TRN/LAN/1#19

C.S. | PUBLIC WORKS (Stanley Improvement Scheme) | 1925.

No. 456/25

Executive Engineer S.I.S

SUBJECT.

1925

25th June

STANLEY IMPROVEMENT SCHEME

Executive Engineer submits Reports, etc., on Drainage Scheme.

Previous Paper.

MINUTES.

Minute from Executive Engineer of 25th June 1925 - Encl (1)

P.A. 22/8/35

E.S. Submitted.

[initials]
O.i/c Sec
29 June 1925

O.i/c/C.S.O.

I approve of the works proposed in this report being proceeded with up to a maximum expenditure of £900. It will require most careful supervision to keep the expenditure within this limit but I am confident that Mr Roberts will do his utmost to ensure that a careful check is kept on all expenditure & that the funds available are used to the most advantage for improving

Subsequent Paper.

the sanitary condition of the Town.

9 July 1925

Executive Engineer

Referred

O/C/Sec

9 July 1923.

Hon. Col. Sec:

Noted and returned

G. Roberts

10th July 1925.

Minute from Ex. Engineer, S.I.S. of 17th Aug 1925 — Encl (2)

Report by Ex Engineer, S.I.S. ——————— " (2)a.

Submitted

O/C/Sec

18 Aug 1925

D.I.C/C.S.O.

Arguments pro & con are stated in (2) in favour of square type of gutter & concrete gutter as shown like type may now be adopted.

18 August 1925

No. 95/25

(It is requested that, in any reference to this minute, the above Number and the date may be quoted).

MINUTE.

(1)

25th June, 1925

From Executive Engineer,
Improvement Works,
Port Stanley.

COLONIAL SECRETARY'S OFFICE
26 JUN 1925
FALKLAND ISLANDS

To THE COLONIAL SECRETARY,
STANLEY, FALKLAND ISLANDS.

STANLEY IMPROVEMENT WORKS - Drainage.

Submitted.

Basis of Estimate showing work proposed to be carried out for the £9,000 approved under the Drainage Scheme.

G. Roberts.
Executive Engineer.

STANLEY IMPROVEMENT WORKS.

DRAINAGE OF STANLEY.

Basis of Estimate.

			£.	s.	d.
ROSS ROAD. (WATER PIER TO TOWN HALL).					
343 yds. run.	9" stoneware drain	@ 22/-	377.	6.	0
5 No.	Manholes.	@ £25.	125.	0.	0
	Allow for 12" cast iron outfall.		70.	0.	0
3 No.	Gullies	@ £12.	36.	0.	0.
	Allow for 4" connections to Gaol House, Hospital, Colonial Secretary's Office.		25.	0.	0
	Fill in existing ditch, grade and lay				
147 yds run.	12" concrete half channel	@12/-	88.	4.	0
			£721	10.	0
ROSS ROAD (GAOL HOUSE TO BARRACK STREET)					
4 No.	Gullies.	@ £12.	48.	0.	0
	(Note. Concrete kerb & gutter proposed to be laid under Roads subhead for this section)		£769.	10.	0
ROSS ROAD. (TOWN HALL TO PUBLIC JETTY).					
100 feet.	12" Cast iron Outfall	@ £1.	100.	0.	0
315 yards run.	12" stoneware drain.	@ 27/-	425.	5.	0
212 " "	9" " "	@ 22/-	233.	10.	0
200 " "	6" " "	@ 15/-	150.	0.	0
10 No.	Manholes.	@ £25.	250.	0.	0
20 No.	Gullies.	@ £12.	240.	0.	0
	Allow for 6" stoneware drain to School with inspection chamber and connections to urinals.	(say)	100.	0.	0
		CARRIED FORWARD	£2,271.	5.	0

		£.	s.	d
	BROUGHT FORWARD	£2,271.	5.	0.

ROSS ROAD (TOWN HALL TO PUBLIC JETTY) (Continued).

Picking up and connecting drains at Dean Street and Villier's Street.	(say)	20.	0.	0
Allow for picking up drains at Ship Hotel and the Gaol paddock.	"	50.	0.	0
Allow for 6 No. house connections.	@ £5.	30.	0.	0
		£2,371.	5.	0

BARRACK STREET.

