(1) பக்கங்களின் எண்ணிக்கை 18

(2) புதுக்கித் திருப்பிய நாள் 11.10.87

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

அரசாணை எண். / மு. கோப்புத் தாள் எண்.	1911A-11 W
நாள் :	15-7-1890

அச்சகம் பலவகை

198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

கா-1—18,006—15-6-87.

1911

APPENDIX.

Appendix to Proceedings

MADRAS PRESIDENCY—

MEMORANDUM OF CONSTRUCTION AND COST OF BRIDGES EXCEEDING 50 FEET IN LENGTH

Executive Division.	Name of bridge, or of river or nullah, and situation.	Date of completion.	Description of bridge.	Kind and depth of foundation.
				IV
				MALABAR
West Coast.	Engapoya at 24th mile of Calicut-Vayitri road.	1888 ...	Wrought iron girder bridge. (India office on indent.)	Brick in Surki mortar 7 feet over concrete in cement 2 feet.
	Kadangampoya at 27th mile 4th furlong of Calicut-Vayitri road.	1888 ...	Do. do. ...	Laterite in Surki mortar 5½ feet over concrete in Portland cement 2½ feet.
				VI
				MADURA
Madura.	Vaigai bridge * at Madura.	Incomplete ...	Rubble masonry with brick arches, piers and parapets of cut stone foot-path 3 feet wide on one side.	Eight feet masonry on 3 feet concrete resting on hard kunker and gravel.
	Kuruvanuthu bridge across the Vyravan river in Mela Gudalore limits.	Not completed.	Bridge of 3 arches ...	Concrete greatest depth 3¾ feet, least 1 foot, rough stone in chunam, foundation 5 feet.
				ARCHITECT
Architect.	Grant-Duff bridge over Buckingham canal at Chepâk.	September 1885.	Brick in chunam partly faced with stone, parapets of perforated stone.	Brick in chunam over a bed of concrete 8 feet.

* Includes 24½ per cent. on work for Public Works Department Establishment and Tools and Plant.

No. 1688 *W., dated* 18*th June* 1890.

PUBLIC WORKS DEPARTMENT.

CONSTRUCTED SUBSEQUENT TO THE ISSUE OF G.O., No. 4 W., DATED 3RD JANUARY 1879.

Number and size of spans.	Width of roadway between parapets or railings.	Height of roadway above foundations or river bed.	Total length of bridge.	Total cost	Cost per 100 feet of length.	Remarks.
CIRCLE.						
DISTRICT.	FEET.	FEET.	R. FEET.	RS. A. P.	RS. A. P.	
Two of 40 feet span.	13	16	138 or 85 feet between abutments.	28,698 0 0	20,795 0 0	
Two of 50 feet span.	13	18	177 or 105 feet between abutments.	27,187 0 0	15,360 0 0	
CIRCLE.						
DISTRICT.						
Fifteen arches 60 feet span.	27	29¾ feet above bed level.	1,142	*3,33,613 0 0	29,213 0 0	Nearly complete. Estimate will be worked up to approximately 4 approaches 1,500 feet long.
Three arches of 40 feet span each.	18	22¼	147	32,895 0 0	22,378 0 0	
DIVISION.						
One arch of 30 feet span, two of 6 feet span for tow-paths.	31	20	118	43,816 3 9	37,132 6 5	

MADRAS PRESIDENCY—

COMPARATIVE COST OF CERTAIN SELECTED BUILDINGS CONSTRUCTED SUBSEQUENT

ABBREVIATIONS.—B B C.—Denotes brick in chunam. B B M.—Burnt brick in mud. B B M.P.—Burnt brick in mud dome roof A.—Asphalte.

