Declassified E.O. 12356 Section 3.3/NND No. 785021

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00/148/1486

MONTHLY REPORTS
(JAN. 1944 - DEC. 1945)
JUL. 1944 - JAN. 1945

RJW/em

HEADQUARTERS ALLIED COMMISSION
APO 394
TRANSPORTATION SUB -COMMISSION
RAILS

REF. : AC/Tn/100/86/M.I. December 8th 1944

TO : Lt.Col. O.H. LINDBERG
Tn.S.C., H.Q.A.C., Rails.

SUBJECT : Ortona - Ancona Line N°86
Reconstruction.

1. The following contracts have been let for the reconstruction of the various structures as detailed below.

FIRST SECTION ORTONA - PESCARA

Contractor : MONTELLA EDUARDO - NAPLES.

Dates of commencement 1st December, completion 31st March.

1). At 371.185 Km. to 371.419 Km. Tunnel brick lined
80 Metres filled with muck. Clear muck
5 metres of arch demolished. Rebuild in brickwork.
40 metres of arch damaged. Spot patching of brickwork.

2). At 367.821 Km. to 368.317 Km. Tunnel brick lined.
11½ metres filled with muck. Clear muck.
48 metres of arch damaged. Partially rebuild in brickwork.
48 metres of walls and roof damaged. Partially rebuild in brickwork.

3). At 367.481 Km. N° 3/8 metre brick arch bridge.
Structure completely demolished. Rebuild in brick and conrete filling to abutments piers and arch haunches.

4). At 366.982 Km. A one 8 metre brick arch bridge.
Structure completely demolished. Rebuild in brick with concrete filling to abutments.

5). At 366.004 Km. N° 3/8 metre brick arch bridge.
Structure completely demolished. Rebuild in brick. Concrete filling to brick faced abutments and piers.

6). At 365.309 Km. One 6 metre brick arch bridge.
Structure completely demolished. Rebuild in brick. Concrete filling to abutments.

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TO : Lt.Col. C.H. LINDBERG
Tn.S.C.,H.Q.A.C.,Rails.

SUBJECT : Ortona - Ancona Line N°86
Reconstruction.

1. The following contracts have been let for the reconstruction of the various structures as detailed below.

FIRST SECTION ORTONA - PESCARA

Contractor : MONTELLA EDUARDO - NAPLES.

Dates of commencement 1st December, completion 31st March.

1). At 371.185 Km. to 371.419 Km. Tunnel brick lined

80 Metres filled with muck. Clear muck
3 metres of arch demolished. Rebuild in brickwork.
40 metres of arch damaged. Spot patching of brickwork.

2). At 367.921 Km. to 368.317 Km. Tunnel brick lined.

11½ metres filled with muck. Clear muck.
16 metres of arch damaged. Partially rebuild in brickwork.
43 metres of walls and roof damaged. Partially rebuild in brickwork.

3). At 367.481 Km. N° 3/8 metre brick arch bridge.

Structure completely demolished. Rebuild in brick and conrete filling to abutments piers and arch haunches.

4). At 366.982 Km. A one 8 metre brick arch bridge.
Structure completely demolished. Rebuild in brick with concre filling to abutments.

5). At 366.804 Km. N° 5/6 metre brick arch bridge.
Structure completely demolished. Rebuild in brick. Concrete filling to brick faced abutments and piers.

6). At 365.328 Km. One 6 metre brick arch bridge.
Structure completely demolished. Rebuild in brick. Concrete filling to abutments.

7). At 363.673 Km. One 3 metre brick arch. Structure completely demolished. Rebuild in brick with concrete filling to abutments.

8). At 363.417 Km. One 3 metre brick arch. Structure completely demolished. Rebuild in bricks and concrete filling to abutments.

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GIOVAGNORI MURGO.

From 326.238 Km. to 312.355 Km. (Giulianova Station) Contractor
GARBARINO - SCIACCALUGA & MEZZACANE.

Date of commencement: 18 December 1944) Both contracts.
Date of completion. : 14 April 1945)

Reinforced concrete bridge of 5 spans each of 14 metres.
Superstructure and trestles completely demolished. Rebuild with timber trestles off of original foundations. Deck with R.S.J's.

10). At 362.174 Km. One 3 metre brick arch bridge. Structure completely demolished. Rebuild in brick. Brick faced abutments to have concrete backing.

11). At 361.756 Km. One 3 metre brick arch bridge. Structure completely demolished. Rebuild in brick. Brick faced abutments to have concrete backing.

12). At 358.400 Km. Reinforced concrete bridge of 3 spans.
Formerly accomodation bridge now not required.
Fill and tip to adjacent embankment level.

13). At 358.307 Km. N° 7/8 metre brick arch bridge.
Completely demolished. Rebuild in brick. Abutments to have concrete backing and piers to be concrete filled.

14). At 357.642 Km. One 3 metre brick arch. Completely destroyed; Rebuild in brick. Abutments to have concrete backing.

15). At 354.349 Km. N° 2/8 metre brick arch bridge.
Completely demolished. Rebuild in brick. Abutments to have concrete backing and piers to be concrete filled.

SECOND SECTION - PESCARA STATION TO GIULIANOVA STATION.

Section let to two firms.

From 349.868 Km. (Pescara Station) to 326.238 Km. Contractor
GIOVAGNONI MURGO.

From 326.238 Km. to 312.355 Km. (Giulianova Station) Contractor
GARBARINO - SCIACCALUGA - MEZZACANE.

Date of commencement: 18 December 1944) Both contracts.
Date of completion : 14 April 1945)

1). At 348.505 Km. A 1½ metre brick culvert. Completely destroyed.
Rebuild with concrete pipes with concrete bed and casing.

2). At 348.120 Km. A 1½ metre brick culvert. Completely destroyed.
Rebuild with concrete pipes with concrete bed and casing.

3). At 347.946 Km. A 2 metre brick arch culvert. Arch destroyed.
Rebuild in brickwork from springing level.

4). At 347.774 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

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11). At 351.756 Km. One 3 metre brick arch bridge. Completely demolished. Rebuild in brick. Brick faced abutments to have concrete backing.

12). At 358.400 Km. Reinforced concrete bridge of 3 spans. Formerly accomodation bridge now not required. Fill and tip to adjacent embankment level.

13). At 358.307 Km. N° 7/8 metre brick arch bridge. Completely demolished. Rebuild in brick. Abutments to have concrete backing and piers to be concrete filled.

14). At 357.642 Km. One 3 metre brick arch. Completely destroyed; Rebuild in brick. Abutments to have concrete backing.

15). At 354.349 Km. N° 2/8 metre brick arch bridge. Completely demolished. Rebuild in brick. Abutments to have concrete backing and piers to be concrete filled.

SECOND SECTION - PESCARA STATION TO GIULIANOVA STATION.

Section let to two firms.

From 343.863 Km. (Pescara Station) to 336.238 Km. Contractor GIOVAGNONI MUNGO.

From 336.233 Km. to 312.355 Km. (Giulianova Station) Contractor GARBARINO - SCIACCALUGA - MESSACANE.

Date of commencement: 16 December 1944) Both contracts.
Date of completion : 14 April 1945)

1). At 348.505 Km. A 1½ metre brick culvert. Completely destroyed. Rebuild with concrete pipes with concrete bed and casing.

2). At 348.120 Km. A 1½ metre brick culvert. Completely destroyed. Rebuild with concrete pipes with concrete bed and casing.

3). At 347.946 Km. A 2 metre brick arch culvert. Arch destroyed. Rebuild in brickwork from springing level.

4). At 347.774 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

5). At 347.554 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

6). At 347.380 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

7). At 347.257 Km. A 1½ metre brick culvert. Completely destroyed Rebuild with concrete pipes, with concrete bed and casing.

8). At 346.981 Km. A 3 metre brick culvert. Arch demolished. Rebuild arch in brickwork from springing level.

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9). At 346.722 Km. A 1 metre brick culvert. Completely destroyed
Rebuild with concrete pipes, with concrete bed and casing.

10). At 346.368 Km. A 1 metre brick culvert. Completely destroyed
Rebuild with concrete pipes, with concrete bed and casing.

11). At 346.113 Km. A 7 metre brick arch bridge. Arch destroyed.
Rebuild in brickwork from springing level.

12). At 345.242 Km. A 1½ metre brick culvert. Completely destroyed
Rebuild with concrete pipes, with concrete bed and casing.

13). At 345.569 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

14). At 345.262 Km. A 1½ metre brick culvert. Completely destroyed
Rebuild with concrete pipes, with concrete bed and casing.

15). At 345.052 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

16). At 344.845 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

17). At 344.502 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

18). At 344.424 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

19). At 343.978 Km. A 1½ metre brick culvert. Completely destroyed
Rebuild with concrete pipes, with concrete bed and casing.

20). At 343.698 Km. A 1½ metre brick culvert. Completely destroyed
Rebuild with concrete walls and brick arch.

21). At 343.513 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

22). At 342.276 Km. No 12/12 metre brick arch bridge.
Former structure completely demolished. C.R.E. has already rebuilt abutments and piers for the road bridge.
Rebuild in brickwork No 12 arches with spandrel and parapet walls. Provision will be made for one track only.
(Note - Original contract called for double track bridge).

23). At 340.861 Km. No 4/12 metre brick arch bridge.
Arches completely demolished, piers damaged.
Repair piers and rebuild arches spandrel and parapet walls in brickwork.

24). At 340.587 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

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13). At 345.569 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

14). At 345.368 Km. A 1½ metre brick culvert. Completely destroyed
Rebuild with concrete pipes, with concrete bed and casing.

15). At 345.052 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

16). At 344.843 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

17). At 344.582 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

18). At 344.424 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

19). At 343.978 Km. A 1½ metre brick culvert. Completely destroyed
Rebuild with concrete pipes, with concrete bed and casing.

20). At 343.628 Km. A 1½ metre brick culvert. Completely destroyed
Rebuild with concrete walls and brick arch.

21). At 343.513 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

22). At 342.276 Km. N° 12/12 metre brick arch bridge.
Former structure completely demolished. C.R.E. has already
rebuilt abutments and piers for the road bridge.
Rebuild in brickwork N° 12 arches with spandrel and parapet
walls. Provision will be made for one track only.
(Note - Original contract called for double track bridge).

23). At 340.861 Km. N° 4/12 metre brick arch bridge.
Arches completely demolished, piers damaged.
Repair piers and rebuild arches spandrel and parapet walls
in brickwork.

24). At 340.587 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

25). At 340.215 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

26). At 339.990 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild with concrete pipes, with concrete bed and casing.

27). At 339.478 Km. A 1 metre brick culvert. Completely destroyed.
Rebuild wiht concrete pipes, with concrete bed and casing.

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28). At 338.983 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

29). At 338.656 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

30). At 338.483 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

31). At 338.389 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

32). At 338.026 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

33). At 337.927 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

34). At 337.781 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

35). At 336.987 Km. A 2 metre brick culvert. Completely destroyed. Rebuild in brickwork.

36). At 336.677 Km. A 3 metre brick culvert. Completely destroyed. Rebuild in brickwork.

37). At 336.205 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

38). At 335.956 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

39). At 335.505 Km. A 4/8 metre brick arch bridge. 2 arches demolished. Rebuild 2 arches only spandrel and parapet walls to same.

40). At 332.372 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

41). At 332.125 Km. A 3 metre brick culvert. Completely destroyed. Rebuild in brickwork.

42). At 331.943 Km. A 2 metre brick culvert. Completely destroyed. Rebuild in brickwork.

43). At 331.682 Km. A 3 metre brick culvert. Completely destroyed. Rebuild in brickwork.

44). At 331.303 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

45). At 330.982 Km. A 3 metre brick culvert. Completely destroyed. Rebuild in brickwork.

46). At 330.878 Km. A 1 metre brick culvert. Completely destroyed.

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32). At 338.026 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

33). At 337.927 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

34). At 337.781 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

35). At 336.937 Km. A 2 metre brick culvert. Completely destroyed. Rebuild in brickwork.

36). At 336.677 Km. A 3 metre brick culvert. Completely destroyed. Rebuild in brickwork.

37). At 336.205 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

38). At 335.956 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

39). At 335.505 Km. A 4/3 metre brick arch bridge. 2 arches demolished. Rebuild 2 arches only spandrel and parapet walls to same.

40). At 332.872 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

41). At 332.125 Km. A 3 metre brick culvert. Completely destroyed. Rebuild in brickwork.

42). At 331.943 Km. A 2 metre brick culvert. Completely destroyed. Rebuild in brickwork.

43). At 331.682 Km. A 3 metre brick culvert. Completely destroyed. Rebuild in brickwork.

44). At 331.309 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

45). At 330.982 Km. A 2 metre brick culvert. Completely destroyed. Rebuild in brickwork.

46). At 330.978 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

47). At 330.513 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

48). At 330.419 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

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49). At 330.158 Km. N° 5/8 metre brick arch bridge. N° 5 arches badly damaged beyond repair. Demolish arches and rebuild in brickwork.

50). At 329.297 Km. A 3 metre brick culvert. Completely destroyed. Rebuild in brickwork.

51). At 327.005 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

52). At 326.238 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

Second Section First Contract ends here.

53). At 326.238 Km. A 2 metre brick culvert. Completely destroyed. Rebuild in brickwork.

54). At 325.820 Km. A 2 metre brick culvert. Completely destroyed. Rebuild in brickwork.

55). At 325.467 Km. A 1½ metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

56). At 324.856 Km. N° 13/17 metre brick arch bridge. All arches and piers destroyed, abutments damaged. Repair abutments. Build new brick faced piers filled with concrete. Rebuild arches, spandrels and parapets in brickwork.

57). At 319.075 Km. N° 3/6 metre brick arch bridge. Completely destroyed. Rebuild abutments and piers with brick face work and concrete filling. Rebuild arches, spandrels and parapets walls in brickwork.

58). At 315.719 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

59). At 315.019 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

60). At 314.347 Km. N° 14/18 metre brick arch bridge. N° 7 arches demolished, one badly fractured. Rebuild N° 7 arches in brickwork. Repair damaged arch in brickwork.

61). At 314.130 Km. A 1½ metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

62). At 313.719 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

63). At 313.570 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

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Rebuild with concrete pipes.

Second Section First Contract ends here.

53). At 326.233 Km. A 2 metre brick culvert. Completely destroyed. Rebuild in brickwork.

54). At 325.820 Km. A 2 metre brick culvert. Completely destroyed. Rebuild in brickwork.

55). At 325.467 Km. A 1[illegible] metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

56). At 324.856 Km. No 19/1[illegible] metre brick arch bridge. All arches and piers destroyed, abutments damaged. Repair abutments. Build new brick faced piers filled with concrete. Rebuild arches, spandrels and parapets in brickwork.

57). At 319.975 Km. No 3/8 metre brick arch bridge. Completely destroyed. Rebuild abutments and piers with brick face work and concrete filling. Rebuild arches, spandrels and parapets walls in brickwork.

58). At 315.719 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

59). At 315.013 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

60). At 314.347 Km. No 14/1[illegible] metre brick arch bridge. No 7 arches demolished, one badly fractured. Rebuild No 7 arches in brickwork. Repair damaged arch in brickwork.

61). At 314.160 Km. A 1[illegible] metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

62). At 313.710 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

63). At 313.570 Km. A 1 metre brick culvert. Completely destroyed. Rebuild with concrete pipes, with concrete bed and casing.

End of Second Section - Second Contract.

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E.J. HOLE, Major,
Tn.E.C., A.C. (Rails).

Copy to : Col. RATHER

" " Ins. IC O'BOYC

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M.R.S. &

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

LINE 86. State of Work as at 30 April 1945.

Job No.	Agency.	Location.	Description.	Size.	% Complete.	Est'd Compl
AC/86/48	Contract Imp.Montella	Ortona	Repairs to tunnel at 371.30 Km.	Clear length of 30 metres filled muck. Rebuild 10 metres run of arch. Repair, spot patching 40 metres run arch & side walls.	100%	31.3.
AC/86/51	Contract Imp.Montella	Ortona	Repairs to tunnel at 368.00 Km.	Clear length 11½ metres filled muck 96 metres run of partial rebuilding arch & side walls.	100%	31.3.
AC/86/55	I.S.R. Direct labour.	Ortona - Tollocanosa.	Track repairs.	2.72 kms. track maintenance. 5.73 kms track renewal.	100%	31.3.
AC/86/56	I.S.R. Direct labour.	Tollocanosa - Francavilla.	Track repairs.	5.13 kms. track renewal.	100%	31.3.
AC/86/57	I.S.R. Direct labour.	Francavilla - Pineta di Pescara	Track repairs.	5.25 kms track renewal	100%	31.3.
AC/86/58	I.S.R. Direct labour.	Pineta di Pescara to Pescara P.N.	Track repairs.	2.69 kms. track renewal	100%	31.3.
AC/86/59	I.S.R. Direct labour.	Pescara P.N. to Pescara Centrale.	Track repairs.	1.24 kms. track renewal	80%	31.3.
AC/86/60	Contract. Imp. Montella	Tollocanosa	Repairs to bridge at 367.48 kms.	Rebuild a 3 span brick arch bridge - each span of 6 metres.	90%	

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M.R.S. &

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION. Sheet 1.

State of Work as at 30 April 1945.

n.	Description.	Size.	% Complete.	Est'd Compln.	Remarks.
	Repairs to tunnel at 371.30 Km.	Clear length of 30 metres filled muck. Rebuild 10 metres run of arch. Repair, spot patching 40 metres run arch & side walls.	100%	31.3.45	
	Repairs to tunnel at 360.00 Km.	Clear length 11½ metres filled muck 96 metres run of partial rebuilding arch & side walls.	100%	31.3.45.	
- Tollo.	Track repairs.	2.72 kms. track maintenance. 5.73 kms track renewal.	100%	31.3.45.	
anosa - villa.	Track repairs.	5.13 kms. track renewal.	100%	31.3.45.	
villa - a di Pescara	Track repairs.	5.25 kms track renewal.	100%	31.3.45.	
a di Pescara cara P.N.	Track repairs.	2.69 kms. track renewal	100%	31.3.45.	
ra P.N. to ra Centrale.	Track repairs.	1.24 kms. track renewal	80%	31.3.45.	Track over Pescara river Bridge to be laid.
canosa	Repairs to bridge at 367.48 kms.	Rebuild a 3 span brick arch bridge - each span of 6 metres.	95%		Ready for traffic, Parapet walls to complete.

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M.R.S.&

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION (Cont

LINE 86

State of Work as at 30 April 1945

Job No.	Agency.	Location.	Description.	Size.	% Complete.
AC/86/61	Contract Imp.Montella	Tollocanosa	Repairs to bridge at 366.98 Km.	Rebuild a one span 8 metre brick arch bridge.	100%
AC/86/62	Contract Imp.Montella	Tollocanosa	Repairs to bridge at 366.00 Km.	Completely rebuild a 5 span brick arch bridge each span 8 metres.	95%
AC/86/63	Contract. Imp.Montella	Tollocanosa	Repairs to bridge at 365.33 Km.	Completely rebuild a one span of 6 metres brick arch bridge.	100%
AC/86/64	Contract. Imp.Montella, tiles, raft & trestles. 160 Rly.Const. Coy steelwork.	Tollocanosa	Repairs to bridge at 363.05 Km.	Build temporary 5 span bridge timber piling concrete raft, timber trestles, steel superstructure.	100%
	Contract. Imp.Montella.	Tollocanosa	Repairs to bridge at 362.17 Km.	Completely rebuilding a 4 metre span brick arch bridge.	100%
	Contract. Imp.Montella.	Francavilla.	Repairs to bridge at 361.76 Km.	Completely rebuilding a 3 metre span brick arch bridge.	100%
AC/86/65	Contract. Imp.Montella.	Francavilla.	Repairs to bridge at 358.40 Km.	Fill in a demolished 3 span reinforced bridge.	100%
AC/86/66	Contract Imp.Montella.	Francavilla.	Repairs to bridge at 358.31 Km.	Completely rebuild a 7 span brick arch bridge each span of 8 metres.	95%

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State of Work as at 30 April 1945

Location.	Description.	Site.	% Complete.	Estd Compln.	Remarks.
Tollocanosa	Repairs to bridge at 366.98 Km.	Rebuild a one span 8 metre brick arch bridge.	100%	31.3.45.	
Tollocanosa	Repairs to bridge at 366.00 Km.	Completely rebuild a 5 span brick arch bridge each span 8 metres.	95%	31.3.45.	Ready for traffic. Parapet walls to complete.
Tollocanosa	Repairs to bridge at 365.33 Km.	Completely rebuild a one span of 6 metres brick arch bridge.	100%	31.3.45.	
Tollocanosa	Repairs to bridge at 363.05 Km.	Build temporary 5 span bridge timber piling concrete raft, timber trestles, steel superstructure.	100%	31.3.45.	
Tollocanosa	Repairs to bridge at 362.17 Km.	Completely rebuilding a 4 metre span brick arch bridge.	100%	31.3.45.	
Francavilla.	Repairs to bridge at 361.76 Km.	Completely rebuilding a 3 metre span brick arch bridge.	100%	31.3.45.	
Francavilla.	Repairs to bridge at 358.40 Km.	Fill in a demolished 3 span reinforced bridge.	100%	31.3.45.	
Francavilla.	Repairs to bridge at 358.31 Km.	Completely rebuild a 7 span brick arch bridge each span of 8 metres.	95%	31.3.45.	Ready for traffic. Parapet walls to complete.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF A.R.S.& R.T.C. COMMISSION (Contd)

LINE 86.

State of Work as at 30 April 1945

Job No.	Agency.	Location.	Description.	Size.	% Complete	Est'd Compln.
AC/86/66	Contract. Imp.Montella, piles, raft & trestles. 160 Rly.Const. Coy steelwork.	Francavilla.	Repairs to bridge at 357.64 Km.	Completely rebuild a 3 metre span brick arch bridge.	100%	31.3.45
AC/86/67	- ditto -	Pescara.	Repairs to bridge at 354.35 Km.	Completely rebuild a 2 span brick arch bridge each span of 8 metres.	97%	31.3.45
AC/86/68	Contract. Imp. Montella for masonry. Imp. Ferrobeton temporary work. 160 Rly.Const. Coy steelwork.	Pescara.	Repairs to bridge at 350.89 Km.	Completely rebuild 3 span bridge steel superstructure, spans 12, 20 and 64 metres carried on brick abutments and piers.	90%	30.4.45
AC/86/69	Contract. Imp. Giovagnoni	Montesilvano.	Repairs to bridge at 346.11 Km.	Rebuild a 7 metre span brick arch.	100%	30.4.45
AC/86/70	I.S.R. Direct labour.	Pescara C. to Montesilvano	Track repairs.	6.15 kms. relay Italian rails on Italian sleepers.	100%	30.4.45
AC/86/71	Contract. Imp. Giovagnoni	Montesilvano	Rebuilding bridge at 342.28 Km.	Complete rebuilding a 12 span brick arch bridge, each span of 12 metres.	95%	30.4.45

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State of Work as at 30 April 1945

	Description.	Size.	% Complete	Est'd Compln.	Remarks.
lla.	Repairs to bridge at 357.64 Km.	Completely rebuild a 3 metre span brick arch bridge.	100%	31.3.45.	
	Repairs to bridge at 354.35 Km.	Completely rebuild a 2 span brick arch bridge each span of 8 metres.	97%	31.3.45.	Ready for traffic. Parapet wall to complete.
	Repairs to bridge at 350.89 Km.	Completely rebuild 3 span bridge steel superstructure, spans 12, 20 and 6½ metres carried on brick abutments and piers.	90%	30.4.45.	Riveting of top boom to be completed.
lvano.	Repairs to bridge at 346.11 Km.	Rebuild a 7 metre span brick arch.	100%	30.4.45.	
a C. to lvano	Track repairs.	6.15 kms. relay Italian rails on Italian sleepers.	100%	30.4.45.	
lvano	Rebuilding bridge at 342.28 Km.	Complete rebuilding a 12 span brick arch bridge, each span of 12 metres.	95%	30.4.45.	Ready for traffic. Parapet walls to be completed.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION (Contd)

LINE 86. State of Work as at 30 April 1945

Job No.	Agency.	Location.	Description.	Size.	% Complete	Estd Compltn.
AC/86/72	Contract. Imp. Giovagnoni	Silvi.	Rebuilding bridge at 340.86 Km.	Repuild abutments, rebuild 3 piers, 4 arches, spandrels and parapet walls.	95%	30.4.45.
AC/86/73	I.S.R. Direct labour.	Montesilvano to Silvi.	Track repairs.	4.75 kms. relay Italian rails on Italian sleepers.	100%	30.4.45.
AC/86/74	Contract. Imp. Giovagnoni	Silvi.	Rebuilding bridge at 335.50 Km.	Rebuild two 8 metre span brick arches, spandrels and parapet walls.	95%	30.4.45.
AC/86/75	I.S.R. Direct labour.	Silvi to Atri Pineto.	Track repairs.	7 kms. track maintenance.	100%	30.4.45.
AC/86/76	Contract. Imp. Giovagnoni.	Atri Pineto.	Repairs to bridge at 330.16 Km.	Rebuild a 5 span brick arch bridge each span of 8 metres.	95%	30.4.45.
AC/86/77	Contract. Imp. Garbarino	Roseto	Repairs to bridge at 324.86 Km.	Completely rebuild a 5 span brick arch bridge, each span of 12 metres.	95%	30.4.45.
AC/86/78	I.S.R. Direct labour.	Atri Pineto to Roseto.	Repairs to track.	9.13 kms track maintenance.	100%	30.4.45.
AC/86/79	Contract. Imp. Garbarino.	Cologna.	Repairs to bridge at 319.07 Km.	Completely rebuild a 3 span brick arch bridge, each span of 8 metres.	95%	30.4.45.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION (Contd) Sheet 4.

State of Work as at 30 April 1945

tion.	Description.	Size.	% Complete	Est'd Compltn.	Remarks.
i.	Rebuilding bridge at 340.86 Km.	Rebuild abutments, rebuild 3 piers, 4 arches, spandrels and parapet walls.	95%	30.4.45.	Ready for traffic. Parapet walls to complete.
esilvano to i.	Track repairs.	4.75 kms. relay Italian rails on Italian sleepers.	100%	30.4.45.	
i.	Rebuilding bridge at 335.50 Km.	Rebuild two 8 metre span brick arches, spandrels and parapet walls.	95%	30.4.45.	Ready for traffic. Parapet walls to complete.
i to Pineto.	Track repairs.	7 kms. track maintenance.	100%	30.4.45.	
Pineto.	Repairs to bridge at 330.16 Km.	Rebuild a 5 span brick arch bridge each span of 8 metres.	95%	30.4.45.	Ready for traffic. Parapet walls to complete.
eto	Repairs to bridge at 324.66 Km.	Completely rebuild a 15 span brick arch bridge, each span of 12 metres.	95%	30.4.45.	Ready for traffic. Parapet walls to complete.
Pineto to to.	Repairs to track.	9.13 kms track maintenance.	100%	30.4.45.	
gna.	Repairs to bridge at 319.07 Km.	Completely rebuild a 3 span brick arch bridge, each span of 8 metres.	95%	30.4.45.	Ready for traffic. Parapet walls to complete.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION (Contd).

State of Work as at 30 April 1945

LINE 86.

Job No.	Agency.	Location.	Description.	Size.	% Complete	Est'd Compln	Re
AC/86/80	Contract. Imp. Gerbarino.	Giulianova	Repairs to bridge at 314.35 Km.	Rebuild a 14 span brick arch bridge each span 12 metres. Rebuild 8 arches, spandrels and parapets.	95%	30.4.45.	
AC/86/81	I.S.R. Direct labour.	Roseto to Giulianova	Track repairs.	10.54 kms. track maintenance.	100%	30.4.45.	
AC/86/82	Contract. Cidonio	Tortoreto	Repairs to bridge at 308.89 Km.	Completely rebuild a 4 span brick bridge each span of 12 metres.	97%	30.4.45.	
AC/86/83	I.S.R. Direct labour.	Giulianova to Tortoreto	Track repairs.	5.82 kms. track renewal.	100%	30.4.45.	
AC/86/84	Contract. Cidonio	Tortoreto	Repairs to bridge at 302.08 Km.	Completely rebuild a 4 span ~~reinforced concrete~~ brick bridge each span 12 metres.	95%	30.4.45.	
AC/86/85	Contract. Cidonio. 160 Rly.Const. Coy. steelwork.	Colonnella	Repairs to bridge at 298.80 Km.	Completely rebuild a 3 metre span bridge RSJ superstructure brick abutments.	100%	30.4.45.	
AC/86/86	Contract Cidonio. 160 Rly.Const. Coy. steelwork	P. D'Ascoli	Repairs to bridge at 295.44 Km.	Completely rebuild a 8 span bridge. Steel superstructure 10 metres span.Masonry abutments & piers.	99%	30.4.45.	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION (Contd).

State of Work as at 30 April 1945

ion.	Description.	Size.	% Complete	Est'd Compln	Remarks.
anova	Repairs to bridge at 314.35 Km.	Rebuild a 14 span brick arch bridge each span 12 metres. Rebuild 8 arches, spandrels and parapets.	95%	30.4.45.	Ready for traffic. Parapet walls to complete.
o to anova	Track repairs.	10.54 kms. track maintenance.	100%	30.4.45.	
reto	Repairs to bridge at 303.89 Km.	Completely rebuild a 4 span brick bridge each span of 12 metres.	97%	30.4.45.	Ready for traffic. Parapet walls to complete.
anova to reto	Track repairs.	5.82 kms. track renewal.	100%	30.4.45.	
ruto	Repairs to bridge at 302.08 Km.	Completely rebuild a 4 span ~~RCC~~ brick bridge each span 12 metres.	95%	30.4.45.	
nella	Repairs to bridge at 298.80 Km.	Completely rebuild a 3 metre span bridge RSJ superstructure brick abutments.	100%	30.4.45.	
Asodi	Repairs to bridge at 295.44 Km.	Completely rebuild a 8 span bridge. Steel superstructure 10 metres span. Masonry abutments & piers.	99%	30.4.45.	

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M.R.S.&
RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION (Contd)

LINE 86.

State of Work as at 30 April 1946

Job No.	Agency.	Location.	Description	Size.	% Complete	Est'd Compln
AC/86/87	I.S.R. Direct labour.	Tortoreto to P. D'Ascoli	Track repairs.	5.36 Kms. track renewal. 6.44 kms rerail.	90%	30.4.45.
AC/86/88	Contract Cidonio 160 Const.Coy steelwork.	S. Benedetto	Repairs to bridge at 288.76 Km.	Completely rebuild a 6 metre span bridge. Abutments in brick & concrete. Steel superstructure.	100%	30.4.45.
AC/86/89	Contract. Cidonio 160 Const.Coy steelwork.	S. Benedetto.	Repairs to bridge at 288.67 Km.	Rebuild one abutment. New steel superstructure.	100%	30.4.45.
AC/86/90		P.D'Ascoli to S.Benedetto	Track repairs.	5.29 kms. track maintenance.	100%	30.4.45.
AC/86/91	Contract Cidonio	Grottamare	Repairs to bridge at 285.68 Km.	Completely rebuild a 6 span brick bridge, each span of 19 metres.	95%	30.4.45.
AC/86/92	I.S.R. Direct labour.	Benedetto to Grottamare	Track repairs.	5.53 kms. track maintenance.	95%	30.4.45.
AC/86/93	Contract Cidonio.	Cupramarittima	Repairs to bridge at 280.16 Km.	Completely rebuild a 6 span brick arch bridge. 2 spans of 8 metres & 4 spans of 7 metres.	95%	30.4.45.

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M.R.S.&
WAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION (Contd)

State of Work as at 30 April 1945

ion.	Description	Size.	% Complete	Est'd Compln	Remarks.
reto to Ascoli	Track repairs.	5.36 Kms. track renewal. 6.44 kms rerail.	96%	30.4.45.	
nedetto	Repairs to bridge at 288.76 Km.	Completely rebuild a 6 metr span bridge. Abutments in brick & concrete. Steel superstructure.	100%	30.4.45.	
nedetto.	Repairs to bridge at 288.67 Km.	Rebuild one abutment. New steel superstructure.	100%	30.4.45.	
Ascoli to nedetto	Track repairs.	5.29 kms. track maintenance.	100%	30.4.45.	
tamare	Repairs to bridge at 285.68 Km.	Completely rebuild a 6 span brick bridge, each span of 19 metres.	95%	30.4.45.	Last arch completed 23 April. Parapet wall to be completed.
detto to tamare	Track repairs.	5.53 kms. track maintenance.	95%	30.4.45.	
amarittima	Repairs to bridge at 280.16 Km.	Completely rebuild a 6 span brick arch bridge. 2 spans of 8 metres & 4 spans of 7 metres.	95%	30.4.45.	Last arch completed 21 April. Parapet walls to be completed.

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LINE 6.

