

ACC

AC 29

10000/148/1703

LINE 87 (ORT)

MAY - DEC. 1945

0922

0/148/1703 LINE 87 (ORTE FALCONARA)
MAY-DEC. 1945

FILE.

Subject: Bridges Line 87.

Reference telephone conversation Major Buckley/Lt Tayler of 121605A, it was agreed that Major Buckley would endeavour to arrange for the use of an M.R.S. crane, through Lt Col McKurdo, to be available to the I.S.R., Ancona Compartimento, during the first two weeks of January, 1946, for use on the following three bridges:-

AC/87/1007	Spoletto	at Km. 140 + 30
AC/87/1005	Albacina	at Km. 209 + 84
AC/87/1003	Serra	at Km. 236 + 18

san
Quirico

William R. Tayler
Lt., R.E.

5491

A.S. To. 4
 c/o S.A. 1 Office
 501077
 13 December 1945

To : Maj. Morgan,
 Chap. 3rd Arizona Division.

Subject: Crane for Bridge Lane 87.

Reference telephone conversation Major Buckley/Lt. Taylor
 on 12 December 1945, at 1500 hrs. It was agreed that Major
 Buckley would endeavour to arrange for the use of an A.S. 2.
 crane, through Lt. Col. Roberts, to be available to the I.L.A.,
 Arizona Department, during the first two weeks of January
 1946, for use on the following three bridges:

AC/87/1007 Spolito at Km. 140 + 30
 AC/87/1005 Albacine " Km. 109 + 34
 AC/87/1003 Serra T. Mirice at Km. 136 + 13

(Sgt. E.S.)
 5/10/46

Copy to : Major S.A. Buckley, R.E.

5/10/46

TRANSLATIONFROM : SORVEGLIANTE FOSSATO LINE 87

TO : WORKS SECTION - ISR - ANCONA -

6 Nov. 45

WAGON No. 1050187 SHUNTED HERE SINCE THE 30th OCT. -
 MATERIAL LABELLED TO Maj. MOLE A.C. WITH DESPATCH ORDER M.497A.
 DATED 25 OCT.

CAN YOU GIVE INSTRUCTIONS?

5489

10 Nov. 49 LST to Fossato.

SORVEGLIANTE DE GUONIERMI

MINISTERO DEI TRASPORTI
FERROVIE DELLO STATO

DISPACCIO DI SERVIZIO

In partenza, in arrivo od in transito

STAZIONE di

RICEVUTO da	116	10.14	TRASMESSO a	11	10.14
per Circuito	4931	all'impiegato	Pergolotti	Circolo N.	dal Compagno
Indirizzo di provenienza e categoria	DESTINAZIONE	PROVENIENZA	NUMERO	DATA DELLA PRESENTAZIONE	ORA E MINUTI
		Fossato	316	6	10-

CS Falconara p. n. Ter. Mov. e Lombr.

Ancone.

Giacente dal giorno 30 carico
materiale nr 1030187 indirizzato

Maggior Mole A.C. spegnimento

con 10 h 37 a. nr 253 del 23 -

Date disposizioni

10 pieve LST-L9

for Fossato.

ISR

informa

De Gughelmini

MINISTERO
DEI TRASPORTI

FERROVIE DELLO STATO

RICEVUTA

DEL

DISPACCIO

N. _____

da _____

DATA

il ____ / ____ / 19 ____

5488^{ore}

Firma

MESSAGE FORM

Register No.

ARMY FORM 6-57 (Small)

Call

Set No.

Priority

Transmitted Structure

ABOVE THIS LINE FOR SIGNALS USE ONLY

FROM
(A)

Originator

Date - Time of Origin

O i/c. 330 T.S.D. 61 Area.

17/11

For Action

Major Mole A.C. c/o Signals Office

Ancona.

TO

(W) For Information (INFO)

Tn. Main. Rome.



Message Instructions GR

Originator's No.

O/2/4591 (.) Uncl (.) 163 Tn2 of 3 Nov. refers (.) Wagons
8872 and 413561 containing Larssen Sheet Piling despatched 16 Nov.
to Capo Sesione Lavari c/o Sorvegliante 30 Tronco Chiaravalle Station (.)

5487

THIS MESSAGE MAY BE SENT AS WRITTEN
BY AND MEANS EXCEPT

WIRELESS

IF LIKELY TO BE INTERCEPTED OR TO
FALL INTO ENEMY HANDS, THIS MES-
SAGE MUST BE SENT IN CIPHER

SIGNED

SIGNED

Twich

ORIGINATOR'S INSTRUCTIONS
Degree of Priority

Routine

Time	System	Op
THI TOR		
Time cleared		

Subject : Line 87 - Bridge at 146+235 Km.

To : Capo Sezione Lavori - ISR - Ancona

c/o I.S.R. - Ancona
61 Area - Tel. 2345 -
Date. 8 Sept. 1945 -

Ref. AC/Tn/87/CE 8

In view of the fact that the above bridge is to be reconstructed at the earliest possible date, please arrange for Impresa Garbarino-Sciaccaluga-Mezzacane to carry out the work.

S.J.Mole - Major

RE

A.C.Tn.4

5486

MESSAGE FORM

ARMY FORM 37-1 (Small)

Call

Sel. Tr.

Priority

ABOVE THIS LINE FOR SIGNALS USE ONLY

FROM
(X)

O i/c. 330 T.S.D. 61 Area.

Date - Time of Origin

17/11

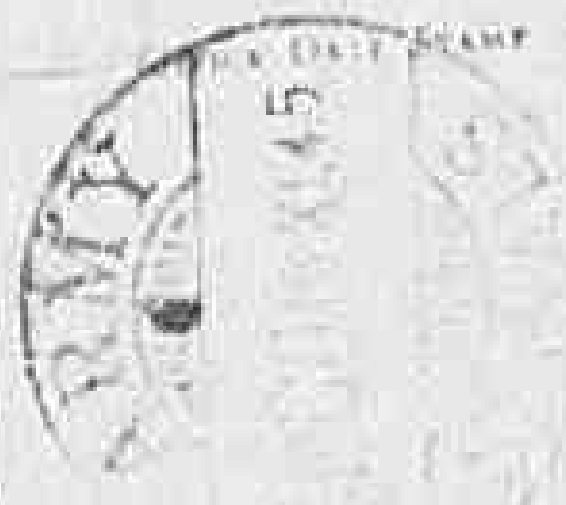
Major Mole A.C. c/o Signals Office

Ancona.

TO

(W) For Information (INFO)

Tn. Main. Rome.



Message Instructions GR

o/2/4591 (.) Uncl (.) 163 Tn2 of 3 Nov. refers (.) Wagons
8872 and 413561 containing Larssen Sheet Piling despatched 16 Nov.
to Capo Sezione Lavori c/o Sorvegliante 30 Tronco Chiaravalle Station (.)

THIS MESSAGE MAY BE SENT AS WRITTEN
BY ANY MEANS EXCEPTIF LIABLE TO BE INTERRUPTED OR TO
FALL INTO ENEMY HANDS, THIS MESSAGE
MAY NOT BE SENT IN CIPHERCOMBINATIONS & INSTRUCTIONS
LITERS OF PREVIOUS

SIGNED

Twich

SIGNED

Laine

Time	System	Op.
THI TOR		
Time cleared		

0030

Mr. MOORE, A.C.
of [unclear] Office
[unclear]

52

Subject : Line 87 - Bridge at 146+235 Km.

To : Capo Sezione Lavori - ISR - Ancona

c/o I.S.R. - Ancona
61 Area - Tel. 2345 -
Date. 8 Sept. 1945 -

Ref. AG/Tn/87/CE 8

In view of the fact that the above bridge is to be reconstructed at the earliest possible date, please arrange for Impresa Garberino-Seisecoluggi-Monzacane to carry out the work.

B.J. Role - Major
RE
A.O.Tn.4

5486

0933

487 *DR*

MWRU V MABA SRLS 208/9 QIM

FROM TN MAIN ROME 05 NPT

TO 330 TSD 61 AREA

INFO MAJOR MOLE A.C. C/O SIGNAL OFFICE ANCONA

GR26 BT

289 TN2 UNCLASSIFIED . YOUR 0/2/4591 OF 02 . LARSEN

SHEET STEEL PILING FOR JOB BRIDGE LINE 87 AT KM. 278.1236 .

ARRANGE TO CUT AS NECESSARY TO MEET REQUIREMENTS

BT 1630A

SENT SRLS 208/9 GWV BE3

5485

1825

0933

Maj Moh
Signal Office
Arizona
5/487.

(791)

ARMY FORM 37-16 (Small)

MESSAGE FORM

Register No.

Call	Spl. No.	Priority	Transmission lot	lots
104/428 ABOVE THIS LINE FOR SIGNALS USE ONLY				
FROM (AT)	Originator	Date - Time of Origin	Cipher Data Stamp	
	O i/c 330 TN STORES DEPOT	2/10		
For Action				
To. Main. Room.				
TO	(W) For Information (INFO)	Message Instructions		
	Major Hole o/o Signed Office Ancona.	GR		

Originator's No.

c/2/4591 (.) Uncl (.) Your 83 Tn2 (.) Can supply as follows (.)
 A (.) 1st Lieu 14 ft lengths (.) 58 Nos 30 ft (.) B (.) 90
 degree corners 3 Nos 45 ft lengths (.) C (.) 140 degree corners
 (.) Type Ba 135 degree 6 Nos. 45 ft lengths (.)

THIS MESSAGE MAY BE SENT AS WRITTEN
BY ANY MEANS EXCEPT

WRITTEN

SIGNED

J.C. Alms

IF THERE IS A POSSIBILITY OF
FALL INTO ENEMY HANDS, THIS MES-
SAGE MUST BE SENT IN CIPHER

SIGNED

ORIGINATOR'S INSTRUCTIONS
DEGREE OF PRIORITY

104/428

Time	System	Op.
THI or TOR		
Time Elapsed		

0435



166

May Mole
To Signal Office
2/428 answer

ARMY FORM 02136 (S0041)

MESSAGE FORM

Register No.

Call

Srl. No.

Priority

Transmission Instructions

ABOVE THIS LINE FOR SIGNALS USE ONLY

FROM

(A)

MAJOR HODG

c/o EX 1.3.3.1 - ANCONA
Signal Office - ANCONA

Date-Time of Origin

30 SEPT.

OFFICE DATE STAMP

For Action

To

O 1/c 330 T.S.T. - FALCOPARA

(W) For information (INFO)

Message Instructions - GB

Originator's No.

AMC/30/1 (.) UNCL (.) REFERENCE YOUR O/3/572 (.) HAVE ARRANGED MAJOR
WILKINS 192 R.O.C. TO SEND R.S.J.'s FROM SPOLFO TO CIVITANOVA MARCHETHIS MESSAGE MAY BE SENT AS WRITTEN
BY ANY MEANS, EXCEPT WIRELESSIF LIABLE TO BE INTERCEPTED OR TO
FALL INTO ENEMY HANDS, THIS MES-
SAGE MUST BE SENT IN CODEORIGINATOR'S INSTRUCTIONS
DEGREE OF PRIORITY

Time	System	Op.
THU or TOR		
Time cleared		

Signed

MAJOR H.D.

Signed

5483

0937

Mr. 11
Mr.
Gunn
Harley

0938
E.O. 02/365
MURU V NABA 37

FROM TN MAIN ROME 220920

TO MAJOR MOLE A C C/O SIGNAL OFFICE ANCONA

GR38

787TNA4 . UNCLASSIFIED . REF YOUR ANCO/21/4 DATED 21 SEPT . R.S.J'S.
NOT AVAILABLE 330 TSD . BEING ~~DEPARTING~~ DESPATCHED FROM 333 TSD TO 330
TSD WHO HAVE INSTRUCTIONS TO RELEASE TO YOU . CONTACT 330 TSD DIRECT
AND ARRANGE ONWARD MOVEMENT TO CIVITANOVA MARCHE

BT

SENT WHM BB K

RD 1450 A E T AR TKS



5182

ARMY FORM C2136 (N0091)

MESSAGE FORM

Register No.

Call

Srl. No.

