

RECEIVED 9 OCT 1973



WILLIAM TAWSE LIMITED

(Incorporating W.J. Anderson Ltd and Lewis Middleton Ltd)

Civil Engineering Contractors

Glendoe Terrace, Inverness IV3 6LJ

Telephone 0463 31331

NORTH REGIONAL OFFICE

Our Ref: SM/MM

5th October 1973

G.F. Trowbridge, Esq.
Town Clerk
Dornoch
Sutherland

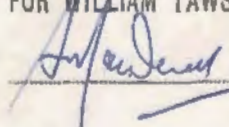
Dear Sir,

ROYAL BURGH OF DORNOCH

Enclosed herewith please find, in triplicate, Interim Measurement No. 1 in respect of work carried out at above up to and including 30th September 1973, showing an amount due of £4663.67.

Yours faithfully,

FOR WILLIAM TAWSE LIMITED

 LOCAL DIRECTOR

DIRECTORS: A.G. ANDERSON, B.Sc., F.I.O.B., F.F.B.,

LOCAL DIRECTORS: S. MacDONALD, B.Sc., A.M.I.C.E.,

COMPANY REGISTERED IN SCOTLAND No. 44294. REGISTERED OFFICE, ANGUSFIELD, ABERDEEN

J.G.D. FRASER, B.Sc., M.I.H.E.,

A.R. RAE

W.A. YOUNG, B.Sc.,

O.W. HENDRY, B.Sc.,

PLANT DIRECTOR: A.F. FRASER

T. BRYERS, D.N.T.C., M.I.C.E.,

EAS PORTER & CO



A member of Aberdeen Construction Group Limited

Contract NDRM Daywork Order No. 2 Week Ending 24/6 1/7 & 22/7

Description -

KERB & FOOTPATH AT POST OFFICE DORNOCH

Workman's Name and Trade		28/6 TIME							Total Hours	Rate	Value	
		22/6 Mon	26/6 Tues	27/6 Wed	28/6 Thurs	29/6 Fri	17/7 Sat	18/7 Sun				
J. Mackay	FO	11	11½	11½	11½	11½	11½	11½	81½	62p	50	58
D. Mackay	PO		11	11	11	11	11	11	66	65p	42	90
H. Murray	Lab	10½	11	11	11	-	11	11	65½	58p	37	85
F. Munro	Lorry Drv.	2	-	2	-	1	3	-	8	65p	5	20
Travelling	£	1.00	2.30	2.30	2.30	2.30	2.30	2.30			14	80
Car	£4.30 per day										151	28
D. Mackay Driver 2 hours @ 65p	£1.30 per day									+ 107½%	162	63
J. Mackay Travelling £1.00 per day										£	313	91

Plant/Materials	Rate	Value		Materials/Plant	Rate	Value	
Vibrating Roller 20 hrs	0.26	5	20	Car 7 days	4.30	30	10
8 Ton Lorry 6 hrs	1.58	9	48	3 rd Bitmac Table 5 d/d 8.92 Tonnes	4.84	43	17
Standing time for lorry on spreading 12 hrs.	1.05	12	60	65 No. 10" x 5" kerbs	0.50	32	50
				20 cwts cement	0.70	14	00
				2 Tons Sand } d/d	1.80	3	60
				4 Ton Aggregate	2.08	8	32
						131	69
					+ 12 1/2%	16	46
					£	148	15
				SUMMARY			
				Labour		313	91
				Plant		27	28
				Materials		148	15
				TOTAL		489	34

Description -

DORNOCH ROAD MAINTENANCE
SCARIFY & RESURFACE PART OF SUTHERLAND ROAD
19/6

Workman's Name and Trade	18/6 TIME 21/6							Total Hours	Rate	Value	
	Mon	Tues	Wed	Thurs	Fri	Sat	Sun				
J. Mackay FO	10½	11½	11	5½	4½			43	62p	26	66
D. Mackay Pl. Op.	10½	11½	11	5	7			45	65p	29	25
R. Matheson Spr	9½	11	-	-	-			20½	58p	11	89
H. Murray Lab	9½	11	10½	5	4			39½	56p	22	26
F. Munro Lorry Dr.	6	8½	6	7½	-			28	65p	18	20
Travelling	£ 2.90	2.90	2.30	2.30	2.30					12	70
											120 96
D. Mackay £1 per day		1.00							+ 107½%	130	03
Miles for car 66 x 5p		3.30									
Driver 2 hrs @ 65p		1.30								250	99
		£ 5.60	per day.								
<u>J. Mackay</u>											
Travelling Time £1.00 per day											
<u>R. Matheson</u>											
Travelling Time £0.60 per day											

