AUSTRALIAN
WAR MEMORIAL

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AUSTRALIAN WAR MEMORIAL
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117/13

COMMONWEALTH OF AUSTRALIA.

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Subject 4.3. SOMME WINTER. 7-21 NOV. 1916.

Referred to by.	Date.	Referred to by.	Date.	Referred to by.	Date.
RIGHT ARMY.		FOURTH ARMY.			
CENTRE CORPS.		I ANZAC CORPS.			
		" CHIEF ENGINEER."			

This File must be Kept Intact.

1st ANZAC CORPS. C.E.

RIGHT DIVISION SECTOR (6)

DUGOUT ACCOMMODATION.

Reference Numbers refer to Numbers on Map. on wall in G Office.

1 - 9 Right Brigade.
10 - 20 Centre Brigade.
21 - 27 Left Brigade.

(Boles have a copy of this paper & map)

Ref.No.	Situation.	Accommodation.	Remarks.
1.	Dump, T.8.a.centl.	15	2 chamber connected. 2 entrances 13' deep
		32	8 splinter proof shelters for 4 men each.
2.	T.8.a. SignalsOffice.	15	2 chamber connected. 1 entrance and 1 air shaft. 21' deep. 2 shelters on top used as an Officers' mess.
3.	-do-	Signal Office.	1 chamber and gallery. Single entrance. 26' deep.
4.	LONE TREE.	8	1 chamber and branch gallery. Single entrance. 12' of earth on top. Not timbered.
5.	GERMAN DUMP.	15	5 chambers, connecting galleries; 3 entrances.20' to 30' deep.
6.	WINDMILL TRENCH.	Under construction.	4 entrances made: rooms started: 18' deep
7.	COW TRENCH.	-do-	4 entrances made, 2 rooms started.
8.		Battn.H.Q.	Double shaft connected by gallery. hardly big enough for Coy.H.Q. Needs repairing.
9.		Battn.H.Q. Div.on right in our area.	As above. Rather less accommodation. Needs repairing.
10.	Junction of BLIZZARD & MISTY.	4	12' deep.
11.	Junction of BUZZER & RAINBOW.	8	
12.	LARKHILL TRENCH.		4 saps: 3 sloping, 7', 4', 2' down. 1 vertical, 7' down, under construction.
13.	SPIDER TRENCH.	40	4 dugouts. These were cleaned out and re-strutted, but 2 have since been blown in.
14.	ROSE TRENCH.	30	4 saps. Coy. H.Q. and Dressing station.
15.	N.33.a.0.5.	7	1 sap.
16.	NEEDLE TRENCH.	30	2 entrances, 24' deep.
17.			

204

204

17.	NEEDLE TRENCH.		3 saps, fallen in.
18.	Junction PEN TRENCH & RUT TRENCH.	Under construction.	2 saps, each 12' deep.
19.	WINDMILL TRENCH.	50	Double storey, 3 entrances.
.	BLIGHTY TRENCH.	8	15' deep, untimbered.

21.	ROSE TRENCH.	Under construction.	Started for M.G.C.
22.	-do-	-do-	-do-
23.	NEEDLE TRENCH.	20	Started by Germans. At present merely cubby holes, but could easily be extended.
.	S.12.b.8.8.	Bde. H.Q.	38 gallery and 1 room added. 2 faces left ready for extending.
25.	NEEDLE TRENCH.	4 offrs. 40 O.R.	Old German dugouts.
26.	-do-	4 offrs. 40 O.R.	-do-
27.	GNAT TRENCH.	10	-do- Used by Signals.

Existing work
New Work

~~Fair amount of worked up material in R.E. Dumps. none on work sites.~~

372

12th Nov. 1916.

---.

Copy to B.G.G.S. for information
Please pass on to Q.

HEADQUARTERS 1ST ANZAC. 74/-

AUSTRALIAN WAR RECORDS SECTION CLASSIFICATION SUB-SECTION

1ST AUSTRALIAN & NEW ZEALAND ENGINEERS

C 863/15

HEADQUARTERS

9-11-16

CHIEF ENGINEER, 1st ANZAC. 216/123

Engineering Instructions issued to

Major Sturdie A.E.

C.R.E. Roads.

You will take over the whole system of roads known as District A. comprising Corps roads between Albert & Montaubun from Col. Dobbs. R.E. whose Hd. Qrs. are near Fricourt at F.2. Central. In future your official title will be C.R.E.Roads A.District.

Assistants & Labor Permanent & Tempoary.

Col. Dobbs will hand over his whole staff of road assistants, four in all, three more will shortly join you, together with his Permanent Labor for roads, which consists of 22 West Yorks labor Battalion & 37th Royal Fusiliers. and one Co of 2nd Labor Battalion
You will also be given one Battalion of Infantry from the Division in rest so that your daily strength on roads will be, 2 Labor Battalions, One Infantry Battalion.

Tools & Plant

You will take over the stream Rollers now in Col Dobbs Charge with their drivers , water carts etc.as also all tools belonging to the roads in District A.

Former of Works

The following C.M.S. will come over to you :- C.Stevens, H.Osborne, J. Fewer, E. Crun, at present these N.C.Os are attached to the 37th Royal Fusiliers , assisting on the roads

Transports

Col. Dobbs will explain to you his daily arrangements for transport.

AUSTRALIAN WAR RECORDS SECTION
C 862 / 12
CLASSIFICATION SUB-SECTION

Contd.

Materials

As regards supply of Materials , Road Metal & Pit props, these materials are railed to Willow Siding & New Fricourt. You will require to keep a permanent unloading & loading party at Albert, to transhipment road metal from the standard gauge to the Metre gauge at Albert. New Fricourt Siding is on the Metre Gauge.

The supply of materials is arranged for by the 4th. Army on indents from this office. You will be notified from time to time by this office as to the daily tonnage you are likely to receive.

