

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepāk, 30th September 1886, No. 3263.

With reference to paragraph 2 of G.O., No. 1286 W., dated 21st May 1886, I have the honor to forward a list of the bridges in Madras made over to the municipality.

2. The bridges, &c., which are in need of repair are marked with an asterisk. It will be seen from the return that the road culverts have been entered as seven bridges. It is believed that they were originally built by Government; they have, however, not been repaired hitherto by the Madras Municipality. All these also more or less need repairs.

ENCLOSURE.

LIST of Public Bridges at Madras.

Number.		Names.	Locality.	Date of construction.	Remarks.
Serial.	Group.				
No. I.—Cooum River.					
1	1	Napier bridge	At the bar.	1805.	Erected in 1755 on piers which had been laid in 1740. Widened and improved in 1820.
2	2	Government House or St. George's bridge.	At the Government House		
3	3	Wallajah bridge	In front of Wallajah Fort Gate ..		
4	4	St. Mary's bridge	In front of Penitentiary.	1817 ..	This bridge requires repairs.
5	5	Law's bridge	In rear of do.		
6	6	St. Andrew's bridge*	At the west of Chintadripett near Women and Children's Hospital.		
7	7	Harris' bridge	At Komaleswaren Covil	1854-55. 1825.	
8	8	Commander-in-Chief's bridge ..	At Ningumbaukum on the road leading to do. from Neil's statie.		

List of Public Bridges at Madras—contd.

Number.		Names.	Locality.	Date of construction.	Remarks.
Serial.	Group.				
No. I.—Cooum River—cont.					
9	9	Anderson's bridge	At the Old College Hall, Nungumbaukam.	1829.	
10	10	Munro's bridge*	At the Karicatha Covil	1824.	
No. II.—Buckingham Canal.					
11	1	Toll-gate or Manitty's bridge ..	To the north of basin.		
12	2	Basin bridge	At the basin.		
13	3	Elephant-gate bridge	Near Salt Cottar.		
14	4	Hospital bridge	At the General Hospital.		
15	5	Grant Duff's bridge	At the Marine Villa	1884.	
16	6	Revenue Board bridge	At the Revenue Board office.		
17	7	Chepauk bridge	At the Presidency College.		
18	8	Karian Kuppam new wooden bridge.	At the south of Chepauk compound.		
19	9	Burial-ground wooden bridge ..	At Triplicane.		
20	10	Ice-house road bridge	To the north-west of Ice-house.		
21	11	Elliott's do.	In rear of Mofussil Police office.		
22	12	Barber's bridge	At the Mylapore Ayathoray or vegetable market.		
23	13	Oliver's road wooden bridge ..	Near Mylapore, Kosapettah.		
24	14	Luz Church road bridge	Near Mr. Justice Muthusawmy Iyer's bungalow at Mylapore.		
25	15	Brodie's road bridge	Near Rajah Sir T. Madava Row's bungalow at Mylapore.		
26	16	Yelapatha Mada Covil road (wooden) bridge.	To the west of Mylapore Post Office.		
27	17	Greenway's road bridge	Near Honorable Carmichael's bungalow at Mylapore.		
No. III.—Adyar River.					
28	1	Brodie's bridge*	Near Brodie's Castle, Adyar.		
29	2	Elphinstone bridge*	On the main stream of Adyar ..	1840-1842.	
30	3	Quibble Island bridge	At the Quibble Island, Adyar.		
No. IV.—Ootary Nullah.					
31	1	Nellore high road bridge	To the east of Powder Mills.		
32	2	Gantz road bridge	To the west of do.		
33	3	Stephen's road causeway*	To the north of Perambore Cotton Mills.		
34	4	Farren's road bridge*	To the south of Perambore Cotton Mills.		
35	5	Strahan's bridge*	At its junction with Coonoor road at Oopparapoliann.		
36	6	Kelly's road bridge	Near Magdalen Asylum at Madavakum.		
No. V.—Drainage Stream at Nungumbaukam.					
37	1	Nungumbaukam high road bridge*	Near Nungumbaukam Parcherry.		
38	2	Haddow's road bridge*	Near Haddow's garden at Nungumbaukam.		
39	3	Raeme's road bridge*	Near Mackey's Parcherry.		
40	4	Dallow's road bridge*	Do. do.		
No. VI.—Drainage Streams at Pursewaukam.					
41	1	Vencatasabuthan road bridge* ..	On road leading from Vencatasabuthan street to Moccoo Chetty street.		
42	2	Vedavenoyager road bridge* ..	South of Sepoy lines, Perambore.		
43	3	Ankalammen Covil street bridge* ..	East of Perambore sepoy lines.		
44	4	DeMellow's road bridge*	At Veerannam Thottam.		
45	5	Powder Mill's road bridge*	South of Powder Mills.		
No. VII.—South Beach Drainage at Triplicane, &c.					
46	1	Capper House bridge	Recently converted by a culvert and unbankment.		
47	2	Saint Thomé bridge	Do. do. do.		
No. VIII.—Veyasarpady Drainage.					
48	1	Veyasarpady bridge*	On the road leading to the Reserve Powder Magazine.		
49 to 55		Large and small culverts equal, say, to seven bridges*.			