Division.	Locality.	Name of Building.	Description and Height					
			Single or double storied.	Foundation		Plinth.		
I								
Godavari Eastern division.	Rajahmundry ..	Civil Court	Single ..	Rough stone in chunam	FT 5	IN 0	Rough stone in chunam	FT. IN. 2 0
	Cocanada ..	Additional buildings to Collector's cutcherry.	Double ..	Do. ..	5	0	Do. ..	2 0
	Dowlaishweram.	Signaller's quarters ..	Single ..	Concrete in chunam.	5	0	Do. ..	3 0
		Superintending Engineer's quarters.	Double ..	Concrete in chunam and stone in chunam.	5	9	Do. ..	4 0
		Cook-house to do. ..	Single ..	Do ..	3	0	Do .	1 0
		Horse-stables to do. ..	Do. ..	Do. ..	3	6	..	..
		Godowns to do. ..	Do. ..	Do. ..	3	6	Do. ..	1 0
Godavari Western division.	Tanuku ..	Taluk cutcherry ..	Single and 776 sq. feet double.	4 feet to 5 feet, 3 feet rough stone in chunam and 1 foot concrete under single 2 feet under double.	..		Do. ..	2 3
	Bhimavaram ..	Do. ..	Do. ..	Do. ..	..		Do. ..	2 3
II								
Eastern, Kistna.	Bezváda ..	New Workshop buildings.	Single ..	R.M. ..	5 feet 6 inches × 9 feet 9 inches including 6 inches O		..	..
III								
Bellary.	Harpanahalli ..	Taluk cutcherry ..	Single with centre portion double storied.	Burnt stone in chunam.	3	0	Hammer-dressed stone in chunam.	2 0
	Adóni ..	Do. ..	Do. ..	Do. ..	7	0	Do. ..	2 0
	Anantapur ..	Collector's cutcherry ..	Double storied.	Burnt stone in chunam and concrete	6	0	Do. ..	2 6

3/1911

PUBLIC WORKS DEPARTMENT.

TO THE ISSUE OF G.O., No. 4 W., DATED 3RD JANUARY 1879.

plastered in chunam C.—Concrete. G S M.—Granite stone masonry. R M.—Rubble masonry. D.S M.—Dressed Slope terrace. N.S.—Napa stone floor. R.S M P.—Rough stone in mud, plastered in chunam Cr D.—Circular.

of Walls, &c.				Cost.			Area in square feet.	Rate per superficial foot.	
Walls (to top of Wall Plate)		Roof.	Floor.						
CIRCLE.									
District.									
Rough stone in chunam with dressed faces out-side 15 and 18 feet	..	Tiled ..	Cut stone ..	RS 41,938	A 0	P 0	13,384	RS 3	A P. 2 0
Rough stone in chunam lower story 15 feet 3 inches upper story 12 feet 6 inches	12 6	Do. ..	Portland cement.	36,861	0	0	11,770	3	2 1
Do	14 6	Do ..	8-inch square bricks	39,348	0	0	8,376	4	8 2
Rough stone in chunam lower story 17 feet 3 inches, upper story 15 feet 3 inches	15 3	Terraced ..	8-inch square bricks and Portland cement.	17,408	0	0	5,610		
Do	10 0	Tiled ..	Concrete in chunam.	660	0	0	503	2	1 6
Do.	17 6	Do ..	Do. ..	1,650	0	0	1,861		
Do	9 0	Do ..	Do. ..	1,940	0	0	2,290		
				21,658	0	0	10,324		
Rough stone in chunam	12 0	Terraced and tiled	Slate stone, Portland cement and asphalte.	23,347	0	0	7,555	3	1 6
Do ..	12 0	Do. ..	Do. ..	24,615	0	0	7,880	3	2 0
CIRCLE.									
District.									
R M. ..	15 feet 6 inches to 15 feet.	S T. ..	Partly D.S M and partly C	31,611	0	0	10,330	3	0 10
CIRCLE.									
District.									
Hammer-dressed stone in chunam	Lower story 16, 18 and 20 feet, upper story 12 feet	Flat terrace and Bengal terrace	Slabs and concrete	29,452	0	0	8,150	3	9 9
Do.	Do ..	Do. ..	Granite stone and concrete.	33,129	0	0	8,150	4	1 0
Do. ..	Lower story 15 feet 9 inches, upper story 18½ and 22 feet	Do. ..	Cuddapah slab and granite.	64,500	0	0	10,603	6	1 4