Priority

Transmission Instructions

ABOVE THIS LINE FOR SIGNALS USE ONLY

FROM
(A)

MAJOR JOSE

c/o L.S.R. - Ancon

SIGNAL OFFICE

For Action

Date-Time of Origin

21 SEP.

Office Data Stamp



Message Instructions - GR

To

Tn. (Br.) MAIN

(W) For Information (INFO)

P.S.S. (B) 1100/1100M x 100/100

Originator's No.

ANC/21/4 (.) RESTRICTED (.) FOR MARRIAGE Tn. 4 (.) REFERENCE TOUR 553 Tn2
 (.) NO DISPATCH DETAILS OF NO. 2 R.S.J.B. 24 INCH BY 7 INCH BY 24 FEET
 RECEIVED (.) PLEASE ORDER JOISTS TO BE DELIVERED DIRECT TO CECCHETTI
 FACON FORKS CIVITANOVA MARCHE

THIS MESSAGE MAY BE SENT AS WRITTEN
 BY ANY MEANS, EXCEPT WIRELESS

IF LIABLE TO BE INTERRUPTED OR TO
 FALL INTO ENEMY HANDS, THIS MES-
 SAGE MUST BE SENT IN CODE

ORIGINATOR'S INSTRUCTIONS
 DEGREE OF PRIORITY

5481
 IMPORTANT

Time	System	Op.
THI or TOR		
Time cleared		

SIGNED

MAJOR R.S.

SIGNED

A circular postmark from the Army Signal Corps. The text "ARMY" is at the top, "SIGNAL CORPS" is at the bottom, and "AUG 15 1945" is in the center.

FROM TV MAIN PHONE - 13

TO 333 TSD CASTEL NAGGIORR 217 AREA

INFO :-/MAJOR MOLE 6/0 SIGNAL OFFICE ANCONA/ - 334 TSD

5739

553TN2 .UNCLASSIFIED . REFERENCE 330 SIGNAL 0.24 OF 14 COPY TO YOU .

TRANSFER TO 336 TSD R.S.J'S 24 INCH BY 7 INCH BY 24 FT NOS. 2 .

THESE FOR USE ON JOB 87415A . IF AVAILABLE SIGNAL DISPATCH BOX

DEBATCH, DETAILS ALL CONCERNED .

[illegible]

1917395

MITCHELL AD NKK •

5490

Maj. Mole.
C/O SIGNAL OFFICE
ANCONA

585

230

MESSAGE FORM

FORM 10-1 (Rev. 1-54)

CLASS

SYMBOL

PRIORITY

TYPING INSTRUCTIONS

ABOVE THIS LINE FOR SIGNALS USE ONLY

FROM

O i/c 330 TN. STORES DEPOT

11/9

TO: (Name)

Tr. Main. Room.

TO

(Name) For (Name) (Name)

Major Hole q/o Signal Office Ancona.

G 1/c. 333 T.S.D. Castel Maggiore 217 Area.

Originator's No.

0/24 (.) Uncl (.) Your 349 T&2 of 11 (.) All stocks (.) have only few short lengths 2 1/2 ins x 7 1/2 ins A.S.J. which are now being dispatched 325 T.S.D. (.) Unit 335 T.S.D. supply (.) also required 2 1/2 ins x 7 ins x 2 1/2 ft (.)

THE MESSAGE MAY BE SENT AS WRITTEN
EXCEPT

IF IT CANNOT BE SENT IN FULL INTO ENEMY HANDS, THE MESSAGE MUST BE SENT IN CIPHER

ORIGINATOR'S SIGNATURE
(In case of cipher)

TIME

SYSTEM

THAT 10/11

Time (date)

SIGNED

J.C. Lewis

SIGNED

Rowing

896



Mjt MOAE
-15R
ANCONA

14/4/66

MINISTERO DEI TRASPORTI
FERROVIE DELLO STATO

COMPARTIMENTO DI ANCONA - SEZIONE LAVORI
=====

LINEA ORTE - FALCONARA

Ponte sul torrente TESINO al km. 140 + 298.

TESINO BRIDGE

Composizione e tipo delle travi provvisorie.

=====

COMPOSITION AND TYPE OF PROVISIONAL GIRDERS

1° CAMPATA :

N° 4 travi - altezza m. 0,46 ^{1'6" 1/2}
larghezza ali m. 0,30 ^{12"}
lunghezza m. 7,05; 7,15; 7,45 e 7,65.
----- ^{23' 23' 23' 23'}

2° CAMPATA :

N° 4 travi - altezza m. 0,46 ^{1'6" 1/2}
larghezza ali m. 0,30 ^{12"}
lunghezza m. 6,80; 6,70; 6,70 e 6,75.
----- ^{22' 22' 22' 22'}

3° CAMPATA :

N° 4 travi - altezza m. 0,46 ^{1'6" 1/2}
larghezza ali m. 0,30 ^{12"}
lunghezza m. 8,00; 8,00; 8,00; 8,00.
----- ^{25' 25' 25' 25'}

4° CAMPATA :

N° 4 travi - altezza m. 0,76 ^{2'5" 3/4}
larghezza ali m. 0,32 ^{11"}
lunghezza m. 13,70; 13,60; 13,55; 13,65.
----- ^{45' 45' 45' 45'}

5° CAMPATA :

N° 4 travi - altezza m. 0,46 ^{1'6" 1/2}
larghezza ali m. 0,30 ^{12"}
lunghezza m. 7,06; 7,20; 7,68 e 7,57.
----- ^{23' 23' 23' 23'}

5/78

LINEA CRTE - FALCONARA

TESINO BRIDGE

Ponte sul torrente TESINO al Km. 140 + 238.

Composizione e tipo delle travi provvisorie.

COMPOSITION AND TYPE OF PROVISIONAL GIRDERS

1° CAMPATA :

N° 4 travi - altezza m. 0,46 ^{1'6" 1/16}
 larghezza ali m. 0,30 ^{12"}
 lunghezza m. 7,05; 7,15; 7,45 e 7,65.
 ----- ^{23' 23' 4" 1/4 24' 3" 1/4 25' 2"}

2° CAMPATA :

N° 4 travi - altezza m. 0,46 ^{1'6" 1/16}
 larghezza ali m. 0,30 ^{12"}
 lunghezza m. 6,80; 6,70; 6,70 e 6,75.
 ----- ^{21' 4" 22' 22' 22' 22"}

3° CAMPATA :

N° 4 travi - altezza m. 0,46 ^{1'6" 1/16}
 larghezza ali m. 0,30 ^{12"}
 lunghezza m. 8,00; 8,00; 8,00; 8,00.
 ----- ^{25' 3" 25' 3" 25' 3" 25' 3"}

4° CAMPATA :

N° 4 travi - altezza m. 0,76 ^{2'5" 5/16}
 larghezza ali m. 0,32 ^{11"}
 lunghezza m. 13,70; 13,60; 13,55; 13,65.
 ----- ^{45' 45' 7" 1/4 44' 5" 1/4 43' 9" 7/16}

5° CAMPATA :

N° 4 travi - altezza m. 0,46 ^{1'6" 1/16}
 larghezza ali m. 0,30 ^{12"}
 lunghezza m. 7,06; 7,20; 7,68 e 7,57.
 ----- ^{23' 2" 23' 2" 25' 2" 1/4 24' 10" 1/4}

V. M.

Subject : Job Number Allocated.

Military Railway Service,
C.M.F.

Tel : Firebox 2351.

Outside Line B43476.

Ref : In.A.4/57.

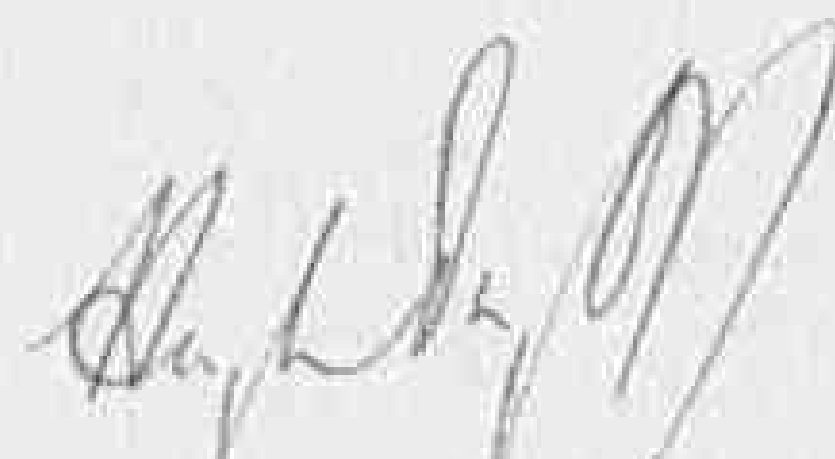
11 September 1945.

To : Major Mole, A.C.
s/c Signal Office, ANDORA.

Copy to : D.D.M.R.S.
H.Q. 3 Tn. Stores Group, R.E.
Tn. 3.
Tn. (F).

The following job number is allocated :-

57/15A - Additional repairs to bridge at Km. 146.235.



(H. INGLIS), S/Captain,
for Director,
Director, Military Railway Service.

Low 17 file

5477

Subject : LINE 87 - bridge at 276.1235 Km. near
Chiaravalle over River Esino

c/o I.S.R. - Ancona
 61 Area - Tel. 2345
 Date. 11 Sept. 45

Ref. AG/Tn/87/CE ⑦

To : Lt. Col. Street -
 AG Tn. Sub-Commission.

1. During last winter considerable scour took place on the third pier from the Falconara end of the above bridge and same was displaced out of the vertical several inches.
2. I.R.C.E.4 carried out protection works by sheet piling round the pier in question, as it was found that this bridge previously built by a M.K.S. Unit has very shallow concrete foundation.
3. This bridge has recently been examined by the writer at the request of the I.S.R. Ancona Division and it is evident that scour is now taking place around two further piers.
4. It is therefore proposed that these piers should first be protected by sheet piling and then underpinned as required.
5. For this work the following sheet piling is necessary and the release of same is therefore requested.

No. 176 13 ft long (width approx. 16 inches)
 No. 8 90 degree special corner pieces 14 ft long.
 No. 16 140 degree special corner pieces 14 ft long.

6. The estimated quantity of cement that will be required is 125 Tons. This will be taken from the allotment for "small works".

*By this correct
 152 tons 125 T
 9/10 14/10*

E.H.
 E.J. Hole - MAJOR
 A.C. Tn. 4

5/78

Subject : Declaration

TO WHOM IT MAY CONCERN

c/o I.S.R. - Ancona
61 Area - Tel. 2345
Date, 11 Sept. 45

Ref. AG/Tn/37/33 (5)

1. This is to certify that the Firm of GAMBARINO-SULASTALGA-MEZADAKE are at present carrying out on the orders of Military Railway Service the reconstruction of ten large railway bridges on the Italian State Railways on Line 86 North and Line 87.

2. Under the terms of the contracts, the contractor must supply all plant, timber etc. that is required for the execution of the work, and the work is to be finished by the 31st of October.

3. It is understood that this firm owns considerable stocks of timber which are required for the work in hand, and it is stated by the firm that these stocks are at present frozen at Vipiteno e Le Caxe.

4. It is therefore requested that, if this firm's statements are correct, that the release of the timber for these important works be granted.

EJL
E.J. Mole - Major
RE
A.C. Tr. 4

5475

Subject: LINE 87 - Wash out at Bridge at

146.235 Km.

To: Lt. Col. Street -

as in Sub-Commission -

c/o I.B.R. - Ansonia
51 Area - Tel. 2145
Date. 11 Sept. 45
Ref. AG/Th/87/CS 5

1. A wash out of the above bridge was reported at 2.45 hrs. 5 Sept.
2. Immediate steps were taken and temporary repairs using sleeper cribs rail clusters and stone filling were carried out to allow the line to be opened to traffic at 10.00 hrs. on 5 Sept.
3. Bridge was formerly a reinforced concrete structure flat deck type of 6 meters clear span and was blown up by Germans.
4. W.R.S. units when repairing the line completely filled in the breach leaving no passage for flood water.
5. The bridge is situated at the lowest point of a natural drainage area in times of heavy rain and it is essential a new structure be built.
6. Drawings have been completed for a new bridge. For quickness of construction, in view of the fast approaching wet season, brick faced concrete filled abutments and a steel fabricated deck will be constructed. It is anticipated that the original foundations can be re-used, but a new invert will be provided.
7. Three reliable firms of contractors have already been invited to tender for the work and the contract will be awarded on 12 Sept.
8. The temporary work for the reconstruction has been already commenced and steel recovered from the Meturo Bridge on Line 86 North will be used.
5/17/45
9. For the permanent reconstruction 50 tons of cement will be required. This is in addition to the amount already requested for the current month. Also for the new deck No. 2 lengths each 24 ft long of R.S.J. 24" x 7 1/2 x 95 lbs. will be required. The release of this steel is requested immediately so that the fabrication of the deck can be carried on simultaneously with the site work.
It is anticipated that other smaller sections of steel for bracing etc.

sleeper cribs rail clusters and stone filling to allow the line to be opened to traffic at 10:00 hrs. on 8 Sept.