State of Work as at 30 April 1945

Job No.	Agency.	Location.	Description.	Size.	% Complete	Est'd Complin.	Re
AC/86/94		Grottammare to Cupramarittima	Track repairs.	3.30 kms. track maintenance.	97%	30.4.45	
AC/86/95	Contract Cidonio	Cupramarittima	Repairs to bridge at 278.70 Km.	Completely rebuild a 3 span mass concrete bridge, each span 25 metres.	92%	30.4.45.	
AC/86/96	Contract Cidonio	Cupramarittima	Repairs to bridge at 277.07 Km.	Completely rebuild a 3 span brick bridge each span of 8 metres.	95%	30.4.45.	
AC/86/97	Contract. S.A. Condotti D'Acqua	Pedarco	Repairs to bridge at 275.37 Km.	Completely rebuild a 3 span brick bridge, each span of 8 metres.	95%	30.4.45.	
AC/86/98	Contract S.A. Condotti D'Acqua	Pedarco	Repairs to bridge at 274.20 Km.	Completely rebuild an 18 metre clear span bridge. Masonry abutments. Steel superstructure.	100%	30.4.45.	
AC/86/99	Contract S.A. Condotti D'Acqua	Pedarco	Repairs to bridge at 273.59 Km.	Completely rebuild a 6 metre span brick bridge.	100%	30.4.45.	
AC/86/100	I.S.R. Direct labour.	Cupramarittima to Pedarco	Track repairs.	3.00 kms. track maintenance.	100%	30.4.45.	
AC/86/150	Contract S.A. Condotti D'Acqua	Pedarco	Repairs to bridge at 272.00 Km.	Completely rebuild a 5.35 metre span brick bridge.	100%	30.4.45.	

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State of Work as at 30 April 1945

Section.	Description.	Size.	Complete	Est'd Compln.	Remarks.
Pottemare to Spramaritima	Track repairs.	3.33 Kms. track maintenance.	97%	30.4.45	
Spramaritima	Repairs to bridge at 278.70 Km.	Completely rebuild a 3 span mass concrete bridge, each span 25 metres.	92%	30.4.45.	Last arch completed 23 April Parapet walls to completed Pack fill to abutment, hauwel to be done.
Spramaritima	Repairs to bridge at 277.67 Km.	Completely rebuild a 3 span brick bridge each span of 8 metres.	95%	30.4.45.	Ready for traffic. Parapet walls to be completed.
Pedarco	Repairs to bridge at 275.37 Km.	Completely rebuild a 3 span brick bridge, each span of 8 metres.	95%	30.4.45.	
Pedarco	Repairs to bridge at 274.20 Km.	Completely rebuild an 18 metre clear span bridge. Masonry abutments. Steel superstructure.	100%	30.4.45.	
Pedarco	Repairs to bridge at 273.59 Km.	Completely rebuild a 6 metre span brick bridge.	100%	30.4.45.	
Spramaritima to Pedarco	Track repairs.	6.00 Kms. track maintenance.	100%	30.4.45.	
Pedarco	Repairs to bridge at 272.08 Km.	Completely rebuild a 5.35 metre span brick bridge.	100%	30.4.45.	

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LINE 86.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF M.R.S. & LLOYD COMMISSION (Contd)

State of Work as at 30 April 1945

Job No.	Agency.	Location.	Description.	Size.	% Complete	Est'd Compln..	Re
AC/86/151	Formerly Contract S.A. Condotti D'Acqua , now Giovagnoni	Pedaso	Repairs to bridge at 271.53 Km.	Completely rebuild a 6 span brick arch bridge each span 20.5 metres.	90%	30.4.45	La P to
AC/86/152	Contract S.A. Condotti D'Acqua. 160 Rly.Const.Coy. steelwork.	Pedaso	Repairs to bridge at 263.74 Km.	Completely rebuild 22.3 metres clear span bridge. New bridge, masonry abutments and centre pier, 2 spans of 10.8 metres steel super structure.	100%	30.4.45.	
AC/86/153	S.A. Condotti D'Acqua. 160 Rly.Const.Coy. steelwork.	Pedaso.	Repairs to bridge at 267.53 Km.	Completely rebuild 21.2 metre clear span. New bridge, masonry abutments and centre pier, 2 spans of 10 metres steel superstructure	100%	30.4.45.	
AC/86/154	Contract. S.A. Condotti D'Acqua	P.S.Giorgio	Repairs to bridge at 264.29 Km.	Completely rebuild a 4 span brick arch bridge each span of 10 metres.	92%	30.4.45.	
AC/86/155	I.S.R. Direct Inbour.	Pedaso to P.S. Giorgio	Track repairs.	10.51 kms. track maintenance.	95%	30.4.45.	
AC/86/156	Contract S.A. Condotti D'Acqua. 160 Coy.R.E.S/work.	P.S.Giorgio	Repairs to bridge at 262.22 Km.	Completely rebuild a 5 metre span bridge. Masonry abutments. Steel superstructure.	100%	30.4.45.	

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State of Work as at 30 April 1945

	Description.	Size.	% Complete	Est'd Compln..	Remarks.
	Repairs to bridge at 271.53 Km.	Completely rebuild a 6 span brick arch bridge each span 20.5 metres.	90%	30.4.45	Last arch completed 24 April. Parapet walls and back fill to abutments to be completed.
	Repairs to bridge at 268.74 Km.	Completely rebuild 22.3 metres clear span bridge. New bridge, masonry abutments and centre pier, 2 spans of 10.8 metres steel super structure.	100%	30.4.45.	
	Repairs to bridge at 267.63 Km.	Completely rebuild 21.2 metre clear span. New bridge, masonry abutments and centre pier, 2 spans of 10 metres steel superstructure	100%	30.4.45.	
	Repairs to bridge at 264.29 Km.	Completely rebuild a 4 span brick arch bridge each span of 10 metres.	92%	30.4.45.	Parapet walls and back fill to abutments to be completed
	Track repairs.	10.51 kms. track maintenance.	95%	30.4.45.	
	Repairs to bridge at 262.22 Km.	Completely rebuild a 5 metre span bridge. Masonry abutments. Steel superstructure.	100%	30.4.45.	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF M.R.S.& ALLIED COMMISSION (Contd).

LINE 86. State of Work as at 30 April 1945

Job No.	Agency.	Location.	Description.	Size.	% Complete	Est'd Compn.	R
AC/86/157	Formerly Contract. S.A. Cogliotti D'Acqua. now 159 Rly.Const.Coy. steelwork.	S. Elpidio	Repairs to bridge at 256.03 Km.	Completely rebuild a 10 span bridge. 6 spans 10.37 metres 4 spans 8.75 metres. Masonry abutments and piers. Steel superstructure.	100%	30.4.45.	
AC/86/158	Formerly Contract S.A. Cogliotti D'Acqua. now 160 Rly.Const.Coy steelwork.	Civitanova	Repairs to bridge at 248.82 Km.	Completely rebuild a 14 span bridge. 10 spans 11.92 metres 4 spans 10 metres. Masonry abutments & piers. Steel superstructure.	100%	30.4.45.	
AC/86/159	I.S.R. Direct labour.	P.S. Giorgio to Civitanova	Track repairs.	5.59 kms. track maintenance.	100%	30.4.45.	
AC/86/160	Contract. Imp.Arganini	Civitanova	Repairs to bridge at 246.45 Km.	Completely rebuild a 2 span brick bridge, 1 span 6 metres and 1 span 3 metres.	100%	30.4.45.	
AC/86/161	Contract. Imp. Arganini	Civitanova	Repairs to bridge at 244.15 Km.	Completely rebuild a 3 span brick bridge each span 8 metres.	90%	30.4.45.	Par
AC/86/162	Contract Imp. Arganini	Potenza Picena	Repairs to bridge at 241.96 Km.	Completely rebuild a 2 span brick bridge each span of 10 metres.	92%	30.4.45.	2 co
AC/86/163	I.S.R. Direct labour.	Civitanova to Potenza Picena	Track repairs.	5.64 kms. track maintenance.	90%	30.4.45.	

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State of Work as at 30 April 1945

	Description.	Size.	% Complete	Est'd Compn.	Remarks.
io	Repairs to bridge at 256.03 Km.	Completely rebuild a 10 span bridge. 6 spans 10.37 metres 4 spans 8.75 metres. Masonry abutments and piers. Steel superstructure.	100%	30.4.45.	
Va	Repairs to bridge at 248.82 Km.	Completely rebuild a 14 span bridge. 10 spans 11.92 metres 4 spans 10 metres. Masonry abutments & piers. Steel superstructure.	100%	30.4.45.	
gio to a	Track repairs.	5.59 kms. track maintenance.	100%	30.4.45.	
a	Repairs to bridge at 246.45 Km.	Completely rebuild a 2 span brick bridge, 1 span 6 metres and 1 span 3 metres.	100%	30.4.45.	
a	Repairs to bridge at 244.15 Km.	Completely rebuild a 3 span brick bridge each span 8 metres.	90%	30.4.45.	Parapet walls and back fill to abutments to complete.
icena	Repairs to bridge at 241.96 Km.	Completely rebuild a 2 span brick bridge each span of 10 metres.	92%	30.4.45.	2 wing walls and parapets to completed. Ready for traffic.
e to icena	Track repairs.	5.64 kms. track maintenance.	90%	30.4.45.	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION (Contd)

LINE 86.

State of Work as at 30 April 1945

Job No.	Agency.	Location.	Description.	Size.	% Complete	Est'd Compln.	Rem
AC/86/164	Contract Imp. Arganini	Potenza Picena	Repairs to bridge at 240.43 Km.	Completely rebuild a single span 15.2 metres brick bridge.	92%	30.4.45.	Two be
AC/86/165	Contract Imp. Arganini	Potenza Picena	Repairs to bridge at 237.66 Km.	Completely rebuild a 2 span brick bridge each span 7.5 metres.	93%	30.4.45.	One be c
AC/86/166	Contract Imp. Arganini	Potenza Picena	Repairs to bridge at 236.44 Km.	Completely rebuild a 2 span brick bridge each span 4.75 metres.	94%	30.4.45.	One be c
AC/86/167	Contract Imp. Arganini	Portorecanati	Repairs to bridge at 236.00 Km.	Rebuild an 8 metre span ~~mass~~ brick concrete arch.	95%	30.4.45.	Head wing
AC/86/168	Contract. Imp. Arganini 160 Rly.Const. Coy. steelwork.	Portorecanati	Repairs to bridge at 233.21 Km.	Completely rebuild a 6 span bridge 4 spans 10.5 metres and 2 spans 12.37 metres. Masonry abutments and piers, steel superstructure.	97%	30.4.45.	Rea wal
AC/86/169	R.C.E. 1212.	Potenza Picena to Loretto	Track repairs.	14.21 kms. track renewal using salvaged Italian rails.	100%	30.4.45.	
AC/86/170	Contract Imp. Arganini 160 Rly.Const. Coy steelwork.	Loretto	Repairs to bridge at 225.49 Km.	Completely rebuild an 8 span bridge. 6 spans 10.3 metres and 2 spans 12.4 metres. Masonry abutments and piers. Steel superstructure.	98%	30.4.45.	Rea to

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION (Contd)

State of Work as at 30 April 1945

	Description.	Size.	% Complete	Est'd Compln.	Remarks.
Picena	Repairs to bridge at 240.43 Km.	Completely rebuild a single span 15.2 metres brick bridge.	92%	30.4.45.	Two wing walls and parapets to be completed. Ready for traffic
Picena	Repairs to bridge at 237.66 Km.	Completely rebuild a 2 span brick bridge each span 7.5 metres.	93%	30.4.45.	One wing wall and parapets to be completed. Ready for traffic.
Picena	Repairs to bridge at 236.44 Km.	Completely rebuild a 2 span brick bridge each span 4.75 metres.	94%	30.4.45.	One wing wall and parapets to be completed. Ready for traffic.
enati	Repairs to bridge at 236.00 Km.	Rebuild an 8 metre span ~~mens~~ brick concrete arch.	95%	30.4.45.	Ready for traffic. Twodwarf wings to complete.
enati	Repairs to bridge at 233.21 Km.	Completely rebuild a 6 span bridge 4 spans 10.5 metres and 2 spans 12.37 metres. Masonry abutments and piers, steel superstructure.	97%	30.4.45.	Ready for traffic. Two wing walls to complete.
Picena tto	Truck repairs.	14.21 kms. track renewal using salvaged Italian rails.	100%	30.4.45.	
	Repairs to bridge at 225.49 Km.	Completely rebuild an 8 span bridge. 6 spans 10.3 metres and 2 spans 12.4 metres. Masonry abutments and piers. Steel superstructure.	98%	30.4.45.	Ready for traffic. One wing to complete.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF M.R.S. & ALLIED COMMISSION (Contd)

State of Work as at 30 April 1945

Job No.	Agency.	Location.	Description.	Size.	% Complete	Est'd Complin	Remarks
AC/86/171	R.C.E.1212.	Loretto to Osimo	Track repairs.	8.28 kms. track renewal using salvaged Italian rails.	100%	30.4.45.	
AC/86/172	Contract Imp.Argenini 160 Rly.Const. Coy. steelwork	Aspio	Repairs to bridge at 217.97 Km.	Completely rebuild a 19.80 metres clear span bridge. New bridge, masonry abutments central pier, & 2 7 metres steel spans.	98%	30.4.45.	Iwarl "eady
AC/86/173	Contract Imp. Argenini	Aspio	Repairs to bridge at 214.28 Km.	Completely rebuild a 17 metre clear span W.I. girder bridge. New bridge in trick work.	90%	30.4.45.	Arch Wing compl
AC/86/174	I.S.R. Direct labour.	Osimo to Varano	Track repairs.	9.3 kms. rerailing W.D. rail on Italian sleepers.	100%	30.4.45.	
AC/86/175	Contract Imp. Ghella	Ancona	Repairs to tunnel at 207.60 Km.	Rebuild 350 metre run of brick barrel tunnel.	50%	30.4.45.	orth pleted 8% e occur about cut.
AC/86/176	Contractor Imp.Ghella 160 Rly.Const. Coy steelwork.	Ancona	Repairs to bridge at 206.76 Km.	Completely rebuild a 2.5 metre span br. Masonry abutments. Steel superstructure.	90%	30.4.45.	
AC/86/177	Contract Imp. Ghella	Ancona.	Repairs to tunnel at 204.60 Km.	Completely rebuild 1.57 Km trick lined tunnel.	98%	30.4.45.	Ready
AC/86/178	I.S.R. Direct labour.	Varano to Ancona.	Track repairs.	5.54 kms. rerailing W.D. rail on Italian sleepers.	75%	30.4.45.	Await be co

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Declassified E.O. 12356 Section 3.3/NND No. 785021

M.R.S.&
AY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION (Contd)

State of Work as at 30 April 1945

Description.	Size.	% Complete	Est'd Compln	Remarks.
Track repairs.	8.28 kms. track renewal using salvaged Italian rails.	100%	30.4.45.	
Repairs to bridge at 217.97 Km.	Completely rebuild a 19.80 metres clear span bridge. New bridge, masonry abutments central pier, & 2 7 metres steel spans.	98%	30.4.45.	Dwarf toe walls to complete. Ready for traffic.
Repairs to bridge at 214. 23 Km.	Completely rebuild a 17 metre clear span W.I. girder bridge. New bridge in brick work.	90%	30.4.45.	Arch completed 24th April. Wing walls and parapets to complete.
Track repairs.	9.3 kms. rerailing W.D. rail on Italian sleepers.	100%	30.4.45.	
Repairs to tunnel at 207.60 Km.	Rebuild 350 metre run of brick barrel tunnel.	50%	30.4.45.	North end 90% excavations completed. South end, one 27 April 98% excavations completed. Slip occured on 28 April, blocking about 30% of total lenght of cut.
Repairs to bridge at 206.76 Km.	Completely rebuild a 2.5 metre span br. Masonry abutments. Steel superstructure.	90%	30.4.45.	
Repairs to tunnel at 204.60 Km.	Completely rebuild 1.57 Km brick lined tunnel.	98%	30.4.45.	Ready for traffic.
Track repairs.	5.54 kms. rerailing W.D. rail on Italian sleepers.	75%	30.4.45.	Awaiting tunnel excavations to be completed.

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Declassified E.O. 12356 Section 3.3/NND No. 780021

LIAISON OFFICE A.C. + I.S.R.
RAILWAY RE-ELECTRIFICATION

Monthly report for January 1946

TO : Tn Sub-Commission (Rail) A.C. Bldg. -

copy : Military Railway Service "
Attn : Capt. Lyon
Servizio Lavori e Costruzioni "

The following notes are intended to show the situation of railway re-electrification at the end of January, as far as D.C. electrified lines with first priority are concerned.

NORTHERN ITALY:

I. Trento - Verona - Bologna (Line 69)

The rehabilitation works are being carried out on the section Ala-Verona, because the sections Trento - Ala and Verona - Bologna are practically complete and the electric traction services are 100% in operation. The position of the a/m section Ala-Verona is as follows :

H.T. lines : One circuit is now operating from Bressanone Power station to Bologna.

Substations : As it is known, two mobile substations are required for Serravalle and Ceraino, in order to replace the permanent substations of Ala and Domegliara, which have been totally destroyed. One mobile substation is now on the point of leaving Milan for Ceraino, another for Serravalle is expected to be complete within a few days - unforeseen cases exepted -

Contact line : The straining of a few kms of contact wire is only requested in order to complete, one track from Ala to Verona. Consequently, the electric traction service from Brennero to Vernio (411 kms) is expected to be in operation about February the 15.

2. Piacenza - Bologna (Line 65)

H.T. lines : As stated in the report of December, all the substations are in condition to be fed.

Substations :

Piacenza : One rectifier group is working, a second group will be in operating conditions during February.

railway re-electrification at the end of January, as far as D.C. electrified lines with first priority are concerned.

NORTHERN ITALY;

I. Trento - Verona - Bologna (Line 69)

The rehabilitation works are being carried out on the section Ala-Verona, because the sections Trento - Ala and Verona - Bologna are practically complete and the electric traction services are 100% in operation. The position of the a/m section Ala-Verona is as follows :

H.T. lines : One circuit is now operating from Bressanone Power station to Bologna.

Substations : As it is known, two mobile substations are required for Serravalle and Ceraino, in order to replace the permanent substations of Ala and Domegliara, which have been totally destroyed. One mobile substation is now on the point of leaving Milan for Ceraino, another for Serravalle is expected to be complete within a few days - unforeseen cases exepted -

Contact line : The straining of a few kms of contact wire is only requested in order to complete, one track from Ala to Verona. Consequently, the electric traction service from Brennero to Vernio (4II kms) is expected to be in operation about February the I5.

2. Piacenza - Bologna (Line 65)

H.T. lines : As stated in the report of December, all the substations are in condition to be fed.

Substations :

Piacenza : One rectifier group is working, a second group will be in operating conditions during February.

Fidenza : One group will be ready within February I5th. The second group transformer is undergoing revision; the second rectifier and apparatus are complete.

Parma : One transformer is now in working order, the second is almost repaired. Both rectifier have also been repaired. The firm Breda is working at the equipment in order to put this substation in working conditions as soon as possible.

Rubiera : As it was stated in the previous report, one mobile substation is required for this locality. Anyhow efforts are being made in order to get as soon as possible one rectifier group installed. ./.

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Contact line : One track is now practically complete from Piacenza to Fidenza; expected dates of completion for the first track are February the 28th; for the section Fidenza-Reggio E.; and 31st March for the section Reggio E. - Bologna.
The works have been delayed at first by lack of material and after by inadequate occupations.

CENTRAL ITALY

3. Bologna - Florence (line 65)

H.T. line : The section Bologna-Grizzana is now 75% completed; the remaining section Grizzana-Florence is in operation.

Substations : It is planned that one mobile substation will be available for Rifredi, on request, and one of these two now in operation at Grizzana will probably be installed at Vaiana. By this way the feeding of the contact line from Bologna to Florence will be ensured.

Contact line : One track is in operation from Bologna to Vernio and ~~xxxx~~ is now complete from Prato to Florence. The intermediate section Vernio-Prato will be re-electrified (single track only), about three weeks after the end of the repair of track, which is expected for the month of March.

4. Rome - Orte (line 65)

H.T. line : One circuit is complete fromhe Rome to Florence.

Substations : At Fara Sabina one rectifier has been submitted to the voltage tests and in the next days will be tested on load. The auxiliary circuits, which have been provisionally arranged, are now undergoing revision.

Contact line : The reconstruction of the contact line has been carried out on both tracks and it is expected that the line will be ready for the electric traction service towards February the 15th.

5. Other H.T. lines : The lack of materials (angle iron, steel cored aluminium conductors, etc.-) obliges to held up the repair of the second circuit on the double circuit lines, as Rome-Florence, Orte-Falconara, Rome-Sagittario Power Station.
The first circuit, of course, has been repaired and is in service.
On the line Rome-Sezze 140 towers (on a total of 203) have been erected, and on the lines Sezze-Minturno, Fondi-Ceprano and Sezze-Ceprano 131 towers (on a total of 224) have also been repaired.
The lines Rome-Grosseto-Castelnuovo, Cascina-Apuania and Larderello-Leghorn are now contracted.

Declassified E.O. 12356 Section 3.3/NND No. 785021

the remaining section Grizzana-Florence is in operation.

Substations : It is planned that one mobile substation will be available for Rifredi, on request, and one of these two now in operation at Grizzana will probably be installed at Vaiana. By this way the feeding of the contact line from Bologna to Florence will be ensured.

Contact line : One track is in operation from Bologna to Vernio and ~~itxis~~ is now complete from Prato to Florence. The intermediate section Vernio-Prato will be re-electrified (single track only), about three weeks after the end of the repair of track, which is expected for the month of March.

4. Rome - Orte (line 65)

E.T. line : One circuit is complete from Rome to Florence.

Substations : At Fara Sabina one rectifier has been submitted to the voltage tests and in the next days will be tested on load. The auxiliary circuits, which have been ppovisionally arranged, are now undergoing revision.

Contact line : The reconstruction of the contact line has been carried out on both tracks and it is expected that the line will be ready for the electric traction service towards February the 15th.

5. Other H.T. lines : The lack of materials (angle iron, steel cored aluminium conductors, etc.-) obliges to held up the repair of the second circuit on the double circuit lines, as Rome-Florence, Orte-Falconara, Rome-Sagittario Power Station.
The first circuit, of course, has been repaired and is in service.
On the line Rome-Sezze 140 towers (on a total of 203) have been erected, and on the lines Sezze-Minturno, Fondi-Ceprano and Sezze-Ceprano 131 towers (on a total of 284) have also been repaired.
The lines Rome-Grosseto-Castelnuovo, Cascina-Apuania and Larderello-Leghorn are now contracted.

6. Materials :

Mobile Substations : One of these substations, as said in para I, is now leaving for Ceraino (Trento-Verona line); another one, which is to be installed at Serravalle (Trento-Verona line) is expected to be complete by the first days of February.
A third mobile substation will be repaired within February; a fourth one is foreseen to be repaired by the end of March and the last one within April or May. The above mentioned mobile substations are those mentioned as expected to be repaired within the first month of April 1946 in the Memo "Difficulties met in the re-electrification works" that I addressed to A.C. on December the 10th, 1945.

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As it has been pointed out in this memo, at present it is impossible to give an estimated date of completion for any other mobile substations.

Filter cars: Four filter cars have been constructed by the I.S.R. Workshop at Verona: one is complete, the other three need only some resistances and it is expected they will be soon complete.

IO other filter cars are under construction at the I.S.R. Workshops Rome: part of the apparatuses necessary for their equipment are available, the remaining are being supplied.

Mercury arc rectifiers : Brown Boveri Workshop has now repaired 6 rectifiers, they have other I8 to be repaired, but they are badly damaged and so it is impossible to foresee any reliable date of completion.
C.G.E. will repair 4 rectifiers within February and 6 ~~xx~~ other within March. They have other I4 rectifiers to be repaired and they hope to be able to deliver them at the rate of 3 per month, beginning from April, only if they will succeed to supply the quartz rings.

Rectifier Transformers : 3 transformers have been repaired and another is under repair at the Brown Boveri workshop.

At C.G.E. 3 transformers are under repair, 2 are to be inspected The firm Breda repaired four transformers at Piacenza, Fidenza and Parma substations: one transformer at Fidenza and one at Parma are undergoing repairs, whilst the two at Rubiera will be repaired assoon as the crane of this substation will be in working order.

Rome, 2nd February I946

ing. Enrico Lavia

LIAISON OFFICER A.C. - I.S.R.
for Railway Re-electrification

Declassified E.O. 12356 Section 3.3/NND No. 785021

LIAISON OFFICE A.C. - I.S.R.
Railway re-electrification

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Monthly Report for December 1945

TO : Transportation Sub-Commission (Rail) A.C. Bldg

Copy : Military Railway Service (S/Capt. Lyon) Bldg
Servizio Lavori e Costruzioni. Sede.

The following notes are intended to show the situation of railway re-electrification at the end of December, as far as D.C. electrified lines with first priority are concerned.

NORTHERN ITALY

I. Trento - Verona - Bologna (Line 69)

Electric traction services are in operation, as at the end of November, on the sections Trento-Ala and Verona - Bologna.

A number of sidings in several stations have been electrified during December to meet the requirement of the Movimento Sections. The position of the intermediate section Ala-Verona is as follows:

H.T. Lines - One circuit of the H.T. line Bressanone-Bologna is nearing completion: it is expected that power from Bressanone Power Station will be conveyed southwards within a few days.

Substations - The sites for mobile substations at Serragalle and Ceraino are both in working condition. Orders have been issued to despatch to Serravalle one mobile substation which has been repaired at Brown Boveri workshop in Milan. Another mobile substation, now under repair at Breda Workshop, Milan, is expected to be shipped to Ceraino about the end of January or little after.

Contact Line- Estimated completion date of the contact line single track from Ala to Verona is about the end of January. It is therefore expected that the electric traction service will be in operation from Brenner to Bologna in the first days of February.

2. Piacenza - Bologna (Line65)

H.T. Lines - Is now complete from Piacenza to Rubiera. In the section Rubiera - Bologna repair of towers is proceeding well. Anyhow, the co nection between these two towers is ensured through the line Rubiera-Crevalcore-Bologna which is now in operation.

Declassified E.O. 12356 Section 3.3/NND No. 785021

I. Trento - Verona - Bologna (Line 69)

Electric traction services are in operation, as at the end of November, on the sections Trento-Ala and Verona - Bologna.

A number of sidings in several stations have been electrified during December to meet the requirement of the Movimento Sections. The position of the intermediate section Ala-Verona is as follows:

H.T. Lines - One circuit of the H.T. line Bressanone-Bologna is nearing completion: it is expected that power from Bressanone Power Station will be conveyed southwards within a few days.

Substations - The sites for mobile substations at Serravalle and Ceraino are both in working condition. Orders have been issued to despatch to Serravalle one mobile substation which has been repaired at Brown Boveri workshop in Milan. Another mobile substation, now under repair at Breda Workshop, Milan, is expected to be shipped to Ceraino about the end of January or little after.

Contact Line- Estimated completion date of the contact line single track from Ala to Verona is about the end of January. It is therefore expected that the electrid traction service will be in operation from Brenner to Bologna in the first days of February.

2. Piacenza - Bologna (Line65)

H.T. Lines - Is now complete from Piacenza to Rubiera. In the section Rubiera - Bologna repair of towers is proceeding well. Anyhow, the connection between these two towers is ensured through the line Rubiera-Crevalcore-Bologna which is now in operation.

Substations. - It is expected that two rectifier groups at Piacenza and one at Fidenza will be in working condition within January. Difficulties are greater with Parma and Rubiera may be one group will be complete at Parma when electric traction service will begin, but at Rubiera one mobile substation is required, as stated in the previous monthly reports.

Contact Line - Straining of conductors is being carried out but the work is interferred with lack of occupations: efforts are being made in order to grant the request of I.S.R. Office of Bologna for 7 hrs.occupation every day, during sunlight.

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Declassified E.O. 12356 Section 3.3/NND No. 782021

CENTRAL ITALY

3. Bologna - Firenze (Line 65)

H.T. Line - Is working from Firenze to Gruzzana, under repair from Grizzano to Bologna. This last section is 60% complete.

Substations - At Grizzano two mobile substations are working. At Vaiano repair of the substation building is being carried out, about 20% of the masonry work is done. One mobile substation will be required at Firenze-Rifredi when electric traction service will begin on the section Firenze-Vernio.

Contact Line - One track from Firenze to Prato is almost complete. The completion date of the section Prato-Vernio is subordinated to the repair of the track and the removal of rubbles from the tunnels.

4. Rome - Orte (Line 65)

H.T. Line - One circuit is complete, the other is under repair.

Substations - At Fara Sabina one rectifier group was tested with good result, and now the rectifier is undefgoing formation The inspection and repair is speeded up on those circuits which are strictly indispnesable for the operation of the substation.

Contact-Line -The contact line is now completed on two tracks, between Orte and Stimigliano and between Poggio Mirteto and Monterotondo (50 km on a total length of about 84 km). The work is delayed by lack of catenary rope for main tracks, whilst the straining of conductors on the siding in the stations is well in hand. Orders have already been issued to I.S.R. Office in Milan for the shipment of the catenary rope but priority is given to the lines Trento-Verona and Bologna-Piacenza.

5. Other H.T. Lines.

Larderello - Cascina. One circuit is completed, on the second one the repair of towers is about 50% completed.

Rome - Orte - One circuit is completed, IO km of the second circuit are also repaired.

Magliana - Fondi di Coazzo - This line is now completed.

Rome - Sezze - I20 towers have been erected (the number of towers pulled down was 208) and I5 km of circuit strained.

Sezze - Minturno)
Fondi - Carrara) 80 towers have been erected (the number of

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Contact Line - One track from Firenze to Prato is almost complete. The completion date of the section Prato-Vernio is subordinated to the repair of the track and the removal of rubbles from the tunnels.

4. Rome - Orte (Line 65)

H.T. Line - One circuit is complete, the other is under repair.

Substations - At Fara Sabina one rectifier group was tested with good result, and now the rectifier is undergoing formation The inspection and repair is speeded up on those circuits which are strictly indispensable for the operation of the substation.

Contact-Line -The contact line is now completed on two tracks, between Orte and Stimigliano and between Poggio Mirteto and Monterotondo (50 km on a total length of about 84 km). The work is delayed by lack of catenary rope for main tracks, whilst the straining of conductors on the siding in the stations is well in hand. Orders have already been issued to I.S.R. Office in Milan for the shipment of the catenary rope but priority is given to the lines Trento-Verona and Bologna-Piacenza.

5. Other H.T. Lines.

Larderello - Cascina. One circuit is completed, on the second one the repair of towers is about 50% completed.

Rome - Orte - One circuit is completed, 10 km of the second circuit are also repaired.

Magliana - Fondi di Coazzo - This line is now completed.

Rome - Sezze - 120 towers have been erected (the number of towers pulled down was 203) and 15 km of circuit strained.

Sezze - Minturno)
Fondi - Ceprano) 80 towers have been erected (the number of towers
Sezze - Ceprano) pulled down was 224)

Rome, 3rd January 1946.

/s/ Ing. ENRICO SAVIO
Liaison Office A.C. - I.S.R.
for railway re-electrification.

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Declassified E.O. 12356 Section 3.3/NND No. 782021

LIAISON OFFICE A.C. - I.S.R.
RAILWAY RE-ELECTRIFICATION

Monthly report for October 1945

TO : Transportation Sub-Commission (Rail), A.C. Bld.

Copy to : Military Railway Service (Attn: S/Capt.Lyon) Bld.
Servizio Lavori e Costruzioni - Sede.

The following notes are intended to show the situation of railway re-electrification at the end of October, as far as D.C. electrified lines with first priority are concerned.

NORTHERN ITALY.

I. Trento-Verona-Bologna(line 69)

Electric traction service is now in operation between Trento and Ala (two tracks from Trento to Rovereto, one track from Rovereto to Ala) fed by Trento Substation, where one rectifier group and filter are in regular service. The second rectifier group should be ready for service within the month of November.

The Section Verona-Bologna (single track) is now completed and electrical workinghas commenced. At Verona one mobile substation and filter car have been installed; at Ostiglia sub-station two rectifier groups and filter are working; at Bologna S. Viola one mobile substation and filter car are in service and works are under way for putting into service one group in the fixed substation.

The ground around the towers at the crossing of the river Po has been cleared of mines and therefore the H.T. line between Verona and Bologna is expected to be completed within the immediate future.

Conditions of the intermediate section Ala-Verona are as follows :

Substations : Two mobile substations are required, one for Serravalle and the other for Ceraino : these two substations are at present under repair in Milan and firms have been urged to expedite the work as much as possible. It is hoped to

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Declassified E.O. 12356 Section 3.3/NND No. 782021

The following notes are intended to show the situation of railway re-electrification at the end of October, as far as D.C. electrified lines with first priority are concerned.

NORTHERN ITALY.

I. Trento-Verona-Bologna(line 69)

Electric traction service is now in operation between Trento and Ala (two tracks from Trento to Rovereto, one track from Rovereto to Ala) fed by Trento Substation, where one rectifier group and filter are in regular service. The second rectifier group should be ready for service within the month of November.

The Section Verona-Bologna (single track) is now completed and electrical working has commenced. At Verona one mobile substation and filter car have been installed; at Ostiglia sub-station two rectifier groups and filter are working; at Bologna S. Viola one mobile substation and filter car are in service and works are under way for putting into service one group in the fixed substation.

The ground around the towers at the crossing of the river Po has been cleared of mines and therefore the H.T. line between Verona and Bologna is expected to be completed within the immediate future.