Cours & Sidings

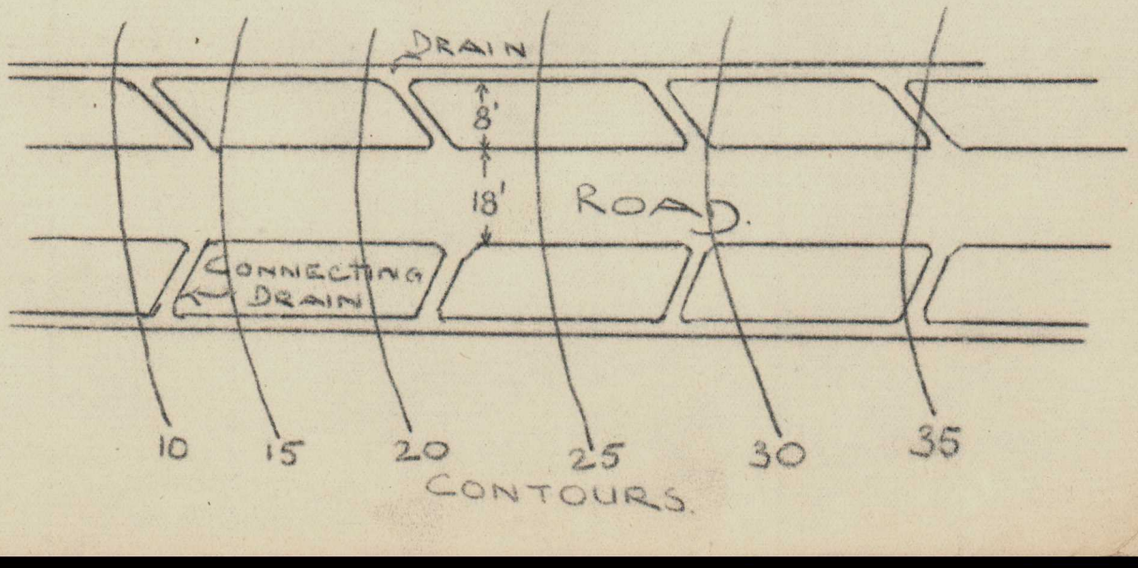
These within your area Fricourt & Willow Sidings are under the C.R.E. Corps Troops Col. Dobbs. So that you should address him on all questions connected.

Engineering Details

The repair & upkeep of the corps roads in your areais of such a vital importance that you have been placed in charge of this single item of work in order that you may devote your whole time & energies to this one work which I feel confident you will do.

The crying necessity as matters now stand is drainiage of the roads & you must pay special & unremitting attention to this .

The drains should run Parallel to the roads at a distance of not less than 8 feet from the edge of the road & short connecting drains should be made from the roads to the main drains.

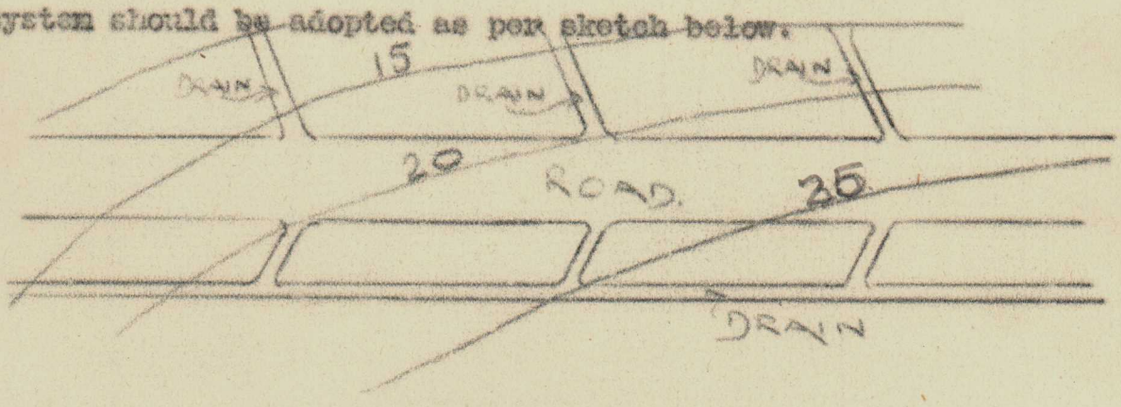


AUSTRALIAN WAR RECORDS SECTION
CLASS. C862/1/15

10

Contd.

In the case of roads running along hill sides the system should be adopted as per sketch below.



The roads are all sunken which renders the problem doubly difficult

What we must aim at is a fairly good road surface but we can never attain this unless we drain both road surface & its foundations the side drains should therefore be at least 18" below the road surface.

Surface

Where possible quarry lumps should be used to fill large holes with road metal on top.

When the foundations have completely gone we must revet to pit prop & sleeper corduroy, covered with a layer of at least 6" of ballast

You should establish your Hd. Qrs. at the most convienant sppt Maunetz or Fricourt & a telephone will be provided you if there is none near your Hd.Qrs.

Cyclists

Each road assistants will be provided with one cyclist orderly & you will be given two , in order that your assistants may be in constant communication with you.

AUSTRALIAN WAR RECORDS SECTION
862 / 1 / 15
CLASSIFICATION SUB-SECTION

Contd.

Distribution of Work

I Will leave it to you to divide your District into Sub Districts each under an assistant you will also tell off your labor both Permanent & Temporary to Sub Districts if the road may demand.

Progress Reports

You will submit a daily report drawn up in Tabular form showing.