3. Bridge was formerly a reinforced concrete structure flat deck type of 6 meters clear span and was blown up by Germans.
4. M.R.B. units when repairing the line completely filled in the breach leaving no passage for flood water.
5. The bridge is situated at the lowest point of a natural drainage area in times of heavy rain and it is essential a new structure be built.
6. Drawings have been completed for a new bridge. For quickness of construction, in view of the fast approaching wet season, bridge of concrete filled substructure and a steel fabricated deck will be constructed. It is anticipated that the original foundations can be re-used, but a new invert will be provided.
7. Three reliable firms of contractors have already been invited to tender for the work and the contract will be awarded on 12 Sept.
8. The temporary work for the reconstruction has been already commenced and steel recovered from the Metaro Bridge on Line 86 North will be used.
9. For the permanent reconstruction 50 tons of cement will be required. This is in addition to the amount already requested for the current month. Also for the new deck No. 2 lengths each 24 ft long of R.B.J. 24" x 7 1/2" x 95 lbs. will be required. The release of this steel is requested immediately so that the fabrication of the deck can be carried on simultaneously with the site work. It is anticipated that other smaller sections of steel for bracing etc. can be obtained ex I.S.R. stocks at Aden Loco Depot.
10. It will cause a considerable delay to wait for the required sections of R.B.J. to be recovered from other bridges already in course of reconstruction on Line 86 North.

S.J. Mole - Major

A.C. Th. 4

1943-1944
40 SIGNATURE OFFICE
1944
1945

160



Office translation

Ancona , 28 April 5

To : Major MOSE A.O.Tn.4

Subject : Line 87 - Esino Bridge at 376+536 Km.
Piers underpinning

With reference to my verbal request ,
please arrange to have the following amount of cement
and of LARSEN sheet piles, required for the job on
subject , dispatched to Sorvegliante CERIONI , Province
30° CHIARAVALLE Station.

SHEET PILES

- a) Flat piles , 3,40 m width , 4 mt. in length
Ordinary 16" "4" No. 176
- b) Special piles (corner piles) angle , 90°
4 mt. in length . (14 ft) No. 8
- c) Special piles corner piles angle, 140°
4 mt. in length. No. 16

CEMENT

125 Tons. are required .

The anticipated expenses for the work
are of about 2.800.000 lire.

CAPO AZIONE LAVORI - ISR

Segd. Ing. J. MORGANA
5/17



MINISTERO DEI TRASPORTI
FERROVIE DELLO STATO

COMPARTIMENTO

Ancona 20 Agosto 1945

N. 1. 14000/2° Gr

d. N. _____ d. I. _____

ANCONA
(1) REGIONE LAVORI

OGGETTO

Linea Orte - Ancona
Ponte sull'Esino al Km.
278+336 N.
Consolidamento pile

AL SIG. MAGGIORE MORE

S E D E
=====

Riferendosi alla mia richiesta ver-
bale prego voler disporre per l'invio del seguente
quantitativo di palancole Larsen e di cemento oc-
corrente per il consolidamento delle pile del pon-
te sull'Esino al Km. 278+36 presso la stazione di
Chiaravalle.

1°) PALANCOLE

a) palancole piatte larghe m. 0,40 lunghe m. 4:
N° 176

b) palancole speciali, d'angolo acuto, aper-
tura gradi 89 circa, lunghe m. 4: N° 8

c) palancole speciali, d'angolo ottuso, aper-
tura gradi 140 circa, lunghe m. 4: N° 16

2°) CEMENTO Tonn. 125

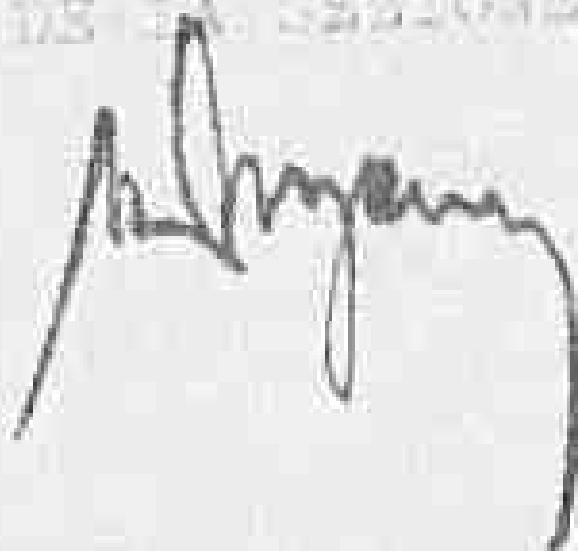
I suddetti materiali dovranno essere spediti

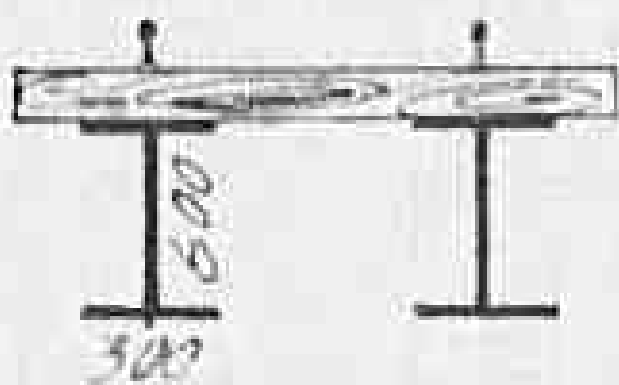
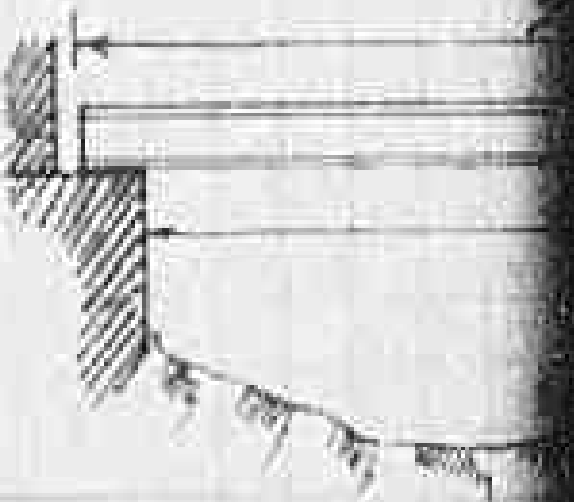
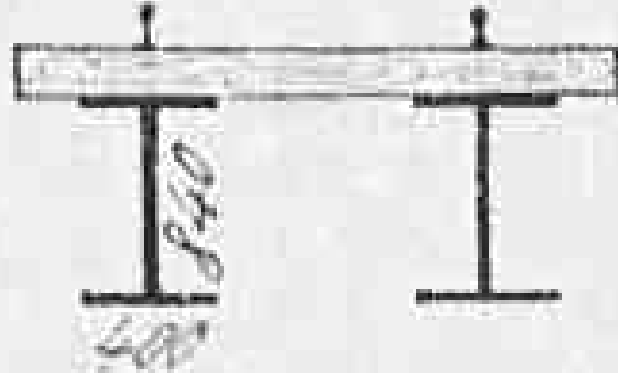
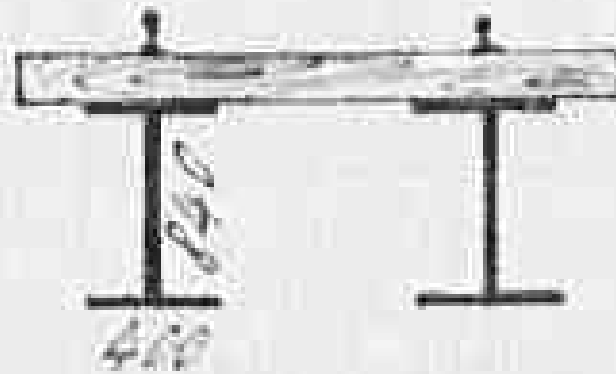
(1) Sezione, Ufficio, Officina, ecc.