Conditions of the intermediate section Ala-Verona are as follows :

Substations : Two mobile substations are required, one for Serravalle and the other for Ceraino : these two substations are at present under repair in Milan and firms have been urged to expedite the work as much as possible. It is hoped to install these two mobile substations before the end of the year.

At Serravalle the site for the mobile substation is ready and the Ceraino site will be ready within the end of November.

H.T. Lines : One circuit is practically complete from Bressanone to Serravalle and from Ceraino to Verona, so no difficulties are expected about feeding the a/m mobile sub-stations when they are installed.

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Work is being carried out as quickly as possible on the section Serravalle-Ceraino, in order to convey electric power from Bressanone southwards and extimate date for completion is 30th December.

Contact line : Orders have been issued to I.S.E. Office in Milan that shipment of conductors requested for this section, as well as those for the line in para 2, are to be given first priority.

Accordingly, repair works have already began and no delay in rehabilitation of electric traction is expected because of contact line.

2. Piacenza - Bologna (line 65-)

H.T. Lines : Final inspection of the conductors is being carried out between Piacenza and Rubiera; on the section Rubiera - Bologna repair and erection of towers is under way. Connection of Piacenza, Parma and Rubiera substations with the Edison Supply Co. are in good order.

Substations : At Piacenza one rectifier group is in order, the second group is undergoing final adjustment.

At Fidenza one rectifier group is nearing completion. At Parma one transformer is good, the second is being repaired on site. The two rectifiers are under repair at Brown Boveri Workshops.
At Rubiera the two transformers will be repaired on site when repairs to a/m substations are completed; rectifiers are at Brown Boveri Workshops for repairs. One mobile substation will be required at this substation until fixed groups are repaired.

Contact line : Shipment of contact wire and catenary rope has commenced. Firm S.A.E. are repairing and erecting poles for single track working; this work is nearing completion.

CENTRAL ITALY.

3. Bologna - Florence (line 65)

Electric traction service between Bologna and Vernio commenced during the month of October.

In the section Vernio-Prato many tunnels are badly damaged and removal of debris is in progress; re-electrification is being carried out between tunnels, and electric fittings are installed as these are cleared.
In the section Prato-Florence repair work is also in progress.

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H.T. Lines : Final inspection of the conductors is being carried out between Piacenza and Rubiera; on the section Rubiera - Bologna repair and erection of towers is under way. Connection of Piacenza, Parma and Rubiera substations with the Edison Supply Co. are in good order.

Substations : At Piacenza one rectifier group is in order, the second group is undergoing final adjustment.

At Fidenza one rectifier group is nearing completion. At Parma one transformer is good, the second is being repaired on site. The two rectifiers are under repair at Brown Boveri Workshops.
At Rubiera the two transformers will be repaired on site when repairs to a/m substations are completed; rectifiers are at Brown Boveri Workshops for repairs. One mobile substation will be required at this substation until fixed groups are repaired.

Contact line : Shipment of contact wire and catenary rope has commenced. Firm S.A.E. are repairing and erecting poles for single track working; this work is nearing completion.

CENTRAL ITALY.

3. Bologna - Florence (line 65)

Electric traction service between Bologna and Vernio commenced during the month of October.

In the section Vernio-Prato many tunnels are badly damaged and removal of debris is in progress; re-electrification is being carried out between tunnels, and electric fittings are installed as these are cleared.
In the section Prato-Florence repair work is also in progress.

4. Rome - Orte (line 65)

H. T. Lines : One circuit is complete from Orte to Fara Sabina; repair work is being carried out between Fara Sabina and Rome.

Substations : At Fara Sabina repairs of the building and of the outdoor plant are almost completed; one transformer and one rectifier are on site; the storage battery is now being purchased; firm C.G.E. has been urged to manufacture the panels and the apparatus for rectifier auxiliary circuits switchboard.

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Declassified E.O. 12356 Section 3.3/NND No. 782021

At Or[illegible] the construction of the [illegible]ofs of the two buildings is almost completed.

Contact Lines : Poles are repaired on both tracks except 40 or 50 requiring weldings which have been held up for lack of carbide. Fittings are complete on 50% of track.

A small quantity of contact wire and catenary rope has arrived and straining of conductors will begin within a few days.

Efforts are being made to increase the quantity of conducto shipped for this work, in this case completion should be possible by the end of December.

5. Other H. T. Lines :

Orte - Florence : One circuit is complete; the second circuit is almost ready between Orte and Ponticino, work is in progress in the section Ponticino - Florence.

Lack of cement, angle iron and carbide has delayed completion.

Leghorn - Casina - Completed.

Larderello - Cascina - One circuit completed.

Larderello - Ponticino : Repairs are proceeding.

Orte - Falconara : One circuit is almost completed, only two small sections between Genga and Falconara remain to be repaired. The second circuit between Foligno and Fossato is almost completed. Lack of angle iron has also delayed this repair work.

Orte - Civitavecchia : Repaired

Bagni di Tivoli - Sagittario Power Station : One circuit is practically completed.

Rome - Minturno : Work is held up for lack of materials.

6. Materials :

Mobile Substations : As previously stated, two mobile sub-stations are required for electric working of Trento - Verona line and one for Piacenza - Bologna line; it would also be advisable if I.S.R. Office of Bologna had another mobile sub-station at its disposal for emergency use.

It would be good policy to have at Orte one mobile sub-station when electric traction from Rome to Orte commences.

A 60 KV. mobile substation is being dispatched from [illegible] Bagni Workshops to Naples Compartimento for use at

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Orte - Florence : One circuit is complete; the second circuit is almost ready between Orte and Ponticino, work is in progress in the section Ponticino - Florence.

Lack of cement, angle iron and carbide has delayed completion.

Leghorn - Casina - Completed.

Larderello - Cascina - One circuit completed.

Larderello - Ponticino : Repairs are proceeding.

Orte - Falconara : One circuit is almost completed, only two small sections between Genga and Falconara remain to be repaired. The second circuit between Foligno and Fossato is almost completed. Lack of angle iron has also delayed this repair work.

Orte - Civitavecchia : Repaired

Bagni di Tivoli - Sagittario Power Station : One circuit is practically completed.

Rome - Minturno : Work is held up for lack of materials.

6. Materials :

Mobile Substations : As previously stated, two mobile substations are required for electric working of Trento - Verona line and one for Piacenza - Bologna line; it would also be advisable if I.S.R. Office of Bologna had another mobile substation at its disposal for emergency use.

It would be good policy to have at Orte one mobile substation when electric traction from Rome to Orte commences.

A 60 KV. mobile substation is being dispatched from Brown Boveri Workshops to Naples Compartimento for use at Villa Literno substation site.

Another 60 KV mobile substation now under repair at Brown Boveri Workshops is expected to be ready by 15th November.

One 120 KV and may be another 140 KV mobile substation, are expected to be repaired by the end of the year.

Two other for 120 KV should be ready for service within the early part of 1946.

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Filter cars : Construction of filter cars began in I.S.R. workshops. Extimate date of completion for the first three is about 15th December.

Copper conductors : As previously stated all the production of copper conductors in Milan area is reserved for the lines Trento - Verona and Bologna - Piacenza.

Fornaci di Barga workshops are now manufacturing about 10 tons per day. This will be used for equipping the Rome-Orte and Florence - Vernio sections, etc.

Rome 3rd November 1945

ing. L. Lavia

Liaison Officer A.C. - I.S.R.

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MONTHLY REPORTS.

30 November 1945.

North Italy.

(Turin).

Line 50:	Torino - Genova
Line 121	Chivasso - Aosta
Line 56 bis	Asti - Casale - Mortara
Line 52	Trofarello - Cuneo
Line 108	Savona - Carmagnola
Line 123	Novara - Domodossola
Line 113	Chivasso - Casale
Line 52	Cuneo - Ventimiglia
Line 50	Turin - Modane with M.R.S.
Line 55 bis	Vignale - Varallo Sesia
Line 57	Mortara - Alessandria
Line 117	Castagnole L. - Asti.
Line 103	Torino - Cuneo
Line 101	Airasca - Torre Pellice
Line 111	Ceva - Savigliano
Line 110	Ceva - Ormea
Line 109	Cuneo - Mondovì
Line 53	Milano - Torino. - repairs to flood damage.

(Genove).

	Genoa Docks & Port Sidings
Line 130	Ovada - Alessandria
Line 59	Alessandria - Piacenza
Line 129	Genova - Ovada - Asti
Line 61	Genova - Ventimiglia with M.R.S.
Line 50	Genova - Sarzana
Line 105	Savigliand - Saluzzo.

(Milano).

Line 54	Milano - Domodossola
Line 65	Milano - Piacenza
Line 61	Milano - Tortona
Line 163	Mantova - Pavia
	Milano - Sondrio

Line 121	Chivasso - Aosta
Line 56 bis	Asti - Casale - Mortara
Line 52	Trofarello - Cuneo
Line 108	Savona - Carmagnola
Line 123	Novara - Domodossola
Line 113	Chivasso - Casale
Line 52	Cuneo - Ventimiglia
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Line 55 bis	Vignale - Varallo Sesia
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Line 103	Torino - Cuneo
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Line 111	Ceva - Savigliano
Line 110	Ceva - Ormea
Line 109	Cuneo - Mondovì
Line 53	Milano - Torino. - repairs to flood damage.

(Genova).

	Genoa Docks & Port Sidings
Line 130	Ovada - Alessandria
Line 59	Alessandria - Piacenza
Line 129	Genova - Ovada - Asti
Line 61	Genova - Ventimiglia with M.R.S.
Line 50	Genova - Sarzana
Line 105	Savigliano - Saluzzo.

(Milano).

Line 54	Milano - Domodossola
Line 65	Milano - Piacenza
Line 61	Milano - Tortona
Line 163	Mantova - Pavia
Line 146	Milano - Sondrio
Line 153	Rovato - Calciziocorte
Line 156	Brescia - Cremona (Verona Compartimento)
Line 155	Brescia - Parma
Line 53	Milano - Venezia
Line 66	Piacenza - Alessandria
Line 158	Cremona - Fidenza
Line 150	Colico - Chiavenna
Line 26	Private Railway Rovato - Soncino major bridge.
Line	Private Railway S.N.F.T. Bridge over river Disonico.

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(Venezia).

Line 53	Vicenza - Venezia
Line 71	Mestre - Udine
Line 84	Mester - Portogruaro
Line 85	F. Po - Padova
Line 165	Rovigo - Chioggia
Line 174	Mestre - Primolano
Line 175	Bassano - Camposanpiero
Line 176	Padova - Calalzo
Line 177	Conegliano - Ponte sulle Alpi
Line 180	Vicenza - Treviso
Line 181	Treviso - Portogruaro
Line 182	Casarsa - Gemona
Line 183	Motta - S.Vito
Line 184	Sacile - Pinzano
Line 186	Montebelluna - Susegana
Line 187	Portogruaro - Sarsana

(Bologna).

Line 85	Rovigo - Bologna - Bridge river Po Lagoscuro (German E.O.W.)
Line 65	Bologna - Piacenza
Line 69	Ostiglia bridge over river Po
	Bologna sidings and track.

South Italy.

Line 86 North	Permanent repair to 17 bridges
Line 86 Central	Permanent repair to traction buildings & 2 tunnels
Line 86 South	Permanent repair to 2 bridges
Line 87	Permanent repair to 8 bridges
Line 65	Prato - Bologna, permanent repairs
Line 65	Arezzo - Florence
Line 219	Pisa - Empoli - Florence
Line 220	Chiusi - Sinalunga - Empoli
Line 50	Pisa - La Spezia
Line 218+224	Viareggio - Pistoia
Line 65	Orte - Chiusi, Permanent reconstruction.
Line 65	Rio Torto Viaduct
Line 242	Open to traffic.
Line 245	Porto D'Ascoli - Ascoli Piceno, awaiting use crane to complete.

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Line 183	Motta - S.Vito
Line 184	Sacile - Pinzano
Line 186	Montebelluna - Susegana
Line 187	Portogruaro - Sarsene

(Bologne).

Line 65	Rovigo - Bologna - Bridge river Po Lagoscuro (German P.O.W.)
Line 65	Bologna - Piacenza
Line 69	Ostiglia bridge over river Po Bologna sidings and track.

S o u t h I t a l y .

Line 86 North	Permanent repair to 17 bridges
Line 86 Central	Permanent repair to traction buildings & 2 tunnels
Line 86 South	Permanent repair to 2 bridges
Line 87	Permanent repair to 8 bridges
Line 65	Prato - Bologna, permanent repairs
Line 65	Arezzo - Florence
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Line 220	Chiusi - Sinalunga - Empoli
Line 50	Pisa - La Spezia
Line 218+224	Viareggio - Pistoia
Line 65	Orte - Chiusi, Permanent reconstruction.
Line 65	Rio Torto Viaduct
Line 242	Open to traffic.
Line 245	Porto D'Ascoli - Ascoli Piceno, awaiting use crane to complete.
Line 277	Terni - Rieti
Line 277	Antrodoco-L'Aquila
Line 244	Bastia - Ellera
Line 65	Prato - Vernia
Line 281	Avallino - Benevento
Line 294	Avellino - Rocchetta
Line 291	Torre Annunziata - Cancello Ofanto Viaduct.
Line 88	Pescara - Chieti Biferno bridge Naples Central - Naples Scali.
Line 88	Rome - Avezzano - Pescina
Line 50	Loco Depot. Leghorn Central Loco Depot. Rome Smistamento.

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Line 50	Dispensa river bridge
Line 279	Ferrazzano tunnel (Campobasso)
	Work shops Cagliari
Line 260	Roma - Ciampino - Albano
Line 500	Central station, Civitavecchia
	Loco round house Rome S.Lorenzo
	Warehouse Rome Tiburtina
	Yard Rome smistamento
	Various buildings, Naples
Line 92	Bridge Torre Annunziata - Castellammare
Line 258	Cecchina - Velletri
Line 221	Montepescali - Roccastrada
	I.S.R. offices Naples.
Line 279	Termoli - Campobasso
Line 62	Fornovo - Sarzana
Line 63	ditto
	Private Railway Lauria Viaduct
	" " Terni - Todi - Perugia.(Spur completed to lignite mine)
	Private Railway Ellera - Pietrafitta
	" " Porto S.Giorgio - Amandola.

(Final note - Cement).

Situation better than last month, approx. 13,000 tons despatched from factories to I.S.R. a/c and 700 tons released by M.R.S. for main line electrification (later cut 450 tons as shipments from factories arrived).

(Track).

No decision yet from M.C. UK about track for Genoa Port sidings, this will cause a hold up of despatches to Austria, unless they use Venice.

(Bridging).

All R. Wagner and Kohn now released to I.S.R. who have been advised to place an order to manufacture the missing items.

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M E M O

MONTHLY REPORT

2. CIVIL ENGINEERING

I. CONSTRUCTION :

a) Financial approval as reported last month, this is being handed over to the Ministry of Transport. The I.S.R. are now preparing the necessary lists of authorised expenditure W.E.F. 15th November, this is rather a task, and is not yet completed to date.

b) Line 6I : Bridge over the river Po at Mezzana Corte was completed temporary during the month, safe for winter. this opens direct line Milano-Genoa.

Electric traction most double way.

Single line with temporary steel work completed, safe for winter.

c) Line 53 : Torino-Milan - Reconstruction of permanent bridge over the river Ticino is proceeding, the line is open for traffic.

d) Line 101 : Pinerolo-Torrefelice - Repairs delayed at bridge over the river Chisone owing to floods.

e) Line 123 : Novara-Domodossola - Bridge over the river Lancia permanent repairs completed.

f) Line 50 : Torino-Genova - Bridge over the river Po works suspended owing to floods.

g) Line 105 : Savigliano-Saluzzo - Bridge over the river Baraite work delayed by floods.

h) Line 108 : Savona-Carmagnola - Bridge over the river Pesio permanent repairs completed.

i) Lines 50 and 6I : Giovi Branch Line - Bridge over the river Scrivia temporary bridge completed.

j) Line 6I : Tortona-Arquata - Bridge over the river Stazzano Serravalle temporary repair completed.

k) Line 50 : Genoa-La Spezia - Viaduct S.Michele temporary repair completed.

l) Line 50 : Turin-Genoa - Bridge over the river Scrivia at Stezzano temporary bridge completed.

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Bridge at Piano Orizzontale Giovi permanent reconstruction

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b) Line 6I : Bridge over the river Po at Mezzana Corte was completed temporary during the month, safe for winter. this opens direct line Milano-Genoa.

Electric traction most double way.

Single line with temporary steel work completed, safe for winter.

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f) Line 50 : Torino-Genova - Bridge over the river Po works suspended owing to floods.

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k) Line 50 : Genoa-La Spezia - Viaduct S.Michele temporary repair completed.

l) Line 50 : Turin-Genoa - Bridge over the river Scrivia at Stezzano temporary bridge completed. 3193

Bridge at Piano Orizzontale Giovi permanent reconstruction completed.

m) Line 66 : Alessandria-Piacenza - and line 6I - Voghera-Pavia - Should be opened for traffic about the 7th December 45.

n) Line 6I : Genoa Port - 2 tunnels at S.Nazzaro and Santia completed. The work on the tunnels at Molo Nuovo and Assoreto should be completed about the middle of 1946.

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Genoa-Port Tracks : The major repairs to the various Moles are unsatisfactory owing to shortage of material, this has been asked for from the M.R.S. but are awaiting the decision by the British War Office.

o) Line 61 : Genoa-French Border - Temporary repairs completed.

p) Line 64 : Milan-Domodossola - Bridge over the river Ticino at Sesto Calende, work delayed by bad weather, temporary steel-bridge safe for winter, should be completed now on the end of November.

Same line - km 4 - Temporary repair of viaduct completed. Track by Mergozzo and Guzzano half km awaiting sleepers.

q) Line 163 : Pavia-Mantova - via Codogna - Bridge over the river Adda near Pizzeghettone temporary repair delayed by bad weather, should be completed early in December.

r) Line 66 : Alessandria-Piacenza - Bridge over the river Trebbia near S.Nicola repairs delayed by bad weather, trains running over diversion.

s) Line 155 : Parma -SAn Zeno - Bridge over the river Oglio near Cannetto work delayed by bad weather, temporary repair should be completed middle of December.

Bridge over the Po at Casale-Maggiore also delayed by bad weather, should be completed end of February 1946.

t) Line 65 : Arezzo-Florence - Section Florence to San Giovanni for the Lignite Mine should be opened in about 2 months, awaiting release by the M.R.S. of Roth Wagner Bridging Material, these materials are now in course to be handed over to Section San Giovanni - Arezzo, should be completed about April 1946.

Orte - Chiusi : Bridge at km 65.9 delayed owing to weather condition, remainder of line should be completed early in 1946.

u) Line 50 : Rosignano - Leghorn - Work is in progress on this section and there are possibilities of it being opened about the middle of 1946.

v) Line 220 : Chiusi - Empoli - The line Chiusi to Sinalunga should be opened in December, the remainder of the line in February 46.

w) Lines 62 and 63 : Fornova - Sarzana - Work is proceeding and is yet early to give an estimate of the date of completion. Lines opened during November.

x) Line 62 : Parma - Fornova - and Line 50 - Pisa-La Spezia-Sarzana-Monterollo - Line 61 - Milan-Genoa - Lines opened during the month of November.

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q) Line I63 : Pavia-Mantova - via Codogna - Bridge over the river Adda near Pizzeghettone temporary repair delayed by bad weather, should be completed early in December.

r) Line 66 : Alessandria-Piacenza - Bridge over the river Trebbia near S.Nicola repairs delayed by bad weather, trains running over diversion.

s) Line I55 : Parma -SAn Zeno - Bridge over the river Oglio near Cannetto work delayed by bad weather, temporary repair should be completed middle of December.

Bridge over the Po at Casale-Maggiore also delayed by bad weather, should be completed end of February I946.

t) Line 65 : Arezzo-Florence - Section Florence to San Giovanni for the Lignite Mine should be opened in about 2 months, awaiting release by the M.R.S. of Roth Wagner Bridging Material, these materials are now in course to be handed over to Section San Giovanni - Arezzo, should be completed about April I946.

Orte - Chiusi : Bridge at km 65.9 delayed owing to weather condition, remainder of line should be completed early in I946.

u) Line 50 : Rosignano - Leghorn - Work is in progress on this section and there are possibilities of it being opened about the middle of I946.

v) Line 220 : Chiusi - Empoli - The line Chiusi to Sinalunga should be opened in December, the remainder of the line in February 46.

w) Lines 62 and 63 : Fornova - Sarzana - Work is proceeding and is yet early to give an estimate of the date of completion. Lines opened during November.

x) Line 62 : Parma - Fornova - and Line 50 - Pisa-La Spezia-Sarzana-Monterollo - Line 6I - Milan-Genoa - Lines opened during the month of November.

y) Lines owing to the unprecedenting rainfall early in November following damages were reported :
Line 53 interrupted at Vercelli, Brandizza, Chiavasso,
Line 57 - Alessandria - Mortara bridge over the river Po.
Line I23 - Casale Montaura Bridge over the river Po at Monferrata and bridge over the river Sessia line I2I, bridge at Carenna and bridge at S. Martino; also the lines Moretta Cavaller-maggiore, Alessandria-Piacenza are interrupted.

Traffic over Ostiglia bridge was suspended due to flood conditions but no serious damages were sustained.

The flood also caused the suspension of work on the temporary repairs of the main bridge.

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MONTHLY REPORT

30 October 1945

North Italy.

Monthly Report
Oct 45

(Turin).

Line 50	Torino - Genova
Line 55	Santhia - Arona Completed
Line 121	Chivasso - Aosta
Line 114	Asti - Chivasso completed
Line 56 bis	Asti -Casale - Mortara
Line 52	Trofarello - Cuneo
Line 108	Savona - Carmagnola
Line 123	Novara - Domodossola
Line 113	Chivasso - Casale
Line 52	Cuneo - Ventimiglia
Line 50	Turin - Modane with M.B.S.
Line 55 bis	Vignale - Varallo Sesia
Line 57	Mortara - Alessandria
Line 117	Castagnole L. - Asti.
Line 103	Torino - Cuneo
Line 101	Airasca - Torre Pellice
Line 111	Ceva - Savigliano.
Line 110	Ceva - Ormea
Line 109	Cuneo - Mondovi
Line 53	Milano - Torino.

(Genova).

	Genova Docks & Port Sidings
Line 130	Ovada - Alessandria
Line 59	Alessandria - Piacenza
Line 129	Genova - Ovada - Asti
Line 61	Genova - Ventimiglia with M.B.S.
Line 50	Genova - Sarzana.
Line 105	Savigliano - Saluzzo.

(Milano).

Line 54	Milano - Domodossola
Line 65	Milano - Piacenza
Line 61	Milano - Tortona
Line163	Mantova - Pavia

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Line 114	Asti - Chivasso completed
Line 56 bis	Asti -Casale - Mortara
Line 52	Trofarello - Cuneo
Line 108	Savona - Carmagnola
Line 123	Novara - Domodossola
Line 113	Chivasso - Casale
Line 52	Cuneo - Ventimiglia
Line 50	Turin - Modane with M.R.S.
Line 55 bis	Vignale - Varallo Sesia
Line 57	Mortara - Alessandria
Line 117	Castagnole L. - Asti.
Line 103	Torino - Cuneo
Line 101	Airasca - Torre Pellice
Line 111	Ceva - Savigliano.
Line 110	Ceva - Ormea
Line 109	Cuneo - Mondovi
Line 53	Milano - Torino.

(Genova).

	Genova Docks & Fort Sidings
Line 130	Ovada - Alessandria
Line 59	Alessandria - Piacenza
Line 129	Genova - Ovada - Asti
Line 61	Genova - Ventimiglia with M.R.S.
Line 50	Genova - Sarzana.
Line 105	Savigliano - Saluzzo.

(Milano).

Line 54	Milano - Domodossola
Line 65	Milano - Piacenza
Line 61	Milano - Tortona
Line163	Mantova - Pavia
Line 146	Milano - Sondrio
Line 153	Rovato - Calciaiocorte
Line 156	Brescia - Cremona (Verona Compartimento)
Line 155	Brescia - Parma
Line 53	Milano - Venezia 3101
Line 66	Piacenza - Alessandria.
Line 158	Cremona - Videnza
Line 150	Colico - Chiavenna
Line 26	Private Railway Rovato - Soncino Major : bridge repair.

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(Venezia).

Line 53	Vicenza - Venezia
Line 71	Mestre - Udine
Line 84	Mestre - Porto-gruaro
Line 85	F. Po - Padova
Line 165	Rovigo - Chioggia
Line 174	Mestre - Primolano
Line 175	Bassano - Camposanpiero
Line 176	Padova - Calalzo
Line 177	Conegliano - Ponte sulle Alpi
Line 180	Vicenza - Treviso
Line 181	Treviso - Portogruaro
Line 182	Casarsa - Gemona
Line 183	Motta - S.Vito
Line 184	Sacile - Pinzano
Line 186	Montebelluna - Susegana
Line 187	Portogruaro - Sarsena

(Bologna).

Line 69	Ostiglia bridge over river Po
Line 65	Bologna - Piacenza
	Bologna sidings and track

South Italy.

Line 86 North	Permanent repair to 17 bridges
Line 86 Central	Permanent repair to traction buildings & 2 tunnels
Line 86 South	Permanent repair to 2 bridges
Line 87	Permanent repair to 8 bridges
Line 65	Prato - Bologna, permanent repairs
Line 65	Arezzo - Florence
Line 219	Pisa - Empoli - Florence, permanent works
Line 220	Chiusi - Sinalunga - Empoli
Line 50	Pisa - La Spezia
Line 218+224	Viareggio - Pistoia
Line 65	Orte - Chiusi, Permanent reconstruction.
Line 65	Rio Torto Viaduct.
Line 246	Giulianova - Teramo, open to traffic.
Line 242	Albacina - Civitanova, should be open Nov. 15.
Line 245	Porto D'Ascoli - Ascoli Piceno, awaiting use of crane to complete.
Line 277	Terni - Rieti
Line 277	Antrodoco - L'Aquila
Line 244	Bastia - Ellera

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Line 183	Motta - S.Vito
Line 184	Sacile - Pinzano
Line 186	Montebelluna - Susegana
Line 187	Portogruaro - Sarsena

(Bologna).

Line 69	Ostiglia bridge over river Po
Line 65	Bologna - Piacenza
	Bologna sidings and track

South Italy.

Line 86 North	Permanent repair to 17 bridges
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Line 65	Prato - Bologna, permanent repairs
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Line 219	Pisa - Empoli - Florence, permanent works
Line 220	Chiusi - Sinalunga - Empoli
Line 50	Pisa - La Spezia
Line 218+224	Viareggio - Pistoia
Line 65	Orte - Chiusi, Permanent reconstruction.
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Line 246	Giulianova - Teramo, open to traffic.
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Line 245	Porto D'Ascoli - Ascoli Piceno, awaiting use of crane to complete.
Line 277	Terni - Rieti
Line 277	Antrodoco - L'Aquila
Line 244	Bastia - Ellera
Line 65	Prato - Vernia
Line 281	Avellino - Benevento
Line 294	Avellino - Rocchetta
Line 291	Torre Annunziata - Cancello
	Ofanto Viaduct
Line 83	Pescara Chieti
	Biferno bridge
	Naples Central - Naples Scali.
Line 88	Rome - Avezzano
Line 50	Loco Depot. Leghorn Centrale
	Loco Depot. Rome smistamento

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Line 50	Dispensa river bridge
Line 279	Ferrazzano tunnel (Campobasso)
	Work Shops Cagliari
Line 260	Rome - Ciampino - Albano
Line 500	Central station, Civitavecchia
	Loco round house Rome S.Lorenzo
	Warehouse Rome Tiburtina
	Yard Rome smistamento
	Various buildings, Naples
Line 92	Bridge Torre Annunziata - Castellammare
Line 258	Cecchina Vellstri
Line 221	Montepescali - Roccastrada
	I.R.I. offices Naples.
Line 279	Termoli - Campobasso
Line 62	Formovo - Sarzana
Line 63	ditto.
Private Rly.	Lauria Viaduct
" "	Terni - Todi - Perugia
" "	Ellera - Pietrafitta
" "	Porto S.Giorgio - Amandola

(Final note).

Line 86 and 87 and North work stopped owing to non delivery of cement from Monopoli (Bari) - I.R.I. Engr. Section these state that cars are only spotted at factory in two's and three's, factory loading capacity ten cars per day. This has been taken up. Two trains of 400 tons each now promised for Nov. 14 and 17th respectively.

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Line 279	Termoli - Campobasso	
Line 62	Fornovo - Sarzana	
Line 63	ditto.	
	Private Rly.	Lauria Viaduct
	" "	Terni - Todi - Perugia
	" "	Ellera - Pietrafitta
	" "	Porto S.Giorgio - Amandola

(Final note).

Line 86 and 87 and North work stopped owing to non delivery of cement from Monopoli (Bari) - I.S.E. Engr. Section these state that cars are only spotted at factory in two's and three's, factory loading capacity ten cars per day. This has been taken up. Two trains of 400 tons each now promised for Nov. 14 and 17th respectively.

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Folio 15

M E M O

MONTHLY REPORT

2. CIVIL ENGINEERING

a) Authority for financial approval is now handed over to Minister of Transport - w.e.f. 15th October 45, no lists of authorisied expenditure for the current month has been received.

b) Line 61 : Bridge over the River Ticino at Pavia was opened to traffic Sept.26th so that now there is only one track at Mezzana Corte, this should be completed early in November.

c) Line 65 : The provvisonal bridge over the River Po at Piacenza opened for traffic 14th Oct. line then through to Bologna.

d) Main line 54 : Milan - Domodossola - the bridge over the River Ticino, at Sesto Calende should be open with a temporary bridge, safe for Winter about the end of December.

e) Line 85 : Rovigo - Bologna should be completed with temporary bridges safe for Winter by 1st December.

f) Sidings Port of Genoa : issue of material authorised and the work in hand.

g) Sidings at Bologna : The additional authorised layout second phase well in hand, this should relieve the traffic congestion.

h) Field Engineers continued the supervision of the reconstruction in the various Compartimenti, and are making arrangements to hand over to I.S.R.

i) The lack of cement has again been responsible for the delay to and stoppage of the work, for example line 86 North was completely stopped and on line 65 the urgent work of Tunnel repair, to make the line safe for Winter was considerably slowed up. Electrification work on line 65 Bologna - Milan was held up and 700 tons was supplied by M.R.S. to keep this work moving. The cause is partly lack of waggons, Bari is especially at fault in this respect. The difficulty the I.S.R. have in obtaining releases, and the lack of containers. The situation may improve, with the arrival of Tarpaulins this will enable open cars to be used.

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Tel. ROME 54[illegible] (Firebox)
ext [illegible]

ALLIED FORCE
MILITARY RAILWAY SERVICE ITALY
OFFICE OF THE DIRECTOR (DMRSI)

Tn.A.3(E)/9.

Subject:- Railway Re-electrification.

22 Nov. 1945.

To:- D.Tn.

Copy to:- A.D.Tn.3.
Servizio Lavori e Costruzioni
HQ Italian State Railway.
A.C. Transportation Rails.
(Attention Eng. SAVIO).

1. Further to my Tn.A.3(E)/9 dated 18 Oct. 1945.

2. Herewith, report and revised estimated completion date for re-electrification of Italian State Railway lines now undergoing rehabilitation.

3. VERONA - TRENTO (Line 69).

Estimated completion date 31 December 1945.

The section ALA - TRENTO (40 Kms) is complete and operating electrically. Double line working from ROVERETO to TRENTO, single line working between ALA and ROVERETO. VERONA to DOMEGLIARA section (20 Kms) is also complete but lack of adequate accommodation for housing control staff and locomotives at DOMEGLIARA has prevented this section working electrically until the 32 Km. stretch between DOMEGLIARA and ALA has been completed. Two mobile substations are required for this section VERONA - TRENTO one at SERRAVALLE and the other at CERAINO.

4. BOLOGNA - VERONA (Line 69).

The original re-electrification programme for this section has been completed but owing to the increase in traffic at BOLOGNA Central it is not possible as yet to work full electrical operation and a mixed service of steam and electrical is now under way.

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4. BOLOGNA - VERONA (Line 69).

The original re-electrification programme for this section has been completed but owing to the increase in traffic at BOLOGNA Central it is not possible as yet to work full electrical operation and a mixed service of steam and electrical is now under way.

Complete electrical operation will be possible about the middle of December 1945 when it is hoped to complete the installation of one fixed 3000 Kw rectifier group at S. VIOLA substation BOLOGNA which will assist the mobile substation ABB 24 now energising the BOLOGNA area. Wiring of BOLOGNA Smistamento and various other sidings requested by the I.S.R. Sezione Trazione will also be completed.

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5. BOLOGNA - VERONA (Line 65).

Complete and operating electrically.

6. FLORENCE - VERONA (Line 65).

There are many diversions due to blockage of tunnels on this section and an accurate completion date is not possible. Erection of 3000 Volt contact wire, poles and brackets is progressing as the tunnels are cleared.

7. BOLOGNA - PIACENZA (Line 65).

Estimated completion dates are:-

PIACENZA - PARMA	31 January 1946.
PARMA - BOLOGNA	28 February 1946.

Good progress is being made on repairs to fixed substations at PIACENZA (one 2000 K.W. unit now in service) FIDENZA and PARMA. RUBIERA substation is badly damaged and a mobile substation will be required for at least six months. 200 tons of copper contact wire has been delivered to various sites along the section, erection of which is in he hands of the firm SOCIETA ANONIMA ELETTRIFICAZIONI (S.A.E.).