COMPARATIVE COST OF CERTAIN

Division	Locality.	Name of Building.	Description and Height							
			Single or double storied	Foundation.		Plinth.				
III										
CUDDAPAH										
Cuddapah	Pulivendla ..	New taluk cutcherry and out-houses	Part single, part double	Stone in chunam	Ft	In	Stone in chunam.	Ft	In	
	Kadiri ..	Do do. ..	Do ..	Do. ..	3	6	Do ..	2	0	
	Vayalpad ..	Do. do. ..	Do ..	Do. ..	1	4½	Do ..	2	0	
	Cuddapah ..	New Collector's office ..	Double ..	Do. ..	6	0	Do ..	4	0	
KURNOOL										
Karnool	Kistnapuram	Covered wharf	Single ..	Pucka ..	6	0				
	Nandyal ..	Taluk cutcherry ..	Do. ..	Do ..	4	6	Pucka ..	2	0	
IV										
SALEM										
Coimbatore.	Dharmapuri ..	New taluk cutcherry ..	Single ..	Brick in chunam	3	6	Brick in chunam	3	9	
	Matigiri ..	Sick lines stables ..	Do. ..	Burnt stone in chunam.	4	6	Burnt stone in chunam	1	0	
NILGIRI										
Nilgiri.	Ootacamund ..	Government House main building.	Double ..	Brick in chunam and concrete	8	0	Brick in chunam.	3	0	
		Government offices, Stone-house.	Do ..	Concrete and rubble in mortar	3	0	Do. ..	3	0	
		New Brooke's Memorial school.	Partly single and partly double	Brick in chunam and concrete	4	6	Do. ..	average 8	0	
		Post and Telegraph office including out-houses	(Main building) double (out-houses) single.	Concrete and brick in chunam	5	0	Do. ..	2	6	
	Wellington ..	St. George's Church ..	Single ..	Brick in chunam	4	0	Do ..	2	0	
		Roman Catholic Church	Do. ..	Brick and concrete.	3	6	Do. ..	3	0	
		Government Bakery ..	Single and partly double.	Brick in chunam and concrete.	2	6	Do. ..	1	6	
MALABAR										
West Coast	Ponani ..	Public offices ..	Double ..	Brick in chunam and concrete at bottom 2 feet.	7	0	Brick in chunam	3	0	
	Malapuram ..	Malapuram barracks Nos I and II blocks.	Single ..	Laterite in chunam over concrete 1½ feet	average 4	6	Laterite in chunam.	2	0	
		Do No. III block ..	Do. ..	Laterite in chunam	3	0	Do. ..	3	3	

SELECTED BUILDINGS—*cont.*

of Walls, &c.										
Walls (to top of Wall Plate).			Roof		Floor		Cost		Area in square feet.	Rate per superficial foot
CIRCLE—*cont.*										
DISTRICT.										
Stone in chunam	Ft.	In.	Terraced and tiled		Slabs ..	Rs	A.	P.		Rs. A. P.
	11	6				23,443	0	0	13,693	1 11 5
Do. ..	11	6	Do. ..		Do ..	37,306	0	0	13,537	2 12 1
Do ..	12	0	Do ..		Do. ..	24,286	0	0	10 931	2 3 7
Do ..	First story 17½ feet, 2nd story 18 feet		Terraced ..		Do ..	1,27,946	0	0	17,784	7 4 0
DISTRICT.										
Pucka ..	20	9	Mud or sondoo.		Concrete ..	23,120	0	0	10,986	2 1 8
Do. ..	18	6	Tiled ..		Slabs ..	35,278	0	0	7,480	4 11 5
CIRCLE.										
DISTRICT.										
Brick in chunam	11	8	Tiled ..		Square bricks.	22,919	0	0	7,628	3 0 0
Burnt stone in chunam.	12	0	Do.		Mud and square tiles	20,000	0	0	19 146	1 0 8
DISTRICT.										
Brick in chunam	29	6	Terrace and teak-wood ceiling and corrugated iron.		Boarded and tiled.	5,00,000	0	0	16,625	30 1 2
Do ..	20	8	Ceiling, planks, corrugated iron and Nilgiri tiles		Terraced and boarded.	83,300	0	0	4,412	18 14 1
Do. ..	19	0	Corrugated iron and Nilgiri tiles		Do ..	49,030	0	0	3,062	16 0 2
Do. ..	35	0	Single ..		Boarded and tiled	56,676	0	0	11,570	4 13 0
Do. ..	24	0	Cedar ceiling coir felt and corrugated iron		Tiled ..	43,077	0	0	5,963	8 2 7
Do. ..	26	0	Teak ceiling coir felt and corrugated iron.		Do ..	26,123	0	0	4,564	5 11 7
Do. ..	20	0	Corrugated iron and Mangalore tiles		Concrete and flag stone.	35,785	0	0	9,201	3 14 3
DISTRICT.										
Laterite in chunam	14	0	Pressed tiles over ¾-inch planks		Record-room ¾ in asphalte over 6 in. concrete and other rooms 6 in. concrete and smoothed.	70,068	0	0	11,733	5 15 6
Do ..	20	0	Do. ..		Asphalte ¾ in. thick over 6 in. concrete in mortar	66,304	0	0	27,918	2 6 0
Do. ..	20	0	Do. ..		Asphalte ¾ in. thick over 4 in. brick concrete in mortar	32,270	0	0	13,959	2 5 0