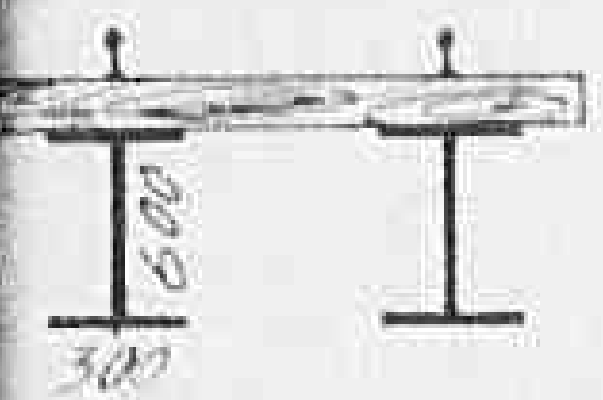
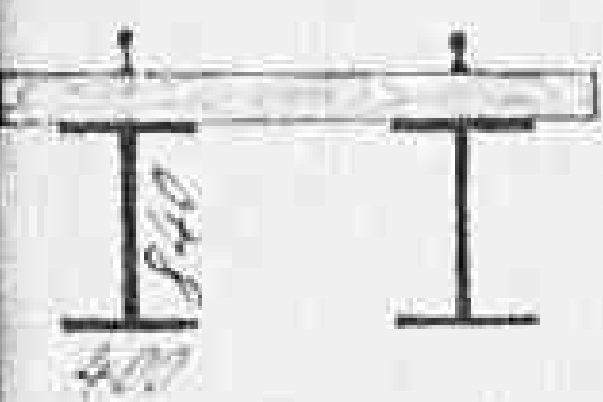
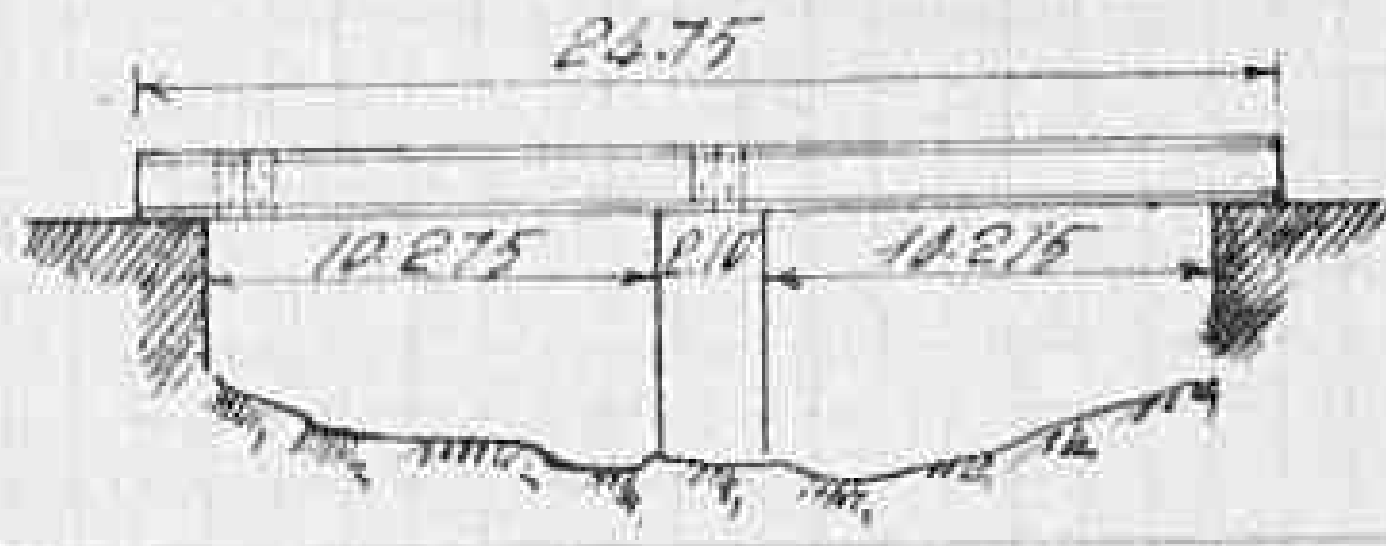
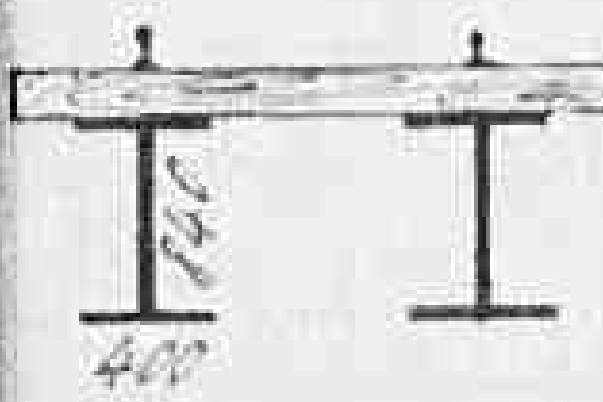
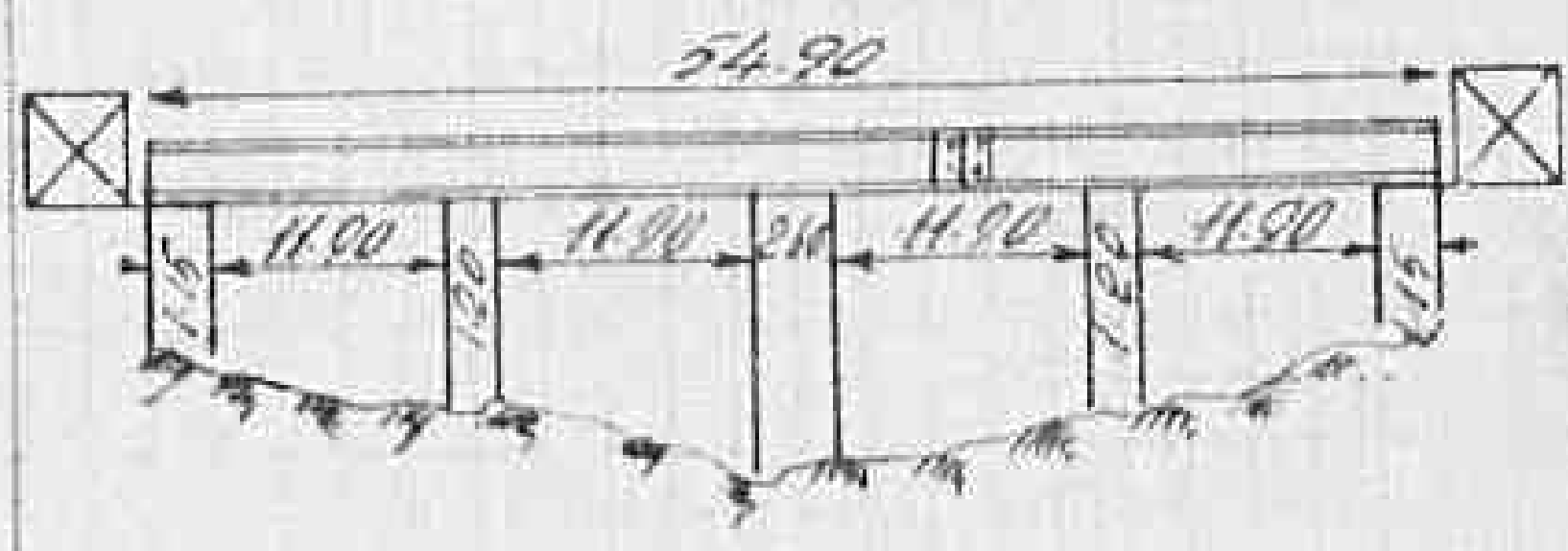
all'indirizzo del Sorve liante linea CRICHI.
Tronco 30° CHIARAVALLE.

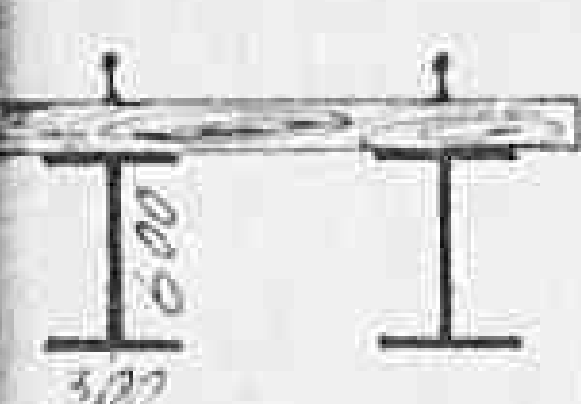
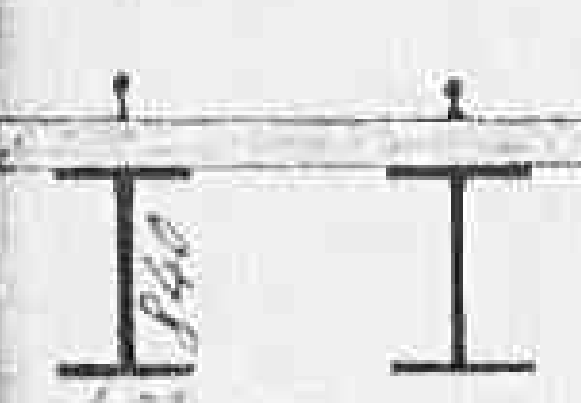
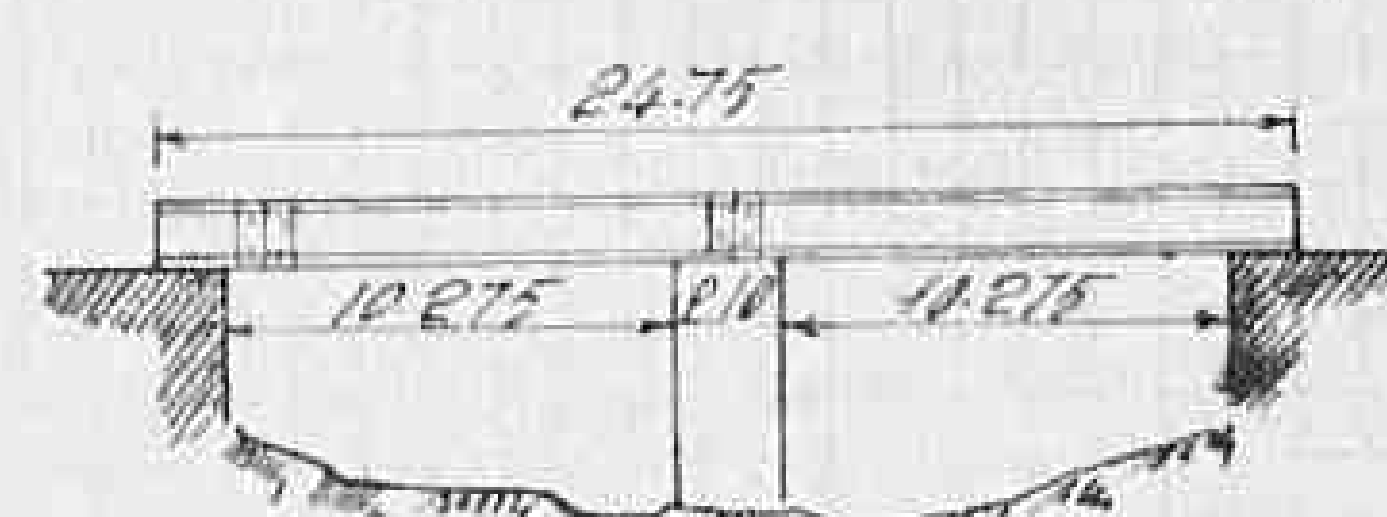
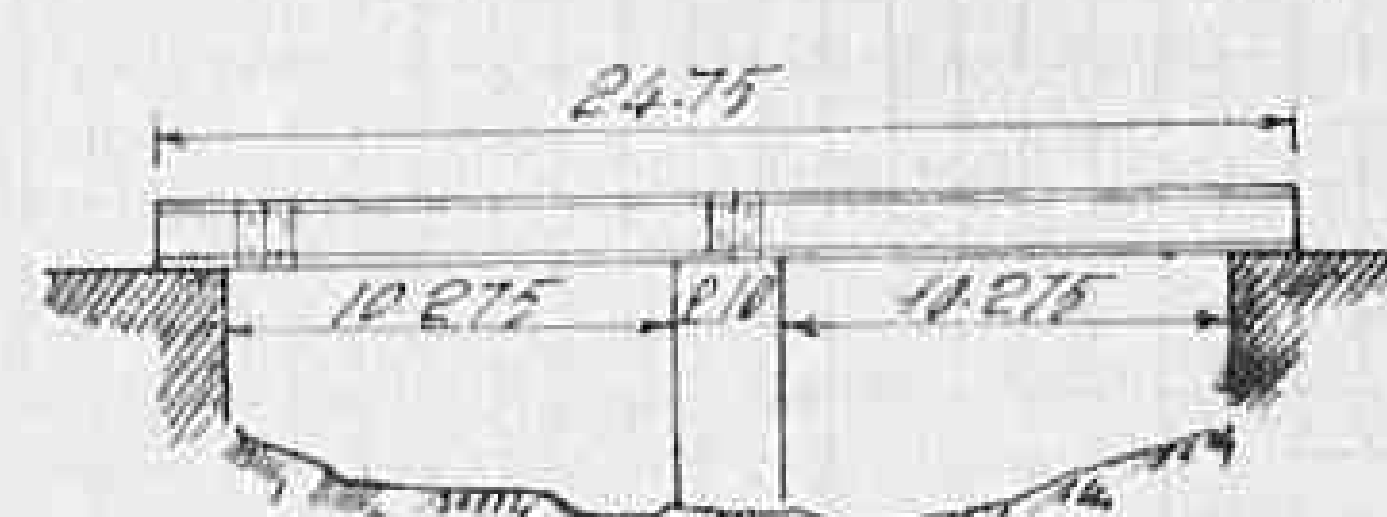
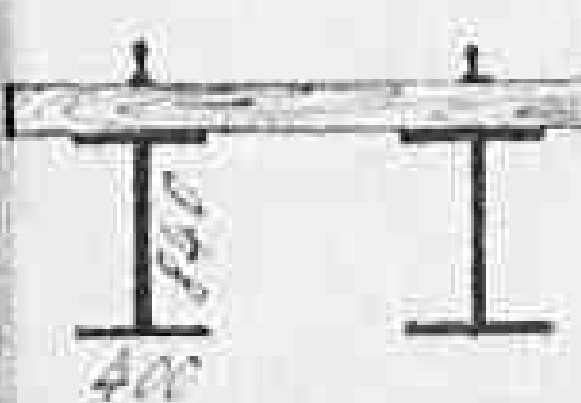
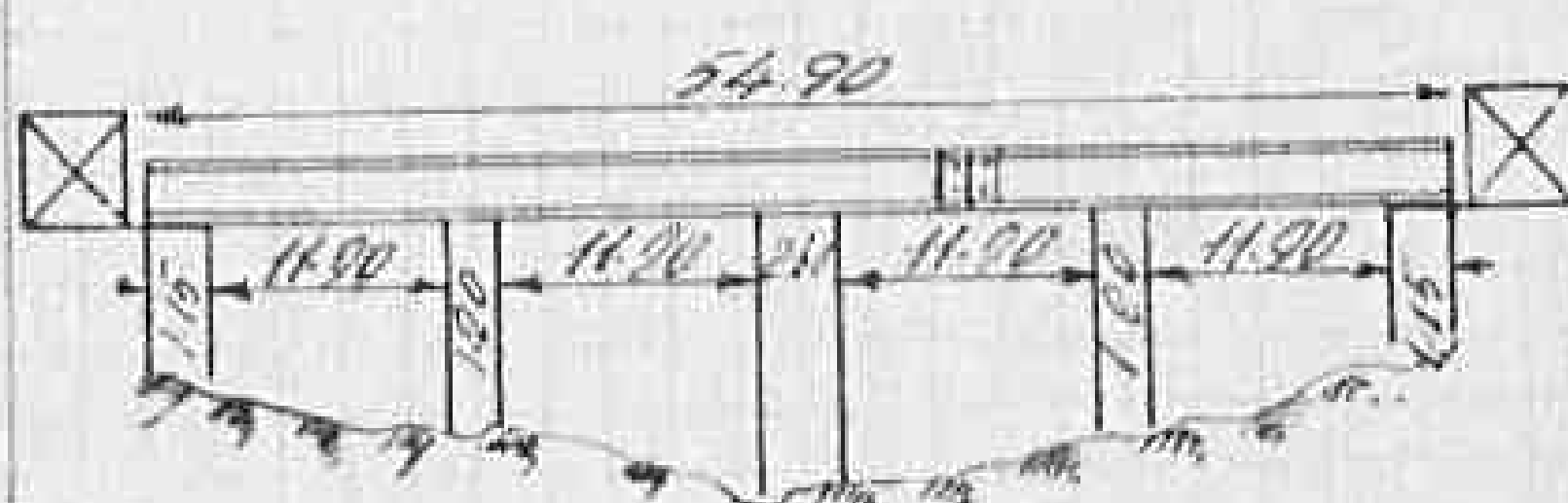
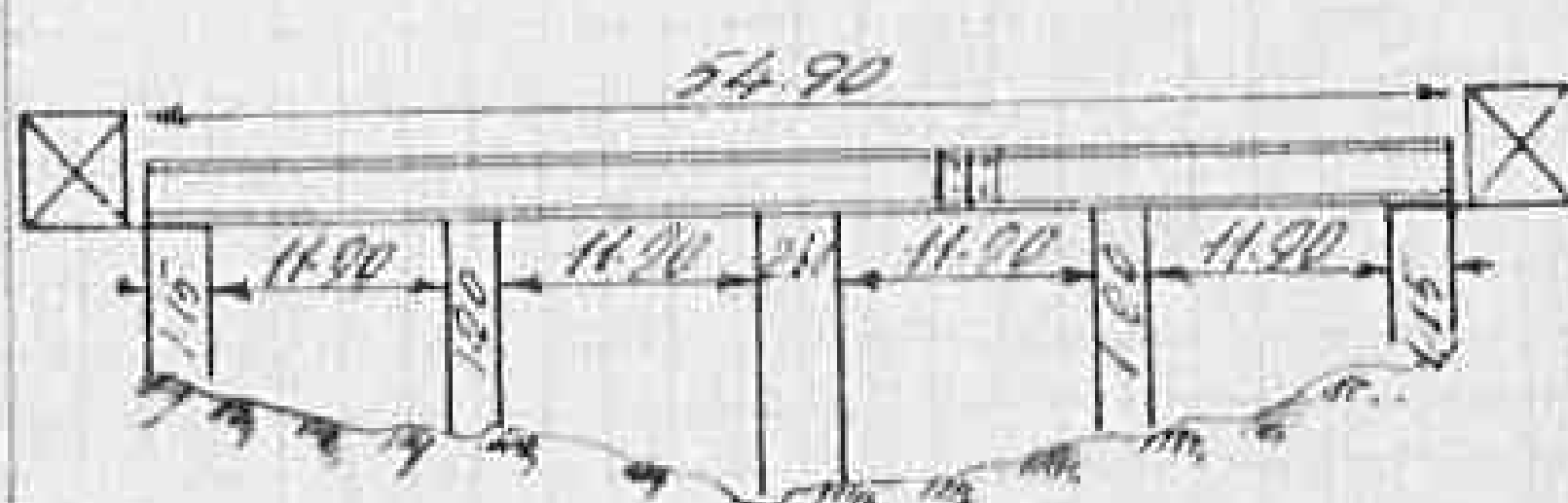
Informo poi che la spesa presentata per i lavori
di scavo, infissione, e formazione delle platee
in calcestruzzo è rivista di L. 2.500.000=