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepák, 13th October 1886, No. 3555.

In reference to G.O., No. 2071 W., dated 18th August 1886, and to the two of Rs. 3,331 and Rs. 2,029 mentioned in G.O., No. 885 W., dated 1st April 1886, I have the honor to explain that the former represents principally the average cost of painting and cement-plastering the bridges during the last ten years; but the Municipality appear, from their letter, No. 267, dated 16th July 1886, to think that no such extraordinary cement-plastering is to be executed by them. I would point out that this idea is acted upon, the state of many bridges and culverts will remain as now eye-sore to the principal roads in the place. The list accompanying my report, No. 3263, dated 30th September 1886, shows those which are now especially in need of cement-plastering; unless such repair is executed in the next few years, several of these works will probably have to be rebuilt.

From Major S. CLARKE, R.E., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Madras, 27th August 1886, No. 187-B.C.

With reference to G.O., No. 1286 W., of 21st May 1886, I have the honor to inform you that I instructed the Executive Engineer, Buckingham Canal Division, to hand over to the Madras Municipality all the bridges along the Buckingham canal (old Junction Canal), excepting the first bridge within the Government House Park. I assume that I was authorized to do so under the ruling of the Government Order.

However, the President in his letter,* No. 318 P.W., dated 6th August 1886, which is submitted for perusal, has objected to take charge of the said canal bridges, as he is of opinion that the Government Order referred only to the main bridges which were severally named, and which had been hitherto maintained by the Presidency divisional officer.

2. I beg you will be good enough to issue such instructions as you deem necessary.

From J. A. JONES, Esq., Acting President, Municipal Commission, to the Executive Engineer, Buckingham Canal, dated Madras, 6th August 1886, No. 318-P.W.

With reference to your No. 1411, of 1st August 1886, I have the honor to inform you that I think you are in error in supposing that the G.O., Financial, No. 410 M., of May 1886, referred in any way to the Buckingham Canal bridges.

This is not so, as will appear from the very Government Order referred to, from which you will see that the grant allotted to the municipality was based on the amount expended by the Executive Engineer, Presidency.

The Executive Engineer has now forwarded to me the list of the bridges hitherto maintained with that grant, and in this list the Junction Canal bridges have no place.

I regret, therefore, I am unable to accept charge of the bridges in question.

No. 1653.

Submitted to the Superintending Engineer, II Circle, with reference to his order, No. 125 B-C., dated 7th July 1886.

(Signed) F. J. WILSON,
Executive Engineer, B. C. Division.

Memorandum from Colonel J. O. HASTED, R. E., Chief Engineer, Public Works Department, to the Superintending Engineer, II Circle, dated 28th September 1886, No. 3340-C.

With advertence to letter from the Superintending Engineer, II Circle, No. 187 B-C., dated 27th August 1886, the undersigned has the honor to state that the Government desire to transfer to the Madras Municipality all the bridges over the Buckingham Canal between the Adyar and the Cooum, except those within the Chepak Park. Before taking further action, however, the Superintending Engineer is requested to submit a list of such bridges, and a statement showing the average annual cost of their maintenance for the past five years.

From the Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Nellore, 6th December 1886, No. 284 B-C.

With reference to your memorandum, No. 3340 C., of the 28th September 1886, I have the honor to forward herewith a statement showing the average annual cost for maintaining the bridges over the Buckingham Canal between the Adyar and Cooum.

