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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2284	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	7. 8.	1954	18/5

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th August 1875.*

Read the following papers:—

No. 125. From G. T. WALCH, Esq., Executive Engineer, 3rd Grade, to Lieutenant-Colonel J. MULLINS, R.E., Officiating Secretary to Government, Public Works Department, Madras, dated London, 8th July 1875.

I HAVE the honor to ask for a recommendation to the Secretary of State for India to grant me permission to visit, at the public expense, according to the usual terms and conditions, the American and Canadian Canal, River, and Water Works named in the accompanying list. From them I am confident there is much to be learnt that will be of great use in carrying out works of a similar nature in India.

LIST OF WORKS REFERRED TO IN THE LETTER.

Canadian Canals.

- (1.) The St. Lawrence Canals, now being enlarged and locks being made 240' × 45'.
- (2.) The Welland Canal, between lakes Erie and Ontario, with 330' of lockage in its course of 27 miles; passes vessels of 400 tons burden.
- (3.) The Richelieu and Champlain Canals from the St. Lawrence near Montreal to lake Champlain (joins the Erie Canal).

United States' Canals, &c.

- (4.) The Erie Canal and its branches.
- (5.) The Illinois and Michigan Canal from Chicago to the Illinois River, and the canalization of that river below La Salle, now in progress. (Locks 300' × 70'.)
- (6.) Canal round the "Des Moines" rapids of the Mississippi (in progress).
- (7.) The Portland Canal round the falls of the Ohio near Louisville (Locks 390' × 80' with lift of 14'), and the canalization of the Ohio.
- (8.) The New York Water Works.
- (9.) The Chicago Water Works.
- (10.) The Lake Harbour Works of Chicago and Buffalo, in which "crib work" is so largely used.

No. 868.

MEMORANDUM.

THE undersigned believes that Mr. G. T. Walch, if permitted by the Secretary of State to visit America and Canada [for the purpose of inspecting hydraulic works, will make excellent use of the opportunity which will be thus afforded him of extending his knowledge and experience. The Government are aware of the highly satisfactory manner in which Mr. Walch has conducted the important duties devolving upon him while in charge of the Western Delta, Godavery, and should it be thought proper to make a recommendation on his behalf to the Secretary of State no doubt need be entertained but that Mr. Walch will do all in his power to render himself still more useful in the future than he has been in the past.

OOTACAMUND,
6th August 1875.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Officiating Chief Engineer for Irrigation.

Proceedings of the Madras Government, Public Works Department,
7th August 1875.

No. 126.

ORDER THEREON, 7th August 1875, No. 2,284.

ESTABLISHMENT, No. 10.

THE Honorable the Governor in Council is of opinion that Mr. G. T. Walch's excellent character for efficiency as a Public Works Officer, who has been engaged on hydraulic work in this Presidency fully justifies the belief that he will make good use of any opportunity which may be afforded him of extending his experience and knowledge, and His Excellency in Council therefore will gladly recommend the Secretary of State to allow him to visit the United States and Canada at the public expense for the purpose of inspecting hydraulic works.

(True Extract.)

(Signed) J. O. HASTED, Major, R.E.,

Officiating Joint Secretary to Government.

To Mr. G. T. Walch, Executive Engineer, P.W.D.,

Care of Messrs. H. S. King and Co., 45, Pall Mall, London.

To the Chief Engineer for Irrigation.

Controller of Public Works Accounts.

Irrigation

No. 868

Memorandum.

The undersigned believes that Mr. G. T. Walch, if permitted by the Secretary of State to visit America and Canada for the purpose of inspecting hydraulic works, will make excellent use of the opportunity which will be thus afforded him of extending his knowledge and experience. The Government are aware of the highly satisfactory manner in which Mr. Walch has conducted the important duties devolving upon him while in charge of the Western Delta, Godavery, and should it be thought proper to make a recommendation on his behalf to the Secretary of State no doubt need be entertained but that Mr. Walch will do all

22.

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useful in the future than he has been
in the past.

Washington D.C.
Chief Engineer for Irrigation.