Difficulty is being experienced by the firms of BROWN BOVERI, BREDA and C.G.E. of MILAN in manufacturing the special items of equipment needed for replacing those removed by the Germans, this applies especially to slow speed pump motorrs and Thyratron valves.

The recent closing of the Po bridge at OSTIGLIA resulted in a great deal of extra traffic being diverted over this section and during this period it was virtually impossible to obtain line occupations in order that squads could erect the 3000 volt overhead contact line. Efforts are being made to obtain two three hour occupations per day during daylight.

8. VILLA LITERNO - AVERSA (Line 89).
NAPLES - TORRE ANNUNCIATA (Line 94).

Both these sections are complete and final adjustments to the mobile substation installed at VILLA LITERNO are now in hand. Electrical operation should be possible by the end of Nov. 1945.

Declassified E.O. 12356 Section 3.3/NND No. 782021

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8. VILLA LITERNO - AVERSA (Line 82).
NAPLES - TORRE ANNUNZIATA (Line 94).

Both these sections are complete and final adjustments to the mobile substation installed at VILLA LITERNO are now in hand. Electrical operation should be possible by the end of Nov. 1945.

9. ROME - ORTE (Line 65). 3098

Estimated completion date 31 Dec. 1945.

Copper contact wire is now being erected on this section. Rectifier cylinder and transformer for FARRA SABINA fixed substation are now on site but a certain amount of delay has arisen in the manufacturing of the main switch panel, but it is hoped to take delivery of this before the end of November.

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10. ROME - VILLA LITERNO (Line 89).

There is no electrical equipment what so ever on this section and although repairs to existing substation buildings are going ahead it is impossible to give an actual estimated completion date until the raw materials needed for the manufacture of the required electrical equipment arrives in this country.

11. I would like to point out that the majority of the electrified lines in Italy today, excluding the MILAN - TURIN Compartimenti, are operating either with fixed substations containing only one 2000 KW rectifier unit whereas normal design caters for three units or, if the fixed substation has been damaged beyong repair a mobile substation has been installed which again consists of one 2000 KW unit. This means that all installations are working to full capacity 24 hours per day and should a substation fail as recently occurred at CHIUSA substation (Line 87) there is no stand by equipment for carrying the load.

Mobile substations were never intended for continous working but were originally designed for temporary working in cases where single rectifier units were out of service for overhaul and, owing to the compactness of the installation, should a breakdown occur, other equipment must almost invariably suffer damage due to lack of adequate clearance between items of electrical machinery. A typical example of this was the mobile substation AAN 42 which failed at FOSSATO (Line 87) on 13 November last when an anode insulator broke down allowing the rectifier anode to flash across to earth damaging other equipment in the vicinity of the rectifier which has resulted in a major repair.

F.C. Lyon
S/Capt., R.E.
Tn.3(Elect).

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Declassified E.O. 12356 Section 3.3/NND No. 782021

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S/Capt., R.E.
Th.3(Elect).

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SUMMARY OF WORKS IN HAND.

North Italy.

(Turin).

Line 50	Tdrino - Genova
Line 55	Santhia - Arona
Line 121	Chivasso - Aosta
Line 114	Asti - Chivasso
Line 56 bis	Asti - Casale - Mortara
Line 52	Trofarello - Cuneo
Line 108	Savona - Carmagnola
Line 123	Novara - Domodossola
Line 113	Chivasso - Casale
Line 52	Cuneo - Ventimiglia
Line 50	Turin - Modane with M.R.S.
Line 55 bis	Vignale - Varallo Sesia
Line 57	Mortara - Alessandria
Line 117	Castagnole L. - Asti
Line 103	Torino - Cuneo
Line 101	Airasca - Torre Pellice
Line 111	Ceva - Savigliano.

(Genova).

Line 130	Ovada - Alessandria
Line 59	Alessandria - Piacenza
	Genova Docks
Line 129	Genova - Ovada - Asti
Line 61	Genova - Ventimiglia with M.R.S.
Line 50	Genova - Sarzana.

(Milano).

Line 53	Milano - Torino
Line 147	Milano - Bergamo
Line 65	Bologna - Milano
Line 61	Milano - Tortona
Line 163	Mantova - Pavia
Line 146	Milano - Sondrio

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Line 123	Novara - Domodossola
Line 113	Chivasso - Casale
Line 52	Cuneo - Ventimiglia
Line 50	Turin - Modane with M.R.S.
Line 55 bis	Vignale - Varallo Sesia
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Line 61	Milano - Tortona
Line 163	Mantova - Pavia
Line 146	Milano - Sondrio
Line 153	Rovato - Calolziocorte
Line 160	Milano - Cremona
Line 156	Brescia - Cremona
Line 155	Brescia - Parma
Line 53	Milano - Venezia

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This is near the end
I want the cover sheets
for OCTOBER

0075

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South Italy.

Line 86 North	Permanent repair to 17 bridges
Line 87	Permanent repair to 8 bridges
Line 65	Prato - Bologna, permanent repairs
Line 65	Arezzo - Florence
Line 219	Pisa - Empoli - Florence, permanent works.
Line 220	Chiusi - Sinalunga - Empoli
Line 50	Pisa - La Spezia
Line 218+224	Viareggio - Pistoia
Line 65	Orte - Chiusi, permanent reconstruction.
Line 65	Ric Torto Viaduct
Line 246	Giulianova - Teramo
Line 242	Albacina - Civitanova
Line 245	Porto D'Ascoli - Ascoli Piceno
Line 277	Terni - Rieti
Line 277	Antrodoco - L'Aquila
	Private Rly. Lauria Viaduct.
	Private Rly. Terni - Todi - Perugia.
Line 244	Bastia - Ellera
	Private Rly. Ellera - Pitrafitta.
Line 65	Prato - Vernio
	Permanent bridge over river Ostiglia
Line 281	Avellino -Benevento
Line 294	Avellino - Rocchetta
Line 291	Torre Annunziata - Cancello
	Ofanto Viaduct
Line 83	Pescara - Chieti
	Biferno bridge
	Naples Central - Naples Scali
Line 68	Rome - Avezzano
Line 50	Loco Depot. Leghorn Centrale
	Loco Depot. Rome smistamento
Line 50	Dispensa river bridge
Line 279	Ferrazzano tunnel (Campobasso)
	Work Shops Cagliari
Line 260	Rome - Ciampino - Albano
Line 500	Central Station, Civitavecchia
	Loco round house Rome S.Lorenzo
	Warehouse Rome Tiburtina
	Yard Rome smistamento
	Priv. Rly.Porto S.Giorgio - Amendola
	Various buildings, Naples
Line 92	Bridge Torre Annunziata - Castellammare
Line 258	Cecchina - Velletri
Line 221	Montepescali - Roccastrada
	I.S.R. offices Naples.

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Line 65	Orte - Chiusi, permanent reconstruction.
Line 65	Ric Torto Viaduct
Line 246	Giulianova - Teramo
Line 242	Albacina - Civitanova
Line 245	Porto D'Ascoli - Ascoli Piceno
Line 277	Terni - Rieti
Line 277	Antrodoco - L'Aquila
	Private Rly. Lauria Viaduct.
	Private Rly. Terni - Todi - Perugia.
Line 244	Bastia - Ellera
	Private Rly. Ellera - Pitrufitta.
Line 65	Prato - Vernio
	Permanent bridge over river Ostiglia
Line 281	Avellino -Benevento
Line 294	Avellino - Rocchetta
Line 291	Torre Annunziata - Cancelle
	Ofanto Viaduct
Line 88	Pescara - Chieti
	Biferno bridge
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Line 88	Rome - Avezzano
Line 50	Loco Depot. Leghorn Centrale
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Line 50	Diapensa river bridge
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Declassified E.O. 12356 Section 3.3/NND No. 785021

SPR/em

TRANSPORTATION SUB-COMMISSION, A.C.,
(RAIL DIVISION)
c/o.Transportation (Br) Main,
C.M.F.

Tel : 843239
Ref : AC/Tn/15/C.R.

5th September 1945.

Subject : Monthly report August 1945.

To : Chief of Rail Division

1. Attached is a list of the work in hand and also detailed reports on same.

2. During the month all work has been seriously delayed due th the difficulties, in obtaining c ment, petrol, and steel.

3. The delay in securing cement was due to the fact that although the requests for release of cement was passed to the Ministry of Industry and Commerce before the end of July no release was obtained until the middle of August. Shortage of covered wagons and no availability of bags also increased the delay.

4. The shortage of petrol was most acute in the Florence area where work in some cases is entirely held up noticeably on the Florence - Arezzo line, where a crane obtained on loan from M.R.S. has been idle for 10 days due entirely to lack of petrol.
A meeting was held with the Ministry of Industry and Commerce who promised to issue orders giving priority to railway reconstruction, but when the orders reached Florence the whole of the allocation for August had been distributed, with the result that the contractors received none.

5. The failure to obtain steel for repairs to bridges, has prevented lines 242, 245, 246, and also the Terni - Rieti Line from being finished.
Permission has now obtained for the reuse of girders recovered from bridges which have been permanently repaired.

6. Line 244 Bastia - Ellera was completed on August 30th but the connection to the lignite mines at Pietrafitta could

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Permission has now obtained for the reuse of girders recovered from bridges which have been permanently repaired.

6. Line 244 Bastia - Ellera was completed on August 30th but the connection to the lignite mines at Pietrafitta could not be completed due to the failure of a petrol tractor. The contractor requested transport from Capt. Bowes in Venice on 24th August. Capt. Bowes refused to make a railway wagon available without authority from this H.Q. this has caused a delay of ten days and it will be impossible to open the line till the 15th Sept.

7. The work of making safe, many temporary repairs, for the winter is well in hand notably lines 86 North, 87 and 65 Prato - Bologna.

8. During the month Lt. Skouse reported for duty and was posted to supervise the work in the Bologna and Florence division

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MONTHLY REPORT FOR APRIL 1945

Line 86 Central.

All bridges, culverts, tunnels and Permanent way from Ortona to Castellana tunnel Ancona completed and line open to traffic.

Pescara

Engine shed. Main building completed with exception of glazing and plastering. Machine shops and offices completed. Stores 50% completed. Station buildings accomodation as requested completed.

Ancona Castellana tunnel job N° AC/86/175.

South End. Length of reconstruction 195 metres.
Slip on East side still moving at 1 metre per day on a length of 70 metres.
40 and 25 metres section of cutting completely filled.
56 metres length of side wall on east side completed at three separate sections.
74 metres length of side wall on west side completed at three separate sections.
36 metres length of arch completed at three separate sections.
56 metres length of invert completed at three separate sections.
Section 40% completed.

North End. Length of reconstruction 100 metres.
Slip now steady.
82 metres East side wall completed in two sections.
69 metres length of west side wall completed in two sections.
32 metres of arches completed in two sections.
67 metres of invert completed in two sections.
18 metres length up to springing level to excavate, build walls arches and invert after which this and is ready for laying P. way.
Section 70% completed.

Job AC/86/176. Repair to bridge at 206+76 Km.
Abutments complete ready for steelwork.
Job 80% completed.

Job AC/86/177. Excavation completed track laid ready for traffic. No start has been made on rebuilding brick barrel. Cutting perfectly safe.

3091

Ancona Engine Shed.

Main Pit Shed. Walls completed and shuttering erected for reinforced concrete trusses. All other sheds timber trusses completed and battened. Job awaiting tiles.
Job 70% completed.

Declassified E.O. 12356 Section 3.3/NND No. 782021

Slip on East side still moving at 1 metre per day on a length of 70 metres.
40 and 25 metres section of cutting completely filled.
56 metres length of side wall on east side completed at three separate sections.
74 metres length of side wall on west side completed at three separate sections.
36 metres length of arch completed at three separate sections.
56 metres length of invert completed at three separate sections.
Section 40% completed.

North End. Length of reconstruction 100 metres.
Slip now steady.
82 metres East side wall completed in two sections.
64 metres length of west side wall completed in two sections.
32 metres of arches completed in two sections.
67 metres of invert completed in two sections.
18 metres length up to springing level to excavate, build walls arches and invert after which this and is ready for laying P. way.
Section 70% completed.

Job AC/86/176. Repair to bridge at 206+76 Km.
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3.91

Ancona Engine Shed.

Main Pit Shed. Walls completed and shuttering erected for reinforced concrete trusses. All other sheds timber trusses completed and battened. Job awaiting tiles.
Job 70% completed.

Line 86 North

Arzilla River Bridge. Contract let to Impresa Garbarino. Rail clusters in position. Total cement for job delivered to site.
Job 5% completed.

Foglia River Bridge at 143+81 Km. Contract let to Impresa Garbarino. Contractor taken over site. All cement for job delivered to site.
Job 2% completed.

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Tarallo River bridge at129+80 Km. } Drawings prepared,out to tender.
Maranello River bridge at 120+41 Km. } Prices to reach office Ancona.
Marano River bridge AT 118+17 Km. } 10 June.

Esino River bridge at192+85 Km. — Completed with exception of parapet walls. 95% completed.

Metauro River bridge at 159+80 Km. — 6 more arches and parapet walls over entire length to be built to complete work.

Job 70% completed.

Line 87.-

Viaduct at 209+89 } Drawings prepared out to
Esino River bridge at 241+90 Km. } tender. Prices to reach
Esino River bridge at 236+18 Km. } office at Ancona.
Balduini tunnel. Rebuilding damaged lining } 10 June.

Declassified E.O. 12356 Section 3.3/NND No. 785021

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Declassified E.O. 12356 Section 3.3/NND No. 785021

MINISTERO DEI TRASPORTI

FERROVIE DELLO STATO
DIREZIONE GENERALE

SERVIZIO LAVORI

Roma 23 OTT 1945 194

N. L.5/13/61/95

Al N. ... del ...

OGGETTO

Rapporti mensili andamento lavori.

ALLEGATI N. 8

AL SIG. COLONNELLO STREET
Sottocommissione Trasporti
Piano 3° Stanza 52.
S E D E

1) Si trasmettono i rapparti mensili riguardanti il mese di settembre 1945.
2) Si fa presente che i rapporti relativi alle linea A.C.65 - Arezzo - Firenze (tratta dal n° A.C.65/1011 al n° A.C. 65/1016); A.C.50 Pisa - La Spezia (dal N°A.C.50/1001 al n°A.C.50/1003); A.C.220 Chiusi - Empoli (dal n°A.C.220/1001 al n°A.C.220/1004), vengono trasmessi direttamente a codesta Sottocommissione dalla Sezione Lavori di Firenze tramite l'Ing. RICHARD, e pertanto questo Servizio sospende la comunicazione dei dati relativi.
3) Non essendo pervenute ancora le notizie da Napoli, già spedite, i dati di avanzamento dei lavori per Napoli Centrale, per la linea A.C.291 Cancello - Torre Annunziata, e per le linee A.C. 282 Torre Annunziata - Castellammare di Stabia ed A.C. 279 Cam=pobasso - Benevento(galleria Ferrazzano) verranno comunicati appena arriveranno.
4) Si fa presente infine che per la linea A.C.90 Roma - Cassino - Napoli, i dati relativi ai ponticelli sulla tratta Cassino - Napoli, di cui la precedente lettera n°L.5/13/42039 del 12 agosto u.s., verranno comunicati con il rapporto del mese di ottobre..

3089

IL CAPO DEL SERVIZIO

TN.3 ELECTRIFICATION SECTION
MONTHLY REPORT FOR AUGUST 45

Tn.A.3(E)/9

To:- D;Tn.

Copy to: Tn.1.

Transportation Sub-Commission A.C. (Rails)
(Att. Ing. Savio)

A. General.

The re-electrification of the Italian State Railways is proceeding steadily on those sections where direct military supervision is being carried out but owing to the diminishing number of military technical personnel available for the work direct supervision has been possible only on the Grizzana - Bologna and Bologna - Trento sections in N.Italy and Orte - Falconara in Central Italy. Progress has been slow on other sections where no direct contact can be provided, due primary to diversion of material and equipment to the more important lines, these being the section under direct military supervision.

Southern Italy.

Reconstruction of lines in the Naples Compartimento is continuing and progress has shown a slight improvement on the previous month as new copper contact wire became available.

Re-energisation of the Villa Literno - Aversa section of the Rome - Naples line by means of a mobile substation stationed at Villa Literno, is due to commence on the 15th September but it is very doubtful if the required electrical power can be made available before the beginning of October.

The electric powers system in Southern Italy is dangerously overloaded at the present time due to lack of rain and no appreciable increase in available electricity from hydro sources is contemplated before the end of September.

Present indications are that the 150,000Volt H.T. Transmission line, now under repair connecting the Central Grid System to the grid network of Southern Italy will be completed during the month of October. This transmission line will enable surplus energy in Central Italy to be transferred to the Southern grid and meet the electric traction demand.

3088

Central Italy.

The reconstruction of the Orte - Falconara line is

Declassified E.O. 12356 Section 3.3/NND No. 782021

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Re-energisation of the Villa Literno - Aversa section of the Rome - Naples line by means of a mobile substation stationed at Villa Literno, is due to commence on the 15th September but it is very doubtful if the required electrical power can be made available before the beginning of October.

The electric powers system in Southern Italy is dangerously overloaded at the present time due to lack of rain and no appreciable increase in available electricity from hydro sources is contemplated before the end of September.

Present indications are that the 150,000Volt H.T. Transmission line, now under repair connecting the Central Grid System to the grid network of Southern Italy will be completed during the month of October. This transmission line will enable surplus energy in Central Italy to be transferred to the Southern grid and meet the electric traction demand.

Central Italy.

3088

The reconstruction of the Orte - Falconara line is practically complete and the direct military supervision will be withdrawn as from 15th September.

Electrification of the Falconara Triangle has been held up for the lack of materials but completion is expected by the 25th September.

Permission has now been granted by the H.Q. RAF, MEDME, for reconstructing the 130 KV H.T. lines and pylons which skirt the Falconara airfield. It is proposed to instal a mobile sub-station and telephonic filter car on the Falconara substation site, which will supply power for electric working through to Ancona.

/to Sheet 2.....

Declassified E.O. 12356 Section 3.3/NND No. 782021

Northern Italy.

The reconstruction of the line Grizzana - Bologna and Bologna - Trento is progressing smoothly under military supervision of the 2611 Electric Power Transmission Co. (U.S), but lack of track occupation has been delaying the erection of overhead contact wire. Completion date for Verona - Bologna section is mid-September but lack of track occupation will probably delay the date to the end of September.

Nine Telephonic Filter Cars are required for use with mobile substations on the lines North of Bologna as the filters previously installed in the fixed substations are damaged beyond repair. These are in addition to the three already under construction at Naples. Difficulty is being experienced in finding suitable firms to manufacture these cars but it is hoped that the Compagnia Generale di Elettricita or Brown Boveri workshops in Milan will undertake the construction of the cars.

In the Trieste area all main lines previously electrified are now working electrically with the exception of the section Gorizia - Udine, but on completion of bridge construction re-electri fication will be carried out, thereby bringing into use the whole of the original electric traction system in that area.

B. Orte - Falconara Line 87.

Testing of Genga substation Nº 2 Conversion Group was completed on 30th August on which date it was placed into service and has since operated satisfactory.

Genga substation Group Nº 1 is still out of service due to a fault in the rectifier transformer. Repairs will be carried out at the Compagnia Generale di Elettricita works in Milan.

Mobile substations ABB 42 will be transferred from Genga to Fossato substation on 15th September, this being the estimated completion date for construction of telephonic filter car for use with this mobile substation.

Substations.

Guincane. Both rectifier conversion groups in service.

Foligno. Nº 1 rectifier conversion group in service.

Fossato. Mobile substation ABB42 will be transferred from Genga to Fossato substation and is expected to commence operation about 25th September. 3.87

Genga. Nº 2 Rectifier conversion group in service.
Nº 1 Rectifier conversion group out of service due to fault in rectifier transformer.

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previously installed in the fixed substations are damaged beyond repair. These are in addition to the three already under construction at Naples. Difficulty is being experienced in finding suitable firms to manufacture these cars but it is hoped that the Compagnia Generale di Elettricita or Brown Boveri workshops in Milan will undertake the construction of the cars.

In the Trieste area all main lines previously electrified are now working electrically with the exception of the section Gorizia - Udine, but on completion of bridge construction re-electrification will be carried out, thereby bringing into use the whole of the original electric traction system in that area.

B. Orte - Falconara Line 87.

Testing of Genga substation No 2 Conversion Group was completed on 30th August on which date it was placed into service and has since operated satisfactory.

Genga substation Group No 1 is still out of service due to a fault in the rectifier transformer. Repairs will be carried out at the Compagnia Generale di Elettricita works in Milan.

Mobile substations ABB 42 will be transferred from Genga to Fossato substation on 15th September, this being the estimated completion date for construction of telephonic filter car for use with this mobile substation.

Substations.

Quincana. Both rectifier conversion groups in service.

Foligno. No 1 rectifier conversion group in service.

Fossato. Mobile substation ABB42 will be transferred from Genga to Fossato substation and is expected to commence operation about 25th September.

Genga. No 2 Rectifier conversion group in service.
No 1 Rectifier conversion group out of service due to fault in rectifier transformer.

The following is a summary of electric operating statistics for the four weeks 5th August - 1st September for the section Orte - Falconara. Operation has shown a decided improvement over the previous period, power interruptions have been few and these have all been of short duration.

/to Sheet 3.....

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Route Kilometres in service	202 Km.
Number of substations in operation	3
Average number of electric locos in service	30
Total electric loco kilometrage	151,027 Kms.
Average Km per loco per day	180 Kms
Total Gross Ton Km hauled. Freight	38,725,000 T. Kms.
" " " " " Passenger	15,245,000 T. Kms.
" " " " " F + P	53,970,000 T. Kms.
Gross Ton Km per loco per day	63,917 T. Kms
Average Gross Ton per loco	357
Total energy consumption	2,138,900 K.W;
Average power	3,100 K.W.
Energy consumption per 100 Ton Km	3.90 K.W.Hs.

C. Prato - Bologna Line 65

Repairs to poles etc. and new contact lines is being installed as quickly as possible. Section Vernio - Vado is complete and ready for service. Mobile substation ABR 36 has been installed complete with telephonic filter car at Grizzana and tests carried out on the 8th August proved satisfactory. Mobile substation ABR 37 now under repair at the Breda works in Milan will be installed at Grizzana for parallel operation with ABR 36.

The whole section was due for completion in mid-September but lack of track occupations in the past will probably delay the completion date to the end of September.

D. Bologna - Trento Line 69

Good progress has been made in erection of contact line but lack of track occupation due to heavy traffic has handicapped this work.

Section Bologna-Ostiglia is due for completion by the end of Sept.

Section Ostiglia-Verona is complete and ready for service.

Section Verona-Trento is 50% complete and the remainder should be finished by the end of Sept.

Four mobile substations complete with telephonic filter cars are necessary for the Bologna-Trento section. Mobile substations will be situated at Bologna, Crevalone, Serravalle and Verona. Ostiglia fixed substation is complete and ready for operation.

3086

E. Bologna - Piacenza Line 65

Progress in pole repairs etc. are being carried out on this section. Erection of contact wire will improve when gangs at

Declassified E.O. 12356 Section 3.3/NND No. 782021

Energy Consumption per 100 Km 3.90 K.W.H.

C. Prato - Bologna Line 65

Repairs to poles etc. and new contact lines is being installed as quickly as possible. Section Vernio - Vado is complete and ready for service. Mobile substation ABR 36 has been installed complete with telephonic filter car at Grizzana and tests carried out on the 8th August proved satisfactory. Mobile substation ABR 37 now under repair at the Breda works in Milan will be installed at Grizzana for parallel operation with ABR 36.

The whole section was due for completion in mid-September but lack of track occupations in the past will probably delay the completion date to the end of September.

D. Bologna - Trento Line 69

Good progress has been made in erection of contact line but lack of track occupation due to heavy traffic has handicapped this work.

Section Bologna-Ostiglia is due for completion by the end of Sept.

Section Ostiglia-Verona is complete and ready for service.

Section Verona-Trento is 50% complete and the remainder should be finished by the end of Sept.

Four mobile substations complete with telephonic filter cars are necessary for the Bologna-Trento section. Mobile substations will be situated at Bologna, Crevalcne, Serravalle and Verona. Ostiglia fixed substation is complete and ready for operation.

3086

E. Bologna - Piacenza Line 65

Progress in pole repairs etc. are being carried out on this section. Erection of contact wire will improve when gangs at present engaged on installing contact line on Bologn-Trento section can be transferred. Completion should be possible by the end of November.

F. Rome - Naples Line 89

Progress on this line has again be slow due primarily to lack of materials. Supplies of copper contact wire should be arriving from N.Italy in September and better progress can be expected.

/to Sheet 4....

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G. Reconstruction of 130 KV Transmission Lines.

Delay in de-requisitioning of suitable factories required for the production of aluminium - steel cored H.T. conductor still exists but efforts are being made to commence production at the Metallurgica Feltrina plant, Belluno province, before the end of Sept.

Rehabilitation is proceeding on the Ponticino-Larderello -Cascina-Leghorn transmission line and on all H.T. lines interconnecting electric traction substations on the Rome-Naples line.

Orte - Ponticino - Florence line	95% complete
Florence - Grizzana	100% complete
Bagni di Tivoli - Sagittario Power Station	20% complete

H. Labour.

No labour troubles to report.

I. Production of Copper Wire.

Production of 3,000 Volt Copper contact wire has commenced at the Fornaci di Barga plant and manufacture of 1,000 tons is expected by the end of October.

E.C. LYON
Lieut. R.E.
Tn.3.(Elec)

9th September 1945

3085

Declassified E.O. 12356 Section 3.3/NND No. 782021

AHS/ef

TRANSPORTATION SUB-COMMISSION, A.C. ,
(RAIL DIVISION)
c/o.Transportation (Br)Main,
C.M.F.

3rd August 1945

Tel : 843239
Ref : AC/Tn/15/C.E.

SUBJECT : Recpnstruction works.

TO : Chief of Rail Division
Mr.R. Moss.

1. Work of reconstruction has continued on the following lines (see attached list) without interruption.

2. The line Cancello - Benevento was completed on the 7th July.

3. The difficulty in obtaining stores, except petrol has been overcome.

4. A meeting in regard of supplying petrol was held with the Undersecretary of State, Ministry of Commerce, and it is hoped that difficulties in obtaining petrol will be overcome.

A.H.STREET, Lt.Col.

3084

Declassified E.O. 12356 Section 3.3/NND No. 785021

SUMMARY OF WORKS IN HAND.

(Turin).

Line 50 Genoa - Turin

North Italy.

(Turin)

Line	55 bis	Vignale - Varallo Sesia
Line	57	Mortara - Alessandria
Line	117	Castagnole L. - Asti
Line	103	Torino - Cuneo
Line	101	Airasca - Torre Pellice
Line	111	Ceva - Savigliano

3083

Line 50 Turin - Modane with M.R.S.

(Genova).

Line 130	Ovada - Alessandria
Line 59	Alessandria - Piacenza
	Genova Docks
Line 129	Genova-Ovada-Asti
Line 61	Genova-Ventimiglia with M.R.S.
Line 60	Genova - Sarzana

(Milan).

(Milan)

Line	163	Mantova - Pavia
Line	146	Milan - Sondrio
Line	153	Rovato - Coldtiocorte
Line	160	Milan - Cremona
Line	156	Brescia - Cremona
Line	155	Brescia - Parma
Line	53	Milan - Venezia

3082

Line 87	Permanent repair to 8 bridges
Line 65	Prato-Bologna, permanent repairs
Line 65	Arezzo-Florence
Line 219	Pisa-Empoli-Florence. Permanent works.
Line 220	Chiusi-Sinalunga-Empoli
Line 50	Pisa-La Spezia
Line 218 + 224	Viareggio - Pistoia
Line 65	Orte - Chiusi. Permanent reconstruction.

3081

Line 65	Rio Torto Viaduct
Line 246	Giulianova-Termmo

0092

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Line 50 Turin - Modane with M.R.S.

(Genova).

Line 130 Ovada - Alessandria
Line 59 Alessandria - Piacenza
Genova Docks
Line 129 Genova-Ovada-Asti
Line 61 Genova-Ventimiglia with M.R.S.
Line 50 Genova - Sarzana

(Milan).

(Milan)

Line 163 Mantova - Pavia
Line 146 Milan - Sondrio
Line 153 Rovato - Calolziocorte
Line 160 Milan - Cremona
Line 156 Brescia - Cremona
Line 155 Brescia - Parma
Line 53 Milan - Venezia

3082

Line 87 Permanent repair to 6 bridges
Line 65 Prato-Bologna, permanent repairs
Line 65 Arezzo-Florence
Line 219 Pisa-Empoli-Florence.Permanent works.
Line 220 Chiusi-Sinalunga-Empoli
Line 50 Pisa-La Spezia
Line 218 + 224 Viareggio - Pistoia
Line 65 Orte - Chiusi.Permanent reconstruction.

3081

Line 65 Rio Torto Viaduct
Line 246 Giulianova-Teramo
Line 242 Albacina-Civitanova
Line 245 Porto d'Ascoli-Ascoli Piceno
Line 277 Terni - Rieti
Line 277 Antrodoco - l'Aquila
Private Rly.Lauria Viaduct
Private Rly.Terni-Todi-Perugia.
Line 244 Bastia-Ellera
Private Rly. Ellera-Pietraffitta

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Line 65	Prato - Vernio
	Permanent bridge over River Ostiglia
Line 281	Avellino - Benevento
Line 294	Avellino - Rocchetta
Line 291	Torre Annunziata - Cancello
	Ofanto Viaduct
Line 88	Pescara - Chieti
	Biferno Bridge
	Naples Central - Naples Scali
Line 88	Rome - Avezzano
Line 50	Dispensa river bridge
Line 279	Ferrazzano tunnel (Campobasso)
	Work Shops Cagliari
Line 260	Rome-Ciamino-Albano
Line 50	Loco Depot Leghorn Centrale
	Loco Depot Rome Smistamento
Line 200	Central station, Civitavecchia
	Loco round house Rome S.Lorenzo
	Warehouse Rome Tiburtina
	Yard Rome Smistamento
	Priv.Rly.P.San Giorgio-Amandola
	Various buildings, Naples
Line 92	Bridge Torre Annunziata-Castellammare
Line 258	Cecchina - Velletri
Line 221	Montepescali - Roccastrada
	I.S.R. offices Naples.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

AHS/ef

TRANSPORTATION SUB-COMMISSION, A.C. ,
(RAIL DIVISION)
c/o. Transportation (Br) Main,
C.M.F.

10th August 1945

Tel : 843239
Ref : AC/Tn/15/C.E.

SUBJECT : Monthly Reports.

TO : Major Buckley
Major Hole
Mr Richard
Capt. Conway
Lt. Skouse
Eng. Le Cigne .

1. There is at the present considerable divergence in the manner in which the above reports are submitted.

2. To correct this in future, reports will only be submitted to reach this office by the 3rd of the month.

3. Weekly reports are not required.

4. To ensure uniformity two examples of the form to be adopted are attached.

5. In future all reports will adhere to the samples as to size, lay out and information to be given.

6. Details of all work must be given.

7. All numbers will be A.C. followed by the number of the line and a serial number starting at 1001, e.g. A.C. 50 . 1001.

8. Please ensure that all reports follow these lines in future.

3079

A.H. STREET, Lt. Col.

0096

Declassified E.O. 12356 Section 3.3/NND No. 785021

TRANSPORTATION SUB-COMMISSION
(RAIL DIVISION)
c/o Transportation Increment
M.R.S.

HQ Rome
A new copy for Col Harris.

TO :Col HARRIS CE

Chief Transportation Officer
Advanced Electon A.C.

SUBJECT : MONTLY REPORTS etc,
REF : AC/TN/44 CE

3rd. August '45

1.- Please send herewith North Italy Railroad plan showing breaks & Temporary Repairs.
2.- Monthly Repairs for Milan Division to be read in conjunction with the a/m plan.
3.- As & when Trieste, Venice, Verona, Bologna, Florence, Genoa, Turin reports are received, a copy will be sent you.

SPB

P.S. BUCKLEY
Major R.E.

Phone Central Station 2703
Phone Palazzo Litta 13844
Corso Magenta 24
MILAN

3078

AHS/c

TRANSPORTATION SUB-COMMISSION, A.C. ,
(RAIL DIVISION)
c/o.Transportation (Br)Main,
C.M.F.

Tel : 843239
Ref : AC/Tn/15/C.E.

14th July 1945

SUBJECT : Monthly reports.

TO : Eng.Lo Cigno
Chief of Works Service.

1. Will you please send in future at the end of the month, monthly reports of the below stated lines.

2. In future weekly reports will not be required, but a monthly report of all works in hand, must be in this office by the 30th of the month.

Ciampino - Albano
Leghorn Centrale
Rome engine depot
Ofanto river bridge
Bridge over road Naples
Central Naples Scali
Electr.offices & shops, Ancona
Cancello-Torre Annunziata
Rome Smistamento yard
Chiusi-Sinalunga-Empoli
Civitavecchia Central station
Pescara Chieti
Rome S.Lorenzo round house
Biferno bridge
Viareggio - La Spezia
Dispensa river bridge
Ferrazzano tunnel(Termoli-Campobasso)
Torre Annunziata-Castellammare bridge
Cecchina - Velletri

3077

For the Director :

Declassified E.O. 12356 Section 3.3/NND No. 780021

TO : Eng.Lo Cigno
Chief of Works Service.