STATEMENT showing the average annual cost of maintaining bridges over the Buckingham Canal between the Adyar and Cooum rivers.

Names of bridges.	Repairing floor with teakwood and mangowood planks in patches during 1879-80.	Repairing roadways with metal and gravel in 1879-80.	New plank-ing, asphalt-ing and metalling roadways in 1880-81.	Plastering the bridges with cement, &c., in 1886-87.	Total expenditure up to date.	Total average annual expenditure for the past eight years.	Total average annual expenditure for the past five years.
Chepak bridge	RS. 64	RS. 64	RS. 771	RS. 528	RS. 1,867	RS. 233	RS. 291
Pycroft's road bridge ..	64	34	..	347	381	48	69
Soonkarama street bridge ..	..	38	..	383	421	53	77
Elliot road bridge ..	..	..	..	392	392	49	78
Barber's bridge ..	..	..	..	1,107	1,107	138	221
Moondacunny Civil bridge.	98	..	766	..	864	108	..
Cutcherry road bridge ..	..	..	..	454	454	57	91
Brodie's road bridge ..	..	..	..	397	397	50	79
Poonthottam aqueduct.	153	..	1,317	..	1,470	184	..
Ellapatha Mada Civil bridge.	43	..	734	237	1,014	127	48
Soolay Cathoy Syphon bridge.	3	..	320	(in 1885)	323	40	..
Greenway's bridge ..	..	114	..	720	834	104	144
Total ..	361	186	3,908	4,037	8,492	1,062	807

22nd November 1886.

(Signed) F. J. WILSON,
Executive Engineer, B. C. Division.

No. 4578-C.

Endorsement on the above.

The foregoing papers are forwarded to the Financial Department for consideration, with reference to Proceedings in that department, No. 410M., dated 1st May 1886, and Mis. No. 740 M., dated 2nd August 1886.

2. In the list of bridges transferred to the municipality, submitted by the Superintending Engineer, V Circle, the bridges over the Buckingham Canal have been included; but it will be seen from the papers forwarded by the Superintending Engineer, II Circle, that the municipality have declined to accept the transfer of such bridges.

3. If the two bridges * over the Buckingham Canal within the Chepak Park are left in charge of the Public Works Department, their maintenance might be entrusted to the Consulting Architect; but all the other bridges over the canal within municipal limits should be transferred to the municipality. As, however, the average annual expenditure on which the grant-in-aid promised in G.O., dated 1st May 1886, Mis. No. 410, Financial, was based, did not include expenditure on the canal bridges, an additional grant, based on the average expenditure on the latter bridges, should apparently be given to the municipality.

* The Grant Duff bridge.
The Revenue Board bridge.

4. The special attention of the municipality might be drawn to the remarks of the Superintending Engineer, V Circle, relative to the repairs needed to many of the bridges.

5. It is suggested that all the papers now forwarded be printed for future reference.

(By order.)

MADRAS,
22nd December 1886.

(Signed) J. O. HASTED, Colonel, R.E.,
Secy. to Govt., P.W. Dept.

To the Financial (M) Department, with original papers.

ORDER—dated 28th January 1887, No. 71 M. Local and Municipal.

All the bridges over the Buckingham Canal within municipal limits, excepting the two in the Chepak Park, will accordingly be transferred to the Municipal Commissioners with effect from the 1st April next, and an annual grant of Rs. 1,062 will be made by Government for their repair, in addition to the sum of Rs. 3,381 sanctioned in G.O., dated 1st May 1886, No. 410-M.

2. The attention of the President is drawn to the remarks of the Superintending Engineer regarding the repairs required to the bridges.

(True Extract.)

[Signature]
for Ag. Chief Secretary.

To the President, Municipal Commission, Madras.
" Public Works Department.
" Accountant-General.
" Financial Department.

Exd. A. Raitt.

1780 C 22256. 1780 P. 100.
 316 C 1206. 1785 M. 1406.
 2016 C 15056. 529 E. 5885.
 340 C 28956. 124 E. 10505.
 107 C 18105. 2690. 5-1076.
 1208 C 21500. 8902. 5-775 x a.
 462 C 3206.
 135 C 10106.

Govt. of (1887) Madras.
 LOCAL AND MUNICIPAL.