IN CARICIO DELLA SEZIONE LAVORI



Descrizione delle travi	Ponte dove occorre			Ponte dal quale si ricava	Oss
	Disposizione delle travi	Luce netta	Lunghezza travi correnti		
Travi laminato	Linea Giulianova-Teramo Km. 12+547 	4.00	5.40	Linea Rimini-Ancona Km. 143+808 (Fiume Toglio) 	Si ricavano le due travi della mediante taglio 
Travi laminato	Linea Ascoli-Ascoli Ponte al Km. 22+215 (Confrenzi) 	2 luci di m. 10.215 ciascuna	24.75	Linea Rimini-Ancona Km. 159+800 (Fiume Metauro) 	Si ricavano le due travi della e da due travi 
Travi laminato	Linea Ascoli-Ascoli Ponte sul Tevere Km. 25+410 	4 luci di m. 14.90 ciascuna	54.90	Linea Rimini-Ancona Km. 159+800 (Fiume Metauro) 	Si ricavano le della lunghezza taglio di m. 10 

Ponte dove occorre			Ponte dal quale si ricava	Osservazioni
Posizioni delle travi	Luce netta	Lunghezza travi correnti		
Linea Giulianova-Teramo Km. 12+547	4.00	5.40	Linea Rimini-Ancora Km. 143+808 (Fiume Foglia)	Si ricavano le due travi correnti da una trave della lunghezza di m. 14.40 mediante taglio
				
Linea Ascoli-Ancora Km. 22+215 (Chiofenti)	2 luci di m. 10.215 ciascuna	24.75	Linea Rimini-Ancora Km. 159+800 (Fiume Metauro)	Si ricavano le due travi correnti da due travi della lunghezza di m. 14.10 e da due travi della lunghezza di m. 10.65
				
Linea Ascoli-Ancora Ponte sul Tronto Km. 25+400	4 luci di m. 14.90 ciascuna	54.90	Linea Rimini-Ancora Km. 159+800 (Fiume Metauro)	Si ricavano le due travi da due travi della lunghezza di m. 53.25 e dal taglio di m. 165x2 di una trave di m. 10.65
				

Ponte dove occorre			Porte dal quale si ricava	osservazioni
posizioni delle travi	lunghezza	lunghezza travi occorrenti		
Linea Giulianova-Teramo Km. 12+541 	4.00	5.40	Linea Rimini-Ancona Km. 143+808 (Fiume Foglia) 	Si ricavano le due travi occorrenti da una trave della lunghezza di m. 14.40 mediante taglio 
Linea Ascoli-Ascoli Km. 22+215 (Chifrenti) 	2 luci di m. 10.215 ciascuna	24.75	Linea Rimini-Ancona Km. 159+800 (Fiume Metauro) 	Si ricavano le due travi occorrenti da due travi della lunghezza di m. 14.10 e da due travi della lunghezza di m. 10.65 
Linea Ascoli-Ascoli Ponte sul Tevere Km. 25+410 	4 luci di m. 11.90 ciascuna	54.90	Linea Rimini-Ancona Km. 159+800 (Fiume Metauro) 	Si ricavano le due travi da due travi della lunghezza di m. 53.25 e dal taglio di m. 165x2 di una trave di m. 10.65 

0900
MSYU V HABA 101 102 QIM

FROM TN MAIN ROME 021040

TO 122 IND RLY MAINT COY IE ANCONA

INFO MAJOR MOLE C/O ISR 61 AREA

BT

782TNA4 . UNCLASSIFIED . FROM SIMPSON TO STARLEY . MOLE SAYS ~~ISRE~~

ISR ARE NOW NOT REPEAT NOT DISMANTLE GIRDERS DIVERSION FABBYANO .

DISMANTLE GIRDERS WITH YOUR MEN AND ENSURE ISR ~~ISRE~~ BRIDGING GANG

WATCH YOUR WORK . ISR BRIDGING GANG TO DISMANTLE FOLLOWING BRIDGE

BT 021040

SENT WHM B1

Noted LFM
File Line 82

42



5469

ARMY FORM 1210 (Rev. 1-54)

MESSAGE FORM

Register No. 121

ABOVE THIS LINE FOR SIGNALS USE ONLY

FROM
(A)

O 1/c. 330 T.S.D. 81 Area.

Date-Time of receipt
24/7

For Action

Major Mole AC. Ancona.

TO

(W) For Information (INFO)



Message Instructions

CR

0/2/4180 (.) Restd (.) Signal received from Tn. Main.
 380 Tn2 not to you (.) Authorising release 230 Nos.
 10 ft lengths sheet steel piles for Job 87/52 (.)
 These are to be cut from 30 ft lengths (.) Please
 inform this depot earliest as to arrangements made by
 you ref. cutting same (.)

5468

THIS MESSAGE MAY BE SENT AS WRITTEN
BY ANY MEANS (WIRELESS)IF PLAINTEXT IS RECEIVED OR TO
FALL INTO ENEMY HANDS, THIS MES-
SAGE MUST BE SENT IN CIPHERORIGINATOR'S INSTRUCTIONS
PRIORITY OF PRIORITY

Time System Of

THI or TOR

24/7/52

Time cleared

SIGNED

J. C. Lewis

SIGNED

Rondani

Major Mole, c/o Italian State Railways, 61 Area

Further to our signal C.64 of 20th July 46.

Copy

INTER OFFICE MEMO.

Subject : Line 57. Repairs to bridge
over Sentino River at Km.238.73

Tn.A.4/172

20th July 1945.

TO : Tn.2.

1. Urgent repairs are required to make the above bridge safe for next winter.
2. The necessary work will be carried out by contractors under Major Mole of A.C. Tn.Sub-Commission.
3. Would you please arrange to release the following materials urgently : -

Sheet steel piles, each 10' long - No. 230 .

Delivery of the above material should be by rail to Chief of Works Section, I.S.R. Serra San Quirico Station, and Major Mole should be advised of the wagon numbers and date of despatch.

4. This material should be issued out against Job No 87/52.

/s/ (A.F. McMurdo)
Lt.Col. R.E.
A.D.Tn.(Const).

Copy to : AC/Tn. Sub-Commission (Rail)ANC/19/5/dated 19th July,
1945 refers.

66



NOV 11 1976 98

FROM TN INC TN SUB COMMISSION 2011328

TO MAJOR MOLE C/O ITALIAN STATE RAILWAYS 61 AREA

BT

0.05 RESTL . YOUR ANCH/1976 . MES ARRANGING RELEASE

BT 2012423

SENT JGL AR

1943/12

RD NR 92 TOR 1410 HIL AN

5466

TA

C. S. K. H. Hui, *1998, 1999, 2000, 2001*

Subject:- TOPINO BRIDGE AT KM 174 ON LINE 87.

H.Q.No.4 Ind Rly C & M Group I.E.
C.M.F., Dated the 17th July, 1945.

No. 4CMF/122/439.

Capo Sezione Lavori,
I.S.R., Bologna.

Copy to 1. O.C. 122 Ind Rly Maint Coy I.E.
2. Major Mole R.E., I.S.R., Ancona.✓

Ref. Your letter No. LA/9683/2 Gr dated 2/7/45.

In my letter No. 4CMF/122/5738 dated 5/6/45 I informed you that sheet piling and cement were at site and asked you to appoint a Contractor for the work very early.

In your above quoted letter you informed me that you are only now inviting tenders for the work.

It is pointed out that the ^{foundation} ~~formation~~ of the pier is partly scoured out and it is necessary to complete the work very early.

It is requested that you will kindly ensure that the work is expedited and finished as early as possible.

JS Simpson

(J.R. SIMPSON) Lt.Col.R.E.
C.O. 4 Ind Rly C & M Group I.E.

WC

*Not
EPM
File Line 87*

5464

ARMY FORM C2136 (Small)

MESSAGE FORM

Register No.

Call

Sel. No.

Priority

Transmission Instructions

ABOVE THIS LINE FOR SIGNALS USE ONLY

FROM
(A)

Originator

Date-Time of Origin

OFFICE DATE STAMP

MAJOR G.B. C/O I.L.R. 61 AR 2
For Action

TO TH INC

(W) For information (INFO)

- Message Instructions - - GR -

Originator's No.