1. Will you please send in future at the end of the month, monthly reports of the below stated lines.

2. In future weekly reports will not be required, but a monthly report of all works in hand, must be in this office by the 30th of the month.

Ciampino - Albano
Leghorn Centrale
Rome engine depot
Ofanto river bridge
Bridge over road Naples
Central Naples Scali
Electr.offices & shops,Ancona
Cancello-Torre Annunziata
Rome Smistamento yard
Chiusi-Sinalunga-Empoli
Civitavecchia Central station
Pescara Chieti
Rome S.Lorenzo round house
Biferno bridge
Viareggio - La Spezia
Dispensa river bridge
Ferrazzano tunnel(Termoli-Campobasso)
Torre Annunziata-Castellammare bridge
Cecchina - Velletri

3877

For the Director :

A.H.STREET,Major

Declassified E.O. 12356 Section 3.3/NND No. 780021

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Declassified E.O. 12356 Section 3.3/NND No. 785021

Railway Construction Contract Work under Control of Allied Commiss

Line 61 Genoa - Ventimiglia.

State of Works as

Job N°	Agency	Location	Description	Size	Progress	Est'd of compl
AC/61/1G	SIRCA	Portigliolo (Cogoleto - Varazze)	Bridge	Span 14,80m.	100%	
AC/61/2G	FIRPO	Crosetta (Varazze - Collo)	Tunnel	Length 124,55m. span 4,70m.	100%	
AC/61/3G	GIORGINI	Castello (Celle - Albissola)	Tunnel	Length 190,15m. span 4,70m.	100%	
AC/61/4G	GIORGINI	Termine (Albissola - Savona)	Tunnel	Length 280,05m. span 4,70m.	100%	
AC/61/5G	Railway Staff & Firm Piscenni	Quiliano (Savona - vado)	Bridge	Span 24,60m.	100%	
AC/61/6G	GHIGLIAZZA	Noli (Noli - Varigotti)	Tunnel	Length 1066,70m. span 4,70m.	100%	
AC/61/7G	GHIGLIAZZA	S.DONATO (Varigotti - Finalpia	Tunnel	Length span	65%	

0100

Declassified E.O. 12356 Section 3.3/NND No. 785021

Railway Construction Contract Work under Control of Allied Commission.

...noa - Ventimiglia.

State of Works as at 26th June 1945.

...ion	Description	Size	Progress	Est'd date of complet.	Remarks
...liolo ...eto - ...e)	Bridge	Span 14,80m.	100%		Completed.
...a ...e -	Tunnel	Length 124,55m. span 4,70m.	100%		Completed.
...la)	Tunnel	Length 190,15m. span 4,70m.	100%		Completed
...la -	Tunnel	Length 280,05m. span 4,70m.	100%		Completed.
	Bridge	Span 24,60m.	100%		Completed Permanent repair.
	Tunnel	Length 1066,70m. span 4,70m.	100%		Completed.
	Tunnel	Length span	65%		Timber supplied except 100 cu.m. [illegible]

0101

Declassified E.O. 12356 Section 3.3/NND No. 735021

Railway Conertuction Contract Work under Control of Allied Commissio

Line 61 Genoa - Ventimiglia.

State of Works as

Job N°	Agency	Location	Description	Size	Progress	Est'd dat of comple
AC/61/8G	RUFFINO & MANFREDI	S.Spirito (Borgetto - Ceriale)	Tunnel	Length 291,25m. spans 4,70m. & 5,20m.	100%	
AC/61/9G	Railway Staff	Vadino (Albenga - Alassio)	Tunnel 419,49 m. length		100%	
AC/61/10G	Railway Staff	S.Croce (Albenga - Alassio)	Tunnel 502,75 m. length		100%	
AC/61/11G	DAMONTE	Capomele (Laigueglia Andora)	Tunnel 1327,78 m. length	span 4,70m.	100%	
AC/61/12G	Railway Staff	Aurelia road Km. 96+700.	Line at the 96+700 Km.		100%	
AC/61/13G	GARIBALDI	Capotorre (Andora - Cervo)	Tunnel 186,03 m long	span 4,70m.	90%	30/6
AC/61/14G	GARIBALDI	Capo Berta (Diano M - Oneglia)	Tunnel 2437,07 m length	span 4,70m.	100%	
AC/61/15G	GARIBALDI	Prino (Imperia - S.Lorenzo	Tunnel 427,02 m length	span 4,70m.	100%	

0102

Declassified E.O. 12356 Section 3.3/NND No. 785021

ay Consrtuction Contract Work under Control of Allied Commission.

entimiglia.

State of Works as at 26th June 1945

Description	Size	Progress	Est'd date of complet	Remarks
Tunnel	Length 291,25m. spans 4,70m. & 5,20m.	100%		Completed.
Tunnel 419,49 m. length		100%		Completed.
Tunnel 502,75 m. length		100%		Completed.
Tunnel 1327,78 m. length	span 4,70m.	100%		Completed.
Line at the 96+700 Km.		100%		Completed.
Tunnel 186,03 m long	span 4,70m.	90%	30/6	
Tunnel 2437,07 m length	span 4,70m.	100%		Completed.
Tunnel 427,02 m length	span 4,70m.	100%		Completed.

0103

Declassified E.O. 12356 Section 3.3/NND No. 785021

Railway Construction Contract Work under Control of Allied Commiss

Line 61 Genoa - Ventimiglia.

State of Works as

Job N°	Agency	Location	Description	Size	Progress	Est'd da of compl
AC/61/16G	CALCI NANDO	Prarola (Porto S.Lorenzo)	Tunnel 214,19 m. length	Span 4,70 m	50%	15/7
AC/61/17G	SICEA	Arma (Taggia - S.Remo)	Tunnel 141,30 m. length	Span 4,70 m	100%	
AC/61/18G	SICEA	Caponcro (S.Remo - Ospedaletti)	Tunnel 1731,12 m length	span 8,80 m	100%	
AC/61/19G	PALMERO	Vallecrosia Ventimiglia	Bridge		100%	
AC/61/20G		Nervia, Km. 145+546	Bridge	Vault 16 m span	3%	15/7
AC/61/21G		Vallecrosia Ventimiglia Km. 145+800.	Road Viaduct	3 spans of 10 m	20%	10/7
AC/61/22G		Roja Ventimiglia French bord Km. 147+971	Bridge	4 arches 17 m span		

0104

Declassified E.O. 12356 Section 3.3/NND No. 785021

ilway Construction Contract Work under Control of Allied Commission.

- Ventimiglia. State of Works as at 26th June 1945.

n	Description	Size	Progress	Est'd date of complet	Remarks
nzo)	Tunnel 214,19 m. length	Span 4,70 m	50%	15/7	Delay due to diversion and shortage of timber.
-)	Tunnel 141,30 m. length	Span 4,70 m	100%		Completed.
o - tti)	Tunnel 1731,12 m length	Span 8,80 m	100%		Completed.
sia lin	Bridge		100%		Completed.
Km.	Bridge	Vault 16 m span	3%	15/7	
sia lia 00.	Road Viaduct	3 spans of 10 m	20%	10/7	Oxy acetylene as required to cut iron.
lia ord 71	Bridge	4 arches 17 m span			Latest information is that M.R.S. would carry out repairs he here and into France

.0105.

Declassified E.O. 12356 Section 3.3/NND No. 785021

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSI

State of works

Line 110. SAVONA - CARMAGNOLA.

Job N°	Agency	Location	Description	Size	Progress	Est'd date of completn
AC/110/7T		TANARO River	Bridge	Span 20 m.		3/7
AC/110/8T	ING. LODIGIANI	Pesio stream	Bridge	Span 13,70 m		
AC/110/9T	IRON BRIDGES group	Tanaro River	Iron Bridge	2 beams of 44,35 m.		
AC/110/10T	Ing. LODIGIANI		Bridge	5,90 m.		
AC/110/11T	Ing. LODIGIANI	Tanaro river	Bridge	Span 20 m.		
AC/110/12T	Ing; LODIGIANI	Stura River	Bridge	Span 20 m.		
AC/ 10/13T		Ricciardo river	Bridge	2 yalts 14,65 m		

0106

Declassified E.O. 12356 Section 3.3/NND No. 785021

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

AVONA - CARMAGNOLA. State of works as at 25th JUNE 1945.

	Description	Size	Progress	Est'd date of completn	Remarks
	Bridge	Span 20 m.		3/7	
m	Bridge	Span 13,70 m			
	Iron Bridge	2 beams of 44,35 m.			
	Bridge	5,90 m.			
	Bridge	Span 20 m.			
	Bridge	Span 20 m.			
r	Bridge	2 yalts 14,65 m			W e are waiting for tenders for the definitive works execution within 24.

Unclassified E.O. 12356 Section 3.3/NND No. 785021

RAILWAY CONSTRUCTION CONTRACT FORK SPETS CONTROL OF AL

State of works as at 23 June 194

LINE CHIVASSO=CASALE.

Job N°	Agency	Location	Description	Size	%	Est.date of complet.
AC/1/T		Dora Baltea stream	Bridge	Span : 18.20 m	60%	24/7
AC/2/T		Lamperostreet	Bridge	Span : 5.00 m		completed

0108

Declassified E.O. 12356 Section 3.3/NND No. 785021

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMUNICATION.

State of works as at 23 June 1943.

ation	Description	Size	%	Est. date of complet.	Remarks
altea	Bridge	Span : 18.20 m	60%	24/7	
ostreet	Bridge	Span : 5.00 m		completed	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COM

State of works ast at 25th June 1945.

Line 50.Turin-Genoa.

Job N°	Agency	Location	Description	Size	Pro-gress	Est.date of complet
AC/50/T	Felice Bernardi	Borbore river	Bridge	span : 9 m		
AC/50/8T	Felice Bernardi		Bridge	span : 5 m		

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works ast at 25th June 1945.

	Description	Size	Pro-gress	Est.date of complet.	Remarks
er	Bridge	span : 9 m			Installation of work yard in hand.
	Bridge	span : 5 m			

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COM

LINE SANTHIA=ARONA. State of works ast at 25th June 1945.

Job No	Agency	Location	Description	Size	Pro-gress	Est.date of complet.
AC/1/T	Savigliano	Elvo stream	Steel bridge	Span: 19.65 m 25.20 m		
AC/2/T		La Carata road	Steel bridge	4 m		
AC/3/T		S.Cristina road	Bridge	6 m		

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works mat at 25th June 1945.

Description	Size	Pro-gress	Est.date of complet.	Remarks
Steel bridge	Span: I9.65 m 25.20 m			Supply of material in hand.
Steel bridge	4 m			complete
Bridge	6 m			complete

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED CO

Line 50A. Turin-Modane.

Job No tit	Agency	Location	Description	Size	Progress	Est'd date of c
AC/50A/ 9/T	Angiolini	Melezette stream	Bridge	Span : 20 m : 10 m		
AC/50/10 /T		Frejus	Tunnel	Lenght : 150 m		
AC/50/11 T		Dora Riparia	Bridge	Span : 10 m		

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 25.6.

Description	Size	Progress	Est'd date of c	Remarks
Bridge	Span : 20 m : 10 m			
Tunnel	Lenght : 150 m			
Bridge	Span : 10 m			Clearing of mines required.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED CO

Line 50A. Turin-Modane.

Job N° ttt	Agency	Location	Description	Size	Progress	Est'd date of c.
AC/501/IT		Dora Riparia stream	Bridge	Span : 15.53 m		
AC/50A/2T	Gillio	Golasso stream	Viaduct	Span : 12.00 m		31.10
AC/50A/3 T	Gillio	Aquila stream	Walled bridge Viaduct	Span : 15.00 m		31.10
AC.50A/ 4 T	Savigliano workshop	Dora Riparia stream	Steel bridge	30.83 m		
AC/50A/5T		Montventeux	Tunnel	Length 12 m		
AC/50A/6T	Savigliano workshop	Dora Riparia	Steel bridge			
AC/50A/7T	Angiolini		Bridge	Span : 5.77 m		
AC/50A/8T	Angiolini	Bardonecchia stream	Bridge	Span : 18.21 m		

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 25.6.

Description	Size	Progress	Est'd date of c.	Remarks
ria Bridge	Span : 15.53 m			
Viaduct	Span : 12.00 m		31.10	
Walled bridge Viaduct	Span : 15.00 m		31.10	Centers for arches in hand.
ia Steel bridge	30.83 m			Definitive restoration in hand.
ux Tunnel	Length 12 m			Definitive restoration in hand.
ria Steel bridge				Definitive restoration in hand.
Bridge	Span : 5.77 m			
aia Bridge	Span : 18.21 m			

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COM

State of works as at 25th June 1945.

Line Asti-Chivasso.

Jon N°	Agency	Location	Description	Size	Est. date of complet.	%
AC/T	Luigi Fonatana	Po river	Bridge	Span : 10 m 20 m	31.8	75%

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 25th June 1945.

Description	Size	Est. date of complet.	%	Remarks
Bridge	Span : 10 m 20 m	31.8	75%	Centering for arches being made.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED CO

Line Trofarello-Cuneo

State of works as at 25th June 1945.

Jon N°	Agency	Location	Description	Size	Est. date of complet.	%
AC/52/1 T	Savigliano workshop	Mellea stream	Bridge	Span: 10 m		
AC/52/2T	Voli	Stura river	Bridge	Span :15 m	15.7	30%
AC/52/3T		Stura river	Bridge	Span : 25 m 4 m	30.7.45	60%

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 25th June 1945.

Description	Size	Est. date of complet.	%	Remarks
Bridge	Span: 10 m			complete
Bridge	Span :15 m	15.7	30%	Work delayed due to shortage of materials.
Bridge	Span : 25 m 4 m	30.7.45	60%	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COM

State of works as at 25 June 1945.

Line 110. Savona-Carmagnola.

Job N°	Agency	Location	Description	Size	%	Est. date of completion
AC/110/1T	Cooperativa s.c.of Savona	Acqua stream	Bridge	Span : 30 m		
AC/110/2T	Gaggero & Falco	Isola stream	Bridge	Span : 18 m		
AC/110/3T	Ing.Astengo and Savio	Letimbro stream	Bridge	Span : 14 m 18 m		
AC/110/4T	Relaini	Bormida river	Bridge	Span : 15 m		
AC/1105T	Realini	Cevetta stream	Viaduct	Span : I7 m		
AC/110/6T	Borini Domenico	Braia Viaduct	Viaduct	Span : 6 m		

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 25 June 1945.

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on	Description	Size	%	Est date of completion	Remarks
eam	Bridge	Span : 30 m			Tender called for.
eam	Bridge	Span : 18 m			Tenders called for
	Bridge	Span : 14 m 18 m			Cooperative S.C. of Savona.
iver	Bridge	Span : 15 m			Tenders called for.
tream	Viaduct	Span : I7 m			Tenders asked for.
duct	Viaduct	Span : 6 m			

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED

Line 129. Genoa-Ovada-Asti.

State of works as at 25 June 1

Job N°	Agency	Location	Description	Size	%	Est. date of completi
AC/129/T1		Balbo stream	Steel bridge	33.94 metres		
AC.129/T2		Balbo stream	Steel bridge	Span: 22.01 m 23.18 m		
AC/129/T3	Paroldi Giuseppe	Tanaro river	Steel bridge	Span : 58 m 47.10 m	5%	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 25 June 1945.

Description	Size	%	Est.date of completion	Remarks
Steel bridge	53.94 metres			
Steel bridge	Span: 22.01 m 23.18 m			
Steel bridge	Span : 58 m 47.10 m	5%		Tenders called for steel work.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMM

State of works as at 25th June

Line 50.Turin Genoa.

Job N°	Agency	Location	Description	Size	Progress	Est'd date of completion
AC/50/1 T	Castaudi e Serra	Stanavasso stream	Bridge	span : 12 m		30.9
AC/50/2T	Geom.Felice De Bernardi	Traversa stream	Bridge	span : 8 m 3 m		30.9
AC/50/3T		Tanaro river	Bridge	span : 10.20 m		
AC/50/4T		Po river	Bridge	span : 15 m		
AC/50/5T	Rodio j.s.c.	Bormida river	Bridge	span : 15 m		
AC/50/6T	Felixe De Bernardi		Acqueduct	span : 5 m		

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 25th June 1945.

	Description	Size	Progress	Est'd date of completion	Remarks
so	Bridge	span : 12 m		30.9	Installation of work yard in hand.
	Bridge	span : 8 m 3 m		30.9	Installation of work yard in hand.
iver	Bridge	span : 10.20 m			Tenders called for;
	Bridge	span : 15 m			Plans being prepared for better foundations.
river	Bridge	span : 15 m			Installation of work yard in hand.
	Acqueduct	span : 5 m			Installation of work yard in hand.

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Line 59. Alessandria-Piacenza.

State of Works as

Job N)	AGENCY	Location	Description	Size	Progress	Est'd date of complet
AC/59/1C		Scrivia (S.giuseppe-Tortona)	Bridge	13 spans	100%	
A /59/2C	Boccenti	Trebbia (S.Nicolò-Piacenza)	Bridge	23 spans	75%	10/7

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lway Construction Contract Work under Control of Allied Commission.

State of Works as at 26th June 1945.

a-Piacenza.

ion	Description	Size	Progress	Est'd date of complet	Remarks
a seppe- na)	Bridge	10 spans	100%		Completed.
ia colo- enza)	Bridge	23 spans	75%	10/7	

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Railway Construction Contract Work under Control of Allied Commiss

Line 130. Ovada- Alessandria.

State of Works an

Job Nº	Agency	Location	Description	Size	Progress	Est'd da of compl
AC/130/16	Ansaldo & Incazio.	Bormida (Castellazzo Alessandria)	Bridge	Span 35, 38, 48, 38? 19 m		

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Railway Construction Contract Work under Control of Allied Commission.

vada- Alessandria. State of Works as at 26th June 1945.

tion	escription	Size	Progress	Est'd date of complet	emarks
da ellazzo andria	Bridge	Span 35, 38, 48, 38, 19 m			Not yet commenced. Pending negotiations with the Firm Lodigiani, Milan.

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Railway Construction Contract Work under Control Of Allied Commis

Line Genoa Harbour. State of Works a

Job N°	Agency	Location	Description	Size	Progress	Est'd d of comp
AC/-/1G	Valdata	Eritrea Wharf	Tracks			
AC/-/2G	Valdata	Etiopia Wharf	Tracks			
AC/-/3G	Dopo Valdata	S.Giorgio Wharf	Tracks			
AC/-/4G	Vallori Aedilicio Vicari	Pettolo(Landing - Place	Tracks			
AC/-/5G	SIRCE	Canzio(Landing-place	Tracks			
AC/-/6G	VALDATA	Romairone	Tunnel			
AC/-/7G	Tavolacci	S.Limbania	Tunnel			
AC/-/8G	SILES	S.limbania	Landing-place			
AC/-/9G	SILES	Pardi Wharf	Tracks			
AC/-/10G	Amori	Molo-Vecchio Landing-place	Tracks			

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Railway Construction Contract Work under Control Of Allied Commission.

noa Harbour. State of Works as at 26th June 1945.

on	Description	Size	Progress	Est'd date of complet	Remarks
a	Tracks				Completed.
a	Tracks				Completed.
io	Tracks				Completed.
(-	Tracks				Completed.
o(Lan ce	Tracks				Completed.
one	Tunnel				Completed.
nia	Tunnel				Completed.
nia	Landing-place				Completed.
l f	Tracks				Completed.
chio place	Tracks				Completed.

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Railway Construction Contract Work under Control of Allied Commissi

Line Genoa-Harbour.

State of Works as

Job N°	Agency	Location	Description	Size	Progress	Est'd dat of compl
AC/-/11G	Salatti	S. Benigno	Tunnel	span 4,70 m	70%	30/6
AC/-/12G	Amori	S. Lazzaro Bassa	Tunnel	span 8 m	5%	30/8

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Railway Construction Contract Work under Control of Allied Commission.

State of Works as at 26th June 1945

a-Harbour.

	Description	Size	Progress	Est'd date of complet	Remarks.
nd	Tunnel	span 4,70 m	70%	30/6	
ro sa	Tunnel	span 8 m	5%	30/8	

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RAILWAY CONSTRUCTION CONTRACT WORK UN

Line. Various works. State of works as at 2nd Ju

Job No	Agency	Location	Description	Size	Progress 98%	Est. da of comple
AC/50/1	Lorenzoni	Civitavecchia	Siding to molo Traianeo	New siding 1500m	100%	
AC/50/2	Lorenzoni	Civitavecchia	Dead endspur Molo Traianeo	140 metres	100%	
AC/50/3	Lorenzoni	Civitavecchia	Loopline to above siding	230 metres		
AC/50/4 A 4 B	Lorenzoni	Civitavecchia	Dead end spurs Molo del Bicchiere : Ist siding : 2nd siding	230 mts 230 mts	100% 10 %	
AC/50/5 A 5 B	Lorenzoni	Civitavecchia	Siding to Calata Principe Tommaso : Ist siding : 2nd siding	800 mts 800 mts	100% 100%	
AC/50/6A 6 B	Lorenzoni	Civitavecchia	Siding pontile Sardegna banchina Cialdi: Ist siding :2nd siding	140 mts 350 mts 300 mts	100% 100% 30%	
AC/50/7A	Lorenzoni	Civitavecchia	Repairs to siding P. Tarquinia .		100%	
AC/65/		Fara Sabina	Water supply		100%	
			Repairs to bridge Km.65.9			
AC/65/18	Righi	Orte	Construction of 2 new ash-pits.		96%	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMM.

State of works as at 2nd July 1945

tion	Description	Size	Progress	Est.date of completion	Remarks
ecchia	Siding to molo Traianeo	New siding 1500m	98%		No ballast.
cchia	Lead endspur Molo Traianeo	140 metres	100%		
cchia	Loopline to above siding	230 metres	100%		
cchia	Lead end spurs Molo del Bicchiere : Ist siding : 2nd siding	230 mts 230 mts	100% 100%		
vecchia	Siding to Calata Principe Tommaso : Ist siding : 2nd siding	800 mts 800 mts	100% 100%		
vecchia	Siding pontile Sardegna banchina Cialdi: Ist siding : 2nd siding	140 mts 350 mts 300 mts	100% 100% 30%		Work suspended, awaiting that Civil Enginee complete brick work.
vecchia	Repairs to siding P. Tarquinia .		100%		
abina	Water supply		100%		
	Repairs to bridge Km.65.9				
	Construction of 2 new ashpits.		96%		The ashpit, passenger station side, will be used, as soon as the track is cleared.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

State of Work as at 30 June 1945

LINE 87

Job No.	Agency	Location	Description	Size	% Compl.	Est'd Compln.	Remarks
AC/87/1001	Contract Imp. Montella	Serra S.Quirico	Repairs to Bridge at 241.90 Km. (Esino River)	Rebuild 1 pier & 2 mass concrete arches each of 25 mt. span.	Nil	30 Sept.	No site work now
AC/87/1002	Contract	Serra S.Quirico	Repairs to Bridge at 238.70 Km. (Gentino River)	Sheet pile 4 piers foundations & underpier.	Nil		Drawings being Sheet steel piling
AC/87/1003	Contract Imp. Montella	Serra S.Quirico	Repairs to Bridge at 236.18 Km. (Esino River)	Rebuild 2 piers & 3 brick arches each of 20 mt. span.	Nil	30 Sept.	No site work
AC/87/1004	Contract Imp. Montella	Albacina	Repairs to Bridge at 209.84 Km.	Rebuild 6 piers & 7 brick arches each of 5 mt. span.	Nil	30 Sept.	No site work
AC/87/1005	Contract	Nocera Umbra	Repairs to Bridge at 180.13 Km. (Topino River)	Rebuild 1 mass concrete arch of 27 mt. span.			Drawings being
AC/87/1006	Contract Nocera	Nocera Umbra	Repairs to Bridge at 174.52 Km. (Topino River)	Sheet pile pier foundations & under pier			Drawings being

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTRL OF
ALLIED COMMISSION

State of Work as at 30 June 1945

Sheet 1

Location	Description	Size	% Compl.	Est'd Compln.	Remarks.
Serra S.Quirico	Repairs to Bridge at 241.90 Km. (Esino River)	Rebuild 1 pier & 1 mass concrete arches each of 25 mt. span.	Nil	30 Sept.	No site work commenced.
Serra S.Quirico	Repairs to Bridge at 238.70 Km. (Sentino River)	Sheet pile 4 piers foundations & underpier.	Nil		Drawings being prepared. Sheet steel piling on site.
Serra S.Quirico	Repairs to Bridge at 236.18 Km. (Esino River)	Rebuild 2 piers & 3 brick arches each of 20 mt. span.	Nil	30 Sept.	No site work commenced.
Albacina	Repairs to Bridge at 209.84 Km.	Rebuild 6 piers & 7 brick arches each of 5 mt. span.	Nil	30 Sept.	No site works commenced
Nocera Umbra	Repairs to Bridge at 180.13 Km. (Topino River)	Rebuild 1 mass concrete arch of 27 mt. span.			Drawings being prepared
Nocera Umbra	Repairs to Bridge at 174.52 Km. (Topino River)	Sheet pile pier foundations & under pier			Drawings being prepared

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LINE 67

State of Work as at 30 June 1945

Job No.	Agency	Location	Description	Size	Empl:	Est'd Complt/	Remarks.
AV/87/1007	Contract	Spoleto	Repairs to Bridge at 140.30 Km. (Pesaino River)	Rebuild 4 piers & 6 brick arches each of 4/4.20 & 2/5.50 mt. span.	Nil		Drawings being
AV/87/1008	Contract Ing. Giannio	Giuncano	Repairs to tunnel at 125.63 Km. Bolgudini tunnel	Rebuild brick lining.		30 Sept.	No site work co

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State of Work as at 10 June 1945

Agency	Location	Description	Size	Est'd Compl.	Last'd Compl.	Remarks.
Fort	Spoleto	Repairs to Bridge at 140.30 Km. (Pesino River)	Rebuild 4 piers & 6 brick arches each of 4/4.20 = 275.50 mt. span.	Nil		Drawings being prepared
Fort	Ciumano	Repairs to tunnel at 176.63 Km. Baldwini tunnel	Rebuild brick lining.		30 Sept.	No site work commenced.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTRL OF ALLIED COMMISSION

LINE 87 — State of Work as at 30 June 1945

Job No.	Agency	Location	Description	Size	% Compl.	Est'd Compln.	Remarks
AC/87/1001	Contract Imp. Montella	Serra S.Quirico	Repairs to Bridge at 241.90 Km. (Seino River)	Rebuild 1 pier & 1 mass concrete arches each of 25 mt. span.	Nil	30 Sept.	No site work c
AC/87/1002	Contract	Serra S.Quirico	Repairs to Bridge at 238.70 Km. (Sentino River)	Sheet pile 4 piers foundations & underpier.	Nil		Drawings being Sheet steel pile
AC/87/1003	Contract Imp. Montella	Serra S.Quirico	Repairs to Bridge at 236.18 Km. (Seino River)	Rebuild 2 piers & 3 brick arches each of 20 mt. span.	Nil	30 Sept.	No site work c
AC/87/1004	Contract Imp. Montella	Albacina	Repairs to Bridge at 209.84 Km.	Rebuild 6 piers & 7 brick arches each of 5 mt. span.	Nil	30 Sept.	No site work c
AC/87/1005	Contract	Nocera Umbra	Repairs to Bridge at 180.13 Km. (Topino River)	Rebuild 1 mass concrete arch of 27 mt. span.			Drawings being
AC/87/1006	Contract	Nocera Umbra	Repairs to Bridge at 174.52 Km. (Topino River)	Sheet pile pier foundations & under pier			Drawings being

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTRL OF ALLIED COMMISSION

State of Work as at 30 June 1945

Sheet 1

ty	Location	Description	Size	% Compl.	Est'd Compln.	Remarks.
ct le	Serra S.Quirico	Repairs to Bridge at 241.90 Km. (Esino River)	Rebuild 1 pier & 2 mass concrete arches each of 125 mt. span.	Nil	30 Sept.	No site work commenced
ct	Serra S.Quirico	Repairs to Bridge at 238.70 Km. (Sentino River)	Sheet pile 4 piers foundations & underpier.	Nil		Drawings being prepared. Sheet steel piling on site.
ct le	Serra S.Quirico	Repairs to Bridge at 236.16 Km. (Esino River)	Rebuild 2 piers & 3 brick arches each of 10 mt. span.	Nil	30 Sept.	No site work commenced.
ct la	Albacina	Repairs to Bridge at 209.84 Km.	Rebuild 6 piers & 7 brick arches each of 5 mt. span.	Nil	30 Sept.	No site work commenced
ct	Nocera Umbra	Repairs to Bridge at 180.13 Km. (Topino River)	Rebuild 1 mass concrete arch of 27 mt. span.			Drawings being prepared
ct ls	Nocera Umbra	Repairs to Bridge at 174.52 Km. (Topino River)	Sheet pile pier foundations & under pier			Drawings being prepared

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LINE 87

State of Work as at 30 June 1945

Job No.	Agency	Location	Description	Size	% Compl.	Est'd Compln	Remarks.
AV/87/1007	Contract	Spoleto	Repairs to Bridge at 140.30 Km. (Tesino River).	Rebuild 4 piers & 6 brick arches each of 14.20 & 2/2.50 mt. span.	Nil		Drawings being
AV/87/1008	Contract Imp. Vidonio	Ciuncano	Repairs to tunnel at 128.63 Km. Balduini tunnel	Rebuild brick lining.		30 Sept.	No site work

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State of Work as at 30 June 1945 Sheet 2

ncy	Location	Description	Size	% Compl	Est'd Compln	Remarks.
et	Spoleto	Repairs to Bridge at 140.30 Km. (Tesino River)	Rebuild 4 piers & 6 brick arches each ex 4/4.20 = 273.50 lin. span.	Nil		Drawings being prepared
et	Giuncano	Repairs to tunnel at 126.63 Km. Valduini tunnel	Rebuild brick lining.		30 Sept.	No site work commenced
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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

LINE 86 NORTH — State of Work as at 30 June 1945

Job No.	Agency	Location	Description	Size	% Complete	Est'd Compln.	Remarks
AC/86N/1001	Contract Imp. Griffoni	Falconara	Repairs to Bridge at 192.85 Km. (Esino River)	Build 21 arches each of 12 mt. span.	80%	14 Aug.	Waiting f... waybeam...
AC/86N/1002	Contract Imp. Mancini	Senigallia	Repairs to Bridge at 172.63 Km. (Cesano River)	Build 14 mass concrete arches each of 12 mt. span.	95%	16 July	Parapets ... complete.
AC/86N/1003	Contract Imp. Mancini	Fano	Repairs to Bridge at 159.80 Km. (Metauro River)	Build 18 mass concrete arches each 12 mt. span.	80%	1 Sept.	14 Arches...
AC/86N/1004	Contract Imp. Garbarino	Fano	Repairs to Bridge at 155.20 Km. (Arzilla River)	Build one abutment & 3 bricks spans of 12 mt. each. two tracks.	40%	16 Aug.	Piers com... Abutment... Centering... 1 Arch 3... Bricks and...
AC/86N/1005	Contract Imp. Garbarino	Pesaro	Repairs to Bridge at 143.81 Km. (Foglia River)	Build 4 piers & 6 brick spans of 12 mt. each. Two tracks.	30%	~~16 Aug.~~ 31 Aug.	1 Pier co... 3 Picks 50... Centering... at site! Bricks and...

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

State of Work as at 30 June 1945

cy	Location	Description	Size	% Complete	Estd Compln.	Remarks
rac+ ton	Falconara	Repairs to Bridge at 192.85 Km. (Esino River)	Build 21 arches each of 12 m+. span.	80%	14 Aug.	Waiting placing of waybeams.
rac+ ni	Senigallia	Repairs to Bridge at 172.63 Km. (Cesano River)	Build 14 mass concrete arches each of 12 m+. span.	95%	16 July	Parapets only to complete.
ac+ ni	Fano	Repairs to Bridge at 159.80 Km. (Metauro River)	Build 18 mass concrete arches each 12 m+. span.	80%	1 Sept.	14 Arches completed.
ac+ ring	Fano	Repairs to Bridge at 155.20 Km. (Arzilla River)	Build one abutment & 3 brick spans of 12 m+. each. two tracks.	40%	16 Aug.	Piers completed Abutment 25% completed Centering erected 1 Arch 30% completed Brick and cement on site
ac+ ring	Pesaro	Repairs to Bridge at 143.81 Km. (Foglia River)	Build 4 piers & 6 brick spans of 12 m+. each. Two tracks.	30%	31 Aug.	1 Pier completed 3 Piers 50% completed Centering being prepared at site Bricks and cement on site.

