capital

Account Code: 800008 Payment to Contractor

Supplier: Glenmavis Kerbing Limited(Glenmavis Kerbing)

Supplier Address: 17 The Grange, Perceton, IRVINE, KA11 2EU

Vat Code: [ ]

Additional Information: Traffic management as per all Ayrshire framework agreement - Hill Street, Saltcoats & Moorburn Road, Largs

Delivery Address: [ ]

# RCM – Journey of Purchase Order/ Invoice

Profess Roads Cost Manager 2014.06.23 (on Profess Roads)

## North Ayrshire Council Infrastructure & Design

Project Timesheet Works Order **Leads** Stores Fleet & Plant Setup Administration Reports My Settings and Scheduled Items Help Logout

- Refresh
- Add Daysheet
- Add Work Order
- Add Project
- Add Purchase Order
- Add Supplier Invoice
- Stores Receipt
- Stores Issue
- Direct to Site Delivery
- Stock Movement Summary
- Fleet Usage Summary
- Project Dashboard
- Work Order Dashboard
- Activity Dashboard
- Account Dashboard
- Budget Summary
- Key BoQ Actuals

- Clients
- Suppliers
- Purchase Orders**
- Supplier Invoices**

Filter by Supplier Invoice Filter by Status:

Supplier Invoice Invoice Items Audit

### 9681

Supplier Invoice Ref: HS/2017 Invoice Date: 22/07/2014 Budget Year: 2014 Period: 4  Interim  Final

Purchase Order: RS/ 3159

Supplier: Glenmavis Kerbing Limited - Glenmavis Kerbing /

Supplier Address: 17 The Grange, Perceps, IRVINE, I-A11 2EU

Work Order:

Project: RM/07/14 - Carriageway Resurfacing - Hill St, Saltcoats & Moorburn Rd, Largs

Capital PM: Tom McAuley

Account Code: 800008 Cost Centre: WCEC01 - Roads Maintenance - Capital

Cost Category: Contractors

Store Code:

Narrative:

DATES

Created: 31/07/2014

Pay By:

Treat Payment as Projected Cost

TOTALS	
Net Materials:	0.00
Net Plant:	0.00
Net Contractors:	1,701.40
Total Net Amount:	<b>1,701.40</b>
VAT Amount:	0.00

Drag a column header and drop it here to group by that column

Status	Invoice Ref	Supplier Inv. Ref
Final	9681	HS/2017

St, Saltcoats & Moorburn Rd, Largs
------------------------------------

# RCM – Journey of Purchase Order/ Invoice

Profess Roads Cost Manager 2014.06.23 (on Profess Roads)

## North Ayrshire Council Infrastructure & Design

Project Timesheet Works Order **Ledger** Stores Fleet & Plant Setup Administration Reports My Settings and Scheduled Items Help Logout

Refresh  
Add Daysheet  
Add Work Order  
Add Project  
Add Purchase Order  
Add Supplier Invoice  
Stores Receipt  
Stores Issue  
Direct to Site Delivery  
Stock Movement Summary  
**Fleet Usage Summary**  
**Project Dashboard**  
Work Order Dashboard  
Activity Dashboard  
Account Dashboard  
Budget Summary  
Key BoQ Actuals

Select Project: RM/07/14 Refresh (Proactive)

Budget Year: 2014

**Carriageway Resurfacing - Hill St, Saltcoats & Moorburn Rd, Largs**

Summary Bill of Quantities

	EST.COST	ACTUAL COST
EXPENDITURE TO DATE	73,756.02	26,937.13
INCOME (Recharged)	0.00	0.00
<b>TOTAL (Net Expenditure)</b>	<b>73,756.02</b>	<b>26,937.13</b>
<b>BILL OF QUANTITIES</b>	<b>72,472.94</b>	<b>77,948.24</b>

**COSTS BY CATEGORY**

CATEGORY	PROJECTED COST TO DATE	PREVIOUS YRS	CURRENT ACTUALS	TOTAL ACTUALS
LABOUR	7,318.48	0.00	7,318.48	7,318.48
INTERNAL FLEET	1,650.88	0.00	1,650.88	1,650.88
OVERHEAD	10,465.43	0.00	10,465.43	10,465.43
<b>SUB TOTAL</b>	<b>19,434.79</b>	<b>0.00</b>	<b>19,434.79</b>	<b>19,434.79</b>
RECHARGE TO CAPITAL	19,434.79	0.00	0.00	0.00
MATERIALS	24,394.77	0.00	24,543.73	24,543.73
PLANT	18,790.66	0.00	682.00	682.00
<b>CONTRACTORS</b>	<b>11,135.80</b>	<b>0.00</b>	<b>1,701.40</b>	<b>1,701.40</b>
PROFESSIONAL FEES	0.00	0.00	0.00	0.00