SUB DIST.	ASST. IN CHARGE	LABOR PERMT	LABOR TEMPY.	CONDITION OF ROAD & REMARKS

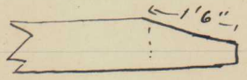
Sydney Rowell

Brig. General

C.E. 1st A.& N.Z. Corps

Notes on attached design of portable Artillery Bridge made at 1st Anzac Rly Park Conlay.

made in two sections, transoms being loose. A stop rail 3" × 2" is put on the outside of transoms, and the ends of each section butt up against it, when set, and which prevents the sections from slipping backwards or forwards. Chocks (or cleats) prevent slipping sideways.

The ends of the bearers are cut on the bevel 

and forms the ramp, the thickness of transom and decking being made up to with earth.

The side rail (or riband) 5" × 3" is bolted through the outside bearers by 3 bolts. the rail on ramp is secured with 6" nails. A rail of 3" was found insufficient to prevent the wheel from pulling over.

There are no handles but in one section two hand holes are cut which permits the lifting of one section, leaving the second section clear.

This bridge has been tried in the Conlay Rly Park with a 3 ton lorries filled with heavy timber, the lorries being allowed to stand (dead weight) for some time, the bridges appeared to take the weight without any undue strain.

Many of these bridges were issued but before reports could be gathered this Corps moved from the Area.

Heavier bridges were made with 7 × 3 bearers & 2 inch decking, but design was similar.

The bridges are easily laid as no anchorage is required, the ground only being

made sufficiently level to give a bed for the transom.

A. H. Pallett - Wksm
Ans

'G' 1st Avenue
Forwarded

10/4/16

Jno. C. Corlett Maj
OIC E 1st Avenue

D.D.M.S.
1st ANZAC.
No.
Date. 11-11-16

D D M S
1st Anzac. 11/11/16

No wheels are at present available but expect some in a few days. Can you obtain authority to draw the necessary springs from Ordance. The trailer truck was not finished in II Army Workshops but we can make another one.

H Skeldon
for CE 1st Anzac corps

Aus. Corps 66. L558

1St AUSTRALIAN & NEW ZEALAND ARMY CORPS.

CHIEF ENGINEER, 1st ANZAC. 8/14

AUSTRALIAN WAR RECORDS SECTION CLASSIFICATION SUB-SECTION C863 2 98

Headquarters

11th Nov. 1916

Engineering Instructions No. 4.

To all C R E's of Divisions.

As regards the upkeep and maintenane of Divisional roads at the Front.

The first and most important point to aim at is Drainage , drainage, drainage. It will be absolutely impossible to keep our road in commision this winter unless this point is attended to now.

Absorption pits are useless. What we require are continious drains discharging on to lower ground at every point which the fall of the country will allow.

The drains should be 6' or 8' away from the road side and connected to the road by frequent cuts.

One reason for the failure of our roads is the spreading of the road bed due to softness of the soil. Under the great weight of traffic carried, this spreading allows the metal to sink and loosen the extroardinarily adhesive mud which oozes on to the roads makes every wheel a road metal extractor.

In order to counteract spreading and to retain the road at its normal width, I advocate driving strong lines of heavy pickets at intervals of say 2'6" all along both sides of the road close up to the banks. These pickets will support planks or fascines, placed on the inner side, as per sketch.

Pickets should be tied together as shown on sketch to prevent spreading. The baulk shown will act as a tightener if the road tends to sink.

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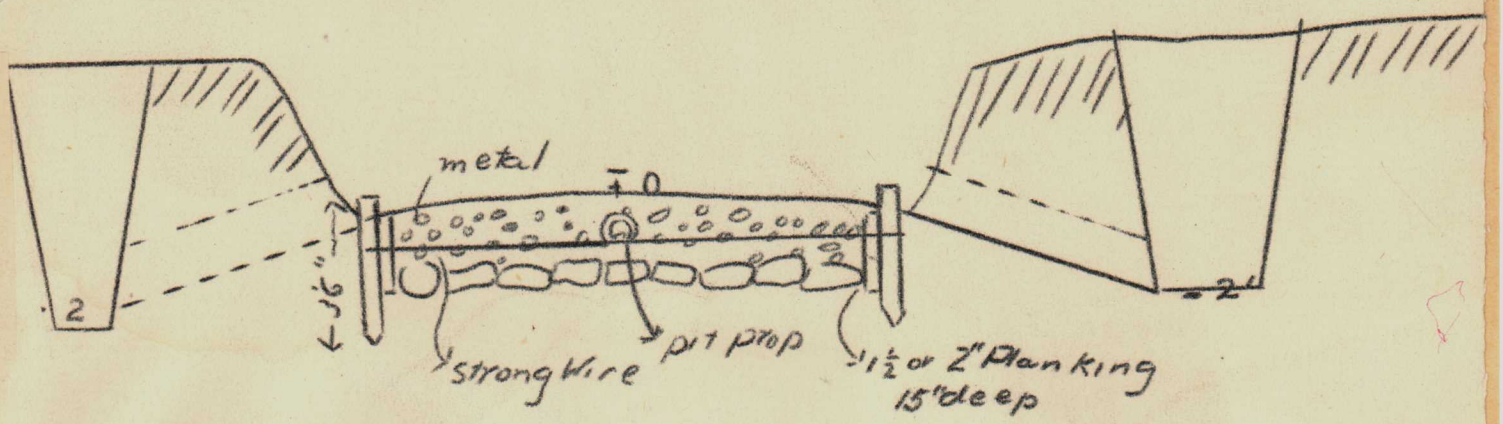


A Road built as suggested cannot spread but can only sink vertically & as clay is not very compressible , the system shouldadd largely to the life of the road surface.

As regards the road surface when possible heavy rolling and ballast should be used, but as it is almost impossible to obtain sufficent quantities of these materials , we must adopt corduroying with pit props, but these should be covered with at least 6" in depth of small metal when obtainable.

In either case the kerb planks & pickets should be employed.