Plant/Materials	Rate	Value		Materials/Plant	Rate	Value	
8 Ton Lorry 24 hours	1.58	37	92	Mileage for car 5 dys	4.30	16	50
Barber Green Spreader 4 hours	3.48	13	92	¾" Bitmac Table 5 d/d 17.04 Tonnes	4.67	79	58
8 Ton Roller with Scarifier 22 hours	2.45	53	90	Scalping for dressing 2 Tonnes	1.87	3	74
Standing time for lorry for spreading 4 hours	1.05	4	20			99	82
		109	94		+ 12½%	12	48
						112	30
SUMMARY							
Labour						250	99
Plant						109	94
Materials						112	30
TOTAL						473	23

INTERIM MEASUREMENT NO. 1

UP TO AND INCLUDING 30th September, 1973.

Item No.	Description	Quantity	Unit	Rate	£	p
	<u>CARAVAN RELIEF ROAD:2</u> (Including all additional works requested on site)					
1.	Strip grass and soil	781	s.yds.	0.30	234	30
2.	Bottoming	781	s.yds.	0.75	585	75
3.	Bituminous macadam 2½" thick	781	s.yds.	0.68	531	08
4.	Bituminous macadam 5" thick	72	s.yds.	1.36	97	92
	TOTAL TO SUMMARY				1449	05
	<u>ROAD OFF CARNAIG STREET TO GIVE ACCESS FOR BURGH VEHICLES</u>					
1.	Strip grass	150	s.yds.	0.25	37	50
2.	Bottoming	Non required				
3.	Shaped with scalpings	428	s.yds.	0.30	128	40
4.	Bituminous macadam 2½" thick	428	s.yds.	0.68	291	04
	TOTAL TO SUMMARY				456	94
	<u>1ST LANE CARNAIG ST. TO RIVER STREET</u>					
1.	Trim formation level	86	s.yds.	0.21	18	06
2.	Shape with scalpings	86	s.yds.	0.30	25	80
3.	Bituminous macadam 2½" thick	86	s.yds.	0.96	82	56
	TOTAL TO SUMMARY				126	42
	<u>2nd LANE</u>					
1.	Trim formation	12	s.yds.	0.21	2	52
2.	Shape with scalpings	24	s.yds.	0.30	7	20
3.	Bituminous macadam 2½" thick	24	s.yds.	0.96	23	04
	TOTAL TO SUMMARY				32	76
	<u>3RD LANE</u>					
1.	Trim formation	6	s.yds.	0.21	1	26
2.	Bit macadam	23	s.yds.	0.68	15	64
					16	90

Item No.	Description	Quantity	Unit	Rate	£	p
	<u>GOLF ROAD AND CAR PARK</u>					
1.	Shape formation	127	s.yds.	0.21	26	67
2.	Bit macadam 2½"	127	s.yds.	0.96	121	92
	TOTAL TO SUMMARY				148	59
	<u>BEACH ROAD</u>					
1.	Supply, lay and roll bitmac 1½"	818	s.yds.	0.49	400	82
2.	Additional bitmac regulating	18	Tons	6.00	108	00
3.	Trim edges	6		1.50	9	00
	TOTAL TO SUMMARY				517	82
	<u>MACDONALD ROAD</u>					
1.	Excavate	49	s.yds.	0.21	10	29
2.	Bitmac 2½"	49	s.yds.	0.96	47	04
	TOTAL TO SUMMARY				57	33
	<u>MACDONALD ROAD LANE</u>					
1.	2½" Bitmac	24	s.yds.	0.96	23	04
	TOTAL TO SUMMARY				23	04
	<u>BRANNEN TERRACE</u> Pavement					
1.	Excavate in pavement	26	s.yds.	0.21	5	46
2.	Bitmac ¾ @ 1" deep	52	s.yds.	0.55	28	60
	TOTAL TO SUMMARY				34	06
	<u>Road Widening</u>					
1.	Excavate	63	s.yds.	0.21	13	23
2.	Bitmac 2½" deep	63	s.yds.	0.96	60	48
	TOTAL TO SUMMARY				73	71
	<u>CROMARTY ROAD</u>					
1.	Shape and clean out	64	s.yds.	0.21	13	44
2.	Scalping	64	s.yds.	0.30	19	20
3.	Bitmac 2½"	64	s.yds.	0.96	61	44

