

(1) Number of pages 16
(2) Date of repair Aug 1987
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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No.	354-W	Press.
B.P. No.		Mis.
Dated	14-2-1885	198

Not to be folded or roughly handled

14th FEBRUARY 1885, No. 854 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads,
Military Works.

READ—the following letter from Colonel J. J. McLEOD INNES, v.c., R.E., Inspector-General of Military Works, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 23rd January 1885, No. 337 :—

In continuation of my letter No. 3908, dated 7th August 1884, I have the honor to forward, for your information, 60 copies of my Circular No. 1, Works, dated 7th January 1885, detailing the result of experiments lately carried out at Morar to test the suitability of the dummy railway truck for entraining 40-pounder siege guns.

ENCLOSURES.

From Colonel J. J. McLEOD INNES, v.c., R.E., Inspector-General of Military Works, to all Superintending Engineers, Military Works Department, dated Simla, 7th January 1885, Circular No. 1, Works.

Doubt having been entertained whether dummy railway trucks constructed in accordance with type plan No. 38 A were strong enough to permit of practice with 40-pounder guns, an experiment has been made at Morar, the results of which are detailed in the annexed correspondence.

2. The method of supporting the door suggested by the Executive Engineer, Morar division, appears suitable and should be adopted in cases where practice in entraining siege guns is likely to take place.

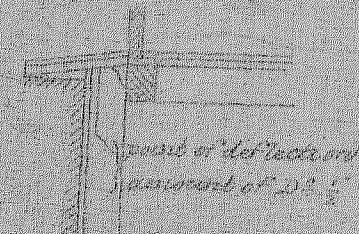
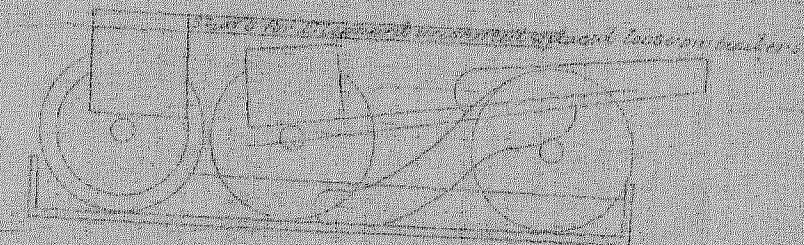
From the Executive Engineer, Morar Division, Military Works, to the Superintending Engineer, Meerut Command, Military Works, dated 24th September 1884, No. 1935.

I have the honor to report that a 40-pounder was entrained on the dummy truck this morning. In accordance with the orders conveyed in your No. 3693 of September 5th, I was present.

2. The only sign of weakness was in the door which forms the ramp up which the gun is moved into the truck.

The iron to which the planks are bolted deflected about half an inch.

3. The gun on its carriage was first put on the truck and placed close to one end, part of the gun being beyond the truck. Its limber was then placed at the opposite end and shafts removed. The limber of an ammunition wagon was then placed between the gun and its limber, the pole being over the gun carriage. The shafts of the gun limber were then placed over the two limbers. The gun and its limber weighed about 80 cwt., that of the gun and carriage being 60 cwt. according to the information obtained from the Officer Commanding, Royal Artillery.



14TH FEBRUARY 1885, No. 354 W., PUBLIC WORKS.

From the Executive Engineer, Morar Division, Military Works, to the Superintending Engineer, Meerut Command, Military Works, dated 4th December 1884, No. 2560.

With reference to your No. 4341, dated 2nd October 1884, I have the honor to report that all that is necessary to make the door way of the open truck strong enough to bear a 40-pounder without bending is to support it by a wooden wedge or by raising the curb of the platform so that the unsupported width of the door may be reduced to 4' instead of 2'. See marginal sketch.

Order—dated 14th February 1885, No. 354 W., Public Works.

Communicated to officers concerned, in continuation of G.O., No. 2102 W., dated 25th August 1884.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, III Circle.

" Military Department. V "

" Consulting Engineer for Railways.

Exd. J. Morris.
Spice Copied

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of Madras.

PUBLIC WORKS.

Dated February, 14th.