### 2014 Contractor Costs for RM/07/14 - Carriageway Resurfacing - Hill St, Saltcoats & Moorburn Rd, Largs

Budget Period: 5 (01/08/2014 - 30/08/2014)

Current Week	This Pd	Y.T.D	Previous	Total
0.00	0.00	1,701.40	0.00	1,701.40

Show detail for year up to & including selected Period

Save Layout Export Excel Word PDF CSV

Drag a column header and drop it here to group by that column

Cost Centre	Account Code	Source	Source Ref.	Work Order	Date	Supplier Ref.	Supplier	Purchase Order	Cost
WCEFC01	800008	Supplier Invoice (M/O)	9681		31/07/2014	H5/2017	Glenmavis Kerbing Limited	RS/ 3159	1,701.40

# Account Code Budgeting

http://navprfstmgr1/rcm/AccountDashboard.aspx Roads Cost Manager Account Dashboard

File Edit View Favorites Tools Help

Profess Roads Cost Mana... Profess Time Manager Profess Roads Cost Mana... Suggested Sites Web Slice Gallery Day Job Entries

SUPPLIES & SERVICES		704,083.00	173,474.91	228,182.55	302,425.54
Account	Name	Budget	Committed Exp.	Actual	Variance
250354	Software Licenc & Support	27,612.00	0.00	20,686.17	6,925.83
250500	Tools & Implements	25,000.00	14,527.11	5,422.71	5,050.18
250502	Apparatus Equipment Materials	15,000.00	6,629.17	4,693.39	3,677.44
250802	Medical Fees	0.00	0.00	0.00	0.00
250301	Office Equipment & Consumables	0.00	0.00	0.00	0.00
250801	Medical Equipment	0.00	0.00	0.00	0.00
250601	Empl Clothing & Uniforms	0.00	0.00	0.00	0.00
250209	Special Catering	0.00	0.00	0.00	0.00
250366	Computer Lines	0.00	0.00	0.00	0.00
250356	Computer Equipment	0.00	0.00	0.00	0.00
299001	Stock Computer Adjustment	0.00	0.00	0.00	0.00
263504	Poles & Road Signs	0.00	0.00	6,377.50	-6,377.50
299002	Stock Issues Other Supplies	70,700.00	21,497.39	26,744.50	22,458.11
263205	Concrete	20,028.00	3,949.88	5,080.41	10,997.71
293401	Stock Iss Lighting	0.00	0.00	0.00	0.00
250451	Promotional Items	0.00	0.00	0.00	0.00
259999	Other Supplies & Services	60,718.00	6,225.18	6,521.44	47,971.38
263201	Coated Roadstone	407,807.00	108,221.28	111,178.28	188,407.44
293204	Stock Kerbs	5,000.00	1,192.19	1,229.42	2,578.39
250121	Electrical Power	0.00	0.00	0.00	0.00
263503	Street Nameplates	0.00	0.00	0.00	0.00

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# Activity Code Budgeting

http://navprfstmgr1/rcm/ActivityDashboard.aspx Roads Cost Manager Activity Dashboard