10

Communicated to
 officers concerned for
 information & guidance

2. The Grant Duff

& Rev. Board Bridges

will be maintained

by the Cong. Archt. to

Govt.

14.2.57
 14.2.57

22/2/57
 22/2/57

Issued

Recd. 12.2.87

Encl.

G.O., 28th January 1887, No. 71 M.

JANUARY.

Bridges.

Transferring to the Municipal Commissioners,
 Madras, with effect from 1st April next, all the—
 over the Buckingham Canal within municipal
 limits with the exception of the two in the Chepak
 Park, and sanctioning an annual grant for their
 repair.

S.E. II circle

S.E. II circle

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C. A. to Govt.

Ch. Engr. for Govt.

Exr. P. D. B. S.

Exr. P. D. B. S.

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2. The bridges, &c., which are in need of repair are marked with an asterisk. It will be seen from the return that the road culverts have been entered as seven bridges. It is believed that they were originally built by Government; they have, however, not been repaired hitherto by the Madras Municipality. All these also more or less need repairs.

ENCLOSURE.

List of Public Bridges at Madras.

Number.		Names.	Locality.	Date of construction.	Remarks.
Serial.	Group.				
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7	7	Harris' bridge	At Komaleswaren Covil		
8	8	Commander-in-Chief's bridge ..	At Nungumbaukum on the road leading to do. from Neil's statue.		

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The foregoing papers are forwarded to the Financial Department for consideration, with reference to Proceedings in that department, No. 410M., dated 1st May 1886, and Mis. No. 740 M., dated 2nd August 1886.

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3. If the two bridges* over the Buckingham Canal within the Chepak Park are left in charge of the Public Works Department, their maintenance might be entrusted to the Consulting Architect; but all the other bridges over the canal within municipal limits should be transferred to the municipality. As, however, the average annual expenditure on which the grant-in-aid promised in G.O., dated 1st May 1886, Mis. No. 410, Financial, was based, did not include expenditure on the canal bridges, an additional grant, based on the average expenditure on the latter bridges, should apparently be given to the municipality.

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2. The attention of the President is drawn to the remarks of the Superintending Engineer regarding the repairs required to the bridges.

(True Extract.)

H. E. STOKES,
Ag. Chief Secretary.

To the President, Municipal Commission, Madras.
,, Public Works Department.
,, Accountant-General.
,, Financial Department.

Exd. A. Raitt.

+1062
+3381
4,443

B N° 557 W 24.2.87

Sob. of {1887} Madras.
LOCAL AND MUNICIPAL.

Communicated to
officers concerned for
information & guidance
2. The Grant Duff and
Riv Board Bridges
will be maintained by
the Consq Archt to Govt.

(D) J.O.H

W

Issued

Recd.

Encl.

G.O., 28th January 1887, No. 71 M.

B 557 W. of 24.2.87

JANUARY.

Bridges.

Transferring to the Municipal Commissioners,
Madras, with effect from 1st April next, all the—
over the Buckingham Canal within municipal
limits with the exception of the two in the Chepák
Park, and sanctioning an annual grant for their
repair.

SE II circle
"V"
C.A to Govt
CE for Insps
EX. I to Accounts

For C. No. 4335

MEMORANDUM.

Communications Recd.

Requested for reference the undermentioned papers:—

Four spare copies of G.O. No. 8071 M.
(Local & Municipal) dated 28th January
1887 relating to the transfer to the Madras
Municipality of the Bridges over the
Buckingham Canal &c.

W. B. B. B.

P. W. SECRETARIAT,

Chepák, 9th May 1890

To

The

Local & Municipal Dept.

Copy R.C.
Major R.C.
Under Secy: to Govt.

S.D.

28TH JANUARY 1887, No. 71 M., LOCAL AND MUNICIPAL.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 30th September 1886, No. 3263.

With reference to paragraph 2 of G.O., No. 1286 W., dated 21st May 1886, I have the honor to forward a list of the bridges in Madras made over to the municipality.

2. The bridges, &c., which are in need of repair are marked with an asterisk. It will be seen from the return that the road culverts have been entered as seven bridges. It is believed that they were originally built by Government; they have, however, not been repaired hitherto by the Madras Municipality. All these also more or less need repairs.

ENCLOSURE.

List of Public Bridges at Madras.