Item No.	Description	Quantity	Unit	Rate	£	p
	<u>SCHOOL HILL</u>					
	Strip av. depth 3"	52	s.yds.	21p	10	92
	Supply, spread and roll 1½ bitmac 2½" thick	50	s.yds.	96p	48	00
	TOTAL TO SUMMARY				58	92
	<u>WATER BOARD TRACK</u>					
	Surfacing to water board track in Sutherland Road to be shared with Burogh as instructed by Clerk of Works Total Area 412ft. by 5'6" i.e. 252s.yd. Amount to be paid for by Burogh 126s.yd. Bitmac 2½" depth	126	s.yds.	0.96	120	96
	Extra depth 1½"	126	s.yd.	0.50	63	00
	TOTAL TO SUMMARY				183	96
	<u>NORTH STREET</u>					
	Excavate	10	s.yds.	21p	2	10
	Supply lay and roll 1½ bitmac 2½" thick	77	s.yds.	96p	73	92
	TOTAL TO SUMMARY				76	02
	The following items are measured as patching with bitmac at £11.30/ton i.e. £1.41 per sq.yd.					
	<u>GILCHRIST SQUARE</u>					
	Trim formation	4	s.yds.	21p	0	84
	Bitmac 2½" thick	4	s.yds.	1.41	5	64
	TOTAL TO SUMMARY				6	48
	<u>CASTLE STREET OPPOSITE POLICE STATION</u>					
	Trim formation	16	s.yds.	21p	3	36
	Bitmac	16	s.yds.	1.41	22	56
	TOTAL TO SUMMARY				25	92
	<u>KENEDY AVENUE ROAD CROSSING</u>					
	Trim	2	s.yds.	21p	0	42
	Bitmac	2	s.yds.	1.41	2	82

Item No.	Description	Quantity	Unit	Rate	£	p
	<u>PATCHES PAVEMENT ARGYLE STREET</u>					
	Total area 44 s.yds.					
	Bitmac at £11.30 per ton i.e. 1.41 per sq.yds.					
	Excavate and shape	44	s.yds.	21p	9	24
	Bitmac	44	s.yds.	1.41	62	04
	TOTAL TO SUMMARY				71	28
	<u>SUNDRY PATCHES</u>					
	i.e. at toilet, on Golf Road and low road into Caravan Site	2	Ton	11.30	22	60
	TOTAL TO SUMMARY				22	60
	<u>ROSEBURY AVENUE</u>					
	All soil had to be removed and replaced					
	Excavate	60	s.yds.	21p	12	60
	Fill scalpings	60	s.yds.	33p	19	80
	Bitmac 1½" thick	60	s.yds.	49p	29	40
	TOTAL TO SUMMARY				61	80
	<u>STRUIE ROAD</u>					
	Shape	27	s.yds.	21p	5	67
	Bitmac 2½"	27	s.yds.	96p	25	92
	TOTAL TO SUMMARY				31	59
	<u>MEADOWS PARK ROAD</u>					
	Prepare formation	23	s.yds.	21p	4	83
	Bitmac	23	s.yds.	96p	22	08
	TOTAL TO SUMMARY				26	91
	<u>ST. GILBERT SQ. STEPS</u>					
	Clean out and shape	38	s.yds.	21p	7	98
	Bitmac ¾" 1½" thick	38	s.yds.	65p	24	70
	Adjust tobies	2	No.	2.00	4	00
	TOTAL TO SUMMARY				36	68

ROYAL BURGH OF DORNOCH

INTERIM MEASUREMENT NO. 1

UP TO AND INCLUDING 30th SEPTEMBER 1973

[illegible]

WM. TAWSE LTD.