Recd.

Encl.

G.O., 14th Feb. 1885, No. 354 W.

FEBRUARY.

Dummy Railway Truck

Copies of circular from the Inspector-General of Military Works detailing result of experiments carried out to test the suitability of the — for entraining 10-pounder siege guns, communicated to the officers concerned.

27TH August 1883, No. 2396 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following letter from Colonel J. J. McLEOD INNES, V.O. R.E., Inspector-General of Military Works, to the Secretary to the Government of Madras, Public Works Department, dated Sima, 15th August 1883, No. 3949 :—

I have the honor to forward, herewith, 60 copies of the following type plans :—

Royal Artillery Series.

No. 38 A. Dummy Wagon. Open low-sided truck.

No. 38 B. Dummy Wagon. Covered goods wagon.

2. Copies of the type estimates for these dummy wagons will shortly follow.

Order—dated 27th August 1883, No. 2396 W., Public Works.

Communicated to officers concerned with reference to G.O., No. 1505 W., dated 29th May 1883.

2. The type plans will be distributed as follows :—

Superintending Engineer, Third Circle	...	...	...	15 copies.
" Fifth "	...	...	...	15 "
Military Department	...	...	...	20 "
In store	...	...	...	10 "
Total	...	...	...	60

(True Extract.)

(Signed) R. H. SANKEY, Major-General, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Third and Fifth Circles.
" Consulting Engineer for Railways.
" Military Department.
" Examiner, Public Works Accounts.

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1883) Madras.
PUBLIC WORKS.

Dated August, 27th.

Recd.

Encl.

G.O., 27th Aug. 1883, No. 2396 W.

AUGUST.

Dummy Wagons

Standard Plans for —. Letter from the Inspector-General of Military Works forwarding copies of —, communicated to officers concerned and the plans distributed.

25TH AUGUST 1884, No. 2102 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads,
Military Works.

REAP—the following letter from Colonel J. J. McLEOD INNES, V.C., R.E., Inspector-General of Military Works, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 7th August 1884, No. 3908 :—

In continuation of my letter, No. 3949, dated 15th August 1883, I have the honor to forward 60 copies of each of the type estimates to accompany type plans, dummy-wagons (No. 38 A, open low-sided truck, and No. 38 B, covered goods-wagon).

ORDER—dated 25th August 1884, No. 2102 W., Public Works.

Communicated to officers concerned, in continuation of G.O., No. 2396 W., dated 27th August 1883.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineers, III and V Circles,
with fifteen copies of each enclosure.
" Military Department, with twenty do. do.
" Consulting Engineer for Railways.

Ed. B. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of 1884 Madras.
PUBLIC WORKS.

Dated August, 25th.

Recd.

Encl.

G.O., 25th Aug. 1884, No. 2102 W.

AUGUST.

Dummy-Wagons

Type estimates for—Copies of —, communicated to officers concerned.

354/11

Circular No 1 Works.

From

Colonel J. J. McLEOD INNES, V.C., R.E.,
Inspector General of Military Works.

To

ALL SUPERINTENDING ENGINEERS,
MILITARY WORKS DEPARTMENT.

Dated Simla, 24th January 1885.

Doubt having been entertained whether Dummy Railway Trains constructed in accordance with type plan No. 38 A, were strong enough to permit of practice with 40-pounder guns, an experiment has been made at Mian, the results of which are detailed in the annexed correspondence.

2. The method of supporting the door suggested by the Executive Engineer, Meerut Division, appears suitable and should be adopted in cases where practice in entraining siege guns is likely to take place.

J. J. McLEOD INNES, Colonel, R.E.,
Inspector General of Military Works.

No. 1835, Dated 24th September 1884.

From—The Executive Engineer, Meerut Division, Military Works.