Number.		Names.	Locality.	Date of construction.	Remarks.
Serial.	Group.				
No. I.—Cooum River.					
1	1	Napier bridge	At the bar.	1805.	
2	2	Government House or St. George's bridge.	At the Government House		
3	3	Wallajah bridge	In front of Wallajah Fort Gate ..	Erected in 1755 on piers which had been laid in 1740. Widened and improved in 1820.	
4	4	St. Mary's bridge	In front of Penitentiary.	1817 ..	This bridge requires repairs.
5	5	Law's bridge	In rear of do.		
6	6	St. Andrew's bridge*	At the west of Chintadripett near Women and Children's Hospital.		
7	7	Harris' bridge	At Komaleswaren Covil	1854-55.	
8	8	Commander-in-Chief's bridge ..	At Nungumbaukum on the road leading to do. from Neil's statue.	1825.	

Furnished.

W. H. Burton

10/5/90
For St. George's } Cap: R.E.
10th May 1890. } Under Secy: As
For Chief Secy: } Govt. P.W. Dept.

10 MAY. 90

List of Public Bridges at Madras—contd.

Number.		Names.	Locality.	Date of construction.	Remarks.
Serial.	Group.				
		No. I.—Cooum River—cont.			
9	9	Anderson's bridge	At the Old College Hall, Nungumbaukam.	1829.	
10	10	Munro's bridge*	At the Karicatha Covil	1824.	
		No. II.—Buckingham Canal.			
11	1	Toll-gate or Manitty's bridge ..	To the north of basin.		
12	2	Basin bridge.	At the basin.		
13	3	Elephant-gate bridge	Near Salt Cottar.		
14	4	Hospital bridge	At the General Hospital.		
15	5	Grant Duff's bridge	At the Marine Villa.	1884.	
16	6	Revenue Board bridge	At the Revenue Board office.		
17	7	Chepauk bridge	At the Presidency College.		
18	8	Karian Kuppam new wooden bridge.	At the south of Chepauk compound.		
19	9	Burial-ground wooden bridge ..	At Triplicane.		
20	10	Ice-house road bridge	To the north-west of Ice-house.		
21	11	Elliott's do.	In rear of Mofussil Police office.		
22	12	Barber's bridge	At the Mylapore Ayathoray or vegetable market.		
23	13	Oliver's road wooden bridge ..	Near Mylapore, Kosapettah.		
24	14	Luz Church road bridge	Near Mr. Justice Muthusawmy Iyer's bungalow at Mylapore.		
25	15	Brodie's road bridge	Near Rajah Sir T. Madava Row's bungalow at Mylapore.		
26	16	Yelapatha Mada Covil road (wooden) bridge.	To the west of Mylapore Post Office.		
27	17	Greenway's road bridge	Near Honorable Carmichael's bungalow at Mylapore.		
		No. III.—Adyar River.			
28	1	Brodie's bridge*	Near Brodie's Castle, Adyar.		
29	2	Elphinstone bridge*	On the main stream of Adyar ..	1840-1842.	
30	3	Quibble Island bridge	At the Quibble Island, Adyar.		
		No. IV.—Ootary Nullah.			
31	1	Nellore high road bridge	To the east of Powder Mills.		
32	2	Gantz road bridge	To the west of do.		
33	3	Stephen's road causeway*	To the north of Perambore Cotton Mills.		
34	4	Farren's road bridge*	To the south of Perambore Cotton Mills.		
35	5	Strahan's bridge*	At its junction with Coonoor road at Oopparapoliem.		
36	6	Kelly's road bridge	Near Magdalen Asylum at Madavakum.		
		No. V.—Drainage Stream at Nungumbaukum.			
37	1	Nungumbaukum high road bridge*	Near Nungumbaukum Parcherry.		
38	2	Haddow's road bridge*	Near Haddow's garden at Nungumbaukum.		
39	3	Raeme's road bridge*	Near Mackey's Parcherry.		
40	4	Dallow's road bridge*	Do. do.		
		No. VI.—Drainage Streams at Pursewaukum.			
41	1	Vencatasabuthan road bridge* ..	On road leading from Vencatasabuthan street to Moocoo Chetty street.		
42	2	Vodavenoyager road bridge* ..	South of Sepoy lines, Perambore.		
43	3	Ankalammen Covil street bridge*.	East of Perambore sepoy lines.		
44	4	DeMellow's road bridge*	At Veerannam Thottam.		
45	5	Powder Mill's road bridge*	South of Powder Mills.		
		No. VII.—South Beach Drainage at Triplicane, &c.			
46	1	Capper House bridge	Recently converted by a culvert and embankment.		
47	2	Saint Thomé bridge	Do. do. do.		
		No. VIII.—Veyasarpady Drainage.			
48	1	Veyasarpady bridge*	On the road leading to the Reserve Powder Magazine.		
49 to 55		Large and small culverts equal, say, to seven bridges*.			