Connect 2 No. lodging houses and form catchpit at top joining on to John Street to pick up existing gutter.	(say)	25.	0.	0
		£2,396.	5.	0

LOWER END OF PHILOMEL STREET.

50 yards run.	6" stoneware drain	@ 15/-	37.	0.	0
	Form catchpit and connect to drain.		15	0.	0
	Allow for 4" connections to Jubillee Villas and Public urinal.	(say)	20.	0.	0.
			£2,468.	5.	0.

CROLIER PLACE.

267 yards run.	12" stoneware drain	@ 27/0.	360.	9.	0
1 No.	Catchpit, and connect.		10.	0.	0
2 No.	Manholes.	@ £25.	50.	0.	0
5 yds. run.	6" stoneware drain under road to East Store.	@ 15/-	3.	15.	0
	Allow for 3 No. connections to Falkland Is. Co's premises and house.		17.	0.	0
	Grade ditch to Hebe Street.		5.	0.	0.
	CARRIED FORWARD.		£2,914.	9.	0.

			£.	s.	d.
	BROUGHT FORWARD.		2,914.	3.	0
	JAMES STREET.				
340 cub. yds.	Fill in existing ditch South side.	@ 5/-	85.	0.	0
243 yds run.	Regrade ditch and lay 12" concrete half channels.	@ 12/-.	145.	16.	0.
1 No.	Catchpit on S.W. corner and connect to drain in Hebe Street.		25.	0.	0
1 No.	Gulley at N.W. corner		12.	0.	0.
73 yds. run.	Regrade and lay channel at N.W. corner. (channels to be taken from South side of road)	@ 6/-	21.	18.	0.
			£3,204.	3.	0
	HEBE STREET.				
	12" Cast iron outfall.		100.	0.	0.
2 No.	Manholes	@ £25.	50.	0.	0.
			£3,354.	3.	0.
	(See Item "Diversion of Water from Murray Heights" folio.....) for stone lined drain down W.side of Hebe Street, and culverts under roads.)				
	DITCH EAST OF FITZROY ROAD.				
173 yds run.	Regrade and line with concrete slabs and connect to drain in Hebe Street.	@ 7/-	60.	11.	0.ϕ
	(Note. ϕ Leave ditch as existing and allow this amount for improvements to lower portion of the road. in accordance with M.E. The Governors instructions).				
			£3,414 .	14.	0.
	FITZROY ROAD (FOR 143 yds WEST OF HEBE STREET).				
143 yds run.	Regrade ditch and line bottom with concrete slabs.	@ 7/-	50.	1.	0.
1 No.	Catchpit at Hebe Street.		15.	0.	0
1 No.	Catchpit at existing drain. Drain to be connected to manhole in Crozier Place.		20.	0.	0.
	CARRIED FORWARD		£3,499.	15.	0.

	BROUGHT FORWARD.			£3,499.	15. 0
	FITZROY ROAD (EAST OF PHILOMEL STREET).				
	Regrade ditch and lay 12" concrete half channels, slope and turf bank to fence, put in road gulley on East corner and connect to manhole.				
110 yds run.	Slope & turf bank and lay concrete half channels	@	12/-	£66.	0. 0.
1 No.	Gulley, and connect to manhole.			12.	0. 0.
				£3,577.	15. 0.
	PHILOMEL STREET (SOUTH OF FITZROY ROAD).				
167 yds run.	Regrade ditch West side and lay 12" concrete half channels to Davis Street.	@	12/-	£100.	4. 0.
	(Note. Part of existing channel on East side lower end can be relaid if funds are available).				
				£3,677.	19. 0.
	FITZROY ROAD. (Philomel Street to Dean Street).				
	North side. Regrade and lay 12" concrete channel for 88 yards to fall to Philomel Street catch pit to discharge into manhole. North side. Regrade and lay 15" concrete channel for 88 yards picking up existing 18" drain. All banks to be sloped and turfed. Channel to fall to Dean Street. Form catchpit at corner to discharge into manhole.				
88 yds run.	12" concrete half channel	@	12/-	52.	16. 0.
88 yds run.	15" " " "	@	15/-	66.	0. 0.
2 No.	Catchpits.	@	£15.	30.	0. 0.
	Allow for building baffle wall to existing 18" drain.		(say)	5.	0. 0.
	Allow for sloping & turfing banks & carting to dump.		"	30.	0. 0.
	CARRIED FORWARD			£3,861.	15. 0.