2 CRE 1st Aust Div.
CRE 2. " "
CRE 4th " "
CRE 5 " "
CRE Anzac
CRE Roads 'A' Dist
CRE Corps Troops.

Brig. General
1St A & N Z A Corps

CHIEF ENGINEER, 1st ANZAC.
53/1

HQRS. DIVL. ENGRS. F 236 1 AUSTN. DIVN.

1ST AUSTRALIAN & NEW ZEALAND ARMY CORPS

4 DV ENGRS

L53

Headquarters

11th Nov 1916

Chief Engineers Order No 41

by

Brig. General A.J.de Lotbiniere C.S.I. C.I.E. R E

Chief Engineer 1st Anzac.

SUBJECT. Interchange of Units

On relief of 1st Australian Division the following interchange of units C E's Orders will take place.

(1) One Field coy 1st Australian Division will relieve the 4th. Field Coy on Decauville construction under Lt. Col. Fewtrell. The O C relieving company will arange to take over orders and accomadation from O C 4th Field Coy situated at S 22 Central. He will report to Lt. Col. Fewtrell that this has been done.

(2) One Field Coy 1st Australian Division will relieve 13th Field Coy MAMETZ Camp engaged on hutting under C R E Corps Troops O C Relieving Field Coy will take over orders and accommodation from O/C 13th Field Coy and report to C R E Troops.

(3) 2 Coys. Pioneer Battalion of 1st Australian Division will relieve 2 Coys 4th Pioneer Battalion who are employed under C R E Circuit Roads.

O C Pioneer Battalion should apply to this officer Lt. Col. Carey c/o 12th Devons , Moutauban (Map location A.3.A.47) for instructions re these companies should report and be accomadated.

1 Coy will relieve 1 Coy 4th Pioneer Battalion off loading Heavy Ammunition on LONGUEVAL - BAZENTIN Road under Decauville transport Officer.

1 Coy. on same dutyunder advanced 'Q' officer Major Waters at Quarr

for Brig General

C E 1st A & N Z A Corps

Copies to

C R E Circuit Roads
O/C Decauville Line
C R E 1st Australian Division
Q. 1st Anzac
C R E Corps Troops

Copy to Corps. Queries Q for information

13-11-16

SECRET

1st AUSTRALIAN AND NEW ZEALAND ARMY CORPS.

CHIEF ENGINEER, 1st ANZAC. 56/6

4 LV ENGRS

L53

Secret.

Engineer Order No. 4.

-by-

Brig. General A. J. de Lotbiniere, C.S.I., C.I.E.
Chief Engineer, 1st A. N. Z. A. C.

Reliefs.

On the relief of the 2nd Australian Division the following interchange of units under C. E's orders will take place:-

(1) One Field Co. 2nd Australian Division will relieve one Field Co. 5th Australian Division working under C. R. E. Circuit.

(2) One Field Coy. 2nd Australian Division will relieve One Field Coy. 5th Australian Division working under O. C. Corps Light Railway (Lieut. Col. Newtrell) on Decauville Construction.

(3) 2nd Australian Pioneer Battalion will relieve 5th Australian Pioneer Battalion under C. R. E. Circuit.

(4) The remaining Field Co. of 2nd Australian Division will work under direction of C. R. E. "R. Q. T." Areas (Major Hunter Cowan, 149th A. T. Co. R. E.) in "R" Area. O. C. will report to C. R. E. "R. Q. T." for instructions whose office is at Ribemont Sucrerie.

J. McCarter. Maj
for Brig. General,
C. E. 1st Anzac.

11/11/16

"Q" 1st Anzac.
C.R.E. 1st Aus. Div.
C.R.E. 2nd Aus. Div.
C.R.E. 4th Aus. Div.
C.R.E. 5th Aus. Div.
C.R.E. Circuit,
C.R.E. Corps Troops,
C.R.E. "A" District,
C.R.E. "R.Q.T." Areas,
O.C. 149th A. T. Co.
O. C. 217th A. T. Co.
O. C. Sussex A. T. Co.

File

AUSTRALIAN WAR RECORDS SECTION
863/2
CLASSIFICATION SUB-SECTION
A.C.R.E.
E79.

As regards the upkeep and maintenance of Divl. roads at the front;-

The first and most important point to aim at is drainage, drainage, drainage. It will be absolutely impossible to keep our roads in commission this winter unless this point is attended to now.

Absorption pits are useless, what we require are continuous drains discharging on to lower ground at every point at which the fall of the country will allow.

The drains should be 6' or 8' away from the road side and connected to the road by frequent cuts.

One reason for the failure of our roads is the spreading of the road beds due to softness of the soil. Under the great weight of traffic carried, this spreading allows the metal to sink and loosen the extraordinarily adhesive mud which oozes on to the roads makes every wheel a road metal extractor.

In order to counteract spreading and to retain the road at its normal width I advocate driving strong lines of heavy pickets at intervals of say 2'6" all along both sides of the road close up to the banks. These pickets will support planks or fascines, placed on the inner side, as per sketch.