220/13/1 (.) RESTRICTED (.) FOR STREET A.I. TO SUB CO (.) R.F.M. OF
YOUR 6/45 (.) LINE 37 BORO RIVER BRIDGE AT 225 KM. (.) HAVE INSPECTED
(.) LASHBY STIMOTRE 99' CO PLATED (.) ONLY 3-ALL LENGTHS OF COPING
TO ETC (.) TRACER LAID (.) HIGH BRACKET AT EAST END 95% TIPPED (.)
OVERHEAD ELECTRIC SYSTEM APPEARS TO BE COMPLETED (.) OPERATING
NOTIFIED BRIDGE READY FOR TRAFFIC AS FAR AS CIVIL ENGINEERING SIDE
IS CONCERNED

THIS MESSAGE MAY BE SENT AS WRITTEN
BY ANY MEANS EXCEPT

WIRELESS

IT IS LIABLE TO BE INTERCEPTED OR
TO FALL INTO ENEMY HANDS. THIS
MESSAGE MUST BE SENT IN OTHERORIGINATOR'S INSTRUCTIONS
DEGREE OF PRIORITY

5463

SIGNED

MAJOR G.B.

SIGNED

Time System Op.

TH or TOR

Time cleared

Office translation

ANCONA

1 July 45

To : Major Mole A.C.Tn.4

Subject : Orte - Falconara Line -
Bridge at 238 Km.

Further to our letter L.A.9206/2° Gr.
dated 23 June 45.

Please arrange for the 225 "Larsen"
type Iron girders, requested in the above
quoted letter, to be delivered with most
urgency .

The said girders are required
to protect the existing piers of the above
Bridge against the scouring of the stream .

They are to be despatched to
Assistant Jormetti , Genga - Arcevia Stn.

WORKS SECTION - ANCONA

Sgd. Ing. Morgana

5462



Ministero delle Comunicazioni
FERROVIE DELLO STATO

Ancona, 11-7-1945 Ansa

Al N.

del

(1) SEZIONE LAVORI

(2) ANCONA

MACCHIONE MORE

5461

X L.A./10458/2237.

SUBETTO : Orte - Falcognara

Monte al km. 118.

Si prega di voler inviare il più presto possibile la 1^a 125 palanella larosa lunga di 3 richiami, come da vostro ordine, con la lettera 11/1000, 2^a del 21 giugno per i lavori di protezione delle pile di ormeggio delle traversate all'incrocio al ponte sul Sentino al km. 118 - 595 della linea Orte-Falcognara.

Le palanelle suddette potranno essere spedite all'indirizzo: Amministratore Jannetti SESA-AR-REVERA.

IL CAPO SEGRETERIA SEZIONE LAVORI

5461

(1) Direzione Generale oppure Compartimento di ...

(2) Divisione oppure Ufficio, Stazione di ... Sezione, Magazzino, Deposito

0970
MEMO V MAPA NR. 1

FROM TN INC (TN-SUB COMMISSION)

TO MAJOR MOLE C/O I.S.R. 61 AREA

GR 23 BT.

O/45. RESTD. BONG RIVER BRIDGE KM.225, LINE 37 NOT

INCLUDED IN REPORT. THIS IS INCLUDED IN LETTER TN.A. 4/101

OF 12 MAY. REPORT PROGRESS.

BT 091130R

SEN 1210R

SGR BSB

5480

Office translation

Ancona -

2 July 45

enclosed affixed copy II
A.S.I. - Proval

Ref. LA.9607/2° Gr.

To : O.G. 122 Ind Rly Maint Coy I.E. I.D.W.
Major Mole A.C.Tn.4

Subject : Orte - Falconara Line -
Rio Bono Bridge -

By the 9th of July 45 it will
possible to re-stabilish the train running
over the new Viaduct on the Rio Bono near
Fabriano.

In account of works to be carried
out in the Fabriano Yard regarding
connection of the 1st and 2nd Loops with
the through Line, and owing to the fact that
these works depend on the existing diversion
line running to the provisional steel
girders Bridge, will you please indicate :

1) Whether the said diversion line is
necessary or not for demolition of the
girders and for the loading and transport
of the materials recovered.

2) Who will deal with the removal of the
girders.

3) When the removal will be dealt with.

Your prompt reply would be appreciated.

0972

Office of the Director
Il Capo della Sezione
Lavori - I.S.R.

To : Comandante Ing. Morgana
Major Hole A.C.T.M.

Subject : Gite - Riscossione Line
Rio Bone Bridge -

By the 25th of July 45 it will
possible to re-establish the train running
over the new viaduct on the Rio Bone near
Fabbiano.

In account of works to be carried
out in the Fabbiano yard regarding
connection of the 1st and 2nd loops with
the through line, and owing to the fact that
these works depend on the existing diversion
line running to the provisional steel
bridge bridge, will you please indicate :

- 1) Whether the said diversion line is
necessary or not for demolition of the
bridge and for the loading and transport
of the materials recovered.
- 2) Who will deal with the removal of the
bridge
- 3) When the removal will be dealt with.

Your prompt reply would be appreciated.



MINISTERO DEI TRASPORTI
FERROVIE DELLO STATO

COMPARTIMENTO

di

ANCONA

122 Ind Rly ... Coy = Sede =

(D) SEZIONE LAVORI

OGGETTO

→ Sig. Magg. M. O. L. E = Sede =

Grila - Falconara

Ponte sul RIO BONO

Per il giorno 9 luglio si
Allegato N. ... potrà attivare l'esercizio ferro-
viario sul nuovo viadotto del RIO BONO presso la
stazione di Fabriano.

Perchè in conseguenza si dovranno eseguire alcuni
lavori di armamento sul piazzale di Fabriano per ri-
allacciare la 1^a e 2^a linea di stazione al nuovo bi-
nario di corsa e poichè questi dipendono dalla sop-
pressione dell'attuale binario della deviazione che
conduce attualmente al ponte provvisorio in ferro
si prega indicare:

1^a - Se questo binario della deviazione provvisoria è
necessario per le operazioni di demolizione della
travata e per il carico e trasporto dei materiali
relativi.

2^a - Chi provvederà alla demolizione stessa.

3^a - Quando sarà provveduto alla demolizione stessa.

Gradirei un cortese sollecito riscontro.

IN CARO DELLA SEZIONE LAVORI

[Handwritten signature]

5458

Office translation

Ancona -

2 July 45

Ref. LA./9683/2° Gr

To : * Ind Rly C & M Gp. I.E.

Major Mole A.C.M.4 - ✓

Subject : Line 87 - Bridge at 174+517 Km.

Reference your letter 4 GHP/122/
5738 dated 5 June 1945.

Firms are being invited to tender
for work of pile hammering for the above
bridge. As you are aware, the LARSEN piling
will protect the provisional pier of the
Topino bridge at 174+517 Km. on ~~km~~ Line 87.

Il Capo della Sezione Lavori
I.S.R. - Ancona

Sgd. Ing. Morgana

N.H.
egg

5457


Ministero delle Comunicazioni
VERGENTE DELLA STATA

Ancona, " 2-7-1945 ~~---~~

A. N. 4 C H F/122/5738

del 5 - VI - 945

(1) SEZIONE LAVORI

(2) ANCONA

4° Ind Rly C e M Group I E

→ Maggiore MOLE

N. LA./9683/2° Gr.

OGGETTO: Orte - Falconara- Ponte al Km.174+517

Vi assicuro che è in corso gara di ap-
palto per l'urgente battitura delle palancole
LARSEN a protezione della pile provvisoria
del ponte sul Topino al Km.174+517 della Or-
te - Falconara.

IL CAPO DELLA SEZIONE LAVORI



5456

FC.

(1) Direzione Generale oppure Compartimento di
(2) Divisione oppure Ufficio, Sezione di Sezione, Magazzino, Deposito

Office translation

Ancona 30 June 45

To : Major Mole A.C.Tn.4
 Subject : Line 87 - Cement deliveries -

Herewith is a list of the quantities of cement delivered at
 Fabriano Stn.

Waggon No.	17.65 Tons
77196607	
191925	17.45 Tons
2121	15.002 "
42083	17.7 "
100896	18.95 "
77182114	19

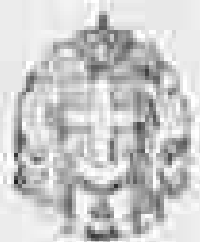
 Total 105.75 Tons.

5435

No. 23 Tons of this cement have been loaded off ~~the~~ at work
 site near the Rivo Bono Viaduct while the remaining 82.75 Tons have
 been stored in our Warehouses at Fabriano.

NMA Ego

WORKS SECTION - ANCONA



MINISTERO DELLE COMUNICAZIONI
FERROVIE DELLO STATO - DIREZIONE GENERALE
ANCONA

Ancona li 30 giugno 1945

N. L.A. 9673/2° Gr.

OGGETTO: Linea Orte-Falconara
Fornitura cemento

MAGGIORE MOLE

S E D E

Per opportuna norma e conoscenza informo che
sono giunti a Fabriano le seguenti quantitativi di cemento :

Carro N.	77196607	Tonn.	17.65
" "	191925	"	17.45
" "	2121	"	15
" "	42083	"	17,7
" "	100896	"	18,95
" "	77182114	"	19
Totale		Tonn.	105,75

Di queste Tonn. 23 sono state scaricate al Viadotto sul torrente Rivo
Bono e le rimanenti 82,75 tonn. sono state depositate nel M.M.G.V. di
Fabriano -

IL CAPO DELLA SEZIONE LAVORI

P.

5454

(Office Translation)

Ancona, 28 June 1945

To : Major Mole AC.Tn 4
 Subject: Line 57 - Cement deliveries.

I inform you about the arrival at Spoleto Stn. of the following waggons loaded up with the below listed quantities of Portland cement:

4 - 6 - 45	Waggon No.	192136.....	16,75	Tons.
" " "	" "	1001268.....	17,35	"
6 " "	" "	77193563.....	16,10	"
7 " "	" "	101121.....	9,95	"
" " "	" "	1000849.....	18,50	"
" " "	" "	1024513.....	9,70	"

 Total.. 88,35 Tons.
 =====

The above quantities of cement in account of lack of stores in the Spoleto Stn. have been sent to Baiano and stored in the Line Heeper's House at 133+622 Km.

WORKS SECTION = ANCONA
 Sgd. Ing. Morgana

Vd. *E.P.D.*

MINISTERO DEI TRASPORTI
FERROVIE DELLO STATO
SEZIONE LAVORI - ANCONA

Ancona 28 Giugno 1945

N° L.A. 9455/2° Gr.

OGGETTO : Linea Orte - Falconara
Arrivo cemento

AL SIG. MAGG. M. C. L. E.

S E D E

Per opportuna norma e conoscenza informo che sono giunti a Spoleto, provenienti da Falconara i seguenti carri di cemento Portland tipo 500:

Il 4 - 5 - 1945	Carro N°	192136	contenente	Tonn.	16,75	di cemento
" " "	" "	1001268	" "	"	17,35	"
6 " "	" "	77193563	" "	"	16,10	"
7 " "	" "	101121	" "	"	9,95	"
" " "	" "	1000849	" "	"	18,50	"
" " "	" "	1024513	" "	"	9,70	"

-----5452
Totale Ton. 88,35

Il cemento di cui sopra per mancanza di locali disponibili in stazione di Spoleto è stato inoltrato a Milano di Spoleto e depositato nella
C.C. Km. 133+ 622.-

ALL CAPO DELLA SEZIONE LAVORI

[Handwritten signature]

Office translation

Ancona - 27 June 45

To : Major Mole - A.C.Tn.4

Subject : Orte-Falconara Line (87) - Cement allocation -

The following quantities of cement have arrived at NARNI Stn.
and have been stored in the I.S.R. premises :

Waggon No.	175142	.....	20	Tons
"	"	55983	.....	15 "
"	"	1022614	.....	19 "
"	"	175960	.....	19 "
"	"	1003070	.....	19 "
"	"	15228	.....	16 "

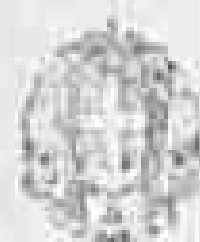
Total 111 Tons.