		£	s.	d
	BROUGHT FORWARD.	3,881.	19.	0.

DEAN STREET (ABOVE FITZROY ROAD).

Regrade ditch West side of road and pave bottom with concrete slabs. Form catchpit at junction to Fitzroy Road and connect to manhole, Fill in ditch on East side.

167 yds run.	Slope side of ditch and regrade and lay concrete slabs	@ 7/6.	58.	9.	0.
I No.	Catchpit.		15.	0.	0.
			£3,955.	4.	0.

DAVIS STREET.

(Note. Existing concrete gutters, which are in fairly good condition, to be cleaned out and left until roads are made up).

FITZROY ROAD (DEAN TO VILLIERS STREET).

Grade and lay 50 yards 6" channel from corner of Club premises Westwards on North side of road. Form small catchpit on corner to connect to manhole.

50 yds run.	6" channel.	@ 10/-.	25.	0.	0.
I No.	Small catchpit.	@ £12.	12.	0.	0.

South side of Road.

Grade and lay 15" channel to fall to Dean Street catchpit.

183 yds run.	15" channel	@ 15/-	137.	5.	0.
	Allow for banks (slope & turf)		40.	0.	0.
			£4,149.	9.	0.

VILLIERS STREET (ABOVE FITZROY ROAD).

Regrade ditch East side and lay concrete slabs to bottom, slope and turf bank, form catchpit at corner and connect to existing 9" drain West side of road. Rebuild pit on West side and fit stronger grating.

160 yds run.	Grade and slab ditch.	@ 7/-	56.	0.	0.
I No.	Catchpit and drain across road.		14.	0.	0.
I No.	Rebuild pit and fit stronger grating		10.	0.	0.
	CARRIED FORWARD		£4,229.	9.	0.

		£	s.	d.
	BROUGHT FORWARD.	4,229.	9.	0.

DRURY STREET (EAST END).

Fill in ditch North side, put in road gulley at bottom of road from Rose Hotel, allow for 4" drain from Rose Hotel urinal and connect to manhole.
Regrade ditch South side of road and lay 12" concrete channel to catchpit at corner of Drury and Villiers Street. Slope and turf banks.

73 yds run.	12" concrete channel.	@ 12/-	43.	16.	0.
1 No.	Catchpit.		15.	0.	0.
1 No.	Gulley.		12.	0.	0.
	Allow for 4" drain to Rose Hotel.		10.	0.	0.
85 yds. run.	6" stoneware drain	@ 15/-	62.	5.	0.
2 No.	Manholes.	@ £25.	50.	0.	0.
			£4,422.	10.	0.

JOHN STREET (VILLIERS STREET TO DARLOT STREET).

Lay 9" drain, form catchpit at corner of Villiers Street and allow for 4 No. house connections and 3 No road gullies and connect to manholes

180 yds run.	9" stoneware drain	@ 22/-.	198.	0.	0.
3 No.	Manholes.	@ £25.	75.	0.	0.
3 No.	Road gullies	@ £12.	36.	0.	0.
1 No.	Catchpit.		15.	0.	0.
	Allow for 4 house connections.		20.	0.	0.
ϕ 207 yds run	12" concrete half channels @ 12/0		124.	4.	0.ϕ
(ϕ NOTE.	Concrete kerb and gutter proposed to be laid under Roads subhead, in lieu).				

JOHN STREET (VILLIERS STREET TO PHILOMEL STREET & DRAIN UP DEAN STREET).

Form catchpit at corner of Kelper Store and connect to manhole. Road gulley at Kelvin Store & 3 intermediate road gullies.