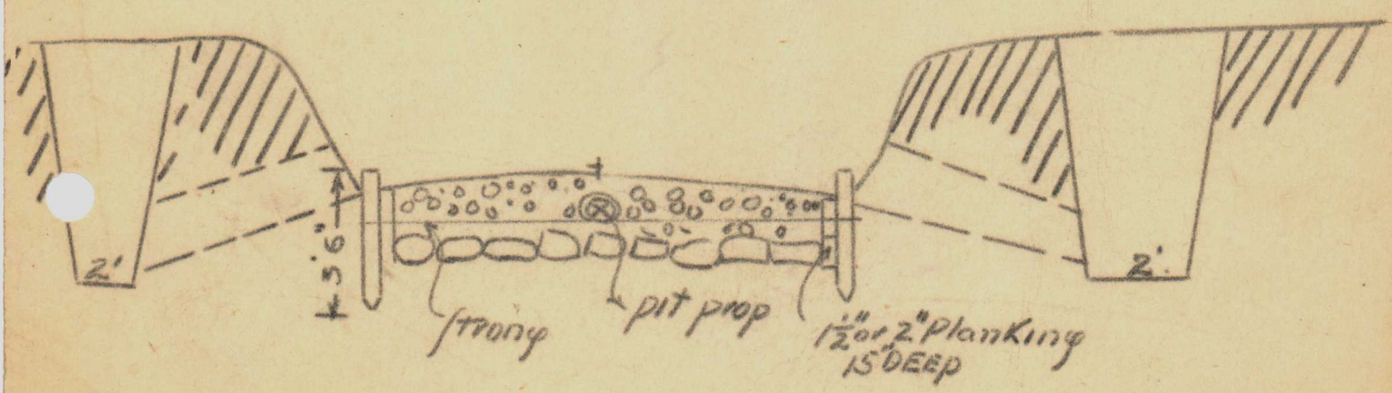
Pickets should be tied together as shewn on sketch to prevent spreading. The bault shewn will act as a tightener if the road tends to sink.

A road built as suggested cannot spread but can only sink vertically and as clay is not very compressible, the system should add largely to the life of the road surface.

As regards the road surface when possible heavy rolling and ballast should be used, but as it is almost impossible to obtain sufficient quantities of these materials, we must adopt corduroying with pitprops, but these should be covered with at least 6" in depth of small metal when obtainable.

Sgd. Brig- General,
1st. A.N.Z.A.C.

11/11/16.



HEADQUARTERS, 1st ANZAC. 74/75

1st AUSTRALIAN & NEW ZEALAND ARMY CORPS

AUSTRALIAN WAR RECORDS SECTION C13/2/ CLASSIFICATION SUB-SECTION

Headquarters

12th Nov 1916

Engineer Order No 2
by Brig . General A J de Lotbinier C.E. 1st Anzac.

1 Attachment

(a) The 178th Tunnelling Coy is allotted to 1st Australian Division to which Division it is attached for duty, discipline & administration. Arrangements for move will be made direct between 1st Australian Division & O/C 178th Tunnelling Coy (R O No 411)

(b) No 3 section 258th Tunnelling Coy will be placed under orders of C R E Corps Troops for water supply and general duties. O/C 258th Tunnelling Coy will arrange direct with C R E Corps Troops for quartering of this section.

2. Appointments.

(a) Lt. Col. Fewtrell 4th Pioneer Battalion assumed control of Decauville Railway System from 6th . Nov (R O No 407)

(b) Major V.A.H. Sturdee is detached from 5th Division temporarily for duty as C R E 'A' District Roads. Dated Nov. 9th (R.O. No 410).

3. The 'Circuit' roads i.e. MONTAUBAN- BAZENTIN - LONGUEVAL - ~~BERLAY~~ BERNAFAY will be controlled for maintenance and repair in future by the C R E of a reserve division.
C R E 5th. Australian Division assumed control as from 11th inst.

4. Major Hunter Cowan 149th A T Coy will be in charge of R E services for R & Q Areas and portion of T area east of the AMIENS - DOULLENS Road.

Further particulars are supplied in Engineering Instructions No. 3

J McCarter Brig.

Brig. General
C.E. 1st A & N Z A Corps

Copies to :-
C R E Corps Troops
C R E Circuit
C R E 'A' District Roads
O/C Corps Light Railway
Oi/c R E Services R.Q. & T Ares.
'Q' 1st Anzac.
C R E 1st Aust. Division.
C R E 2nd. " "
C R E 4th " "
C R E 5th. " "

CHIEF ENGINEER, 1st ANZAC. 33/4

AQ. NOV 12 Rec'd

1st AUSTRALIAN & NEW ZEALAND ARMY CORPS.

CHIEF ENGINEER, 1st ANZAC. 265/17.

Headquarters,
12-11-16.

Q,
1st Anzac.

Reference No Q C 1004 of 4th Army.

Impossible to give an accurate forecast; but estimate 500 tons of R.E. materials, including stone, would be an approximate figure.

Brig. General,
C.E., 1st A.& N.Z.Army Corps.

167/86 1st Anzac.

Fourth Army, No. QC/1081

235/77.
C.E.

III Corps,
XIV "
1/ANZAC Corps.

The Fourth Army Roads Board will undertake the clearing of Snow off the roads as far East as a line - WARLOY - BAIZIEUX - RIBEMONT - this road inclusive.

A certain number of snow ploughs, for horse traction, are now being manufactured in the Army Ordance Workshops.

Corps will forward an estimate of their requirements to this office by 20th November.

(Sd.) R. S. May,

Lieut. Col.
A. Q. M. G. Fourth Army.

Hd. Qrs 4th Army,
13th November, 1916.

Copy to C. E. :-

Chief Engineer,

What do you estimate are required. We must keep the main road through Montauban, and the Circuit Roads clear. We must also clear the Fâers Road, giving the Right Division ploughs for that purpose.

"Q" We will have 12 miles of main road - say two ploughs per mile - 24.

(Sd.) A. J. de Lotbiniere.

1st Anzac R.

1029/2

HEADQUARTERS, 1st ANZAC. 92/452

1st AUSTRALIAN AND NEW ZEALAND ARMY CORPS.

CHIEF ENGINEER, 1st ANZAC. 327/69

Headquarters,
14-11-16

AUSTRALIAN WAR RECORDS SECTION
A1029 2 1
CLASSIFICATION SUB-SECTION

A,
1st A.N.Z.A.C.

The two companies of Infantry detailed to report for work at Corps Workshops, Meaulte North did not arrive on 12th and 13th insts., and today only forty arrived. Unless they report tomorrow it will be impossible to clear the dump and offload stores.

The following work has been seriously delayed by the non-arrival of the working parties :-

(1) New Roads at Workshops,

(2) Construction of New Sheds,

(3) Offloading Stores,

(4) Reduced the output of Duckboards and Trench Stores.