COMPARATIVE COST OF CERTAIN

Division.	Locality.	Name of Building.	Description and Height: Single or double storied	Foundation.	Plinth.
CHINGLEPUT					
Chinglput.	Mount ..	Six blocks of Royal Artillery stables	Single ..	Pucka ..	Ft. In. 2 0
		Nos I and II, East barracks	Do. ..	Do. ..	4 0
		Three cook-houses	Do. ..	Do. ..	3 0
		Store-room ..	Do ..	Do. ..	3 0
		Three wash-houses ..	Do. ..	Do. ..	4 0
		Collar-makers and Wheelers' shop	Do. ..	Do. ..	4 0
		Recreation Room, Coffee shop and Library.	Do. ..	Do. ..	5 0
		Plunge-bath	Do. ..	Do. ..	5 0
		Latrine	Do. ..	Do. ..	2 0
NORTH ARCOT					
North Arcot	Wálajápet ..	Taluk cutcherry ..	Single ..	Concrete ..	2 3
	Vellore ..	Superintendent's quarters of the Central Jail.	Double ..	Brick in mortar ..	2 6
				Concrete ..	2 0
				Stone masonry ..	2 6
		Out-houses			
		Kitchen	Single ..	Concrete ..	1 6
				Stone masonry ..	1 6
		Servants' quarters ..	Do. ..	Concrete ..	1 6
				Stone masonry ..	1 6
		Stables	Do. ..	Concrete ..	1 6
				Stone masonry ..	1 6
		Cellular blocks for close prison.	Do. ..	Concrete ..	1 0
				Stone masonry ..	2 0
		Guard-room	Do. ..	Concrete ..	1 0
				Stone masonry ..	2 0
		Store-room	Do. ..	Concrete ..	1 0
				Stone masonry ..	2 0
		Bath	Do. ..	Concrete ..	1 6
		Cistern	Do. ..	Concrete ..	1 6
	Chittoor ..	High school	Do. ..	Concrete ..	1 6
				Brick in mortar ..	2 0
TANJORE					
Tanjore.	Tanjore ..	District Jail including convict ward, solitary cells, hospital and other buildings.	Except entrance gate and office all the rest are single storied.	Brick in chunam over concrete.	Varies from 1 foot 9 inches to 3 feet 6 inches.
	Kumbakónam ..	Combined Munsif's Court with out-house.	Double and single.	Do. ..	Varies from 4 to 5 feet.
TRICHINOPOLY					
Trichinopoly.	Perambalúr ..	Taluk cutcherry with out-houses	Double and single.	Brick in chunam over concrete	4 0