...../to Sheet 2

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86 NORTH

Job No.	Agency	Location	Description	Size	% Compl.	Est'd Complin.	Remarks
AC/86N/1006	Contract Imp. Garbaring	Castolica	Repairs to Bridge at 129.80 Km. (Tavallo River)	Build one brick span of 15 mt. Two tracks		48 Sept.	Cement on No site wo
AC/86N/1007	Contract Imp. Garbaring	Riccione	Repairs to Bridge at 120.41 Km. (Marecello River)	Build one brick span of 15 mt. Two tracks.		48 Sept.	Cement o No site wo
AC/86N/1008	Contract Imp. Garbaring	Riccione	Repairs to Bridge at 116.17 Km. (Marano River)	Build two brick spans of 12 mt. each. Two tracks		48 Sept.	Cement on No site w
AC/86N/1009	Contract	Cenigallia	Repairs to Bridge at 172.89 Km.	Build a single span bridge of steel superstructure. Two tracks.			Drawings Sent to No site
AC/86N/1010	Contract	San Arcangelo	Repairs to Bridge at 10008 (Uso River)	Build one peer & 3 arches of 18 mt. span each. Two tracks.			Drawings prepared No site
AC/86N/1011	Contract	Savignano	Repairs to Bridge at 9586 Km. (Rubicone or Fiumicino River)	Build a single span brick arch of 15.40 mt. Two tracks.			Drawings prepared No site

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Agency	Location	Description	Size	% Compl.	Est'd Compln.	Remarks
Contract Imp. Garbaring	Cattolica	Repairs to Bridge at 129.80 Km. (Tavollo River)	Build one brick span of 15 mt. Two tracks		48 Sept.	Cement on site No site work commenced
Contract Imp. Garbaring	Riccione	Repairs to Bridge at 120.41 Km. (Maranello River)	Build one brick span of 15 mt. Two tracks.		48 Sept.	Cement on site. No site work commenced
Contract Imp. Garbaring	Riccione	Repairs to Bridge at 115.17 Km. (Marano River)	Build two brick spans of 12 mt. each. Two tracks.		48 Sept.	Cement on site. No site work commenced
Contract	Gengallia	Repairs to Bridge at 177.89 Km.	Build a single span bridge of steel superstructure. Two tracks.			Drawings prepared Out to tender No site work commenced
Contract	San Arcangelo	Repairs to Bridge at 100.08 (Uso River)	Build one pair of 3 arches of 16 mt. span each. Two tracks.			Drawings in course of preparation No site work commenced
Contract	Savignano	Repairs to Bridge at 95.56 Km. (Rubicone or Fiumicino River)	Build a single span brick arch of 15.40 mt. Two tracks.			Drawings in course of preparation. No site work commenced.

...../to Sheet 3.

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LINE 86 NORTH

Job No.	Agency	Location	Description	Size	% Compl.	Est'd Compln	Rem
AC/86N/1012	Contract	Cesena	Repairs to Bridge at 86.22 Km. (Rubicone River)	Build a single span Brick arch of 15.40 mt. Two trcks.			Drawing preparat No site
AC/86N/1013	Contract	Cesena	Repairs to Bridge at 81.23 Km. (Savio River)	Build 4 brick spans each of 14.75 mt. Two tracks.			Drawing prepara No site
AC/86N/1014	Contract	Forli	Repairs to Bridge at 67.82 Km.	Build 5 brick spansvarying 15.83 to 16.12 mt. Two tracks.			Drawing prepara No site
AC/86N/1015	Contract	Forli	Repairs to Bridge at 61.58 Km. (Montone River)	Build 3 piers & 4 brick arches each of 15.50 mt. span			Drawing prepara No site
AC/86N/1016	Contract	Faenza	Repairs to Bridge 50.03 Km. (Lamone River)	Build 3 piers & 4 bricks arches each of 15 mt. span			Drawing prepara No site
AC/86N/1017	Contract	Faenza	Repairs to Bridge at 44.03 Km. (Senio River)	Build 2 piers & 3 bricks arches each of 15 mt. span.			Drawing prepara No site

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ncy	Location	Description	Size	% Compl.	Es+'d Compln/	Remarks
ract	Cesena	Repairs to Bridge at 86.22 Km. (Rubicone River)	Build a single span Brick arch of 15.40 m+. Two tracks.			Drawings in course of preparation. No site work commenced
ract	Cesena	Repairs to Bridge at 81.23 Km. (Savio River)	Build 4 brick spans each of 14.75 m+. Two tracks.			Drawings in course of preparation. No site work commenced
ract	Forli	Repairs to Bridge at 67.82 Km.	Build 5 brick spansvarying 15.83 to 16.12 m+. Two tracks.			Drawings in course of preparation. No site work commenced.
ract	Forli	Repairs to Bridge at 67.56 Km. (Montone River)	Build 3 piers & 4 brick arches each of 15.50 m+. span			Drawings in course of preparation. No site work commenced.
act	Faenza	Repairs to Bridge 50.03 Km. (Lamone River)	Build 3 piers & 4 bricks arches each of 15 m+. span			Drawings in course of preparation. No site work commenced.
act	Faenza	Repairs to Bridge at 44.03 Km. (Senio River)	Build 2 piers & 3 bricks arches each of 15 m+. span.			Drawings in course of preparation. No site work commenced.

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(B)

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No.219 Florence - Empoli - Pisa

State of works a

All rails
Covers so

Job.No	Agency	Location	Description	Size	Progress	Date comp
	I.S.R.	Via Pistoiese Florence	Abutments, span	m. 13.00	complete	
	I.S.R.	Km.6 + 150	Abutments, span	m. 8.00	complete	
	I.S.R. I.S.R.	Florence-Cascine Route 66-6+514 6+544	(7+380). Track Span, Abutments ditto	Km. 7+380 m. 8.00 m. 12.00	~~Complete~~ 30%	30
	Contractors I.S.R. Vannucci Vannucci	Cascine-S.Domino 7+693 - 8+433 10+134 11+955	(11+973). Track Four occupation roads	Km. 4+538	~~complete~~ 30%	30
	Contractors I.S.R. Vannucci I.S.R. & M.M.S. Contr. Possi	S.Domino-Signa 13+642 - 14+738 16+147 15+620	(16+203). Track Two occupation roads Main road + Bisenzio Bridge Abutments rebuilding Take out steel	Km. 4+225 m. 3.00 m. 8.50 m. 38.80 -- -- -	complete 100% 50%	
	PARRINI		Reconstruction of the underpass: Km. 13+642		3%	

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(B) Sheet N°1.

CONSTRUCTION CONTRACT N°K UNDER CONTROL OF ALLIED COMMISSION

Rail - Pisa

State of works as at 27-6-45

All covers to Single Track
Covers second track

Location	Description	Size	Progress	Est. date of completion	Remarks
Riese Pisa Ferrovia 150	Abutments, span	m. 13.00	complete	-	one temporary track
	Abutments, span	m. 8.00	complete	-	ditto
Re-Cascine 6-6+514 6+544	(7+380). Track Span, Abutments ditto	km. 7+380 m. 8.00 m. 12.00	~~Complete~~ 30%	30 August/45	
Re-S.Domino 8+433	(11+973). Track Four occupation roads	Km. 4+538	~~Complete~~ 30%	30 Sept/1945 ditto	Second Track
Rio-Signa 14+738	(16+203). Track Two occupation roads Main road + Bisenzio Bridge Abutments rebuilding Take out steel	Km. 4+225 m. 3.00 m. 8.50 m. 38.80 --- --- -	complete 100% 50%	Nov/1945	recovering of the span reconstr. of h the span & re=building of the Bank ~~Shoulder~~ of the Bisenzio
Reconstruction of the underpass: Km. 13+642			3%		Demolition of the damaged masonry.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Napoli - Pisa

State

Job No.	Agency	Location	Description	Size	Progress	Estimate of completion
C	I.S.T.& M.R.S. Contractor Parrini	Sig.ne-Montelupo	(27+572). Track Nineteen occupation roads Thirteen culverts	1642 m. 3.00 m. 2.00	10%	Nov/1945
	Pozzi	19+087	CIRCONS Edge Abutments to be rebuilt Remove steel		100% 50%	- Nov/1945
	Ferrobeton	22+145	ARMO Edge-Abutments, piers 5 skew - Arches 165 span temporary	m. 29.75	20%	Nov/1945 for one track
	Parrini	23+ 19+5	Large bomb crater. River retaining wall.	Rebuilt 0.25 Km.	95%	Contractor told complete
C	I.S.T. & M.R.S.	Montelupo-Empoli	(33+925). Track (Five occupation roads (Eleven culverts	6220 Average m. 3.00		
	Contr.Pozzi	27+740	PRES. Edge Clear steel Both abutments Scour holes	m.30.80 -	~~100%~~ ~~50%~~ 100% 60% -	Must be done bef Oct/45
	Contr.Parri	30+247	Over canal steel ++ Abutments ++ Not commenced.	m. 8.75	100% 10%	
	Parrini	27+740	Pisa bridge		10%	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION — Sheet N°2.

Florence - Empoli - Pisa — State of works as at 27/6/45

	Description	Size	Progress	Est. Date of completion	Remarks
ntoluno	(27+572). Track Nineteen occupation roads Thirteen culverts	11642 m. 3.00 m. 2.00	10%	Nov/1945	Reconstruction of 5 small bridges
	OLTRONE Edge Abutments to be rebuilt Remove steel		100% 50%	- Nov/1945	Recovering of the span Reconstruction of "
	ARNO Edge-Abutments, piers 5 show - Arches 4CB open temporary	m. 29.75	20%	Nov/1945 for one track	Commenced reconstruction of the arches with concrete. Built all the frames.
	Large bomb crater. River retaining wall.	Rebuilt 0.25 Km.	95%	Contractor told to complete	Almost complete no men at work.
e-Empoli	(33+525). Track (Five occupation roads (Eleven culverts	6220 Average m. 3.00			
	PESA Edge Clear steel Both abutments Scour holes	m. 30.80 - -	~~100%~~ ~~50%~~ 100% 60%	Must be done before Oct/45 Floods	Recovering of spans reconstruction of the span. Not touched.
	Over canal steel ++ Abutments ++ Not commenced.	m. 8.75	100% 10%		1 bridge, 1 underpass complete Reconstruction of 5 works.
	Pisa bridge		10%		Building of the side Florence to lay the new span.

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RELAY CONTRACT OF COAT. OF CONTROL OF LINE CONSTRUCTION

State

Line No. 219 Florence - Empoli - Pisa

Job.No.	Agency	Location	Description	Size	Progress	Est.Date of completion
	Contr.Vannucci	32+837	Omit Bdge Steel Clear steel East abutment Rebuild East abutment Repair	m. 13.10 — —	50% — 90% 90%	August/1945
	U.S.A. & U.S.A. Contr.Pardi **Contr.Pardi.**	Empoli-S.Miniato Km. 39+13	(41+422) Track Twenty culverts Ex.st underframe U.S.A. Bdge span Abutments Take out steel.	9+422 m. 3.00 m. 3.00 m. 29.00 — —	80% Nil 20% Nil 15% 25%	To suit brid November/45 November/45
	U.S.A. & U.S.A. Contr.Pardi	S.Miniato - S.Donato 45+169	(9+274). Track Three culverts Ex.st underframe Abutments and span	5375 m. 3.00 m. 3.00 m. 8.23	5% 3% *	to suit bdge November/45
	U.S.A. & U.S.A. Contr.Pardi CO CR CR CO	S.Donato-Le Botte 51+34 51+79 52+78 54+129	(56+974). Track Five culverts Four underframes Valle and girder span - ditto - Cocim Ill span Take out steel Abutments Abutments and span	7541 m. 3.10 — m. 4.70 m. 5.40 m.22.50 — — m. 3.50	4% 15% 10% % 2% 2% NIL	To suit bdges Nov/45 " " (steel out Nov/45

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RAILWAY CONSTRUCTION UNIT, C.M.F. (ON BEHALF OF A.L.C.C. HEADQUARTERS)

orence - Empoli - Pisa

State of Works as at 21/6/45

	Description	Size	Progress	Est. Date of completion	Remarks
	Steel Bdge Steel Floor etc. East Abutment Rebuild West Abutment Repair	m. 13.10 — — —	50% — 90% 90%	 August/1945	Taken out only
Limite	(15+422) Track Twenty culverts Eight underpasses	9+493/ m. 3.00 m. 3.00	80% Nil 20%	To suit bridges	Two underpasses almost finished.
43	1 S.S. Bdge span Abutments Take out steel.	m. 29.00 — —	NIL 15% 25%	November/45	Reconstruction of the shoulder. Abutments.
e - mo	(19+274). Track Three culverts Eight underpasses Abutments and span	5375 m. 3.00 m. 3.00 m. 8.23	5% 3% %	to suit bdge co November/45	Reconstr. of a small bdge. Not commenced.
Le Botte	(36+974). Track Fifteen culverts Four underpasses Valle and Gleds Span - ditto - Canal Bge Span Take out steel Abutments Abutments and span	7641 m. 3.10 — m. 4.70 m. 5.40 m. 22.60 — — m. 3.50	4% 15% 10% % 2% 2% NIL	To suit bdges Nov/45 " " (steel out) Nov/45	Reconstruction of 4 small bridges Excavation to find old foundations. Not commenced. Excavations to discover the old foundations. Not commenced.

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RAILWAY CONSTRUCTION CONTRACT OAK UNDER CONTROL OF ALLIED COMMISSION

State of Works

Line No.219 Florence - Empoli - Pisa.

Job.No.	Agency	Location	Description	Size	Progress	Est.ate of completion
C.	M.R.S. & I.S.R.	La Rotta-Pontedera	(60+60). Track Five culverts Two underpass	3+626 m. 3.00 m. 6.00	20%	October/45
	Contr. Pardi	60+550	TEA Bdge span Take out steel Abutments	m. 29.10	1/4/11 40%	September/45
	M.R.S. & I.S.R. Contr. Pardi	Pontedera-Cascina Rutena Anissano Ermecelo	(70+308). Track NIL culverts Stream arch) " ") " ")	Km.9+708	Ready in time for bridges 100% 5% NIL	
C.	I.R.S. & I.S.R.	Cascina - S.Frediano	(70+671). Track	.Km. 0+363	Complete	Second track

N.B. Only single track west of this poi
Bridge over River at Pisa to be co

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Y CONSTRUCTIO CONTRACT O.K UNDER CONTROL OF ALLIED COMMISSION

Sheet N°4.

nroll - Pisa.

State of Works as at 27/6/45

	Description	Size	Progress	Est. ate of completion	Remarks
	(50+80). Track Five culverts One underpass two	3+626 m. 3.00 m. 5.05	20%	October/45	Reconstruction of 5 small bridges and 2 underpasses
	SEA Base open Take out steel Abutments	m. 29:10	40%	September/45	Reconstruction of the second track abutments and wing walls
	(70+308). Track NIL culverts stream roll) " ") " ")	Km.9+708	Ready in time for bridges 100% 5% NIL		Excevation for the ricon struction of the side of Not commenced. Pisa
	(70+71). Track	Km. 0+363	Complete	Second track	Short of Rails

N.B. Only single track west of this point to Pisa-
Bridge over River at Pisa to be constructed-

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RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSI

Line N°65.Arezzo-Pontassieve-Indicatore. State of works as at

Job N°	Agency	Location	Description	Size	Pro-gress	Est. date of completion
	I.S.R.contrac-tor Carassi	Arezzo Km.227-Indicatore Km.234	Track	Km. 7.00	In hand	-
			2 culverts, passes	Average m.2.20	-	-
AC/65/1101	Carassi	230+40 Km	Arch bridge (Vingone)	m.10.00	5%	Oct/1945
AC/65/1102	Carassi	231+72 Km.	3 Arch bridge-Drainage Canal	m.30.00	4%	June/1945
AC/65/1103	Carassi		Earthworks		-	-
AC/65/1104	I.S.R.	Indicatore-Monticino Km.243.	Track	Km. 9	-	-
AC/65/1105	Carassi		5 culverts, passes	Average m.2.00	-	-
AC/65/1106	Carassi	234+58 Km.	Bridge arch	m.7.00	2%	Nov/1945
AC/65/1107	Carassi	235+38 "	Bridge arch	m.9.80	2%	"
AC/65/1108	Carassi	240+90 "	One arch bridge	m.10.00	2%	"
AC/65/1109	Carassi	241+62 "	Viaduct (11 arches)	m.110	6%	March/1946
AC/65/1110	Carassi	241+77 "	Viaduct 3 arches	m.30.00	5%	Feb/1946
AC/65/1111	Carassi	242+65 "	Viaduct 3 arches	m.30.00	5%	Nov/1945
AC/65/1112	I.S.R.	----	Earthworks		-	-
AC/65/1113	I.S.R.	Monticino-Laterina Km.448+89	Track	Km.5	-	-
AC/65/1114	Carassi		5 culverts and passes	Average m.2.50	-	-
AC/65/1115	Carassi	243+65	Viaduct (5 arches)	m.50	7%	Nov/1945
AC/65/1116	Carassi	246+42	Viaduct (3 arches)	m.30	3%	Dec/1945
AC/65/1117	Carassi	247+39	Viaduct (3 arches)	m.30	3%	"
AC/65/1118	Carassi	247+90	Underpass	---	-	-
AC/65/1119	Carassi	248+60	Bridge (Brick arch)	m.10.00	1%	Nov/1945
AC/65/1120	I.S.R.		Earthworks		-	-
			It is proposed to bridge R.Vingone with German R.S.J's from Bucine to enable crane to clear train wreck from drainage canal.			

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RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION.

ntassieve-Indicatore. State of works as at

Location	Description	Size	Pro - gress	Est date of completion	Remarks
irezzo Km.227-Indicatore Km.234					
	Track	Km. 7.00	In hand	-	
	2 culverts, passes	Average m.2.20	-	-	Not yet commenced.
230+40 Km	Arch bridge (Vingone)	m.10.00	5%	Oct/1945	Train wreck cleared.
231+72 Km.	3 Arch bridge-Drainage Canal	m.30.00	4%	June/1945	To cleared train wreck gas and Tractor requirg
	Earthworks		-	-	Not yet commenced.
ndicatore-Ponticino Km.243.	Track	Km. 9	-	-	
	5 culverts, passes	Average m.2.00	-	-	
234+56 Km.	Bridge arch	m.7.00	2%	Nov/1945	debris cleared and found
235+38 "	Bridge arch	m.9.80	2%	"	being prepared.
240+90 "	One arch bridge	m.10.00	2%	"	
241+62 "	Viaduct (11 arches)	m.110	6%	March/1946	
241+77 "	Viaduct 3 arches	m.30.00	5%	Feb/1946	
242+65 "	Viaduct 3 arches	m.30.00	5%	Nov/1945	
---	Earthworks		-	-	Not much to be done.
Ponticino-Laterina Km.448+89	Track	Km.5	-	-	
	5 culverts and passes	Average m.2.30	-	-	
243+65	Viaduct (5 arches)	m.50	7%	Nov/1945	
246+42	Viaduct (3 arches)	m.30	3%	Dec/1945	
247+39	Viaduct (3 arches)	m.30	3%	"	line.
247+90	Underpass	--		-	Debris to be cleared from
248+60	Bridge (Brick arch)	m.10.00	1%	Nov/1945	Debris cleared.
	Earthworks		-	-	Not much to be done.
	It is proposed to bridge R.Vingone with German R.S.J's from Bucine to enable crane to clear train wreck from drainage canal.				N.B. Small span, where not yet commenced, will be completed by the time major works are ready.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMM

State of works as at 24/6/45

Line n°.65. Arezzo-Pontassieve-Florence.

Job N°	Agency	Location	Description	Size	Progress	Est.date of complet
AC/65/1140	Pontello	Km.257+51	One brick arch	M.10.00	0%	9.10.45
AC/65/1141	Pontello	Km.257+156	Viaduct (13 arches)	m.130	15%	"
AC/65/1142	Pontello	Km.257+65	Caccie tunnel	m.55	-	-
AC/65/1143	Pontello	Km.260+76	Bridge, steel span	m.11.15	0%	"
AC/65/1144	I.S.R.		Earthworks			
AC/65/1145	I.S.R.Montevarchi-S.Giovanni	Km.256+84	Track	Km.5+53		
AC/65/1146	Parrini		3 culverts & passes	Average 1.50		
AC/65/1147	Parrini	Km.261+79	Bridge 2 arches	m.12.80	15%	28.10.45
AC/65/1148	Parrini	Km.265+28	Bridge arch	m.8.00	0%	"
AC/65/1149	I.S.R.		Earthworks	Km.0+50		
AC/65/1150	I.S.R. S.Giovanni-Figline	Km.247+37	- Track	Km.7+53		
AC/65/1151	Parrini		5 culverts & passes	Average m2.00	15%	28.10.45
AC/65/1152	Parrini	Km.268+10+50	2 Bridges (arch)	m16.20-17.00	10%	
AC/65/1153	Parrini	Km.272+89	Bridge steel span	m 14.20		
I.S.R 1154	I.S.R.		Earthworks	Km.0+25		
AC/65/1155	I.S.R. Figline-Incisa	Km.270+30	- Track -	Km.4+93		
AC/65/1156	Parrini		9 culverts & passes	Average m1.75	15%	28.10.4
AC/65/1157	Parrini	Km.275+39	Bridge (3 arches)	m.16.80	30%	"
AC/65/1158	Parrini	Km.275+76	Bridge (Arch)	m.7.50	10%	"
AC/65/1159	Parrini	Km.277+97	Bridge (Arch)	m.8.50		
AC/65/1160	I.S.R.		Earthworks	Km.0+45		
		Km.278+35	(Mezzule)proposed temporary diversion to I.S.R. old ali			
			cut two ARNO river bridges.			

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 24/6/45

eve-Florence.

Location	Description	Size	Progress	Est.date of complet.	Remarks
Km.257+51	One brick arch	M.10.00	0%	9.10.45	
Km.257+156	Viaduct (13 arches)	m.130	15%	"	
Km.257+65	Caccia tunnel	m.55	-	-	Not damaged
Km.260+76	Bridge, steel span	m.11.15	0%	"	
	Earthworks				
rchi-S.Giovanni	Km.266+84 Track	Km.5+53			
	3 culverts & passes	Average 150			
Km.261+79	Bridge 2 arches	m.12.80	15%	28.10.45	
Km.265+28	Bridge arch	m.8.00	0%	"	
	Earthworks	Km.0+50			
anni-Figline	Km.247+37 - Track Km.7+53				
	5 culverts & passes	Average m2.00			
Km.268+10+50	2 Bridges (arch)	m16.20-17.00	15%	28.10.45	
Km.272+89	Bridge steel span	m 14.20	10%		The iron brid e will be rebuilt with concrete. We are waiting the supply of round iron to begin the foundations.
	Earthworks	Km.0+25			
s-Incisa	Km.279+30 - Track - Km.4+93				
	9 culverts & passes	Average m175			
Km.275+39	Bridge (3 arches)	m.16.80	15%	28.10.45	
Km.275+76	Bridge (Arch)	m.7.50	30%	"	
Km.277+97	Bridge (Arch)	m.8.50	10%	"	
	Earthworks	Km.0+45			
Km.278+35	(Mezzule)proposed temporary diversion to F.S.R. old alignment,cuts out two ARNO river bridges.				

Declassified E.O. 12356 Section 3.3/NND No. 785021

RAILWAY CONSTRUCTION ... OF WORK UNDER CONTROL OF ALLIED CO...

Line 65 Arezzo - ontassieve - Florence. Status of work as ...

Job No.	Agency	Location	Description	Size	Progress
	I.S.R. Contr. Cotola	Migliorina - Bucine Km. 253 + 63 - Track	Five culverts & passes	Km. 5 + 63 Average m. 2.75	- 5%
	ditto	Km. 249+35	Bridge Arch	m.10	5%
	ditto	249+75	Bridge (Arch)	m.10.00	5%
	ditto	251+90	Tunnel(di Migliorina)	m.433	3%
	ditto	252+50	Tunnel(di Querce)	m.68	-
	ditto	252+65	Tunnel (Vecciati)	m.155	3%
	ditto	252+97	Tunnel (dell'Ambra)	m.275	3%
	ditto	253+30	Viaduct (10 arches)	m.190	5%
	Commences Ing. Ricchi. I.S.R. Contr. Cotola	Bucine - Montevarchi Km. 261 + 41 - Track	Five culverts & passes	Km. 7 + 78 average m.2.70	- -
	ditto	254+10	Tunnel (S.Salvatore)	m. 376	4%
	ditto Contr. Pontello	254+28	Two bridges brich arch	m. 10	-
	ditto	254+55	Tunnel(Galleria di Poggiano)	m. 475	Nil
	ditto	254+94	Bridge Arch	m.8.20	5%
	ditto Contr. Pontello	255+40	Viaduct 9 arches	m.90.00	10%
	ditto	255+95	Viaduct 5 arches	m.75.00	4%
	ditto	256+45	Tunnel (Della Croce)	m.330.00	

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Declassified E.O. 12356 Section 3.3/NND No. 785021

RAILWAY CONSTRUCTION ... OF WORK UNDER ... OL OF ... AND COMMU...

...assiove - Florence. State of work as at 24/6/45

Location	Description	Size	Progress	Est.date of completion	Remark
...a - Bucine Km. 253 + 63	- Track Five culverts & passes	Km. 5 + 63 Average m. 2.75	- 5%	Will complete to date of major work	
m. 249+35	Bridge Arch	m.10	5%	Nov/1945	
249+75	Bridge (Arch)	m.10.00	5%	"	
251+90	Tunnel(di Migliorina)	m.433	3%	Feb/1946	
252+60	Tunnel(di Querce)	m.68	-	Feb/1946	No work
252+65	Tunnel (Vecciati)	m.155	3%	Feb/1946	North Portal
252+97	Tunnel (dell'Ambra)	m.275	3%	Feb/1946	ditto only
253+30	Viaduct (19 arches)	m.190	5%	June/1946	New work commenced
Ricchi.					
- Montevarchi Km. 261 + 41	- Track Five culverts & passes	Km. 7 + 78 average m.2.70	- -	will complete to date of major wk	Each Portal working, and
254+10	Tunnel (S.Salvatore)	m. 376	4%	Feb/1946	not commenced
254+28	Two bridges brich arch	m. 10	-	-	
254+55	Tunnel(Galleria di Poggiano)	m. 475	Nil	Feb/1946	
254+94	Bridge Arch	m.8.20	5%	9.10.45	
255+40	Viaduct 9 arches	m.90.00	10%	"	
255+95	Viaduct 5 arches	m.75.00	4%	"	
256+45	Tunnel (Della Croce)	m.330.00			

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLI

Line 65. Arezzo-Pontassieve-Florence

State of works as at 24/6/4

Job N°	Agency	Location	Description	Size	Progress	Est.d of compl
	(Temporary diversion to old		I.S.R.alignment (one river	Arno Bdge instead of Three		
AC/65/1161	I.S.R. Mezzuole Km.278+35		Track -Nth of Gall. S.Leo	Km.2 + 45 Km.280+80		
AC/65/1162	~~Parrini~~		4 culverts and passes			
AC/65/1163	~~Parrini~~	Km. 279+55	Viaduct 8 arches	m. 80		
AC/65/1164	~~Parrini~~	Km. 279+40	Retaining wall (River)	m.300		
AC/65/1165	~~Parrini~~	Km. 279+95	Retaining wall (River)	m.490		
AC/65/1166	~~Parrini~~	Km. 280+25	Viaduct (11 arches)	m.110		
AC/65/1167	~~Parrini~~	Km. 280+50	S.Antonio tunnel	m.226		
AC/65/1168	~~Parrini~~	Km. 280+77	Retaining wall (River)			
AC/65/1169	Parrini	Km. 280+95	Viaduct (7 arches)	m. 70	20%	28.10.
		Km. 290+00	apry : joints main line			
AC/65/1170	I.S.R.		Earthworks (side cut)appr.	Km.1+50		

This may be done as a temporary line to enable a service to be put into San Giovanni Mines - Priority I
A report has been prepared, on this.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION. (3A)

Leve-Florence State of works as at 24/6/45

Location	Description	Size	Progress	Est.date of complet.	Remarks
rsion to old	I.S.R.alignment (one river	Arno Edge instead of Three).			
Km.278+35	Track -Nth of Coll. S.Leo	Km.2 + 45 Km.280+80			Old line completly destroyed by mines & bombs. The reconstruction is not considered because expensive.
	4 culverts and passes				
m. 279+55	Viaduct 8 arches	m. 80			
m. 279+40	Retaining wall (River)	m.300			
m. 279+95	Retaining wall (River)	m.490			
m. 280+25	Viaduct (11 arches)	m.110			
m. 280+50	S.Antonio tunnel	m.226			
m. 280+77	Retaining wall (River)				
m. 280+95	Viaduct (7 arches)	m. 70	20%	28.10.45	
m. 290+00	arry : joints main line				
	Earthworks (side cut)appr.	Km.1+50			Dates of completion are those ones fix by contracts. We think that for the greatest part these works will not be finished with the fixed time. Some delays will be necessary.

done as a temporary line to enable a service to be put
vanni Mines - Priority I
been prepared, on this.

Above I.S.R. report.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED

Line N° 65 Arezzo-Pontassieve-Florence.

State of works as at 27/6/45

Job N°	Agency	Location	Description	Size	Progress	Est.date of compl.
		Incisa-Rignano Km.283+27 Main line Track		Km.7	-	-
AC/65/1171	I.S.R.		8 culverts & passes			
AC/65/1172	I.S.R.		Bdge 3 steel spans(Arno R)	m. 76	0%	28.10.45
AC/65/1173	Zitti	Km.279+20	Abutments			
	Zitti		Piers			
	Zitti		Spans			
	Zitti		Palazzotto tunnel	m.267	5%	28.10.45
AC/65/1174	Zitti	Km.279+75	Bridge 3 arches (R Arno)	m.75	4%	"
AC/65/1175	Zitti	Km.280+27	Abutments			
			Piers			
			Arches			
			S.Leo tunnel	m.90	0%	28.10.45
AC/65/1176	Zitti	Km.280+43	Bridge arch	m.8.00	20%	"
AC/65/1177	Parrini	Km.281+90	Bridge arch	m.10.00	20%	"
AC/65/1178	Parrini	Km.283+04	Bridge underpass	---		
AC/65/1179	I.S.R.	Km.285+36				

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

ssieve-Florence. State of works as at 27/6/45

Location	Description	Size	Progress	Est. date of compl.	Remarks
ignano Km.28	6+27 Main line Track	Km.7	-	-	Not much work on track to be done
	8 culverts & passes				
.279+20	Bdge 3 steel spans(Arno R)	m. 76	0%	28.10.45	Terni steel Coy for Spans
	Abutments				
	Piers				Not yet commenced.
	Spans				
.279+75	Palazzotto tunnel	m.267	5%	28.10.45	
.280+27	Bridge 3 arches (R Arno)	m.75	4%	"	
	Abutments				
	Piers				
	Arches				
.280+43	S.Leo tunnel.	m.90	0%	28.10.45	
.281+90	Bridge arch	m.8.00	20%	"	
.283+04	Bridge arch	m.10.00	20%	-"	Debris to be cleared.
.285+36	Bridge underpass	---			

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMI

Line N°65.Arezzo-Pontassieve-Florence. State of works as at

Job N°	Agency	Location	Description	Size	Progress	Est.d complo
AC/65/1180	I.S.R. Rignano-Pontassieve		Km.294+47 - Track	Km. 0+20		
AC/65/1181	Di Penta		20 culverts and passes	Average m.1		
AC/65/1182	Di Penta	Km. 286+39	Viaduct (11 arches)	m.77.00	30%	28.
AC/65/1183	Di Penta	Km. 286+45	Bridge Steel span	m.7.00	4%	
AC/65/1184	Di Penta	Km. 286+55	Bridge arch	m.7.00	8%	
AC/65/1185	Di Penta	Km. 287+21	Viaduct (12 arches)	m.120	6%	
AC/65/1186	Di Penta	Km. 289+21	Bridge 2 steel spans	m.94.35	Nil	
	Di Penta		Abutments (River Arno)		4%	
	" "		Centre pier		Nil	
AC/65/1187	Di Penta	Km. 290+00	Retaining wall(Frana Padi)	m.100	Nil	
AC/65/1188	Di Penta	Km. 290+60	Camicucciuli tunnel	m.117.65	3%	
AC/65/1189	Di Penta	Km. 291+35	Retaining wall (river)	m.305.00	Nil	
AC/65/1190	Di Penta	Km. 291+77	Bridge (1 arch)	m. 20.00	30%	
AC/65/1191	Di Penta	Km. 292+85	Retaining wall (river)	m.370.00	2%	
AC/65/1192	Di Penta	Km. 294+13	Bridge (3 arches) m. 20		)	
			(R.Sieve2 arches) m. 7	m. 74.00	) 5%	
AC/65/1193	I.S.R.		Earthworks	Km. 1.00	8%	
AC/65/1194	I.S.R. Pontassieve-Sieci	Km.298+63	- Track	Km. 4+18	-	-
AC/65/1195	Berni		2 culverts & passes	Average m.[illegible]		
AC/65/1196	Berni	Km. 296+25	Bridge overpass	m. 9.25	30%	7.8.
AC/65/1197	Berni	Km. 299+12	Bridge (2 arches)	m.24.00	50%	"
AC/65/1198	I.S.R.		Earthworks	Km.0+50	-	-
	Di Penta	**Km. 286+27**	**Retaining wall**	**m. 110**	6%	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

e-Florence. State of works as at

Location	Description	Size	Progress	Est.date completion	Remarks
Pontassieve	Km.294+47 - Track	Km. 8+20			
	20 culverts and passes	Average m.1			Track and earthworks
286+39	Viaduct (11 arches)	m.77.00	30%	28.10.45	can be ready in time
286+45	Bridge Steel span	m.7.00	4%	"	for the bridges.
286+55	Bridge arch	m.7.00	8%	"	
287+21	Viaduct (12 arches)	m.120	6%	"	
289+21	Bridge 2 steel spans	m.94.35	Nil	"	Steel span Terni Steelcoy.
	Abutments (River Arno)		4%	"	
	Centre pier		Nil	"	
290+00	Retaining wall(Frana Padi)	m.100	Nil	"	
290+60	Camicuccioli tunnel	m.117.65	3%	"	
291+35	Retaining wall (river)	m.305.00	Nil	"	
291+77	Bridge (1 arch)	m. 20.00	30%	"	
292+85	Retaining wall (river)	m.370.00	2%	"	
294+13	Bridge (3 arches) m. 20		)		
	(R.Sieve2 arches) m. 7	m. 74.00	) 5%	"	Demolished complete pier rounds 1m
	Earthworks	Km. 1.00	8%	"	
ve-Sieci	Km.298+63 - Track	Km. 4+16	-	-	as above section.
	2 culverts & passes	Average m.15			
296+25	Bridge overpass	m. 9.25	30%	7.8.45	
299+12	Bridge (2 arches)	m.21.00	50%	"	
	Earthworks	Km.0+50	-	-	as above section.
. 286+27	Retaining wall	m. 110	6%		Removal of debris.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMI

Line N°65.Arezzo-Pontassieve-Florence. State of works as at

Mob N°	Agency	Location	Description	Size	Progress	Est.date of complet.
		Sieci-Compiobbi Km.302+69.	- Track	Km. 4+03	In hand	15.7.4
AC/65/1199	I.S.R.		3 culverts & passes	Average M.S.		
AC/65/1200	Berni		Bridge (2 arches)	m. 12.00	35%	15.7.4
AC/65/1201	Berni	Km. 300+436	Bridge (2 arches)	m. 19.70	60%	6.9.4
AC/65/1202	Berni	Km. 301+82	Earthworks	Km.0+25	In hand	15.7.4
AC/65/1203	I.S.R.					
		Compiobbi - Firenze S.M.N. Km.314	- Track.	Km.12.00	completed	-
AC/65/1204	I.S.R.		One small culvert etc.		complted.	-
AC/65/1205	Berni		Bridge (arch)	m. 9.50	-	-
AC/65/1206	Berni	Km.303+386	Bridge 3 steel spans	m.19.20	-	-
AC/65/1207	Berni	Km.311+78	Bridge 3 steel spans	m.17.70	-	-
AC/65/1208	Berni	Km.313+68	Earthworks		complted.	
AC/65/1209	I.S.R.					
		Compiobbi - Firenze S.M.N. (Km.314) - Track.		Km.12.00	complted.	-
AC/65/1210	I.S.R.		one small culvert		complted.	-
AC/65/1211	Berni	Km.314	Earthworks		complted	-
AC/65/1212	I.S.R.					