May some action be taken so that the party for tomorrow reports without fail -- otherwise I cannot take responsibility for offloading trains, and keeping the shops running.

Brig. General,
C. E. 1st A. N. Z. A. C.

A.D.

This amounts to a clear disregard of the Corps Comds order & I think the Div Comd. shd be so informed

The CE supplies a labour control Officer who will check such parties & forward up - it is worth thinking of

4 D ENGRS

D53

CHIEF ENGINEER, 1st ANZAC. 53/5

1st AUSTRALIAN AND NEW ZEALAND ARMY CORPS.

4 LV ENGRS

L53

Headquarters,

14 - 11 - 16

ENGINEER ORDER NO. 3.

By. Brig. General A. J. de Lotbiniere,
C. E. 1st A. N. Z. A. C.

(1) Hutting Construction.

The tradesmen of Labour Battalions hitherto working on Hutting Construction under C. R. E. Corps Troops will continue the work until further notice.

(2) ANZAC Workshops.

The 1st Sussex A. T. Coy. is detailed to conduct the ANZAC Workshops. O. C. 1st Sussex A. T. Coy. will be O. C. Workshops and responsible to the Chief Engineer for running the shops.

(3) Kaffir Compound.

O. C. 1st Sussex will complete Kaffir Compound at Quarry now in hand and will then concentrate his Company at a site in the vicinity of the Workshop. He will also complete Kaffir Compound now in progress near site of Workshops which is being constructed by B. Coy, 2nd Labour Battalion, R. E. He will take over this work at once.

J. McCarthy

Major. A.E.

for C.E. 1st A.N.Z.A.C.

C. R. E. 1st Australian Div.
2nd Australian Div.
4th Australian Div.
5th Australian Div.
Circuit.
R. Q. T.
O. C. 149th A. T. Co. R. E.
217th A. T. Co. R. E.
C.R.E. "A" District.
C.R.E. Corps Troops.
Q. 1st Anzac.
O/C 1st Sussex A.T.Cy

File

1st AUSTRALIAN & NEW ZEALAND ARMY CORPS.

CHIEF ENGINEER, 1st ANZAC.
235/74

Headquarters,
16 - 11 - 16.

C. R. E. "A" Circuit.

The attached copy of notes by O. C. 5th Pioneer Battalion are interesting and useful and are forwarded for your information.

for Brig. General,
C. E. 1st A.N.Z.A.C.

1st. AUSTRALIAN AND NEW ZEALAND ARMY CORPS.

Copy

CHIEF ENGINEER, 1st ANZAC.
235/74

Headquarters,
16 - 11 - 16.

O. C.
5th Pioneer Bn. A. I. F.

I have read your notes on Road Repair work with great interest, and I thank you for sending me a copy. I am certain if these orders can be carried out it will result in a vast improvement of your section of road.

It is most encouraging to see what thought and interest you are giving to your work, and I again thank you.

(Sd.) A. J. de Lotbiniere,
Brig. General,
C. E. 1st A. N. Z. A. C.

1st AUSTRALIAN & NEW ZEALAND ARMY CORPS.

HEADQUARTERS, 1st ANZAC. 155/94

CHIEF ENGINEER, 1st ANZAC. 248/7.

Headquarters,

16 - 11 - 16

1

"Q", 1st A.N.Z.A.C.

Reference 4th Army No. Q.C./1004/1

As far as can be ascertained our 247/73 is correct. CR No 157/91 with Q.

The present position is :-

On site :-

1 Petrol Tractor,
115 Push Trucks,
11 Iron Tractor Trucks,

Required at once :-

(a)
12 - 2½ ton Petrol Tractors,
350 - 4 Wheel Tractor Trucks,
20 - 7 ton well bogey wagons,
100 - Complete 4 wheel push trucks.
160 - Sets of Wheels, axles and axle boxes for push trucks.
10 - miles 16 lb track (or 22 lb. if available)
40 - Crossings, flattest available.
40 - Switches,
120,000 - 3½" Dog Spikes

(b) 9 lbs track and trucks for Artillery - Quantity not yet submitted.

Brig Gen

~~Capt. R. E.~~
~~for~~ C. E. 1st A. N. Z. A. C.

2

CE / under our new Corps scheme the trucks will be run under D.T.O from B.G. Transhipping points to the Artillery feeder lines at present in Existence. They will then be switched off to Batteries (without touching the shell themselves) by man power. Therefore we do not want special trucks nor special track for artillery lines.

WT

P.T.O.

3

9 1st Anzac

Notes

WD Sheldon
Captor
& CE 1st Anzac

19 Nov.

HEADQUARTERS, 1ST ANZAC. 74/78.

AUSTRALIAN WAR RECORDS SECTION CLASSIFICATION SUB-SECTION C863/14

1st AUSTRALIAN AND NEW ZEALAND ARMY CORPS.

Engineering Instructions No. 7 Issued by :-

Brig. General, A. J. de Lotbiniere,
Chief Engineer, 1st A.N.Z.A.C

(1) I went over practically all District and Circuit Roads today. On district "A" Roads I found Lieut Peck on his work, as I never fail to do, and on Circuit Roads I found Capt. Patterson who also is devoted to his work. I May have passed other assistants, and not recognised them, but I do not think so.

(2) I wish all C. R. E's to instruct their assistants to invariably address me when they see me on their sections of roads.

(3) I would also draw attention to the neeessity of Road Officers being on their sections, as long as the troops are at work. This is an order which must be carried out.

(4) C. R. E's will kindly send me a list of their road sub-divisions, and the names of the officers in charge of each, so that I may know who to ask for when inspecting.