160 yds run.	9" stoneware drain	@ 22/-.	176.	0.	0.
190 " "	12" " "	@ 27/-	256.	10.	0.
4 No.	Manholes.	£25.	100.	0.	0.
1 No.	Catchpit.	@ £15.	15.	0.	0.
4 No.	Road gullies.	@ £12.	48.	0.	0.
6 No.	Allow for house connections	@ £5.	30.	0.	0.
ϕ 333 yds run.	12" concrete half channels	@ 12/-	199.	16.	0.ϕ
(ϕ NOTE.	Concrete kerb and gutter proposed to be laid under Roads subhead, in lieu)		£5,716.	0.	0.

		£	s.	d
	BROUGHT FORWARD	5,710.	0.	0.

PHILOMEL STREET (FROM FITZROY ROAD TO CROZIER PLACE).

133 yds run.	I2" stoneware drain.	@ 27/-.	I79.	II.	0.
3 No.	Manholes.	@ £25.	75.	0.	0.
	Form 2 No catchpits on existing drain at Globe Store corner and allow for connections to Globe Store and L.William's Residence, and I No catchpit at Globe Hotel to connect to urinal.				
3 No.	Catchpits.	@ £I2.	36.	0.	0.
3 No.	Allow for house connections		I5.	0.	0.
			£6,02I.	II.	0.

DRURY STREET WEST END & ROAD UPHILL TO MOODY STREET.

Lay drain as shown on plan, form catchpit at Moody Street junction to pick up channel, also catchpit on corner Colonial Postmaster's Quarters.
Allow for 4" connections to 5 No houses.
Allow for relaying concrete channel in front of Canteen and forming catchpit at corner.
4" connection to Colonial Postmaster's and Colonial Surgeon's Quarters and inspection chamber.

67 yards run	6" stoneware drain	@ I5/-	50.	5.	0.
83 " "	9" " "	@ 22/-	9I.	6.	0.
4 No.	Manholes.	@ £25.	I00.	0.	0.
3 No.	Catchpits.	@ £I5.	45.	0.	0.
5 No.	Allow for house connections	@ £5	25.	0.	0.
	Allow for inspection chamber and 4" drain to Colonial Surgeons Quarters.		I5.	0.	0.
	Do. Colonial Postmaster's Qrs.		I0.	0.	0.
			£6,358.	2.	0.

MOODY STREET EAST OF KING STREET.

Build up bank on North side and lay I2" concrete half channels, connect across road to houses with 4" pipes, form 2 catchpits and connect to existing drains.

233 yds run.	I2" concrete half channel	@ 12/-	I39.	I6.	0.
233 " "	Make up bank.	@ 8/-	93.	4.	0.
	Allow for connections to 8 houses.		20.	0.	0.
	CARRIED FORWARD		£6,6II.	2.	0.

		£	s.	d
	BROUGHT FORWARD.	6,611.	2.	0.

ALLARDYCE STREET (FROM KING STREET TO COLONIAL SURGEON'S RESIDENCE).

Lay drains as shown and extend to catchpit at King Street. Lay 12" concrete channel North side of road and form catchpit to connect to manhole. Allow for connections to same from houses on South side. Fill in existing ditches on green.

120 yds run	6" stoneware drain	@ 15/-	90.	0.	0.
3 No.	Manholes.	@ £25.	75.	0.	0.
2 No.	Catchpits.	@ £15.	30.	0.	0.
87 yds run.	12" concrete channel at	12/-	52.	4.	0.
	Allow for house connections.		10.	0.	0.
	Allow for filling ditches.		3.	0.	0.
			£6,871.	6.	0.

KING STREET.

Regrade and lay 12" concrete channel each side, with catchpits to connect to drain. Lower end to discharge into St. Mary's Walk.

187 yds run.	12" concrete channel	@ 12/-	112.	4.	0.
1 No.	Catchpit.		12.	0.	0.
			£6,995.	10.	0.

WOODY STREET.

Take up and regrade existing stone lined ditch and lay 12" concrete channel to fall to existing drain at East end and to Magazine Valley at West end. East end of road to be lowered and bank on South side to be sloped 1½ to 1 with 6" channel at foot to lead into new channel on North side.

233 yds run.	Concrete channel	@ 12/-.	139.	16.	0.
2 No.	Catchpits (1 at existing drain and 1 West end of street)	@ £12.	24.	0.	0.
	CARRIED FORWARD		£7,159.	6.	0.