Description and Height: Pucka	Ft. In.
Pucka ..	3 0
Do. ..	1 0
Do. ..	1 6
Do. ..	1 0
Do. ..	0 6
Do. ..	2 0
Do. ..	6 0
Do. ..	0 6
Burnt stone and brick in mortar.	3 0
Stone masonry.	2 9
Brick in mortar.	1 6
Do.	1 6
Do ..	1 0
Stone masonry.	2 0
Do. ..	1 0
Do. ..	2 0
Brick in mortar.	3 0
Brick in chunam	Varies from 1 to 2 feet.
Do.	Varies from 1 to 4 feet.
Brick in chunam.	2 0

* Excludes compound wall

SELECTED BUILDINGS—*cont.*

Walls (to top of Wall Plate).	Roof.	Floor.	Cost.	Area in square feet.	Rate per superficial foot.
CIRCLE—					
DISTRICT.					
Pillars, Pucka.	6½ to 14½	Tiled ..	Gravel ..	Rs. A. P. 23,511 0 0	23,004
Do. walls	14 to 20	Terraced and tiled.	Granite ..	1,37,694 0 0	28,896
Do ..	14 0	Tiled ..	Brick ..		4,596
Do. ..	12 9	Terraced ..	Do. ..		624
Do. ..	12 0	Do ..	Do. ..		1,872
Do. ..	16 0	Terraced and tiled.	Do. ..		2,225
Do. ..	12½ to 20	Do. ..	Do. ..		8,540
Do. ..	13 0	Tiled ..	Do. ..		1,545
Do. ..	8 to 14½	Do. ..	Gravel ..		656
					48,954
DISTRICT.					
Brick in mortar.	20 to 16	Terraced ..	Stone slabs ..	32,292 0 0	6,669½
Do. ..	14	Do ..	Concrete and square bricks.		
Brick in mud ..	10½	Tiled ..	Square bricks ..	31,333 0 0	10,202½
Do. ..	10	Do. ..	Mud ..		
Do. ..	12½	Do. ..	Do. ..		
Brick in mortar.	9	Arched ..	Tar mixture ..		
Do. ..	10½	Terraced ..	Do. ..	35,873 0 0	14,199
Do. ..	12	Do. ..	Do. ..		
Do. ..	12	..	Plastered with cement.		
Do. ..	8 6	Arched ..	Do. ..	44,730 0 0	17,528
Do. ..	14½	Terraced ..	8-inch square bricks.		
DISTRICT.					
Brick in chunam.	Varies from 8 to 14 feet.	Arched pan-tiled and terraced.	Brick flat asphalte and Portland cement.	1,51,428 0 0	76,116
Do. ..	Varies from 8 feet 6 inches to 14 feet 6 inches.	Terraced and pan-tiled.	Brick flat and cement concrete.	34,799 0 0	14,147
DISTRICT.					
Brick in chunam.	Varies from 8 feet 6 inches to 11 feet 6 inches.	Terraced and pan-tiled.	Cut stone and asphalte.	25,555 0 0	7,616

Rate per superficial foot.
Rs. A. P. 1 0 4
2 13 0
4 13 6
3 1 2
2 8 5
2 8 10
1 15 10
2 7 4
3 5 0

and drainage works.