(5) It appears to me that we should devote more attention first, to protecting the sides of the roads from being cut by wheels, by the use of strong pickets placed at intervals of 6 or 8 feet as is done on certain sections of roads. Second, we should lower and step back the roadside banks as much as possible throughout. Drainage and Roadsurface come first, but these two points require serious attention.

(6) I shall endeavor to obtain distinctive armlets for all Road Officers.

16 - 11 - 16

Brig. General,
C. E. 1st A. N. Z. A. C.

C.R.E. 1st Aus. Div.
C.R.E. 2nd Aus. Div.
C.R.E. 4th Aus. Div.
C.R.E. 5th Aus. Div.
C.R.E. Circuit,
C.R.E. Corps Troops,

C.R.E. "A" District
C.R.E. "R.Q.T" Dist
O.C. 149th A.T. Co.
O.C. 217th A.T. Co.
O.C. Sussex A.T. Co.
"Q" 1st Anzac.

CHIEF ENGINEER, 1st ANZAC. 82/7

1st AUSTRALIAN & NEW ZEALAND ARMY CORPS.

CHIEF ENGINEER, 1st ANZAC.
235/80.

Headquarters,

20 - 11 -,16.

C. R. E. "A" District.

The attached report by Lieut. Col. Sankey, R. E. is forwarded for your information.

Will you please pass to C. R. E. Circuit, who will return the report to this office.

Major, A. E.
for C. E. 1st A. N. Z. A. C.

CHIEF ENGINEER, 1st ANZAC.
235/80

C o p y.

1st AUSTRALIAN & NEW ZEALAND ARMY CORPS.

Headquarters,

20 - 11 - 16.

C. R. E. 4th Army.

Your No. Army E 242/48 of 19 - 11-16.

I regret Col. Sankey did not apparently communicate with any of my officers or myself. As regards the state of the roads, and what we should do; materials form the basis of all improvements, after drainage has been provided for, and it is the difficulty we experience in getting up materials which hampers progress. As the Railway extends, this difficulty, will, I hope, disappear in a large measure. I am certain with our present organisation that in a month or six weeks there will be a vast improvement in our roads.

As regards the men alive - this is a standing difficulty and is due to the men being what they are. Our organisation is fairly perfect now as far as subdivision of roads, and road officers is concerned.

(Sd.) A. J. de Lotbiniere.

MESSAGES AND SIGNALS.

No. of Message .....

Prefix ..... Code ..... m. | Words | Charge | This message is on a/c of: | Recd. at ..... m.

Office of Origin and Service Instructions. | Sent At ..... m. To ..... By ..... | ..... Service. | Date .....

From .....

By .....

(Signature of "Franking Officer.") | By .....

TO { 1 C R E Corps Troops
2 13th ~~1st~~ Field Company AB
3 ~~258th~~ Tunnelling Co Q 1st Anzac.

Sender's Number.	Day of Month.	In reply to Number.	
* 327/51	10 Nov.	16	AAA

Labour allotted to fwd for
Nothing and miscellaneous work will
be as follows AAA For
Offloading at WILLOW and NEW
FRICOURT two Coys from ~~4th~~ 13th ~~Aust~~
AUST DIVN for Hutting &
Field Coy AE 133
134th A T Corps AAA
will one section 258th
Tunnelling Coy or arrival AAA
Addsd C R E Corps Troops repld
~~4th~~ 13th Gd Coy AB 258th
Tunnelling Coy Q 1st Anzac

File Part 10/11

From CE 1st Anzac

Place

Time

The above may be forwarded as now corrected.

Censor.

(Z) J. McCarthy Maj

Signature of Addressor or person authorised to telegraph in his name.

* This line should be erased if not required.

225,000. W 14042—M 44. H. W. & V., Ld. 12/15.

MESSAGES AND SIGNALS.

No. of Message .....

Prefix ..... Code ..... m. | Words | Charge | This message is on a/c of: | Recd. at ..... m.

Office of Origin and Service Instructions. | Sent At ..... m. To ..... By ..... | ..... Service. | Date .....

From .....

By .....

(Signature of "Franking Officer.") | By .....

TO { 1 Lt. Col. FEWTREL DTO LONGUEVAL
2 ~~4th~~ 13th Field Co AB @ Q 1st Anzac
3 15th Field Co AB -

Sender's Number.	Day of Month.	In reply to Number.	
* 327/52	10-11-16		AAA

From eleven inst inclusive Yours
labour will be for Tunnelling
as follows AAA ~~4th~~ 13th Field
Coy 15th Field Coy less
one Section and two Companies
of Pioneers from 1st Aust
Div and two Companies Pioneers
from 2nd Aust Divisions AAA
Please inform and where these parties
when and should report for duty and
where accommodation will be arranged
AAA Addsd LT Col FEWTREL repld
~~4th~~ 13th and 15th Field Coy Q 1st Anzac.

From CE 1st Anzac

Place

Time

The above may be forwarded as now corrected.

Censor.

(Z) J. McCarthy Maj

Signature of Addressor or person authorised to telegraph in his name.

* This line should be erased if not required.

225,000. W 14042—M 44. H. W. & V., Ld. 12/15.

MESSAGES AND SIGNALS.

No. of Message.....

Prefix ..... Code ..... m. | Words | Charge | This message is on a/c of: | Recd. at ..... m.

Office of Origin and Service Instructions.

Sent At ..... m. To ..... By .....

..... Service.

(Signature of "Franking Officer.") | Date ..... From ..... By .....