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepāk, 13th October 1886, No. 3555.

In reference to G.O., No. 2071 W., dated 18th August 1886, and to the two sums of Rs. 3,381 and Rs. 2,029 mentioned in G.O., No. 885 W., dated 1st April 1886, I have the honor to explain that the former represents principally the average cost of repairing and cement-plastering the bridges during the last ten years; but the Municipality appear, from their letter, No. 267, dated 16th July 1886, to think that no such extraordinary cement-plastering is to be executed by them. I would point out that if this idea is acted upon, the state of many bridges and culverts will remain as now an eye-sore to the principal roads in the place. The list accompanying my report, No. 3263, dated 30th September 1886, shows those which are now especially in need of cement-plastering; unless such repair is executed in the next few years, several of these works will probably have to be rebuilt.

From Major S. CLARKE, R.E., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Madras, 27th August 1886, No. 187-B.C.

With reference to G.O., No. 1286 W., of 21st May 1886, I have the honor to inform you that I instructed the Executive Engineer, Buckingham Canal Division, to hand over to the Madras Municipality all the bridges along the Buckingham canal (old Junction Canal), excepting the first bridge within the Government House Park. I presume that I was authorized to do so under the ruling of the Government Order.

* No. 318 P.W., dated 6th August 1886. However, the President in his letter,* which is submitted for perusal, has objected to take charge of the said canal

bridges, as he is of opinion that the Government Order referred only to the main bridges which were severally named, and which had been hitherto maintained by the Presidency divisional officer.

2. I beg you will be good enough to issue such instructions as you deem necessary.

From J. A. JONES, Esq., Acting President, Municipal Commission, to the Executive Engineer, Buckingham Canal, dated Madras, 6th August 1886, No. 318-P.W.

With reference to your No. 1411, of 1st August 1886, I have the honor to inform you that I think you are in error in supposing that the G.O., Financial, No. 410 M., of 1st May 1886, referred in any way to the Buckingham Canal bridges.

This is not so, as will appear from the very Government Order referred to, from which you will see that the grant allotted to the municipality was based on the amount expended by the Executive Engineer, Presidency.

The Executive Engineer has now forwarded to me the list of the bridges hitherto maintained with that grant, and in this list the Junction Canal bridges have no place.

I regret, therefore, I am unable to accept charge of the bridges in question.

No. 1653.

Submitted to the Superintending Engineer, II Circle, with reference to his order, No. 125 B-C., dated 7th July 1886.

(Signed) F. J. WILSON,
Executive Engineer, B. C. Division.

Memorandum from Colonel J. O. HASTED, R. E., Chief Engineer, Public Works Department, to the Superintending Engineer, II Circle, dated 28th September 1886, No. 3340-C.

With advertence to letter from the Superintending Engineer, II Circle, No. 187 B-C., dated 27th August 1886, the undersigned has the honor to state that the Government desire to transfer to the Madras Municipality all the bridges over the Buckingham Canal between the Adyar and the Cooum, except those within the Chepak Park. Before taking further action, however, the Superintending Engineer is requested to submit a list of such bridges, and a statement showing the average annual cost of their maintenance for the past five years.

From the Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Nellore, 6th December 1886, No. 284 B-C.

With reference to your memorandum, No. 3340 C., of the 28th September 1886, I have the honor to forward herewith a statement showing the average annual cost for maintaining the bridges over the Buckingham Canal between the Adyar and Cooum.

STATEMENT showing the average annual cost of maintaining bridges over the Buckingham Canal between the Adyar and Cooum rivers.