		£	s.	d.
	BROUGHT FORWARD	7,159.	6.	0.

ALLIARDYCE STREET.

Lay 40 yards 6" channel at back of Customs Officer's house and form catchpit on corner, North side.
Lay 12" concrete channel full length of street on South side, form catchpit half way down road at existing drain and catchpit at Reservoir Road and connect to Magazine Valley drain.
Slope and turf bank and allow for house connections.

40 yds run.	6" channel.	@ 10/-	20.	0.	0.
242 " "	12" channel.	@ 12/-	145.	4.	0.
2 No.	Catchpits.	@ £12.	24.	0.	0.
	Allow for house connections.		20.	0.	0.
	" for drain across road to Magazine Valley.		10.	0.	0.
	Slope and turf bank etc.		45.	0.	0.
			£7,423.	10.	0.

ST. MARY'S WALK AND RESERVOIR ROAD.

St. Mary's Walk.
Regrade and lay 12" concrete channel the whole length on South side of road, form catchpit opposite West end of Hospital to pick up drain coming through paddock from Alliardyce Street. Reline present open ditch in paddock to discharge into 12" concrete channel in St. Mary's Walk, form catchpit on corner and connect to existing drain, slope and turf bank.
Reservoir Road.
Regrade ditches and slope banks.

310 yds run.	12" concrete channel	@ 12/0	186.	0.	0
3 No.	Manholes on existing drain,	@ £25.	75.	0.	0.
2 No.	Catchpits	@ £15.	30.	0.	0.
3 No.	Allow for house connections		15.	0.	0.
40 yds run.	Reline ditch through paddock	@ 7/6	15.	0.	0.
	Allow for slope & turf bank St. Mary's Walk.		52.	0.	0.
	" " Reservoir Road.		20.	0.	0.
			£7,816.	10.	0.

HOSPITAL.

Generally overhaul drains and allow for

2 No.	Inspection chambers	@ £8.	16.	0.	0
2 No.	Gulleys.	@ £12.	24.	0.	0
50 feet	Relaying existing 4" drain	@ 4/-	10.	0.	0.
	CARRIED FORWARD		£7,866.	10.	0.

	£	s.	d
BROUGHT FORWARD	7,866.	10.	0.

DIVERSION OF WATER FROM THE MURRAY HEIGHTS.

Hebe Street.

367 yds run.	Fill in existing ditch and lay stone lined culvert, 18" x 12" down West side of Hebe Street including extension of grip to South @ 12/-	220.	4.	0.
	Allow for culverts under roads to outfall and at junction to Fitzroy Road.	60.	0.	0.
	Allow for stone lined grips. open trenches and bridges from drainage areas on Common. (say)	100.	0.	0.
		£8,246.	14.	0.
	Contingencies, Administration etc.	1,653.	6.	0.
		£9,900.	0.	0.

(The prices have been cut to a minimum, but it is hoped that the work mentioned in this estimate will be carried through for the amount approved under drainage, viz. £9,000).

No. *

(It is requested that, in any reference to this minute, the above Number and the date may be quoted).

MINUTE.

17th August, 1935

From Executive Engineer, Improvement Works, Port Stanley.

To THE COLONIAL SECRETARY, Stanley, Falkland Islands.

STANLEY IMPROVEMENT WORKS - Drainage.

With reference to the above, I beg to report that, in view of the need for economy, a square type of concrete gutter has been devised to substitute the 12" concrete half channels proposed to be laid in the town.

2. A length of the half round channel has been laid along St. Mary's Walk, and a length of the square type of gutter, formed with kerbs and slabs, has been laid through a portion of King Street.

3. It.

3. It has been found that the latter type of gutter, made in the 'Winget' machine, can be produced much more expeditiously and economically, is easier handled, whilst at the same time being equal in efficiency to the half round channel. Further the concrete castings forming this square gutter could be advantageously used if, in future years, further improvements be contemplated, e.g. the laying of a path where a square gutter exists the castings could be adapted for the kerb, paving slabs, etc., whereas the half round channel would be useless for this.

4. I therefore beg to submit for favourable consideration and approval for the adoption of the square type of gutter for lining the remainder of the ditches in the town.

G. Roberts.

Executive Engineer.