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

tassieve-Florence. State of works as at

Location	Description	Size	Progress	Est.date of complet.	Remarks
ompiobbi Km.302+69.	- Track	Km. 4+03	In hand	15.7.45	Not mack to be done
	3 culverts & passes	Average M.5.			
Km. 300+436	Bridge (2 arches)	m. 12.00	35%	15.7.45	
Km. 301+82	Bridge (2 arches)	m. 19.70	60%	6.9.45	
	Earthworks	Km.0+25	In hand	15.7.45	as track
bi - Firenze S.M.N. Km.314	- Track.	Km.12.00	complete	-	
	One small culvert etc.		complte.	-	
Km.303+386	Bridge (arch)	m. 9.50	-	-	Not damaged
Km.311+78	Bridge 3 steel spans	m.19.20	-	-	Not damaged
Km.313+68	Bridge 3 steel spans	m.17.70	-	-	Not damaged
	Earthworks		complte.		
i - Firenze S.M.N. (Km.314)	- Track.	Km.12.00	complte.	-	
Km.314	one small culvert		complte.	-	
	Earthworks		complte	-	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF A

State of works as at 2nd July 1

Line 65. Roma-Orte-Chiusi.

Job N°	Agency	Location	Description	Size	Progress	Est.date of completi
AC/63/14/A	Pelicioni	Orte	Repair to the Sinata Tunnel Northbound track Orte		72%	15.6
AC/65/15/A	Bassano	Catolo	Strenhtening of the temporary bridge over the Tiber.	Km.92+370	95%	15.7.
AC/65/16/A	Zarbinati	Bassano	Defense for foundation 2nd pier of the temporary Tiber bridge, Chiusi side.	Km.92+370	2%	9.7.
AC/65/17/A	Marinangeli S.I.C.E.S.	Allerona	reconstruction Rio Torto viaduct	Km.140+764	10%	31.1
AC/65/18/A	Edilizia Meccanica	Allerona	Repairs to tunnels : Collelungo Montelogoli Armata		2%	31.
AC/65/19/A	Parisi	Allerona	Reconstruction Paglia river bridge, Km.134+036	11 arches : 7 of 20 mts. 4 of 8 mts.	5%	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 2nd July 1945.

Chiusi.

	Description	Size	Progress	Est.date of completion	Remarks
	Repair to the Umata Tunnel Orte	Northbound track	72%	15.8.45	Excavation 5th ring completed.
	Strengthening of the temporary bridge over the Tiber.	Km.92+370	95%	15.7.45	Driving in piles 3rd and 4th pier in hand.
	Defense for foundation 2nd pier of the temporary Tiber bridge, Chiusi side.	Km.92+370	2%	9.7.45	Work suspended due to lack of oxy.
	reconstruction Rio Torto viaduct	Km.140+764	10%	31.10.45	Reconstruct.of the 4th arc in hand, as well as the construction of the buttresses, Rome side.
	Repairs to tunnels : Collelungo Montelogoli Armata		2%	31.10.45	Excavation Armata tunnel Chiusi side.
	Reconstruction Paglia river bridge, Km.134+036	11 arches : 7 of 20 mts. 4 of 8 mts.	5%		Excavation of 4 piers in hand .

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Line 65. Rome - Orte.

RAILWAY CONSTRUCTION CONTRACT UNDER CONTROL

State of works as at 2 July 1945

Job No	Agency	Location	Description	Size	Progress	Est. date of completion
		Rome-Fara Sabina				
AC/65/4/A.	Parrini	Fara Sabina	Track & minor repairs for 2nd Track Monterotondo to Fara Sabina.	4 culverts, Km. 32+010-34+342-35+585-37+571	96%	31/7/
AC/65/5/A/	Travaglini	Poggio Mirteto	Track & minor repairs for second track Fara Sabina to Poggio Mirteto.	11,5 Km.track	100%	
AC/65/5/A	Ansoldi	Poggio Mirteto	Track & minor repairs for second track Fara Sabina to Poggio Mirteto	1 culvert Km. 38+906	100%	
AC/65/6/E	Parrini	Poggio Mirteto	Repairs to Farfa viaduct Km. 44.5	3 arches 11,7 each in 12 arches	32%	15/7/
AC/65/7/A	Travaglini	Stimigliano	Track & minor repairs for second track Poggio Mirteto to Stimigliano	8 km.of track	100%	
AC/65/8/A	Parrini	Stimigliano	Repairs to bridge Km.49.1	T.M.arch culv.	96%	31.7
AC/65/9/A	Travaglini	Civita Castellana	Track & minor repairs 2nd track Stimigliano to Civita Castellana.	13 km.of track	100%	
AC/65/10/A	Civita Castellana	Cenni	Repairs to bridge over River Imella	Single span 4 m to be lifted and repaired.	55%	

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RAILWAY CONSTRUCTION CONTRACT UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 2 July 1945

ion	Description	Size	Progress	Est.date complet.	Remarks
a Sabina					completed
bina	Track & minor repairs for 2nd Track Monterotondo to Fara Sabina.	4 culverts, Km. 32+010-34+342-35+585-37+371	96%	31/7/45	Works suspended, awaiting arrival of cement.
Mirteto	Track & minor repairs for second track Fara Sabina to Poggio Mirteto.	11,5 Km.track	100%		
Mirteto	Track & minor repairs for second track Fara Sabina To Poggio Mirteto	1 culvert Km. 38+306	100%		
Mirteto	Repairs to Farfa viaduct Km. 44.5	3 arches 11,7 each in 12 arches	92%	15/7/45	In the course of this week the girder will be removed, so as to carry out the work on the arch N°8.
liano	Track & minor repairs for second track Poggio Mirteto to Stimigliano	8 km.of track	100%		
liano	Repairs to bridge Km.49.1	T.M.arch culv.	96%	31.7.45	Works suspended, awaiting arrival of cement.
Castella	Track & minor repairs 2nd track Stimigliano to Civita Castellana.	13 km.of track	100%		
	Repairs to bridge over River Imella	Single span 4 m to be lifted and repaired.	55%		The work is not carried out according to the plan, as the Allied Comm is putting a military girder.

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Line 65. Rome-Orte.

RAILWAY CONSTRUCTION CONTRACT WORK (AC)

State of works as at 2 July 1945

Job No	Agency	Location	Description	Size	Progress	Est. Date of Completion
AC/65/12/A	Travaglini	Gallese Teverina	Track & minor repairs for second track Civita Castellana to Gallese Teverina.	4 Km.of track	100%	
AC/65/13/A	Travaglini	Orte	Track & minor repairs second track Gallese to Orte .	9 km. of track repaired .	100%	

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RAILWAY RECONSTRUCTION CONTRACT UNDER CONTROL OF ALLIED

State of works as at 2 July 1945

tion	Description	Size	Progress	Est.date complet.	Remarks
e Teveri-	Track & minor repairs for second track Civita Castel- lana to Vallese Teverina.	4 Km.of track	100%		
	Track & minor repairs second track Vallese to Orte .	9 km. of track repaired .	100%		

C.R.E.

AHS/em

TRANSPORTATION SUB-COMMISSION, A.C.,
(RAIL DIVISION)
c/o.Transportation (Br) Main,
C.M.F.

Tel : 843239
Ref : AC/Tn/15/30 C.E.

5th July 1945

SUBJECT : Monthly report for June 1945.

TO : Chief of Rail Section.

Rome-Avezzano (Line 83).

Work has progressed well during the month on this line.

Terni-Rieti (Line 277).

Very little progress has been made due to the difficulties encountered in obtaining cutting gasses for the contractors. We have been advised that no steel spans can be supplied from M.R.S. dock without approval of both London and Washington.

Ortona-Ancona (Line 86).

Through working from Ortona to Ancona possible as from 23.59 on the 30th June.

Bastia-Ellera (Line 244).

The opening of this line will be delayed due to the difficulty in obtaining steel for bridge repairs.

Private Railway Benevento-Cancello.

Line will open to traffic 4th July.
The delay has been caused by landslips in the tunnel.
Lauria Viaduct Calabro Lucano Sig. No attempt has yet been made to start the repair of the above viaduct.
Work is actively proceeding on the following works.

Line 242 Albacina-Civitanova
245 Porto D'Ascoli-Ascoli
246 Giulianova-Teramo

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Also permanent repairs to bridges on

Line 86 North and 87

At the reconstruction subcommittee meeting it was announced

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Rome-Avezzano (Line 88).

Work has progressed well during the month on this line.

Terni-Rieti (Line 277).

Very little progress has been made due to the difficulties encountered in obtaining cutting gasses for the contractors. We have been advised that no steel spans can be supplied from M.R.S. dock without approval of both London and Washington.

Ortona-Ancona (Line 86).

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Work is actively proceeding on the following works.

Line 242 Albacina-Civitanova
245 Porto D'Ascoli-Ascoli
246 Giulianova-Teramo

Also permanent repairs to bridges on

Line 86 North and 87

At the reconstruction subcommittee meeting it was announced that all work not being carried out by Military units would be the responsability of A.C.

Northern Italy

Reconstruction work has progressed well and it is hoped to have the Line Genoa-Ventimiglia opened by the end of June. The Frayus tunnel and two steel bridges on the Turin-Modane line have been taken over by the M.R.S. for completion Work is proceeding actively on the Genoa-La Spezia Line.

General. The supply of cement has now improved, but we are

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faced with a serious deteriozation in the supply of P.O.L. and cutting gasses, with the result that work is severely handicapped.
Notice has also been received that stores held by M.R.S. cannot be transferred to the I.S.R. without the approval of Washington and London. This will not tend to speed up the execution of works.

A.H.STREET, Major.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF AL
STATE OF WORKS AS AT 2nd July 194

Line 294.Avellino-Rocchetta.

Job N°	Agency	Location	Description	Size	Progress	Est.date of completi
AC/294/1	Barba Salvatore	Km.[illegible]	Viaduct, 5 spans, each of 10 metres.	Reconstruction of 3 arches .	88%	11.7.
AC/294/2	Galzenati	Km.25+187	Bridge over Calore, 4 spans 18 metres each.	Reconstruction of one arch.	30%	16.7.
AC/294/3	Galzenati	Km.35+352	Bridge, 5 spans.	Reconstruction of arch.		
AC/294/4	Galzenati	Km.37+353	40 m span bridge, steel girder.	Fix in girder, pieces of which will be utilized.	30%	20.8.
AC/294/5	Galeone	Km.44+747	Calore Viaduct, 3 spans, Each of 12 metres.	Reconstruction of 3 arches.	32%	9.8.
AC/294/6	Galeone	Km.52+606	Avella Viaduct, 5 spans, each of 15 metres.			
AC/294/7	Colantuono	Km.54+544	Overbridge, 10 m span.	Reconstruction of arch.	60%	29.7

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.
STATE OF WORKS AS AT 2nd July 1945.

-Rocchetta.

tion	Description	Size	Progress	st.date of completion	Remarks
96	Viaduct, 5 spans, each of 10 metres.	Reconstruction of 3 arches .	88%	11.7.45	Side walls and front walls very well in hand.
187	Bridge over Calore, 4 spans 18 metres each.	Reconstruction of one arch.	90%	16.7.45	Cap completed, abutment walls very well in hand.
952	Bridge, 5 spans.	Reconstruction of arch.			completed.
953	40 m span bridge, steel girder.	Fix in girder, pieces of which will be utilized.	30%	20.8.45	One contract for the bridges at Km.65+814, 70+841 and 87+860. Large lenght has been lifted, lifting of short lenght in hand. Cutting of steel completed. Supply of timber in hand.
47	Calore Viaduct, 3 spans, Each of 12 metres.	Reconstruction of 3 arches.	32%	9.8.45	Brick work, pier, Avellino side, well in hand. Excavation for foundation pier, Rocchetta side started.
06	Avella Viaduct, 5 spans, each of 15 metres.				Contractors called to tender. Work to be completed within 60 days.
44	Overbridge, 10 m span.	Reconstruction of arch.	60%	29.7.45	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDE

Line 294. Avellino-Rocchetta.

State of works as at 2nd July

Job N°	Agency	Location	Description	Size	Progress	Est.date of completi
AC/294/8	Bonassini Michelangelo	Km.65+146	Overbridge, 7 metre span.	Reconstruction of arch.	75%	17.7.4
AC/294/9	Galzenati	Km.65+814	Steel grrder bridge over Ofanto river, 39.76 m.span.	Construction of girder, pieces of which will be utilized.	---	10.8.4
AC/294/10	Galzenati	Km.70+841	Steel girder bridge over Ofanto river, 20 m span.	Fix in steel girders.	- --	10.8.4
AC/294/11	Galzenati	Km.87+860	Steel girder bridge, I span 31.60 metre.	Fix in steel girder.	5%	30.8.4
AC/294/12	Pagliarulo	Km.117+970	Ofanto river bridge, steel girder, skew span, 56 mts.	Temporary diversion of line	15%	
AC/294/13	Galzenati	Km.Conza Andretta .	Passenger station, engine shed, and line keepers house at Km.76+655.	Reconstruction.		
AC/294/14	Pignatelli & Grisolia.				20%	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMM.

State of works as at 2nd July 45.

n	Description	Size	Progress	Est. date of completion	Remarks
	Overbridge, 7 metre span.	Reconstruction of arch.	75%	17.7.45	Arch completed. Side and front walls very well in hand.
	Steel girder bridge over Ofanto river, 39.76 m. span.	Construction of girder, pieces of which will be utilized.	---	10.8.45	Supply of sleepers in hand.
	Steel girder bridge over Ofanto river, 30 m span.	Fix in steel girders.	---	10.8.45	do.
	Steel girder bridge, 1 span 31.60 metre.	Fix in steel girder.	5%	30.8.45	do.
	Ofanto river bridge, steel girder, skew span, 56 mts.	Temporary diversion of line	15%		Excavation and demolitions at the crossing, Avellino side, in hand.
ndret	Passenger station, engine shed, and line keepers house at Km.76+655.	Reconstruction.			Contract to be awarded on the 25.6.45.
			20%		Supply for of timber for supports of bridges at Km.37+353, 65+814, 87+162 and for the centerings of the bridge at Km.52+606 in hand.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONT

State of works as at 2nd July

Line 88. Rome Avezzano.

Job N°	Agency	Location	Description	Size	Progress	Est. date of complet.
AC/88/1	Soc.Ital.Costr. e Lav.Pubbl.	Roma-Carsoli				
AC/88/2	" "	Carsoli	Track & minor repairs from Carsoli-Colle di M.Bove	6 Km.	95%	15.8
AC/88/3	" "	Km.75+012	Repair to steel bridge	15.50 mts span	95%	
AC/88/4	" "	Km.75+521	Repairs to viaduct	6 arches of 10 metres.		
AC/88/5	" "	Km.77+298	Repairs to viaduct	4 arches of 10 metres.	95%	15.8
AC/88/6	" "	Km.78+860	Viaduct	8 arches of 10 metres.	80%	15.8
AC/88/7	" "	Km.81+587	Track & minor repairs from Colle di M.Bove to S.Marie.	6 kms.	95%	15.8
AC/88/8	Soc.Laziale	Monte Bove tunnel.		100 metres destroyed.	50%	15.8
	Soc.Laziale	S. Marie	Track & minor repairs from S.Marie to Tagliacozzo	5 Kms.		
	Soc.Laziale	S.Marie	Repairs to 1 culvert			
	Soc.Laziale	Km.89+917	Steel bridge	5 metres span	98%	

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RAILWAY CONST UCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

State of works as at 2nd July 1945 .

en	Description	Size	Progress	Est. date of complet.	Remarks
oli					completed.
	Track & minor repairs from Carsoli-Colle di M.Bove	6 Km.	95%	15.8	Work will be completed as soon as the reconstructions are completed.
	Repair to steel bridge	15.50 mts span	95%		Reconditioning of girders.
	Repairs to viaduct	6 arches of 10 metres.			completed.
	Repairs to viaduct	4 arches of 10 metres.	95%	15.8	
	Viaduct	8 arches of 10 metres.	60%	15.8	
	Track & minor repairs from Colle di M.Bove to S.Marie.	6 kms.	95%	15.8	
		100 metres destroyed.	50%	15.8	The new percentage shewn represents the definitive reconstruction works of the retaining wall .
	Track & minor repairs from S.Marie to Tagliacozzo	5 Kms.			completed.
	Repairs to I culvert				completed.
	Steel bridge	5 metrex span	98%		Fix in of temporary small girder at the abutments very well in hand.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF AI

State of works as at 2.

Line 88. Rome-Avezzano.

Job N°	Agency	Location	Description	Size	%	Est. date of completion
AC/88/9	Laziale	Tagliacozzo	Track & minor repairs from Tagliacozzo to Villa S . Sebastiano.	5 Kms.	95%	15.8.45
AC/88/10	Laziale	Km.93+040	Brick bridge	8 m span		
AC/88/11	Laziale	S.Sebastiano	Track & minor repairs from S.Sebastiano to Scurcola M.	3 Kms.	95%	15.8.45
	Laziale	Km.97+376	1 culvert			
	Laziale	Km.98+729	1 culvert			
	Laziale	Km.98+885	1 culvert			
AC/88/12	Laziale	Scrucola M.	Track & minorrepairs from Scurcola M.Capelle Magliano	2 Kms.	95%	15.8.45
AC/88/13	Laziale	Scurcola M.	Minor repair to 10 culverts at Km.99+009-99+145-99+537-99+432-99+607-99+852-100+112 100+278-100+436-100+605.		55%	15.8.45
AC/88/14	Laziale	Km.99+658	Repairs to girder bridge	10.00 m span	20%	31.5.45

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 2.7.1945?

Description	Size	%	Est. date of completion	Remarks
Track & minor repairs from Tagliacozzo to Villa S. Sebastiano.	5 Kms.	95%	15.8.45	Work will be completed, as soon as the structures are completed.
Brick bridge	8 m span			completed.
Track & minor repairs from S.Sebastiano to Scurcola M.	3 Kms.	95%	15.8.45	The track work will be carried out, as soon as the structures are completed.
1 culvert				completed
1 culvert				completed
1 culvert				completed
Track & minorrepairs from Scurcola M.Capelle Magliano	2 Kms.	95%	15.8.45	The track work will be carried out, as soon as the superstruct. are completed.
Minor repair to 10 culverts at Km.99+009-99+145-99+537-99+432-99+607-99+852-100+112 100+278-100+436-100+605.		55%	15.8.45	Repairs to all culverts in hand.
Repairs to girder bridge	10.00 m span	20%	31.5.45	Masonry of abutment in hand.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL

State of Works as

Line 88. Rome-Avezzano.

b N°	Agency	Location	Description	Size	Progress	Est. date of complet
AC/88/15	Laziale	Km.100+793	Repairs to girder bridge	10.00 m span	10%	15.8.4
AC/88/16	Laziale	Cap.Magliane	Track & minor repairs from Capelle Magliano to Avezzano.	4 Kms.	95%	15.8.4
AC/88/17	Laziale	Cap.Magliane	Track & minor repair to I culvert at Km.101+153		35%	15.8.4
AC/88/18A	Laziale	Cap.Magliane	Track & minor repair to I culvert at Km.101+331		35%	15.8.4
AC/88/19	Laziale	Cap.Magliane	Track & minor repair to I culvert at Km.105+886		35%	15.8.4
AC/88/20	Laziale	Cap.Magliane	Track & minor repair to I culvert at Km. 106+505		35%	15.8.4

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.
State of Works as at 30th May 1945. (

No.	Description	Size	Progress	Est. date of complet.	Remarks
tion 3	Repairs to girder bridge	10.00 m span	10%	15.8.45	Masonry of abutment in hand.
ane	Track & minor repairs from Capelle Magliano to Avezzano.	4 Kms.	95%	15.8.45	The track work will be carried out, as soon as the structures at are completed.
ane	Track & minor repair to I culvert at Km.101+153		35%	15.8.45	Repairs to all culverts in hand.
ane	Track & minor repair to I culvert at Km.101+331		35%	15.8.45	ditto.
ane	Track & minor repair to I culvert at Km.105+886		35%	15.8.45	ditto.
ane	Track & minor repair to I culvert at Km. 106+505		35%	15.8.45	ditto.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMM

State of Works as at 4th July.

Line 277.

Job N°	Agency	Location	Description	Size	Progress	Est. date of complt.
AC/277/1001	Tiberine Zerbinati	Rieti	Repairs to bridge at Km. 191+696.	Cut up existing 40mts W.I.span, repair abutments. Pile 2 trestles, launch R.S.J.'s superstructure.	65%	
AC/277/1002	Tiberine Zerbinati	Rieti	Repairs to bridge at Km. 193+017.	Cut up existing 30mts W.I.span, repair abutments. Pile 2 trestles, launch R.S.J's superstructure.	80%	
AC/277/1003		Rieti	Repairs to bridge at Km; 208+430.	Plate top boom of W.I.lattice girder	65%	
CA/277/1004		Terni	Repairs to bridge at Km. 213+701.	Cut up exciting 40mts W.I.span. repair abutments. Pile 2 trestles, launch R.S.J's superstructure.	62%	
AC/277/1005	Tiberine	Terni	Repairs to tunnel at Km. 216+739.	Clear debris and rebuild tunnel for a length of 45mts	100%	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of Works as at 4th July.

on	Description	Size	Progress	Est. dat of complt.	Remarks
i	Repairs to bridge at Km. 191+696.	Cut up existing 40mts W.I.span, repair abutments. Pile 2 trestles, launch R.S.J.'s superstructure.	65%		Driving of timber piling continues. 27 piles driven out of a total 36. Progress is not satisfactory.
i	Repairs to bridge at Km. 193+017.	Cut up existing 30mts W.I.span, repair abutments. Pile 2 trestles, launch R.S.J's superstructure.	80%		Ready to receive steel-work. Same as June report.
i	Repairs to bridge at Km. 208+430.	Plate top boom of W.I.lattice girder	65%		Work stopped. Generator broken down. No progress since June report.
ni	Repairs to bridge at Km. 213+701.	Cut up exciting 40mts W.I.span. repair abutments. Pile 2 trestles, launch R.S.J's superstructure.	62%		Clearing of original superstructure still in hand. Work proceeding slow and progress not satisfactory.
ni	Repairs to tunnel at Km. 216+739.	Clear debris and rebuild tunnel for a length of 45mts	100%		

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMM

State of Works as at 4th July.

Line 277.

Job N°	Agency	Location	Description	Size	Progress %	Est. date of complt
AC/277/1006	Tiberine	Terni	Repairs to bridge at Km. 228+790.	Cut up exciting 35 mts W.I.span, repair abutments Pile 2 trestles, launch R.S.J's superstructure.	35%	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of Works as at 4th July.

ation	Description	Size	Progress %	Est. date of complt	Remarks
Terni	Repairs to bridge at Km. 228+790.	Cut up exciting 35 mts W.I.span, repair abutments Pile 2 trestles, launch R.S.J's superstructure.	35%		Cutting up of superstructure still in hand 60% completed. Work proceeding very slow and progress not satisfactory.

- MILAN - DIVISION -
- MONTHLY REPORT JUNE 1945 -

Line N° 53. Milano - Torino.

Stone bridge at Km. over River Ticino. This a Rail and Highway Bridge, Road traffic now suspended and using German diversion, I.S.R. at work making safe for the winter, tmain service, speed restriction. Also see separate Report Tn/A.C./4/45/ of 15th June.

Line N° 53/147.

Diversion between Lonato, S.Martino della Battaglia, Castelnuovo, in operation. Contracts let and work commenced on the permanent Bridge and Viaduct to be completed before the Floods.
Verona-Venice-Section has been temporarilly repaired by M.R.S.

Line N° 65.

Section Prato-Bologna. Temporary bridges and diversions in between Grizzana - Monzuno; Monzuno-Pianoro, Pianoro-S.Ruffillo.

Section Bologna-Milan. Temporary bridges over River Reno Bridge over River Secchia near Modena, brick piers being rebuilt, Bridge over Enza most of the Piers out, reconstruction work commenced. Bridge over river Taro 9 span, (temporary German) still in position, work proceeding on the remaining 6, also permanent repairs commenced. Bridge just north Fidenza, all blown out only two half piers left, work in hand.
Bridge over Arda, work poceeding on piers and abutments.
Bridge over the Muse work well in hand, also here only two half piers of the original structure left.

Line N° 69.

Bologna-Verona-Brennero. put into operation by M.R.S.

Line N° 61.

Milano-Tortona. Bridge over River Ticino, work commenced on permanent Bridge.
Bridge over river PO no work on this bridge when I visited the site.
Bridge at Straffara temporary repairs made
Bridge over torrente Curone temporary repairs made.
Bridge at junction South of Tortona temporary repairs made.

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Diversion between Lonato, S.Martino della Battaglia, Castelnuovo, in operation. Contracts let and work commenced on the permanent Bridge and Viaduct to be completed before the Floods.
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Line Nº 69.

Bologna-Verona-Brennero. put into operation by M.R.S.

Line Nº 61.

Milano-Tortona. Bridge over River Ticino, work commenced on permanent bridge.
Bridge over river PO no work on this bridge when I visited the site.
Bridge at Straffara temporary repairs made
Bridge over torrents Curone temporary repairs made.
Bridge at junction South of Tortona temporary repairs made.

Line Nº 66.

Bridge over Trebbia, diversion being made which enables a ~~bridge~~ pass line to operate via Voghera to Genova.

GENERAL

Work of Recce and Survey by the I.S.R. Engineers was very

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seriously hampered by the lack of tyres, until higher Authority could be persuaded to release sufficient for preliminary needs.
The work % construction and repair suffered from lack of transport, this was rectified by the release of lorries to the I.S.R. Compartimento, but to date it has not been possible to obtain the necessary authority for the requisite P.O.L. thus wehave approx. one hundred lorries not able to work to full capacity.
Unless this is promptly arranged, it is probable that the winterization programs will be seriously affected, owing to the loss of valuable long hours of day light and low water periods in the rivers.

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HEADQUARTERS ALLIED COMMISSION
A P O 394
TRANSPORTATION SUB COMMISSION

Reference: TN/AC/10 CE Date: 5 June 45

Subject : Reconstruction Line ~~21~~65 I.S.R.
Arezzo - Florence.

To : O.C. Tn AC. Rails (Through Major Street).

1. Progress on this line is very slow - mostly by reason of circumstances outside the control of I.S.R. and their contractors, as follows.

2. The major trouble is transport, shortage of fuel and tyres. This latter was covered by the letter to the Director of 29th May 45 asking that tyres be released to I.S.R. for them to hire to their contractors for the duration of the work. Tyres are available in the Month.

3. It is stated that the fuel supply has been cut in Florence by some thousands galls, but that Methane Gas is available, it is not know if there are sufficient. Pressure reducing valves and feed apparatus available, to fit up the number of lorries cars etc. (see totals appendix A and approx. monthly fuel consumption). Also where gas filling stations are in operation in this area.
A.M.G. have been very helpful in allocating approx. 10 trucks per day for conveyance of reconstruction materials, but since ist June 45 owing to shortage they arrive with approx. only 7 liters in each tank, which is inadeguate to do the necessary work.
It is requested that H.Q. Rome take up the question of the release to I.S.R. who will be responsible for this and issue of coupons to their contractors of sufficient Petrol,Gas oil, Lub oil per month as per appendix "A", for the reconstriction work, which is pratically at a stand still, to be completed:the alternative is to shut down the work on these lines until supplies do become available.

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4. The following vehicles were requisitioned by A.M.G. (Consorzio Autotrasporti): CEIRANO Targa 25539 FI HP 35 this since released. SPA Targa 29546 FI (HP 34)

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2. The major trouble is transport, shortage of fuel and tyres. This latter was covered by the letter to the Director of 29th May 45 asking that tyres be released to I.S.R. for them to hire to their contractors for the duration of the work. Tyres are available in the North.

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A.M.G. have been very helpful in allocating approx. 10 trucks per day for conveyance of reconstruction materials, but since ist June 45 owing to shortage they arrive with approx. only 7 liters in each tank, which is inadeguate to do the necessary work.
It is requested that H.Q. Rome take up the question of the release to I.S.R. who will be responsible for this and issue of coupons to their contractors of sufficient Petrol,Gas oil, Lub oil per month as per appendix "A", for the reconstruction work, which is praticallly at a stand still, to be completed:the alternative is to shut down the work on these lines until supplies do become available.

3082

4. The following vehicles were requisitioned by A.M.G. (Consorzio Autotrasporti): CEIRANO Targa 25539 FI HP 35 this since released. SPA Targa 29546 FI (HP 34) RVIII/35/RL/R25 refers, release has been asked for 16th March, 26th March and 20th April 45. still waiting for this second vehicle. It was stated that it had to be used on food supply; as since 27th April there has been a daily movement by rail of approx.250 tons which should enable the release to be made of this vehicle: from the long term point of view;no vehicles to reconstruct the railroads, no more rail roads will be in operation, by the time the M.T. vehicles are worn out.

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5. SUPPLY OF MATERIALS. Oxigen and Acetylene gas recuired to cut such sections of Bridge and train wrecks that are too heavy and too much entangled for the machinery that the C.R.E. whi is helping us with this work. Untill these sites can be cleared the contractors cannot commence the rebuilding of the bridges.

6. Reported (29th May 45) that no supplies of cement had arrived for I.S.R. Arezzo. 600 tons was earmarked for this line for May.

7. Three large Bridges over the Arno Km. 279+20, 3 steel spans Km.280 + 27 3 Arches Km. 289+21 2 steel spans. Two of these steel spans are still in the river but appear to be repairable: contracts~~s~~ let to the Terni Steel Works for recovery and reconditioning, unless they get busy on the recovery the river which is very low now will risen before they can get them out. The reason for the delay in awarding the contract was because of the difficulty in find a firm now left with the necessary machinery.

8. Line 219 Arno River Bridge Ferrobeton. This work is beginning to move now. Two piers approx 60% complete to shoulder level - Two piers approx.40% complete to shoulder level? Arranging for the steel false work for twe rings to go into position 9th June. West abutments Foundations commenced: East Abutment Excavation 80% complete and R/forced concrete shoulder for Arch Ring complete. Stated long half section for one track should be complete by October 45.

9. Cement. Some doubtful cement has been shipped up to date the exact quantity and where stored not yet known endeavours are being made to trace this and have it tested.I.S.R. Engineers have been asked to submit a full report and to make sure that it is segragated - One wagon No. ?. Has been traced from this number would you please locate the supplies and advise

? to follow.