Oakland
18 August 1875

P. W. 1895-1896
No: 5155.
The Chief Engr.
for Irrigation.
Del. 6 Aug. 1875.
No. 9 in 1875.
Indicating the ad-
vantages that will
be derived by permit-
ting the Mex. N. W. R. R.
to build America and
Canada for improving
irrigation works.
No. 2284. 7-8-75.

London
8th July 1875.

The Secretary to Government
Public Works Department
London.

Sir. I have the honor to
ask for a recommendation
to the Secretary of State for
India to grant me
permission to visit at
the Public expense, according
to the usual terms and
conditions, the American
& Canadian Canal, River
& Water Works named in
the accompanying list.
From them I am confident
there is much to be learnt
that will be of great use
in

in carrying out work
of a similar nature in
India.

I have the honor to be
Sir.

Your most obed^t servant

James M. Walsh
Executive Engineer 3rd Grade

Address
Messrs J. H. Skins & Co
45 Wall Street.

List of works referred to
in the letter.

Canadian Canals

- (1) The St. Lawrence Canals - now
being enlarged and locks
being made 240' x 45'
- (2) The Welland Canal
between Lake Erie & Ontario
with 330' of locks in its
course of 27 miles - passes
vessels of 4000 tons (hundred)
tons burden.
- (3) The Richelieu & Champlain
Canals from the St. Lawrence
near Montreal to Lake
Champlain (joins the Erie Canal)

United States Canals &c.

- (4) The Erie Canal and its
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- (5) The Illinois & Michigan
Canal from Chicago to the
Illinois River and the
canalization of that River
below La Salle - now in progress.
(Locks 300' x 70')
- (6) Canal round the "Des Moines"
rapids.

W. M. 1862-1863

rapids of the Mississippi

(4) The Portland Canal
round the falls of the
Ohio near Louisville (Length
390' x 80' with lift of 14') +
the Canalization of the
Ohio -

(8) The New York water-works

(9) The Chicago water-works.

(10) The Lake Harbor-works
of Chicago + Buffalo. in
which "Civil work" is so largely
represented.

Aug 12 1875

No 125

John F. Walch Esq.
New York Aug 31 1875
I have the honor to acknowledge the receipt of your letter of the 21st inst. in relation to the proposed canalization of the Ohio River, and in reply to inform you that the same has been forwarded to the proper authorities for their consideration.

John F. Walch Esq.
New York Aug 31 1875

Spec. Inq. 100-100

J. F. Walch Esq.

From

No. 5013.

P. W. Dept.

Aug 12 1875

Estab

No 2284 P. W. Dept.

Proceedings of the Madras Com.

Under date the 7th Aug 75

Read the following

From L. J. Walch Esq. { H. E. No. 78 July 75
Re: Inq. Br. D. {

Memo by Chief Inq. for Inq. (No. 868 of 6 Aug 75)

W. B. 1875

25-8-1875

The Honble the
Governor in Council is
of opinion that Mr. L. J.
Walch's excellent character
for efficiency as a Public
Works Officer who has
been engaged on hydraulic
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fully justifies the belief
that he will make good
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him of extending his

experience and knowledge
 and his excellence in
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 Secretary of State to allow
 him to visit the United
 States and Canada at
 the public expense for
 the purpose of inspecting
 hydraulic works.

Wm. G. F.

2 Mr. H. J. Walde - Ex. Engr. 700
 care of Messrs H. S. King & Co
 45 Pall Mall London
 J. Chief Engr. for Dept.
 of War

SC. 19-8-75

To the Hon. Secy of State
 War Office London
 as to the matter of the
 visit of the Hon. Secy of State
 to the U.S.A.

30-

10-12-18-75

10-12-18-75

5013
5155

Govt. of Madras.

PUBLIC WORKS.

For payment by R.R.
To

Mr. J. T. Walsh.
Secy. Ingr. P.W.D.

Dated

Issued

Recd.

Encl.

G. O.,

7 Aug 1875, No. 2284

Nos. 125-126

Mr. J. T. Walsh. — The sanction
of the Home Govt. to be requested
to the proposal that —
on leave in England, be
permitted to visit at the
public expense the United
States & Canada, for the
purpose of inspecting certain
large hydraulic works in those
countries.