TO { (1) O.C. Cab. Corps c/o 2nd Aust Div (5) Capt Paterson c/o 12th Devons (2) 8th Field Co ab (6) 4th Pioneer Bn (Detachment) (3) 15th Field Co ab c/o D.T.O. Longueval (4) O. 1st Anzac }

Sender's Number.	Day of Month.	In reply to Number.	
* 327/53	10 Nov.	16	AAA

From lowmow yow will be
C.E. Circuit aaa The following Labour
Has been placed at your
disposal aaa 5th Pioneers Batt'n
Two companies 4th Pioneers Batt'n
Devons Labour Batt'n one Batt'n from
from 1st Division and one
second Aust'n Division all for works on Tours
8th Field Coy and one Section 15th Field
Coy for Cons and sidings aaa Please
inform Division and C.E. when and where
these parties should report and where
accomodation will be provided AAA Added
Lt Col Carey repld 8th and 15th Field Coys.
O 1st Anzac Capt Paterson 4th Pioneer Bn
Detachment c/o D.T.O. Longueval

From C.E. 1st Anzac C.E.
Place
Time 3.40p.

The above may be forwarded as now corrected.

Censor.

(Z)

Signature of Addressor or person authorised to telegraph in his name.

* This line should be erased if not required.

225,000. W 14042—M 44. H. W. & V., Ld. 12/15.

MESSAGES AND SIGNALS.

No. of Message.....

Prefix ..... m. | Words | Charge | This message is on a/c of: | Recd. at ..... m.

Office of Origin and Service Instructions.

Sent At ..... m. To ..... By .....

..... Service.

(Signature of "Franking Officer.") | Date ..... From ..... By .....

TO { O.C. Detachments 4th Aust Pioneer Bn C.E. 8th Field Co O. 1st Anzac }

HEADQUARTERS, 1ST ANZAC No. G384

Sender's Number	Day of Month	In reply to Number	
* 327/53/2	10 IVov	16	AAA

Please cancel my 327/53 dated
10 inst AAA Added OC Detch 4th
Aust Pioneers repld O 1st Anzac

From C.E. 1st Anzac C.E.
Place
Time 6.10p

The above may be forwarded as now corrected.

Censor.

(Z) C. H. P. Mitchell-Thomas

Signature of Addressor or person authorised to telegraph in his name.

* This line should be erased if not required.

(A1) O. Ltd., London— W.14042/M.44. 150,000 Pads. 12/15. Form C.2121.

MESSAGES AND SIGNALS.

Prefix..... Code.....m.
Office of Origin and Service Instructions.

Words / Charge

Sent
At.....m.
To.....
By.....

This message is on a/c of:
.....Service.
(Signature of "Franking Officer.")

No. of Message.....
HEADQUARTERS, 1ST ANZAC.
Recd. at 9.38 m.
Date.....
From.....
By.....

TO { ~~OC 4th Pioneer Bn~~ / ~~CE Corps Tps 2 Aust Div~~ / ~~Major Waters Quarry Sutzy~~ — DTO Longueval / Q 1st Ausas

Sender's Number	Day of Month	In reply to Number	
* 327/55	10 Nov 16		AAA

Distribution of work will be as under Company leavy. Ammunition This Company immediately AAA DTO LONGUEVAL from Two Companies Carey whom line Two Companies AAA Added Col Carey Major Waters Q 1st Ausas

your until follows Major at is One transferring to Companies under Circuit regarding work should 4th Pioneers Bln

Battalions further AAA WATERS Quarry to Company leavy Decauville Lieut roads place of be DTO Longueval

for notice One offloading AAA move under ammunition AAA Col from And Here obtained repld

From CE 1st Ausas
Place
Time Q 6.45p

The above may be forwarded as now corrected.
Censor.

(Z) Signature of Addressor or person authorised to telegraph in his name.

* This line should be erased if not required.

(A1) O. Ltd., London— W.14042/M.44. 150,000 Pads. 12/15. Form C.2121.

Copy

e of Origin and Service In
By
(Signature of "Franking Officer.")
d. at.....
Date.....
From.....
By.....

TO { C. R E / 1st Aust. Division

Sender's Number	Day of Month	In reply to Number	
* 327/58	11/11/16		AAA

Reference to units your division to relieve those under CEs orders One Field Coy relieves 4th Field Coy BN Decauville AAA Location 4th Field Co S22 Central aaa One Field Coy relieves 13th Field Coy at MAMETZ on hutting under C R E Corps Troops aaa 2 Coys Pioneers relieve 2 Coys 4th Pioneers on roads under orders CRE Circuit aaa One of remaining Coys four Pioneers relieves Coy under major WATERS advanced Q at Quarry other relieves 1 Coy unloading Ammunition on BAZENTIN — LONGUEVAL ROAD aaa Detailed orders follow aaa Please advise which field Coys relieve 4th and 13th.

Copy to Q 1st Ausas 12/11/16.

From CE 1st Ausas
Place
Time

The above may be forwarded as now corrected.
Censor.

(Z) (Sd) J. McCorkell Major
Signature of Addressor or person authorised to telegraph in his name.

* This line should be erased if not required.

(A1) O. Ltd., London— W.14042/M.44. 150,000 Pads. 12/15. Form C.2121.

MESSAGES AND SIGNALS.

No. of Message

Charges to Pay: £ s. d.

Office Stamp.

HEADQUARTERS 1st ANZAC TELEGRAPHS 13 NOV 16

5/28

Service Instructions.

Handed in at Anzac Phone Office 7 m. Received 4.16 m.

TO 1st Anzac Corps

Sender's Number	Day of Month	In reply to Number	
A. Road 1	13-11-16	AAA 694	AAA

No not all of them
aaa 16th Bn from R
area supplied only 460
men out of total strength
of about 800 remainder being
further back aaa 4 Corps
22nd West forks and 2½
Corps 37th Royal Fusiliers on
Roads aaa Half Coy 37th Royal
Fusiliers transhipping alone at ALBERT
aaa 1 Coy Royal Fus.
away with 3rd Corps aaa
1 Coy 2nd Lab Bn
on other Corps work aaa

copies this day Coy

1st Anzac CRE A Road
1st Anzac

TIME & TIME

W[illegible] M437 500,000 Pads. H W V 5/16 Forms, C.2123.

AWM26