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5099	ELECTRICAL TESTING	LIGHTING		0.00	0.00	0.00	0.00	0.00	0.00	-12,777.61	0.00	12,777.61	
6003	SPT PARK & RIDE	CAPITAL		828,000.00	828,000.00	0.00	0.00	0.00	828,000.00	0.00	0.00	0.00	
6101	ROADS MAINTENANCE	CAPITAL		1,184,477.00	1,098,477.00	86,000.00	311,620.16	18,233.15	768,623.69	80,728.46	391,018.43	-385,746.89	
6201	LIGHTING	CAPITAL		939,663.00	0.00	939,663.00	0.00	98,997.59	-98,997.59	36,114.71	9,715.40	893,832.89	
6301	CAR PARKS	CAPITAL		497,978.00	497,978.00	0.00	360,832.34	-30,637.69	167,783.35	56,134.88	12,174.82	-68,309.70	
6401	COASTAL PROTECTION/FLOOD PREVENTION	CAPITAL		42,804.00	0.00	42,804.00	0.00	0.00	0.00	42,804.00	0.00	0.00	
6402	KILBIRNIE/GLENGARNOCK FLOOD PREVENTION	CAPITAL		243,301.00	0.00	243,301.00	0.00	0.00	0.00	38,627.76	0.00	204,673.24	
6601	TIMBER TRANSPORT	CAPITAL	WCES05	560,000.00	335,000.00	225,000.00	0.00	0.00	335,000.00	0.00	0.00	225,000.00	
6701	B714 UPGRADE	CAPITAL	WCEC09	64,791.00	0.00	64,791.00	0.00	0.00	0.00	14,334.40	-14,334.40	64,791.00	
7801	PARKING	TRAFFIC		28,000.00	28,000.00	0.00	7.97	-3.87	27,995.90	1,980.00	3,120.00	-5,100.00	
7901	PIERS HARBOURS	STRUCTURES		61,000.00	1,000.00	60,000.00	390.00	0.00	610.00	85,111.28	37,599.37	-62,710.65	
8001	COASTAL PROTECTION	STRUCTURES		33,800.00	3,000.00	30,800.00	0.00	0.00	3,000.00	16,730.60	0.00	14,069.40	
8301	RECHARGEABLES (NETWORK)	NETWORK	CFCC01	25,000.00	25,000.00	0.00	352,339.34	-39,371.61	-287,967.73	219,666.93	7,116.00	-226,782.93	
8303	CARRIAGE CROSSINGS	NETWORK		40,000.00	40,000.00	0.00	472.62	-2.90	39,530.28	0.00	9,072.00	-9,072.00	
8311	RECHARGEABLES (TRAFFIC)	TRAFFIC		28,000.00	28,000.00	0.00	11,495.18	85.02	16,419.80	1,630.20	4,785.24	-6,415.44	
8321	RECHARGEABLE (LIGHTING)	LIGHTING		0.00	0.00	0.00	259.09	0.00	-259.09	6,675.37	13,826.33	-20,501.70	
8399	NAC OTHER DEPTS / RECHARGEABLE	NETWORK		206,000.00	206,000.00	0.00	84,516.67	-5,010.31	126,493.64	2,704.13	20,657.28	-23,361.41	
8401	MISC - STOREMAN DUTIES	NETWORK		0.00	0.00	0.00	29,890.90	0.00	-29,890.90	0.00	0.00	0.00	
				10,275,478.00	6,982,432.00	3,293,046.00	2,081,479.40	93,210.63	4,807,741.97	826,712.97	834,352.27	1,631,980.76	2,908.00

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# RCM – Project Management

- RCM is both a costing tool **AND** a Project management tool enabling full project estimates and costs to be compared
- Integration with Pillars established web based Contract / Time Manager will provide a complete project cost solution

**Update Project**

Project Details | Bill of Quantities Estimates

Contract Type: Proactive  
Year: 2012 | Capital @ Revenue  
Authority Area: North Ayrshire  
Reference: NARC-2012-766 | Archived  
Name: KIRKLAND ROAD | Suspended  
Project Manager:  
Type of Work: 21 - Dayworks as of Right  
Hierarchy:  
Area: MANGLAND  
Service Provider:  
Cost Centre: CFCC01 - Network  
Est. Start:  
Contract Sum: 31,326.08  
Street Locations: Kirkland Road

Save Save & Close Delete Close

**Update Project**

Project Details | Bill of Quantities Estimates

Item Code: Qty: Street Location: >> Rate:

Activity Assignment: Time %:

Add to BoQ Estimate

Import from Bill of Quantity template Add new BoQ item Add ad-hoc item line

		Item Code	Description	Units	Qty	Rate	Cost	Street Location	Activity	Time %
Edit	Delete	500.0442	excavating 0.25 square metre but not exceeding 0.50 square metre in area 150 mm or less in footway	No.	1	£43.74	£43.74	Kirkland Road		0
Edit	Delete	500.0454	Raise or Lower the level of chamber cover and frame exceeding 0.50 square metre but not exceeding 1 square metre in area 150 mm or less in footway	No.	1	£65.37	£65.37	Kirkland Road	1001 - Footway Resurfacing	0.00
Edit	Delete	500.0474	Raise or Lower the level of gully grating and frame not exceeding 0.30 square metre in area 150 mm or less in footway	No.	2	£51.10	£102.20	Kirkland Road		0
Edit	Delete	600.0019	Excavation of unacceptable material Class UIA in cutting and other excavation	No.	73	£9.82	£716.86	Kirkland Road	1001 - Footway Resurfacing	0.00
Edit	Delete	600.0076	Extra over excavation for excavation in Hard Material in cutting and other excavation	No.	73	£19.72	£1,439.56	Kirkland Road		0
Edit	Delete	600.0095	Disposal of unacceptable material Class UIA	m	73	£13.21	£964.33	Kirkland Road	1001 - Footway Resurfacing	0.00

£31,326.08

Save listed items as template Project BoQ Summary

Save Save & Close Delete Close

# RCM – Users

- The system has been developed with the end users in mind.
- The system has quick keying facilities for input of data.
- Standard screen layout across all functions.
- Access rights built in to ensure security of data.
- Tailored and bespoke reports available in various formats...
  - Adobe PDF
  - MS Excel
  - CSV
  - Word
  - Crystal report preview

# RCM – Live Demo



Live Demonstration of Roads Cost Manager

<http://www.professroads.com/?token=ro45a4d5>