545

Noted
EGD

WORKS SECTION - ANCONA

Sgd. Ing. Morgana



Ancona 27 giugno 1945

N.L.A. 9453/20 Gr

000010 Linea Orte - Falconara
assegnazione cemento

AL SIG. MAGG. = O L E
S E D E

Per opportuna norma e conoscenza informo che sono giunti a VARNI ed immagazzinati nei M.M. di quella stazione i seguenti carri di cemento contenenti i quantitativi a fianco indicati:

Carro Nº	175142	Tenn.	20
"	" 55903	"	18
"	" 1022614	"	19
"	" 175950	"	19
"	" 1003070	"	19
"	" 15228	"	16

Total Penn. 111=

5450

IL CAPO DELLA REGIONE LAVORI

[Handwritten signature]

Subject:- UNDERPINNING OF BRIDGE OVER RIVER TOPINO
AT KM. 174 ON LINE 87.

H.Q.No.4 Ind Rly C & M Group I.E.
C.M.F., Dated the 25th June, 1945.

No. 4CMF/122/5992.

Major Male,
C/o I.S.R.,
61 Sub Area, C.M.F.

Copy of letter No. LA/8390/2°Gr dated 14/6/45
from Capo Sezione Lavori ISR Ancona is attached.

I understand that you have verbally agreed with
my Adjutant to take over this work. Please confirm
and please take the work over.

As in the case of the Bridge at Km.225 Line 87,
I see no reason why the ISR should not carry out sheet
pile driving with a pile driver and winch, or if
necessary a pile hammer and stationary boiler could be
obtained from 330 TSD.

W. Simpson

Enc:- 1.

(J.R. SIMPSON) Lt.Col.R.E.
C.O. 4 Ind Rly C & M Group I.E.

Copy to O.C. 122 Ind Rly Maint Coy with copy of
I.S.R. letter.

54 9

WC

EGD

COPY

Ministero delle Comunicazioni
Ferrovie Dello Stato

- (1) SEZIONE LAVORI
- (2) A N C O N A

Ancona, 11 14-6-1945.

4 Ind Rly C & M Gp. I.E.

S E D E

N.L.A./8390/2° Gr.

OGGETTO : Linea Orte-Falconara =
Ponte sul Topino al km;174.

Questa Sezione non ha ancora potuto trovare una Impresa idonea ad eseguire il lavoro di sottomurazione della pila del ponte sul Topino al Km. 174 della Orte-Falconara e cio perche è estremamente difficile trovare i macchinari necessari.- Ha richiesto questi macchinari alla Direzione Generale di Roma ma non potrà ottenerli prima della fine di luglio.- Si continua a ricercare Imprese che dispongano dei

P.T.O.

-2-

macchinari necessari in maniera
da riuscire ad anticipare l'esecuzione
del lavoro.

IL CAPO DELLA SEZIONE LAVORI

Sd.- MORGANA

WC

Office translation

Ancona - 23 June 45

To : Major Mole A.C.Tn.4

Subject : Orte-Falconara Line - Bridge at 238+698 Km.

After inspection at site it has been decided to protect the existing provisional piers against the scouring of the ~~stream~~ stream making use of iron girders "Larsen" type.

No.225 girders (75 per each pier) are required.
In the case that the ~~xxxx~~ girders released should be longer than 3 meters, please arrange to supply a welding plant complete with the necessary gas containers.

The said materiale should be despatched to Genga-Arcevia Stn. and addressed to Mr. Jorretti, ISR employee.

WORKS SECTION - ANCONA

5447

Sgd. Ing. Morgana



MINISTERO DEI TRASPORTI
FERROVIE DELLO STATO

COMPARTIMENTO

A N C O N A
SEZIONE LAVORI-ANCONA

OGGETTO

Opere a Falconara.

Ponte al Km. 238+698

Allegato N°

Ancona 23 Giugno 1945

N. 1.4/1226/20 Cr.

al N° del

Sig. Maggiore MOLS

B E E

Dopo il sopralluogo al ponte sul Sentino al Km. 238+ avete deciso anziché la ricostruzione del ponte, la protezione delle attuali pile provvisorie dall'azione scalzante delle neque, mediante infissione di palancole tipo "Larsen". Il numero di queste palancole di lunghezza m. 3, è previsto di 75 circa per ogni pila e quindi per tre pile 225.

Se le palancole verranno inviate di lunghezza multipla o maggiore di m. 3 vi preghiamo di volerci fornire anche un apparecchio da taglio a fiamma ossiacetilenica e le bombole di gas occorrenti.

Il materiale suddetto dovrà essere indirizzato al Sig. Assistente Jorgetti, Stazione di Senga-Arcevia. =

IL CAPO DELLA SEZIONE LAVORI

BS

[Signature] 5446

Rejection: No

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

Transposition strategies

ABOVE THIS LINE FOR SIGNALS USE ONLY

FROM MAJOR MOLE C/O I.S.M. 61 ~~AREA~~ AREA.

Date / Time of Origin
210930

Optim. Data Stamp

Fig. 4. Action

TN INC

70

For Information (INFO)

ANO/21/: RESTRICTED (..) TN SUB COMMISSION FOR STREET (..) REFERENCE YOUR
SIGNAL 026 (..) HAVE ALREADY ARRANGED TO TAKE ADDITIONAL 400 TONS CEMENT
EX 330 TSD IN EXCESS FIGURES GIVEN BY SIGNAL 16 JUNE (..) FURTHER ORD RS
FOR 400 TONS TO FOLLOW ON 24 JUNE AS CONTRACTS FOR LET 3 MORE BRIDGES
LINE 87 AND WORK ON ARTIFICIAL TUNNEL AT AMOONA IS PROGRAMMED TO
00: INOF 25 JUNE (..)

THIS MESSAGE MAY BE SENT AS WRITTEN
BY ANY MEANS (EXCEPT)

IF LEADER TO BE INTERCEPTED OR TO
FALL INTO ENEMY HANDS, THIS MESSAGE
MAY BE SENT IN CIPHER

UNIT 500'S INSTRUCTIONS DIVISION OF PROPERTY

Time	System	Op
THI or TOR		
21 OCT 4		
Time elapsed		

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

L. Hargrave bnd
FOR MAJOR

SILK: SILK

0988

ISSUE AND RECEIPT VOUCHER.

Army Form G. 1033
The books of 1941Issue Voucher No. 11/2/3687Amount AC/37/1001-1008Date received 15/6/45No. of sheets in voucher 1 Sheet No. 1

Receipt Voucher No.

Account No.

Date account continues

Issued by 015 330To 1000 TONSAuthority 183Date and mode of conveyance SEE ATTACHEDAt 61 AREAAt ALGERIA

Carrier's or Carrier Note No. and Date

Ledger Folio (a)	Cat. or Part No. (b)	DESIGNATION Section or Sub-Section (c)	Total number or quantity (d)	Description and marks on packages (e)	For Store Depot use only					Value (f)		
					S. (g)	R. (h)	D. (i)	U. (j)	Rate (k)	£ (l)	s. (m)	d. (n)
		SECTION										
		CEMENT ORDINARY	417	TONS								
		INDENT of 30/5/45										
		COMPLETE							54.4			

*Not to be used as a receipt and a duplicate of the original is to be retained by the issuer.
 *Not to be used as a receipt in the case of M.T. and similar stores.

Signature of Comptroller in Charge

IF USED BY ORDNANCE OFFICERS AS AN ISSUE VOUCHER, TONNAGE TO BE ENTERED ON REVERSE

FORO i/c No 330 T.S.D.

DETAILS OF DESPATCHES OF CEMENT

DATE	QUANTITY	WAGON Nos	
30/5/45	107 TONS	{ 42 083 771 921 14 100 846 192 525 771 966 07 8121 101142 55 983 162 2614 759 80 100 3070 152 25 100 9334 124 346 771 96 004 112 234 100 8094 100 2168 199 136 771 935 63 100 0849 102 26513 101 161	To FABRIANO
30/5/45	111 TONS	{	To NARNI STATION
30/5/45	49 TONS	{	To FORIENNO STATION
31/5/45	19 TONS	{	
1/6/45	13	{	
4/6/45	18	{	
5/6/45	45 TONS	{	To SPOLETO STATION
TOTAL 417 TONS			5463

Office translation

A ncona - 15 - 6 - 45

To : Major Mole A.C.Tn.4

Subject : Line 87 - Orte-Falconara - Brick Supply.

Ranaldi Brick Kiln at Fabriano on contract with the I.S.R. for a supply of 300.000 bricks required for the reconstruction of the above Line, has informed our Works Section, Ancona that the coal quantities allocated to the Kiln has already been supplied. On the contrary the electric power supply has not been as yet obtained.

To be born in mind that in the case the said power should not be supplied with the most urgency; the Kiln will not be in a position to produce in the current season the quantity of bricks already contracted.

Please treat the matter as urgent.

*What is present
position?*
✓

WORKS SECTION - ANCONA

Ing. Morgana

MINISTERO DEI TRASPORTI
COMPARTIMENTO DI ANCONA
SEZIONE LAVORI

Ancona 15 Giugno 1945

N.L.A. 8566/2° Gr.

MAGGIORE MOLE

-OGG-370-
Linea 87.-
Orta-Falconara -
Mattoni.

- SEDE -

Mi permetto segnalare che la fornace Renaldi di Fabriano, con cui è stato stipulato contratto per la fornitura di 300000 mattoni e che ha anche ricevuto il necessario carbone non ha ancora ottenuto l'energia elettrica per la confezione dei mattoni.

Se questa tarderà ancora ad essere concessa verrà meno la possibilità di fabbricare i mattoni nella prevista quantità entro la corrente stagione e di disporre a sufficienza per i lavori di imminente inizio.

Prego quindi voler nuovamente intervenire.

IL CAPO DELLA SEZIONE LAVORI

4



5441

Office translatio -

Ancona

11-6-45

To : Major Mole A.C.Tn.4

Subject: Line 87 - Cement supply.

The following waggons loaded with the below listed quantities of cement have been loaded off at Foligno Stn.

Waggon No.	1009334	.....	20,00	Tons
"	"	124346	.....	20,00 "
"	"	77196004	.....	20,05 "
"	"	110834	.....	20,05 "
"	"	1008094	.....	18,10 "

Total of cement received at Foligno 94,45 Tons instead of 99 Tons as quoted in your letter.

As soon as we come in possession of the necessary data ~~xxxx~~ we will let you have a detailed list of the quantities of ~~xxxx~~ cement despatched at Fabriano and Narni Stns.

WORKS SECTION

ANCONA

Sgd. Ing. Morgana

5440

Noli
EOM

Ministero delle Comunicazioni
 DIREZIONE GENERALE
 SERVIZIO DEI TRASPORTI

Ancona, # 11-6-1945==

A. N.

SEZIONE LAVORI-ANCONA

(2)

MAGGIORE MOLE

S E D E

N. L.A./8140/2° Gr.

OGGETTO : Linea Orte-Falconara(87)
Fornitura cemento.

Come da preavviso di codesto Comando sono giunti a Foligno, provenienti da Falconara, i seguenti carri di cemento contenenti ciascuno le quantità a fianco indicate:

Carro N°	1009334	con	Tonn.	20,00
"	"	124346	"	20,00
"	"	77196004	"	20,05
"	"	110834	"	20,30
"	"	1008094	"	<u>18,10</u>

Totale cemento arrivato a
 Foligno Tonn. 98,45 contro
 le Tonn.99 preavvisate.

Si darà conferma delle quantità inviate alle stazioni di Fabriano e Narni non appena in possesso degli elementi necessari.

IL CAPO DELLA SEZIONE LAVORI

PC

1. Direzione Generale oppure Compartimento di ...
 2. Direzione Generale oppure Ufficio, Stazione di ... Sezione, Magazzino, Deposito

FABBISOGNO DEI MATERIALI PER LA RICOSTRUZIONE DEI SEGUENTI

LOCALITA'	Struttura tutta in mattoni					Struttura con e ar		
	Mattoni N°	Cemento Tonn.	Carbone Tonn.	Benzina l	Lubrifi- canti l	Mattoni N°	Cemento Tonn.	Carb To
Ponte sul Metauro ^{Marano} al km. 118+172	260000	65	52	3930	186	40.000	182	
Ponte sul Maranello al km. 120+409	272000	68	55	4985	250	32 000	144	
Ponte sul Tavollo al km. 129+802-	272000	68	55	4985	250	32 000	144	
Ponte sul Conca al km. 126+936	515000	130	103	7870	393	82 000	365	
	+							
	+							
	+							

SAA
eq.