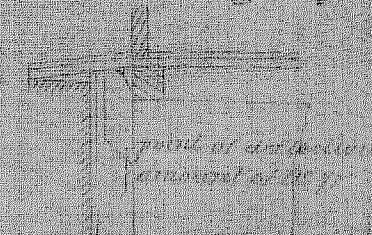
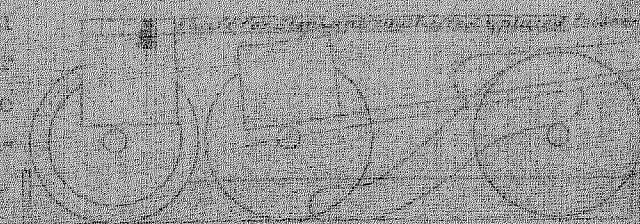
To—The Superintending Engineer, Meerut Command, Military Works.

I have the honor to report that a 40-pounder was entrained on the dummy truck this morning. In accordance with the orders conveyed in your No. 3638 of September 3th, I was present.

2. The only sign of weakness was in the door which forms the ramp up which the gun is moved into the truck.

The iron to which the planks are bolted deflected about $\frac{1}{2}$ an inch.

3. The gun on its carriage was first put on the truck and placed close to one end, part of the gun being beyond the truck. Its limber was then placed at the opposite end and shafts removed. The limber of an ammunition wagon was then placed between the gun and its limber, the pole being over the gun carriage. The shafts of the gun limber were then placed over the two limbers. The gun and its limber weighed about 50 cwt., that of the gun and carriage being 60 cwt. according to the information obtained from the Officer Commanding, Royal Artillery.

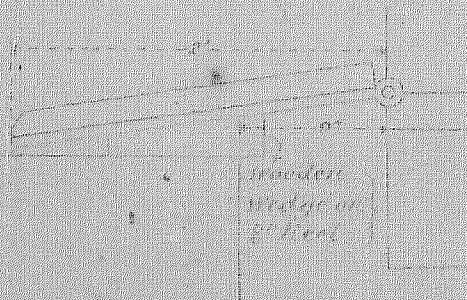


No. 2560, dated 4th December 1884.

From—The Executive Engineer, Meerut Division, Military Works,

To—The Superintending Engineer, Meerut Command, Military Works.

With reference to your No. 4241, dated 2nd October 1884, I have the honor to report that all that is necessary to make the door-way of the open truck strong enough to bear a 40-pounder without bending is to support it by a wooden wedge or by raising the curb of the platform so that the unsupported width of the door may be reduced to 9" instead of 2 feet. See marginal sketch.



MILITARY WORKS DEPARTMENT. T.

To

ALL SUPERINTENDING ENGINEERS,

MILITARY WORKS DEPARTMENT.

Circular No. 1 Works.

Dated Simla, 7th January 1885.

Received

Result of experiments carried out at Meerut to test the suitability of the Dummy Railway for ammunition practice with a 40-pounder siege gun.

Genl. C. B. Price, Simla.—No. 234 J. G. M. W.—25-1-85.—450

Attention
addressed
Inspector
General of Mil-
itary Works.

No. 337

From

Col. J. J. Richard Lines R.E.

INSPECTOR GENERAL OF MILITARY WORKS,

To

THE Secretary to Government of Madras,
Public Works Department.

Simla, 23rd January 1885.

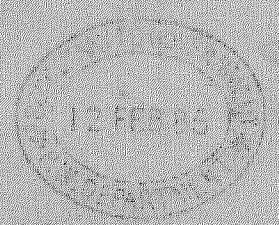
Sir,

In continuation of my letter No. 3908 dated 7th August 1884 I have the honor to forward for your information 60 copies of my Circular No. 1, Works, dated 7th January 1885 detailing the result of experiments in lately carried out at Meerut to test the suitability of the Dummy Railway truck for unloading 40 pounder siege guns.

I have the honor to be,
Sir,

Your most obedient servant
J. J. Richard Lines Major R.E.
For Inspector Genl. Military Works.

2024 7-27-94
State of Oregon



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No 354. W a 14 Feby. 85

Communicated to
officers concerned, in
continuation of G.O. No
2102 W a 25 August 1884.

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fully. Sept. 1
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PUBLIC WORKS.

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During the time

of the year the
number of men
employed in the
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has been
increased
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been
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out
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the
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rapid
and
efficient
results
yet
attained.

170

17/12