Names of bridges.	Repairing floor with teakwood and mangowood planks in patches during 1879-80.	Repairing roadways with metal and gravel in 1879-80.	New plank-ing, asphalt-ing and metalling roadways in 1880-81.	Plastering the bridges with cement, &c., in 1886-87.	Total expenditure up to date.	Total average annual expenditure for the past eight years.	Total average annual expenditure for the past five years.
Chepak bridge	RS. ..	RS. 64	RS. ..	RS. 528	RS. ..	RS. within the Chepak park.	RS. ..
Pycroft's road bridge ..	..	34	..	347	381	48	69
Soonkarama street bridge	64	..	771	..	835	104	..
Ice House road bridge ..	..	38	..	383	421	53	77
Elliot road bridge ..	..	..	..	392	392	49	78
Barber's bridge ..	..	..	..	1,107	1,107	138	221
Moondacunny C o v i l bridge.	98	..	766	..	864	108	..
Cutcherry road bridge ..	..	..	..	454	454	57	91
Brodie's road bridge ..	..	..	..	397	397	50	79
Poonthottam aqueduct.	153	..	1,317	..	1,470	184	..
Ellapatha Mada Covil bridge.	43	..	734	237 (in 1885)	1,014	127	48
Soolay Cathoy Syphon bridge.	3	..	320	..	323	40	..
Greenway's bridge ..	..	114	..	720	834	104	144
Total ..	361	186	3,908	4,037	8,492	1,062	807

22nd November 1886.

(Signed) F. J. WILSON,
Executive Engineer, B. C. Division.

No. 4578-C.

Endorsement on the above.

The foregoing papers are forwarded to the Financial Department for consideration, with reference to Proceedings in that department, No. 410M., dated 1st May 1886, and Mis. No. 740 M., dated 2nd August 1886.

2. In the list of bridges transferred to the municipality, submitted by the Superintending Engineer, V Circle, the bridges over the Buckingham Canal have been included; but it will be seen from the papers forwarded by the Superintending Engineer, II Circle, that the municipality have declined to accept the transfer of such bridges.

3. If the two bridges * over the Buckingham Canal within the Chepak Park are left in charge of the Public Works Department, their maintenance might be entrusted to the Consulting Architect; but all the other bridges over the canal within municipal limits should be transferred to the municipality. As, however, the average annual expenditure on which the grant-in-aid promised in G.O., dated 1st May 1886, Mis. No. 410, Financial, was based, did not include expenditure on the canal bridges, an additional grant, based on the average expenditure on the latter bridges, should apparently be given to the municipality.

4. The special attention of the municipality might be drawn to the remarks of the Superintending Engineer, V Circle, relative to the repairs needed to many of the bridges.

5. It is suggested that all the papers now forwarded be printed for future reference.

(By order.)

MADRAS,
22nd December 1886.

(Signed) J. O. HASTED, Colonel, R.E.,
Secy. to Govt., P.W. Dept.

To the Financial (M) Department, with original papers.

ORDER—dated 28th January 1887, No. 71 M., Local and Municipal.

All the bridges over the Buckingham Canal within municipal limits, excepting the two in the Chepak Park, will accordingly be transferred to the Municipal Commissioners with effect from the 1st April next, and an annual grant of Rs. 1,062 will be made by Government for their repair, in addition to the sum of Rs. 3,381 sanctioned in G.O., dated 1st May 1886, No. 410-M.

2. The attention of the President is drawn to the remarks of the Superintending Engineer regarding the repairs required to the bridges.

(True Extract.)

H. E. STOKES.
Ag. Chief Secretary.

To the President, Municipal Commission, Madras.
,, Public Works Department.
,, Accountant-General.
,, Financial Department.

Exd. A. Raitt.

Govt. of {1887} Madras.

LOCAL AND MUNICIPAL.

Issued

Recd.

Encl.

G.O., 28th January 1887, No. 71 M.

Bt. 557 w 24 287

JANUARY.

Bridges.

Transferring to the Municipal Commissioners, Madras, with effect from 1st April next, all the—
over the Buckingham Canal within municipal limits with the exception of the two in the Chepak Park, and sanctioning an annual grant for their repair.

TELEPHONIC MESSAGE.

Date, 2 February 1906.

17 Hours 20 Minutes.

From

R. K. W.

To

S. G. R.

Please note that G.O. No 557 w d/24. 2.87
has been ~~received~~ removed from C. No 2956 of 1899
Spent up with P. O. C. No 837 of 06

CH

Ref.

Phon. No.

42/10