COMPARATIVE COST OF CERTAIN SELECTED BUILDINGS—*cont.*

Division	Locality.	Name of Building.	DESCRIPTION AND HEIGHT OF WALLS, &c.								COST	AREA IN SQUARE FEET	RATE PER SUPERFICIAL FOOT
			Single or double storied	Foundation.		Plinth.		Walls (to top of Wall Plate)		Roof	Floor		
					FT. IN.		FT. IN		FT IN			RS A. P.		RS A. P.
Trichinopoly—*cont.*	Trichinopoly ..	*Native Infantry Buildings*												
		Bells of arms and guard-room.	Single ..	Brick in chunam over concrete	2 0	Brick in chunam.	2 0	Brick in chunam	9 10	Terraced ..	Cut stone ..	20,480 00	10,167	2 0 0
		Armourer's shop ..	Do. ..	Do. ..	2 6	Do. ..	1 6	Do. ..	15 6	Tiled ..	Do. ..			
		Combined store-room ..	Do. ..	Do. ..	2 3	Do ..	2 0	Do. ..	16 0	Do. ..	Concrete ..			
		Magazine	Do ..	Do. ..	2 0	Do ..	1 6	Do ..	12 6	Arched ..	Granite slabs over concrete			
		Cells	Do. ..	Do ..	2 0	Do ..	1 6	Do ..	12 6	Terraced ..				
Architect.	Cheṛàk	Presidency College ..	Double ..	Brick in chunam over a bed of concrete	11 0	Brick in chunam faced with stone.	4 0	Brick in chunam.	18 0	Terraced ..	Cuddapah slabs, and pressed tiles.	3,51,023 0 0	31,724	11 1 0
		College of Engineering, New Wing on south side.	Do ..	Do. ..	6 0	Brick in chunam plastered with cement.	2 0	Do. ..	16 feet 3 inches and 26 feet 6 inches.	Do ..	Cuddapah slabs, pressed tiles, and boarded.	76,067 0 0	9,117	8 5 6
		Senate House	Double ..	Do ..	Average depth. 15 0	Brick in chunam partly faced with stone	3 0	Do. ..	17 and 30 feet Great hall 50 feet	Terraced and Broomhall tiles	Board and Cuddapah slabs	2,96,059 0 0	25,792	11 7 8
		Ophthalmic hospital ..	Single and double.	Do. ..	6 6	Brick in chunam.	2 0	Do. ..	15 feet lower story, 13 feet upper story.	Terraced and pressed tiles.	Pressed tiles ..	1,21,561 0 0	21,343	5 11 1
	Pudupet ..	Lying-in hospital ..	Do. ..	Do. ..	6 0	Do. ..	3 0	Do. do. ..	Terraced and ordinary flat and span tiles.	Cuddapah slabs, pressed tiles and asphalte		1,79,554 0 0	34,208	5 4 0
	Egmore ..	Combined Post and Telegraph office.	Treble ..	Do. ..	9 0	Brick in chunam faced with stone.	2 0	10 feet 6 inches, 18 and 15 feet.	Do ..	Cuddapah slabs boarded and pressed tiles.		6,89,931 0 0	49,367	13 15 7
	Black Town ..	New Court for the Presidency Town Magistrates	Double ..	Do. ..	7 0	Brick in chunam plastered with cement.	3 0	21 and 19 feet	Terraced ..	Cuddapah slabs and pressed tiles.		49,210 0 0	8,988	5 7 7

SELECTED BUILDINGS—*cont.*

CIRCLE—*cont.*

DISTRICT—*cont.*

DESCRIPTION AND HEIGHT OF WALLS, &c.						COST	AREA IN SQUARE FEET	RATE PER SUPERFICIAL FOOT
Walls (to top of Wall Plate)		Roof		Floor				
	FT IN.					RS A. P.		RS A. P.
Brick in chunam.	9 10	Terraced ..		Cut stone ..		20,480 00	10,167	2 0 0
Do ..	15 6	Tiled ..		Do. ..				
Do. ..	16 0	Do. ..		Do. ..				
Do ..	12 6	Arched ..		Concrete ..				
Do ..	12 6	Terraced ..		Granite slabs over concrete				

DIVISION.

Brick in chunam.	18 0	Terraced ..	Cuddapah slabs, and pressed tiles.	3,51,023	0	0	31,724	11 1 0
Do. ..	16 feet 3 inches and 26 feet 6 inches.	Do ..	Cuddapah slabs, pressed tiles, and boarded.	76,067	0	0	9,117	8 5 6
Do. ..	17 and 30 feet Great hall 50 feet	Terraced and Broomhall tiles	Board and Cuddapah slabs	2,96,059	0	0	25,792	11 7 8
Do. ..	15 feet lower story, 13 feet upper story.	Terraced and pressed tiles.	Pressed tiles ..	1,21,561	0	0	21,343	5 11 1
Do ..	Do. do. ..	Terraced and ordinary flat and span tiles.	Cuddapah slabs, pressed tiles and asphalte	1,79,554	0	0	34,208	5 4 0
Do ..	10 feet 6 inches, 18 and 15 feet.	Do ..	Cuddapah slabs boarded and pressed tiles.	6,89,931	0	0	49,367	13 15 7
Do. ..	21 and 19 feet	Terraced ..	Cuddapah slabs and pressed tiles.	49,210	0	0	8,988	5 7 7