DAYWORK RETURN

F.506

Contract NDRM Daywork Order No. 1 Week Ending 10/6 17/6 & 24/6

Description -

DORNOCH ROAD MAINTENANCE
SCARIFY & RESURFACE PART OF SUTHERLAND ROAD

Workman's Name and Trade	19/6							Total Hours	Rate	Value	
	8/6	12/6	18/6	TIME	21/6						
	Mon	Tues	Wed	Thurs	Fri	Sat	Sun				
J. Mackay FO	10 $\frac{1}{4}$	11 $\frac{3}{4}$	11	5 $\frac{1}{2}$	4 $\frac{1}{2}$			43	62p	26	66
D. Mackay Pl. Op.	10 $\frac{1}{4}$	11 $\frac{3}{4}$	11	5	7			45	65p	29	25
R. Matheson Spr	9 $\frac{1}{2}$	11	-	-	-			20 $\frac{1}{2}$	58p	11	89
H. Murray Lab	9 $\frac{1}{2}$	11	10 $\frac{1}{4}$	5	4			39 $\frac{3}{4}$	56p	22	26
F. Munro Lorry Dr.	6	8 $\frac{1}{2}$	6	7 $\frac{1}{2}$	-			28	65p	18	20
Travelling	£ 2.90	2.90	2.30	2.30	2.30					12	70
D. Mackay £1 per day		1.00									
Miles for car 66 x 5p		3.30							+ 107 $\frac{1}{2}$ %	130	03
Driver 2 hrs @ 65p		1.30									
		£ 5.66	per day.							250	99
<u>D. Mackay</u>											
Travelling Time £1.00 per day											
<u>R. Matheson</u>											
Travelling Time £0.60 per day											

Plant/Materials	Rate	Value		Materials/Plant	Rate	Value	
8 Ton Lorry 24 hours	1.58	37	92	Mileage for car 5 dys	4.30	16	50
Barber Green Spreader 4 hours	3.48	13	92	3 $\frac{3}{4}$ Bitmac Table 5 d/d 17.04 Tonnes	4.67	79	58
8 Ton Roller with Scarifier 22 hours	2.45	53	90	Scalping for dressing 2 Tonnes	1.87	3	74
Standing time for lorry for spreading 4 hours	1.05	4	20			99	82
		109	94		+ 12 $\frac{1}{2}$ %	12	48
						112	30
SUMMARY							
Labour						250	99
Plant						109	94
Materials						112	30

This form must be
completed daily
for each Squad
by the Ganger
in charge

Description of Work Done (Operations) and Time Worked

Data:

Contract:

Ganger's No. and Name

3049 J. Macdonald

[illegible]

Date:

Contract:

Ganger's No. and Name

3040 J MacKay

SCAFFOLD SURFACE FOR TOWER	SERVIC	HANDLED SURFACE	FILLO							Total Daily Hours	Individual Employees	
											Nos.	Names
6		6	6							104	3049	J. M. MURRAY
6	6	6								102	3039	D. MURRAY
6		6								10	3075	H. MURRAY
4		6								10	3453	R. MATHESON
SINGLE J. MURRAY FURN. DADA 4 BEHOLD 3049 J. MURRAY												
RETURN BEHOLD 4 BEHOLD 3049 D. MURRAY												
L. M. 72 hrs.												
Operation Total Hours												
Operation Cost Codes												

This form must be completed daily for each Squad by the Ganger in charge

Description of Work Done (Operations) and Time Worked

Date:

18/6/73

Contract:

DORNOCH BURG H

Ganger's No. and Name

3049 J. MackayTotal
Daily
Hours

Nos.

Individual Employees

Names

Ten

3 1/2

2 1/2

3 1/2

1/2

10

3049

J. Mackay

11

3 1/2

2 1/2

3 1/2

1/2

10

3049

D. Mackay

11

3 1/2

2 1/2

3 1/2

9 1/2

3049

H. Mackay

10 1/2

SINGLE JOURNEY HEARN DORNOCH 23 MILES 3049 J. Mackay

RETURN FOR CAR 11 MILES 3049 D. Mackay

Low 500

Operation Total Hours

Operation Cost Codes

Date:

Contract:

Ganger's No. and Name

5049 T. M. 1944

[illegible]

This form must be completed daily for each Squad by the Ganger in charge

Description of Work Done (Operations) and Time Worked

Date:

21/1/73

Contract:

Ganger's No. and Name

3049 J. MACKEY

Laying Tarmac with B.G.	Servicing B.G.	Rolling Tarmac with Heavy Roller	Hand Spreading Tarmac	Filling Time Sheet	Rolling Tarmac with Vibrating Roller	Sutherland Road	Total Daily Hours	Individual Employees		Total Hrs
								Nos.	Names	
4		2	5				6 1/2	3049	J. MACKEY	10 1/2
82	1	4		2			9	3059	D. MURRAY	11
4							6	3075	H. MURRAY	10
SINGLE TURN FOR TURN 2 MILES 3049 J. MACKEY										
RETURN FOR 1.40 MILES 3059 J. MACKEY										
Operation Total Hours										
Operation Cost Codes										