5408

FABBISOGNO DEI MATERIALI PER LA RICOSTRUZIONE DEI SEGUENTI PONTI

Struttura tutta in mattoni						Struttura con volto di calcestruzzo e armelle in mattoni					
Mattoni N°	Cemento Tonn.	Carbone Tonn.	Benzina l	Lubrificanti l		Mattoni N°	Cemento Tonn.	Carbone Tonn.	Benzina l	Lubrificanti l	
260000	65	52	3930	186		40.000	182	8	1650	82	
272000	68	55	4985	250		32 000	144	6	1230	62	
272000	68	55	4985	250		32 000	144	6	1230	62	
515000	130	103	7870	393		82 000	365	16	3170	158	

5408

Office translation

ANCONA - 8 June 45

To : Major Mole A.C.Tn.4

Subject : Restoration of the Hoop with ITALCEMENTI Factory at Senigallia.Reference to the inspection carried ^{out} at site on the 28th of May.

We inform you that the material existing in the vicinity of the Factory in question are the parts of a intersection turn out Type F.S.Tang.12.

No.3 light turn outs (R.A. or American Type) are required for the above work.

Now owing to the facts that No.3 turn outs (American Type) are available at 173+671 Km. near Block Post No.34 and that no objections, as promised by Officers of 136 Ind Rly Maint Coy I.E. to our Sorvegliante, would be raised in case of removal of same, we beg you to have the matter fully examined.

SPH:100

OK.
5/10

File

Indicated 1-3 Range
not advised as required
above
EPT

L. 16.11.45

5437

WORKS SECTION - ANCONA

Sgd. Ing. Morgana

MINISTERO DEI TRASPORTI
COMPARTIMENTO DI ANCONA
SEZIONE LAVORI

Ancona 8 Giugno 1945

R.L.A. 8103/ 1° Gr. I.R.

STO. MAGGIORE MOLE

S E D E

Ripristino del raccordo con
lo stabilimento "ITALCIMENTI"
di Senigallia.

Con riferimento al sopralluogo del

giorno 28 scorso mese a Senigallia,

si comunica che i materiali d'armamento esistenti presso lo stabilimento
"ITALCIMENTI" di Senigallia fanno parte di un deviatolo ad intersezione
doppia tipo P.S. tangente 12.-

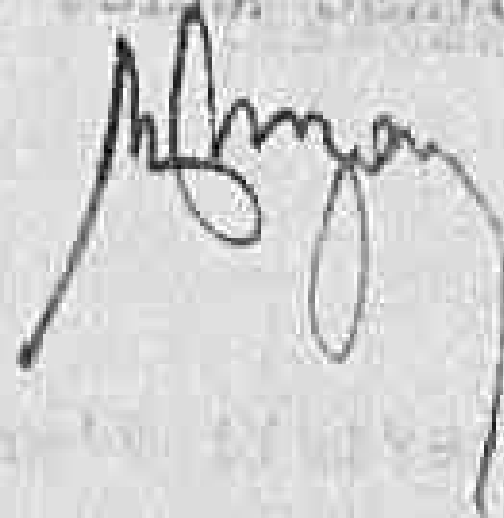
Per ripristinare il raccordo di cui all'oggetto occorrono 1 deviatoli
semplici tipo leggero (R.A. oppure Americano).- 5436

Al Km. 173+671 presso il Posto di Blocco N° 34 ~~esistono~~ *esistono* fuori opere

N° 3 Derivato del tipo Americano .

Si prega di voler cortesemente esaminare la cosa e, se possibile, autorizzare l'impiego, precisando che il Sorvegliante del 3° Tronco dopo avere parlato con gli Ufficiali della 135ª Compagnia Indiana residente in Fano, riferisce che nulla osterebbe da parte di detta Compagnia per la cessione .

IL CAPO DELLA SEZIONE LAVORI



LINEA COTTE - PALOGNARA

FABBISOGNO MATERIALI PER LA RICOSTRUZIONE DEI SEGUENTI PONTE :

			MATTONI N°	CEMENTO Tonn.	BERREINA Litri	GRANITO Kg
Viadotto	al	Km. 115 + 074	950.000	500	8000	150
Ponte	al	Km. 140 + 298	257.000	50	2800	60
Ponte	al	Km. 209 + 835	426.100	133	4100	80
Ponte	al	Km. 236 + 173	159.300	153	2180	42
Ponte	al	Km. 241 + 893	145.000	421	2300	40
			N° 1.937.900	T. 1397	1.19.380	Kg. 390

File Line 87
E/13

Calc. esult. per i. c. c. c. c. c.

LINEA GRTS - PALCONARA

FABBISOGNO MATERIALI PER LA RICOSTRUZIONE DEI SEGUENTI PONTI :

		MATEONI N°	CEMENTO Tonn.	BENZINA Litri	OLIO LUBR. Kg.
al	Km. 115 + 374	950.000	600	8000	160
al	Km. 140 + 298	257.000	30	2800	60
al	Km. 209 + 535	426.100	133	4100	80
al	Km. 236 + 178	159.800	153	2180	44
al	Km. 241 + 1893	145.000	421	2300	46
		N° 1.937.900	T. 1397	1.19.380	Kg. 390

in 87
E913
Calc. esultato invariato.

Subject : Line 87 - Cement

DDTn (Railways)
Tel. 61 Area Exch. 2345.
Date. 1 June 45

To : Capo Sezione Lavori -
I.S.R. Ancona -

Ref. AC/Tn/87/C. (2) ✓

1. Please note that the cement required for reconstruction of bridges on the above Line has been dispatched on the 30th May addressed to I.S.R. at the following Stations in the waggons as listed below :

FABRIANO - 107 Tons of cement in waggons 42083, 77192114,
100896, 192525, 77196007, 2121.
NARNI - 111 Tons of cement in waggons 101142, 55983,
1022614, 175960, 1003070, 15225.
FOLIGNO - 99 Tons of cement in waggons 1009334, 124346,
77196004, 110834, 1008094.

2. Please arrange to have these waggons immediately off loaded and the cement stored until required for use.

EGD

H.J. Mole - Major RE
A.C. Tn. 4

5434

Subject : Line 87 - Stores -CEMENTDDTN (Railways)
Tel. 61 Area Exch. 2345.
Date. 30 May 45.

Ref. AG/Tn/87/CR(18)

To : Capo Stazione Lavori
I.S.R. - Ancona

S.C.

1. 100 Tons of cement have been dispatched today to each of the four Stations Fabriano, Foligno, Rieti and Spoleto for use on the reconstruction of the bridges on the above line.

2. As agreed, please arrange to have this cement off loaded and stored until required for use.

The waggons must not be kept under load.

R. J. Mole - Major

RM
A.C. Tn. 4

5423

Subject : Reconstruction of bridges Lines

86 North and 87.

DPA (Railways)
Tel. 61 Area Exch. 2345.
Date. 30 May 45.
Ref. AC/Te/35/1.2

To : Capo Sezione Lavori - I.R.R. - Ancona

1. In confirmation of the conference on the above subject held in the I.R.R. Offices in Ancona on 29 May, please arrange for the following to be put in hand at once :

(a) Reconstruction of the ARSILIA and PUGLIA River Bridges. This work is to be carried out by Impresa Garbino-Bonaccorsi-Mezzone. The decision has been taken as this firm's tender was the lowest of the Contractors who proved their merit on the reconstruction of Line 86 Central Section. With regard to the Impresa Pietrangeli & Cangiotti following our joint inspection of the yard and the material available for carrying out this work, it was perfectly obvious that this firm are not equipped to carry the work in question.

Further, as reported by your Capo Gruppo Massaccesi, there appears to be some doubt as to whether even the small stock shown is the property of this firm.

Finally the request of this firm for 100 to 150 tons of cement to repair their brick kiln at Fossato cannot be agreed to.

(b) The building of the parapet walls to complete the reconstruction of the Sarno bridge at 192+85 Km. must be finished forthwith.

(c) The METAURO bridge at 159+80 Km. Following the inspection of this bridge, the remaining work of casting 3 arches and building the parapet walls must be speeded up immediately. In addition, it is necessary to put in hand at once the building of three additional arches at the south end. In order to not restrict the river in time of flood any more, than is the case at the adjacent road bridge. This will make the final reconstructed bridge 3 arches less than the original structure.

(d) Tenders for the reconstruction of the following must be called for immediately :

Line 86 North

Tavullo river Bridge at 129+30 Km.

Baranello river Bridge at 120+41 Km.

Sarno river Bridge at 113+17 Km.

Line 87

Viaduct at 209+54 Km.

Sarno river bridge at 235+13 Km.

Sarno river Bridge at 241+00 Km.

5472

1. In confirmation of the conference on the above subject held in the I.S.R. Offices in Ancona on 29 May, please arrange for the following to be put in hand at once:

(a) Reconstruction of the AMBILIA and TOSIL River Bridges. This work is to be carried out by Impresa Garbarino-Solinasolaga-Messasene. The decision has been taken as this firm's tender was the lowest of the Contractors who proved their merit on the reconstruction of Line 36 Central Section.

With regard to the Impresa Pietrangeli & Cangiotti following our joint inspection of the yard and the material available for carrying out this work, it was perfectly obvious that this firm are not equipped to carry the work in question.

Further, as reported by your Capo Gruppo Messasene, there appears to be some doubt as to whether even the small stock shown is the property of this firm.

Finally the request of this firm for 100 to 150 tons of cement to repair their brick kiln at Pesaro cannot be agreed to.

(b) The building of the parapet walls to complete the reconstruction of the Esino bridge at 132+55 Km. must be finished forthwith.

(c) The MERANO bridge at 159+80 Km. Following the inspection of this bridge, the remaining work of casting 3 arches and building the parapet walls must be speeded up immediately. In addition, it is necessary to put in hand at once the building of three additional arches at the South end, in order to not restrict the river in time of flood any more, then in the case at the adjacent road bridge. This will make the final reconstructed bridge 3 arches less than the original structure.

(d) Tenders for the reconstruction of the following must be called for immediately:

Line 36 North

Tavullo river Bridge at 129+30 Km.
Maranello river Bridge at 120+47 Km.
Merano river Bridge at 110+17 Km.

Line 37

Viaduct at 209+34 Km.
Esino river Bridge at 235+13 Km.
Esino river Bridge at 241+90 Km.
Baldolini Tunnel - Repairing damaged lining.

The following firms, who proved their merits on Line 36 (Central Section), should be requested to tender for the above works.

- | | |
|-------------------------------------|--------------------|
| 1) Garbarino-Solinasolaga-Messasene | 4) Imp. Argenti |
| 2) Impresa Giovagnoli | 5) " Cidonio |
| 3) " Montella | 6) Soc. Ferretton. |

(Page 2)

In addition, as from your own personal knowledge, you can recommend the undermentioned firms and they should also be asked to submit their tenders :

- 7) Giacchetti Ing. Adolaro
- 8) Costanzi Decio
- 9) Fieretti Ugo
- 10) Martelli & Co. Ferrocementi

3. In addition to the above works, you reported that the following bridges needed reconstructing :

- (a) Tepino River bridge at 146+30 Km.
- (b) Sentino River bridge at 239+70 Km.
- (c) Tepino River bridge at 180+13 Km.
- (d) Tepino River bridge at 174+58 Km.

With the exception of the Tepino River bridge at 180+13 Km. no other spans would be recovered and therefore the reconstruction must be postponed, unless, as stated by your Capo Gruppo, the structures are not safe.

It is therefore proposed that a site inspection be made at an early date to thoroughly examine the structures.

In the case of the Tepino River bridge at 180+13 Km., please prepare a scheme for reconstruction of this bridge using brick arches underneath the existing steelwork.

V. J. Mola - Major R. S.

S. A. M. 1

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