2/1910

18th June 1890, No. 1688 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From the Superintending Engineer, I Circle,	dated	14th	April	1890,	No.		22 G.L.
" " "	II	"	"	10th	"	"	12 G.L.
" " "	III	"	"	16th	Jan.	"	3069.
" " "	IV	"	"	5th	Mar.	"	91 E.W.
" " "	V	"	"	31st	"	"	8231.
" " "	V	"	"	3rd	May	"	545.
" " "	VI	"	"	13th	Jan.	"	2211 T.J.
From the Consulting Architect to Government,	dated	20th	Jan.	"			1521.
" " "		"	"	4th	June	"	633.
" " "		"	"	6th	"	"	660.
" " "		"	"	9th	"	"	695.

Order—dated 18th June 1890, No. 1688 W., Public Works.

The statements attached to these Proceedings, which have been compiled from information supplied by Superintending Engineers, will be forwarded to the Government of India with reference to its letter No. 378 M., dated 20th July 1888.

2. The statements have been prepared in the same form as those printed with Proceedings No. 4 W., dated 3rd January 1879, and describe typical buildings and bridges constructed by the Public Works Department subsequent to the issue of that Government Order. No structure costing less than Rs. 20,000 has been included.

(Here enter No. 1689 W., dated 18th June 1890.)

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Chief Engineer for Irrigation.
To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated June, 18th.

Read. *Encl.*

G.O., 18th June 1890, No. 1688 W.

JUNE.

Buildings and Bridges in the Madras Presidency

Statements of areas and cost of —, ordered to be forwarded to the Government of India.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

8/711

Madras 4th July 1890
D 7

No. 6887

From Lt Col. A.C. Smith R.E.
The Superintending Engineer,
6th Circle.

To
The Chief Engineer
P.W.D.

Sir,

ENCLOSURES.

1 Chingleput
2. North Arcot
3. Tanjore
4. Trichinopoly
5. Architect Mr

Govt No 1688 W dated 18th June 90 with statements of Buildings and Bridges in the Madras Presidency.

2. I have the honor to report that in pages 8 & 11 in the statement the districts noted in the margin are all shewn under the IV Circle Rs 102 and perhaps No 5, shewes appear under V Circle, while Rs 314 shewes come under VI Circle —

I have the honor to be
Sir.
Your most obedient Servant.

Aldmith Lt Coll
Superintending Engineer

P.W. Cols. 6 4 6 2/

R. Nos. 1688 W & 18.6.90.

From

The Supdt. Engineer
Nilgiris

To

The Chief Engineer
P.W.D.

No. 6887
Dated 4th July 1890.
Despd. 7 "
Recd. 9 "

No. 1911 - 2 W. & 15 July 1890.

Pointing out certain
errors in G.O. No. 1688 W. & 18th June 1890.

9/10/7

No. 1912 W & 15 July 1890.

PUBLIC WORKS DEPARTMENT.

9/1911.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

~~Read the following~~

Errata in appendix to
G.O. No. 1688 W. & 18 June 1890.

In Pages 8 & 9

For "IV Article-contd.," read V. Article

Insert the words "IV. Article" above
"Tanjore District."

In Pages 10 & 11

For "III. Article-contd.," read VI. Article
contd.

To
The Chief Engr. for Irrign.
" Supdg. Engr.
" Condg. Architect to Govt.
" Examnr. for accts.

D 11/7

P.W. No. 1912 W. & 15 July 1890.

Copy of the above
forwarded to the Govt. of India
P.W. Department
with reference to endorsement
No. 1689 W. & 18 June 1890.

O.B.
10.7.90.

Recd.
11.7.90