10. AC/Tn Rails Officer Florence, Italian Army (Colonel Maccari Centro Requisizione Autoveicoli, Via Giovanni Bovio 9, Florence) are wanting to recuisition one of

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9. Cement. Some doubtful cement has been shipped up to date the exact quantity and where stored not yet known endeavours are being made to trace this and have it tested.I.S.R. Engineers have been asked to submit a full report and to make sure that it is segragated - One wagon No. ? Has been traced from this number would you please locate the supplies and advise AC/Tn Rails Officer Florence, Italian Army (Colonel Maccari Centro Requisizione Autoveicoli,Via Giovanni Bovio 9,Florence) are wanting to requisition one of Ferrobeton lorris. SPA 38 Targa 84113 Roma (3-ton). Can this be stopped through A.C. Italian Army Mission Sub-Comm.AC.Rome.

? to follow.

10. Herewith monthly Reports Line 219 and 65 in triplicate. It will be noticed that the names of some contractors on line 219 have been changed:this previous firms were temporary working with Vth Army. The present firms are on the permanent work.

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12. Since writing the fore going para 3. The Region Tn Officers A.M.G. informs me that A.F.H.Q. have instruct that all vehicles as far as possible are to be fitted to use Metano Gas and that there will be Gas filling stations.
Will endeavour to obtain a list of these stations and where located also that the vehicles will be measured up for the Metano Gas installation, and that when ready the change over will take 24/28 hours only.
But meanwhile a P.O.L. allocation should be made if possible to I.S.R.

S P Buckley

S.P. BUCKLEY, Major R.E.
Tn/SC/AC/ Rail
(Engineering Branch.)

SPB/mm.

Distribution : C.C. Transport Florence
Major Blair
Capo Compartimento
X Col. Lindberg, for Director. ✓
Major Street-~~D.D.R.S.~~.

Please forward if in agreement.

3030

Declassified E.O. 12356 Section 3.3/NND No. 785021

will be Gas filling stations.
Will endeavour to obtain a list of these stations and where located also that the vehicles will be measured up for the Metano Gas installation, and that when ready the change over will take 24/28 hours only.
But meanwhile a P.O.L. allocation should be made if possible to I.S.R.

S P Buckley

S.P. BUCKLEY, Major R.E.
Tn/SC/AC/ Rail
(Engineering Branch.)

SPB/mm.

Distribution : O.C. Transport Florence
Major Blair
Capo Compartimento
X Col. Lindberg, for Director.
Major Street- ~~B. [illegible] S.~~

Please forward if in agreement.

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AHS/em

TRANSPORTATION SUB-COMMISSION, A.C.,
(RAIL DIVISION)
c/o.Transportation Increment,
C.M.F.

Tel : 843239 31th May 1945
Our ref : AC/Tn/15 C.M.

TO : Chief of Rail Division.

SUBJECT : Monthly report for May 1945.

Roma - Avezzano. Line 83.
The section Arsoli-Carsoli was handed over to traffic during the month.

Terni - Rieti. Line 277.
This work still proceeds very slowly due to inefficiency of contractor.

Rome - Viterbo. Line 257.
Opened to traffic May 7th.

Ortona - Ancona. Line 86.
All work completed except clearing of land slide at Castellana tunnel it is not expected that this will be cleared before June 15th.

Arezzo - Florence. Line 65.
Work proceeded on this line according to programme.

Civitavecchia Port.
All work completed except one siding to Banchina Cialdi, which is held up pending completion of quay wall by Public works.
Electric lighting of central station completed.

Petrace bridge. Line 92.
Completed and opened to the traffic 31th May.

Termoli - Campobasso. Line 279.
Opened to traffic.

Bastia - Ellera. Line 244.
Work on this line is proceeding slowly due to difficulty in obtaining steel.

Private Railway Benevento - Cancello.
Work has proceeded well and all difficulties have been overcome.
The line will be available for traffic on June 7th.

Work proceeded on the following :

Underbridge at Naples.
Permanent repair Riotorto Viaduct.

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Terni - Avezzano. Line 88.
The section Arsoli-Carsoli was handed over to traffic during the month.

Terni - Rieti. Line 277.
This work still proceeds very slowly due to inefficiency of contractor.

Rome - Viterbo. Line 257.
Opened to traffic May 7th.

Ortona - Ancona. Line 86.
All work completed except clearing of land slide at Castellana tunnel it is not expected that this will be cleared before June 15th.

Arezzo - Florence. Line 65.
Work proceeded on this line according to programme.

Civitevecchia Port.
All work completed except one siding to Banchina Gialdi, which is held up pending completion of quay wall by Public works.
Electric lighting of central station completed.

Petrace bridge. Line 32.
Completed and opened to the traffic 11th May.

Termoli - Campobasso. Line 279.
Opened to traffic.

Bastia - Ellera. Line 244.
Work on this line is proceeding slowly due to difficulty in obtaining steel.

Private Railway Benevento - Cancello.
Work has proceeded well and all difficulties have been overcome.
The line will be available for traffic on June 7th.

Work proceeded on the following :

Underbridge at Naples.
Permanent repair Riotorto Viaduct.
Running shed Leghorn.
Various work Rome.
Line 88 Pescara - Chieti.

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242 Albacina - Civitanova
245 Porto D'Ascoli-Ascoli
246 Giulianova- Teramo
291 Cancello - Torre Annunziata
Repairs Biferno, Ofanto bridge,
During the month the following works were handed over by M.A.S.
Permanent repair to bridges and line 586 (North) and 87.

General

Great difficulty is experienced and loss of time incurred, due to the inefficient manner the cement supply question is being handed.
Release notes are issued on factories unable to produce 500 grade cement other release orders are cancelled and other factories cannot supply due to lack of raw material.
The work is also serious by delayed due to lack of supervision owing to the I.C.R. being unable to obtain any means of road transport.

A.H.STREET, Major.

3128

Declassified E.O. 12356 Section 3.3/NND No. 780021

HEADQUARTERS ALLIED COMMISSION
APO 394
TRANSPORTATION SUB-COMMISSION

For Rome file.

Reference: Tn/AC/10 & 3 CF

Date: 29 Apr.45

Subject : Monthly Reports
(Rapporti Mensili)

To : I.S.E. Capo Compartimento,
Florence.

1. Attached copy of Report on lines for April 45 as a specimen: also a quantity of blank forms.

2. It is requested that you fill on the last three columns each month.

3. Any additional items of work, such as Livorno Round House, the bridge just North of Pisa etc. to be added.

4. These to be sent to Rome office by the 29th of each month for forwarding to C.C. Rail Reconstruction Rome (Major Street D.S.O.).

1. Qui accluso copia del rapporto sulle linee per Aprile 45 e anche alcuni moduli in bianco.

2. E' richiesto che voi riempiate le ultime tre colonne ogni mese.

3. Qualunque altro lavoro come la rotonda a Livorno, il ponte a Nord di Pisa etc. devono essere aggiunti.

4. Queste devono essere mandate all'ufficio di Roma per il 29 di ogni mese per essere fatte seguire all'ufficiale Comandante le Ricostruzioni a Roma (Major Street D.S.O.).

SFB

S.F. BUCKLEY, Major R.E.
for Lt.Col.H.O. Linstead, RE
Tn/SC/AC. Rail.

SFB/mm.

Distribution:
Sig. Lo Cigno, Capo Servizi, Roma. - Without Specimens
Ing. Pellegatti, Roma (for Arezzo Area) Arezzo - Buccini Line 65-
" Vello, Florence (for Pisa Livorno Area) Line 219.
" Bicchi, Florence (for Florence Arezzo) Florence - Buccini Line 65-
" Manucciani, Arezzo (For Steel Work) ?
" Cardini, Arezzo. ?
File Florence - Without Specimens
" Rome. - " - ditto -

N.B.

3027

Declassified E.O. 12356 Sec. 3.3/NND No. 782021

1. Attached copy of Report on Lines for April 45 as a specimen also a quantity of blank forms.

2. It is requested that you fill on the last three columns each month.

3. Any additional items of work, such as Livorno Round House, the bridge just North of Pisa etc. to be added.

4. These to be sent to Rome office by the 29th of each month for forwarding to C.C. Rail Reconstruction Rome (Major Street D.S.O.).

1. Qui accluso copia del rapporto sulle linee per Aprile 45 e anche alcuni moduli in bianco.

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3. Qualunque altro lavoro come la rotonda a Livorno, il ponte a Nord di Pisa etc. devono essere aggiunti.

4. Queste devono essere mandate all'ufficio di Roma per il 29 di ogni mese per essere fatte seguire all'Ufficiale Comandante le Ricostruzioni a Roma (Major Street D.S.O.).

S.P.B.

SPB/mm.

S.P. HUMPHRY, Major R.E.
for Lt.Col.H.C. Lindberg, RE
In/CE/AC. Rail.

Distribution:
Sig. Lo Cigno, Capo Servizi, Roma. - Without Specimens
Ing. Pellegatti, Roma (for Arezzo area) Arezzo - Bucini Lines
" Vello, Florence (for Pisa Livorno area) Line 219.
" Nicchi, Florence (for Florence Arezzo) Florence - Bucini Lines
" Manucciani, Arezzo (for steel work) ?
" Cavalini, Arezzo.
File Florence - Without Specimens
" Rome. - " ditto "

N.B.
Blank Proformai to be sent up to Flor Office (Rails) Lines 219 & 65.

Done
SPB

3027

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0210

MONTHLY REPORT APRIL.

Rome - Avezzano, Line 88. Work has proceeded more satisfactorally on this line during the month.

Terni - Rieti.Line 277. Work here proceeds slowly due to difficulty in obtaining oxygen, acetylene and Carbide.

Ortona - Ancona. Line 86. This work has proceeded well and would have been completed by the 30th April, except for a bad slip at the Castellana due to heavy rain.This slip occured on the 25th and it is not yet possible to say when the work will be completed.

Pisa-Empoli-Florence.Line 219. The work on the permanent repairs continued during the month.This work has been delayed due to the necessity for giving priority to opening the line to traffic.

Arezzo-Florence.Line 65. Work was continued on this line in clearing demolitions and building of piers.

Civitavecchia Port. All sidings on the original scheme are practically complete and the extra sidings required in Civitavecchia Centrale have been authorized.
The lighting at Civitavecchia Centrale and Civitavecchia Porto Tarquinia is well in hand.

Rome - Viterbo.Line 257. This work was completed on April 30th and a test train will be run on May 3.

Petace Bridge.Line 92. This work is now proceeding well, the S. span is practically complete and the erection of the centre span commenced, all material is on site, and night work commenced on the 25th with a view to improving on the target date.

Termoli-Campobasso.Line 279. A test train has been arranged for the 30th and the line should be available by May 1st.

Bastia - Elerra.Line 244. Work on this reconstruction is delayed due to difficulty in obtaining release of steel for Tiber bridge.

The following works were started during the month :

Underbridge Naples.
Permanent repairs Rio Torto Viaduct .
Running sheds at Livorno,Rome Smistamento etc.

The following works have been authorized and preparation for starting the work are in hand.

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the Castellana due to heavy rain. This slip occured on the 25th and it is not yet possible to say when the work will be completed.

Pisa-Empoli-Florence. Line 219. The work on the permanent repairs continued during the month. This work has been delayed due to the necessity for giving priority to opening the line to traffic.

Arezzo-Florence. Line 65. Work was continued on this line in clearing demolitions and building of piers.

Civitavecchia Port. All sidings on the original scheme are practically complete and the extra sidings required in Civitavecchia Centrale have been authorized.
The lighting at Civitavecchia Centrale and Civitavecchia Porto Tarquinia is well in hand.

Rome - Viterbo. Line 257. This work was completed on April 30th and a test train will be run on May 3.

Petace Bridge. Line 92. This work is now proceeding well, the S. span is practically complete and the erection of the centre span commenced, all material is on site, and night work commenced on the 25th with a view to improving on the target date.

Termoli-Campobasso. Line 279. A test train has been arranged for the 30th and the line should be available by May 1st.

Bastia - Elerra. Line 244. Work on this reconstruction is delayed due to difficulty in obtaining release of steel for Tiber bridge.

The following works were started during the month :

Underbridge Naples.
Permanent repairs Rio Torto Viaduct .
Running sheds at Livorno, Rome Smistamento etc.

The following works have been authorized and preparation for starting the work are in hand.

3028

Line 88 Pescara - Chieti
" 220 Chiusi - Empoli
" 242 Albacina-Civitanova
" 245 Porto d'Ascoli-Ascoli
" 246 Giulianova-Teramo
" 291 Cancello-Torre Annunziata
Repairs to Biferno bridge; Line 86 south
" " Ofanto bridge, Line 86 south
Various works in Rome.

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Private Railways.

Benevento - Cancello . At the request of A.F.H.Q. work on this reconstruction is being pushed but it has been found that the report submitted by the owning company were entirely inaccurate and that there is a great deal of work still to be done.Difficulty is being met with in obtaining release of sleepers.

General.

The cement difficulty has been overcome, as 4.700 tons have been released for works of non military priority during ~~June~~ May.

The lack of proper road transport both for the I.S.R. and this office is causing serious delay in inspection and carrying out of the works.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

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AHS/em

TRANSPORTATION SUB-COMMISSION, A.C.
(RAIL DIVISION)
C/o. Transportation Increment
C.M.F.

7th April 1945

Tel. 843238
Our Ref. : AC/Tn/15/28/C.E.

TO : The Chief of Rail Division.

SUBJECT : Monthly reports.

1. Herewith please find monthly reports for the month of March for submission to the D.M.R.S.

2. In addition to the works of which details are given, preliminary arrangements for carrying out the following works are in hand.

Avellino - Benevento
Avellino - Rocchetta
Cancello - Torre Annunziata
Bastia - Ellera
Termoli - Campobasso

and various small works on buildings, running sheds, etc.

3. Termoli - Campobasso will be completed by the 20th April. The delay in completion is due to slips occurring in the tunnels, due to snow and rain.

Cancello - Benevento
arrangements are being made to supply 8 Km. of track complete, which is all the material required for the work.

A.H. STREET, Major,
Tn.S.C., A.C.

3024

AHS/ef

TRANSPORTATION SUB-COMMISSION, A.C.,
(RAIL DIVISION)
C/o.Transportation Increment,
C.M.F.

Tel : 843239
Cur ref:AC/Tn/15/27/C.E.

3rd April 1945

TO : Chief of
Rail Division

SUBJECT : Monthly report.

Rome - Avezzano.Line 38.

Work has now been restarted on the whole section of the line and the section Mandela-Arsoli opened to traffic on the 31st .

Terni - Rieti. Line 277.

Work has not been satisfactory on this line due to poor work and lack of equipment of the contractors, also the difficulty of obtaining oxygen and acetylene required for cutting up the demolished steel spans.

Ortona-Ancona. Line 85.

Progress on this workshas been very satisfactory although there has been delay due to shortage of cement. There is no reason why this work should not be completed by the target date.

Vada-Rosignano. Line 50.

Line available for traffic on 30th of March.

Pisa-Empoli-Florence.Line 219.

Open to traffic 31st March.
Work commencing on permanent repairs.

Arezzo-Florence.Line 55.

The clearing of demolition was continued and as work of rebuilding piers and abutments using Roman cement in place of Portland cement due to the shortage of the latter, was continued.
Work on numerous small works was continued when cement was

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Rail Division

SUBJECT : Monthly report.

Rome - Avezzano.Line 88.

Work has now been restarted on the whole section of the line and the section Mandela-Arsoli opened to traffic on the 31st .

Terni - Rieti. Line 27.

Work has not been satisfactory on this line due to poor work and lack of equipment of the contractors, also the difficulty of obtaining oxygen and acetylene required for cutting up the demolished steel spans.

Ortona-Ancona. Line 86.

Progress on this workshas been very satisfactory although there has been delay due to shortage of cement. There is no reason why this work should not be completed by the target date.

Voda-Rosignano. Line 50.

Line available for traffic on 28th of March.

Pisa-Empoli-Florence.Line 219.

Open to traffic 31st March.
Work commencing on permanent repairs.

Arezzo-Florence.Line 65.

The clearing of demolition was continued and as work of rebuilding piers and abutments using Roman cement in place of Portland cement due to the shortage of the latter, was continued.
Work on numerous small works was continued when cement was available.

Civitavecchia Port. 3023

The following sidings were completed:
To Calata Principe Tommaso
Molo Sardegna
Loopline on Molo Traiano
and work put in hand on the two sidings to Molo Vicchieri.

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Rome-Viterbo. Line 257.

Work continued satisfactorily .

Retrace Bridge. line 32.

All masonry work completed and demolitions of old spans well in hand. The delivery on site of new span has started. Target date for completion 30 June.

Contracts have been let for the following works : Avellino-Benevento and Avellino-Rocchetta and financial approval obtained for the following works :

Underbridge at Naples
Permanent repairs Orte-Chiusi
Running Sheds Leghorn, Rome Smistamento etc.
Termoli-Campobasso. Line 270.

Further damage has occured to the tunnels due to rain and snow and this line will not be ready for traffic till 30th April.

General.

Cement. Work has been seriously handicapped due to shortage of cement, only 1590 tons being received out of 8990 required.

Transport. The withdrawal of car on daily assignment and the difficulty of obtaining cars when required has seriously hampered the inspection of the work and the solving of the numerous difficulties experienced by the contractors.

For the proper supervision of the work it is essential that at least two cars be allocated to this branch on daily assignment.

A.H. STREET
Major,
Tn-Sub.Comm.A.C.

Declassified E.O. 12356 Section 3.3/NND No. 785021

well in hand. The delivery on site of new span has started. Target date for completion 30 June.

Contracts have been let for the following works : Avellino-Benevento and Avellino-Rocchetta and financial approval obtained for the following works :

Underbridge at Naples
Permanent repairs Orta-Chiusi
Running Sheds Leghorn, Rome Smistamento etc.
Termoli-Campobasso. Line 279.

Further damage has occured to the tunnels due to rain and snow and this line will not be ready for traffic till 30th April.

General.

Cement. Work has been seriously handicapped due to shortage of cement, only 1520 tons being received out of 8990 required.

Transport. The withdrawal of car on daily assignment and the difficulty of obtaining cars when required has seriously hampered the inspection of the work and the solving of the numerous difficulties experienced by the contractors.

For the proper supervision of the work it is essential that at least two cars be allocated to this branch on daily assignment.

A.H. STREET
Major,
Tn-Sub.Comm.A.C.

3622

Declassified E.O. 12356 Section 3.3/NND No. 780021

0218

Declassified E.O. 12356 Section 3.3/NND No. 785021

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED

State of works as at 20 Mar

Line 279. Termoli-Campobasso.

Agency	Location	Description	Size	Progress	Est. date of completion	R
	Km. 9.51	Repairs to bridge	Construction work complete under trac Required ballasting and relaying track.		22.3.45	
	KM. 12.37	Repairs to bridge	Track relaid		completed	
	Km. 48.30	Repairs to bridge	Track relaid		completed	
	Km. 58.93	Repairs to bridge	Parapet walls to complete and relay track.			Estimated IO
	Km. 65.98	Repairs to bridge	Parapet walls over 3 spans to complete and relay track.			Time IO days.
	Km. 66.10	Repairs to tunnel	36 feet of soffit only to complete			Time 15 days.
	Km. 72.62	Repairs to bridge	One parapet wall to complete & relay track.			Time IO days.
	Km. 72.70	Repairs to tunnel	50 cubic Yards muck to clear.Result of recent fall.			Time IO days
	Km. 79.44	Repairs to tunnel	800 cubic yards muck to clear.			Time 25 days recent fall.

0219

Declassified E.O. 12356 Section 3.3/NND No. 785021

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 20 March 1945.

mpobasso.

Description	Size	Progress	Est. date of completion	Remarks
pairs to bridge	Construction work complete under track Required ballasting and relaying track.		22.3.45	
pairs to bridge	Track relaid		completed	
pairs to bridge	Track relaid		completed	
pairs to bridge	Parapet walls to complete and relay track.			Estimated IO days to complete
pairs to bridge	Parapet walls over 3 spans to complete and relay track.			Time IO days.
pairs to tunnel	36 Feet of soffit only to complete			Time 15 days.
pairs to bridge	One parapet wall to complete & relay track.			Time IO days.
pairs to tunnel	50 cubic Yards muck to clear.Result of recent fall.			Time IO days.
pairs to tunnel	800 cubic yards muck to clear.			Time 25 days. Most muck result of recent fall.

02201

Declassified E.O. 12356 Section 3.3/NND No. 785021

Line 279. Termoli-Campobasso.

Agency	Location	Description	Size	Progress	Est. date of completio	Remark
	Km. 80.82	Repairs to bridge	Parapet walls to complete and relay track.			
	Km; 80.89	Repairs to tunnel	1000 cubic Yards muck to clear.			Most muck result bad timbering.Tim
	Km. 81.32	Repairs to tunnel	5000 cubic Yards to clear.			Most muck result Time 15 days.
	Km. 81.50	Repairs to bridge	Parapet walls to complete & relay track.			Time 5 days.
	Km. 81.60	Embankment	Tip muck excavated tunnel 81.32 km.			Time 15 days.
	Km. 81.70				complete	
						Project less adv vember. Heavy fa tunnels due slip All work held up now settled. Wo Times given my e 250 men. All P-W as above.

D.C.D.C.

0221

Declassified E.O. 12356 Section 3.3/NND No. 785021

. Termoli-Campobasso.

Description	Size	Progress	Est date of completio	Remarks
pairs to bridge	Parapet walls to complete and relay track.			
pairs to tunnel	1000 cubic Yards muck to clear.			Most muck result recent fall due bad timbering. Time 25 days.
pairs to tunnel	3000 cubic Yards to clear.			Most muck result of recent fa . Time 15 days.
pairs to bridge	Parapet walls to complete & relay track.			Time 5 days.
bankment	Tip muck excavated tunnel 81.32 km.			Time 15 days.
			complete	
				Project less advanced than end November. Heavy falls of muck into tunnels due slips following snow etc All work held up due wage dis te now settled. Work commenced today. Times given my estimate using total 250 men. All P-way complete except as above.

AHS/ef

22/

HEADQUARTERS ALLIED COMMISSION
APO 394
TRANSPORTATION SUB -COMMISSION
(Railway Division)

Tel : 843239 3rd March 1945
Our reference:AC/Tn/15/22/C.R.

TO : Chief of Rail Division

SUBJECT : Monthly Report.

1. During the month of February progress on the various works has been satisfactory except in the following cases.

Rome - Avezzano. Line 88. work was badly delayed to the roads being blocked by snow.

Terni - Rieti . Line 277. Slow work by contractor.

Ortona - Ancona .Line 86. Work on part of this line, although of high military priority was delayed due to the difficulty in obtaining cement.

Vada - Rosignano.Line 50. Due to difficulty in obtaining steel spans for Fine river bridge.

New works started.
During the month the following important new works were put in hand.

Pisa-Empoli-Florence.Line 219.This was started as an A.C. commitment but has been quite taken over by the military for the time being.

Arezzo - Florence.Line 65.Limited reconstruction, i.e. clearing of demolitions and rebuilding piers to springing level was put in hand,this policy isdictated by the shortage of cement.

Various small works such as repairs to Running shed at Livorno,Running shed Pescara and Running shed at Leghorn were put in hand.

During the month following works were completed.

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Declassified E.O. 12356 Section 3.3/NND No. 780021

SUBJECT : Monthly Report.

1. During the month of February progress on the various works has been satisfactory except in the following cases.

Rome - Avezzano. Line 88. work was badly delayed to the roads being blocked by snow.

Terni - Rieti . Line 277. Slow work by contractor.

Ortona - Ancona .Line 89. Work on part of this line, although of high military priority was delayed due to the difficulty in obtaining cement.

Vada - Rosignano.Line 50. Due to difficulty in obtaining steel spans for Fine river bridge.

New works started.
During the month the following important new works were put in hand.

Pisa-Empoli-Florence.Line 219.This was started as an A.C. commitment but has been quite taken over by the military for the time being.

Arezzo - Florence.Line 65.Limited reconstruction, i.e. clearing of demolitions and rebuilding piers to springing level was put in hand,this policy isdictated by the shortage of cement.
Various small works such as repairs to Running shed at Livorno,Running shed Pescara and Running shed at Leghorn were put in hand.

During the month following works were completed.
Piombino - Campiglia. Line 229. on 28th Feb.

General. Commitments for future new works, will have to be considerably reduced due to shortage of cement.

Proper supervision of the work is entirely inadequat due to insufficient staff & by the I.S.R. Engineers due to lack of transport.

3019

A.H. STREET ,
Major ,
Th-Sub.Comm.A.C.

Declassified E.O. 12356 Section 3.3/NND No. 782021

EJM/em

25

TRANSPORTATION SUB-COMMISSION, A.C.
(RAIL DIVISION)
C/o. Transportation Increment
C.M.F.

REF. : AC/Tn/100/277/M.P.I

3rd March 1945

TO : Major A.H. STREET,
Tn.S.C., A.C.,
Rail Division.

SUBJECT : Line 277.

1. Enclosed herewith Progress Report of the Terni-Rieti section of the above line.

2. As will be seen work is progressing very unsatisfactory The causes are that contractors have not sufficient or correct plant for tackling the work.

3. Zerbinati have only five cutters on the whole of the work and are experiencing difficulties in obtaining oxygen and acetylene supplies.

4. All the remaining plant they have available is :

a)- Two hand winches
b)- Two 3 ton block and falls.

5. In an effort to hasten the work and allow the Imprese Tiberine to commence their work, two Churchill tanks were borrowed from the R.A.C.T.D. to drag the W.I. spans out of the way of the new trestles. Zerbinati promised to supply the cable but as it never arrived the attempt was made with steel tow ropes belonging to the R.A.C.T.D. The attempt was partly successful but the ropes broke. Further attempts will be made when hawses are available. These have now been promised by the I.S.R. from electric hoists in sub-stations. (Conversation 2nd March Major Mole - Eng. Lo Cigno).

6. With regard to the Imprese Tiberine no real estimate can be made as they have been forced to wait on three of the bridges until the sunken W.I. lattice girders have been removed. But to date they have had to be given all assistance both with regard to obtain timber piles, locate the steel work, transport materials and obtain labour. All these have been accomplished by the more than generous assistance given by Major Crippen, P. Commissioner Rieti Province and Lt. Tiding D.A.D.L.

7. All cement and bricks for the total work are either

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1. Enclosed herewith Progress Report of the Terni-Rieti section of the above line.

2. As will be seen work is progressing very unsatisfactory The causes are that contractors have not sufficient or correct plant for tackling the work.

3. Zerbinati have only five cutters on the whole of the work and are experiencing difficulties in obtaining oxygen and acetylene supplies.

4. All the remaining plant they have available is :

a)- Two hand winches
b)- Two 3 ton block and falls.

5. In an effort to hasten the work and allow the Imprese Tiberine to commence their work, two Churchill tanks were borrowed from the R.A.C.T.D. to drag the W.I. spans out of the way of the new trestles. Zerbinati promised to supply the cable but as it never arrived the attempt was made with steel tow ropes belonging to the R.A.C.T.D. The attempt was partly successful but the ropes broke. Further attempts will be made when hawses are available. These have now been promised by the I.S.R. from electric hoists in sub-stations. (Conversation 2nd March Major Mole - Eng. Lo Cigno).

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7. All cement and bricks for the total work are either on the jobs or at Terni.

8. The Imprese Tiberine have been instructed to submit a detailed report as to their proposals for completing the work to time.

E.J. MOLE, Major,
Tn.S.C., A.C.
Rail Division.

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0226

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AHS/ef 26

HEADQUARTERS ALLIED COMMISSION
APO 394
TRANSPORTATION SUB-COMMISSION
(Railway Division)

4th March 1945

Tel : 943239
Our reference: RC/Tn/17.26/C.E.

TO : Eng:LO Cigno
Chief of Works Service.

SUBJECT : Monthly report.

1. I notice that the time has changed on monthly reports for completion of various works. Please instruct your Engineer that the time for completion must be adhered too, unless authority is obtained for alteration. This is specially important in the case of works at port, as the Movement Division make out programmes for the arrival of ships based on the completion date of the work.

2. Please take up this matter seriously with your Engineers.

C.H.LINDBERG,
Lieut-Colonel,
En-Sub.Comm.A.C.

2017

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TRANSPORTATION SUB-COMMISSION, A.C.
(RAIL DIVISION)
C/o. Transportation Increment
C.M.F.

REF. : AC/Tn/100/277/M.P.I 3rd March 1945

TO : Major A.H. STREET,
Tn.S.C., A.C.,
Rail Division.

SUBJECT : Line 277.

1. Enclosed herewith Progress Report of the Terni-Rieti section of the above line.

2. As will be seen work is progressing very unsatisfactory The causes are that contractors have not sufficient or correct plant for tackling the work.

3. Zerbinati have only five cutters on the whole of the work and are experiencing difficulties in obtaining oxygen and acetylene supplies.

4. All the remaining plant they have available is :

a)- Two hand winches
b)- Two 3 ton block and falls.

5. In an effort to hasten the work and allow the Impresa Tiberine to commence their work, two Churchill tanks were borrowed from the R.A.C.T.D. to drag the W.I. spans out of the way of the new trestles. Zerbinati promised to supply the cable but as it never arrived the attempt was made with steel tow ropes belonging to the R.A.C.T.D. The attempt was partly successful but the ropes broke. Further attempts will be made when hawses are available. These have now been promised by the I.S.R. from electric hoists in sub-stations. (Conversation 2nd March Major Mole - Engr. Lo Cigno).

6. With regard to the Impresa Tiberine no real estimate can be made as they have been forced to wait on of the bridges until the sunken W.I. lattice girders have been removed. But to date they have had to be given all assistance but with regard to obtain timber piles, locate the steel work, transport materials and obtain labour. All these have been accomplished by the more than generous assistance given by Major Crippman, R. Commissioner Rieti Province and Lt. Tiding D.A.D.L.

7. All cement and bricks for the total work are either on the jobs or at Terni.

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section of the above line.

2. As will be seen work is progressing very unsatisfactory The causes are that contractors have not sufficient or correct plant for tackling the work.

3. Zarbinati have only five cutters on the whole of the work and are experiencing difficulties in obtaining oxygen and acetylene supplies.

4. All the remaining plant they have available is :

a)- Two hand winches
b)- Two 3 ton block and falls.

5. In an effort to hasten the work and allow the Impresa Tiberina to commence their work, two Churchill tanks were borrowed from the R.A.O.E.D. to drag the W.I. spans out of the way of the new trestles. Zarbinati promised to supply the cable but as it never arrived the attempt was made with steel tow ropes belonging to the R.A.O.E.D. The attempt was partly successful but the ropes broke. Further attempts will be made when hawsers are available. These have now been promised by the I.S.R. from electric hoists in sub-stations. (Conversation 2nd March Major Mole - Eng. Lo Cigno).

6. With regard to the Impresa Tiberina no real estimate can be made as they have been forced to wait on of the bridges until the sunken W.I. lattice girders have been removed. But to date they have had to be given all assistance but with regard to obtain timber piles, locate the steel work, transport materials and obtain labour. All these have been accomplished by the more than generous assistance given by Major Crippmen, R. Commissioner Rieti Province and Lt. Tilding D.A.D.I.

7. All cement and bricks for the total work are either on the jobs or at Terni.

8. The Impresa Tiberina have been instructed to submit a detailed report as to their proposals for completing the work to time.

R.J. MOLE, Major
Tn.S.C., A.C.
Rail Division.

Declassified E.O. 12356 Section 3.3/NND No. 780021

18.

Subject: Progress Reports for Contract Works.

Military Railway Service
C.M.F.
Tele.Firebox 41
Outside Line 843236
17 January 1945.
Ref.Tn.A.4/172.

To: Transportation Sub-Commission (Rails)
H.Q., Allied Commission.

Reference your letter AC/246 A/TN dated 7th January 1945.

It has been decided that the monthly progress report on contract works submitted by you to this office would be more acceptable if brought exactly into line with our own reports. This will not involve the supply of much additional information during the progresses of the work, but will require a rather more detailed statement preparing at the outset. In addition it will be necessary to assign a Job number to each section of the work. These will be supplied by this office on application.

I attach herewith proforma showing the form in which the information should be presented. The details of the columns are self explanatory. To assist you in the preparation of this form I have comleted one form in respect of the work now proceeding between Rome and Orte on Line 65.

Two copies of the statement will be required each month.

Will you please confirm that you are agreeable tothe use of this form.

(C.Williams)
Major R.E.
for Brigadier,
Director,Military Railway Service.

Declassified E.O. 12356 Section 3.3/NND No. 785021

Reference your letter AC/246 A/TN dated 7th January 1945.

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Two copies of the statement will be required each month.

Will you please confirm that you are agreeable to the use of this form.

(C.Williams)
Major R.E.
for Brigadier,
Director, Military Railway Service.

2015

Declassified E.O. 12356 Section 3.3/NND No. 785021

0231

Declassified E.O. 12356 Section 3.3/NND No. 785021

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line 65 ROME - ORTE

State of Works as at 1st

Job No.	Agency.	Location.	Description.	Size.	Progress.	Est' Comp
AC/65/1/A.		Rome.	Track and minor repairs Rome to Km.13.5 for second track.	13.5 Km.of track repairs.	~~10%~~	28.
AC/65/2/A.		Sette Bagni	Track and minor repairs for second track Km.13.5 to Sette Bagni.	3.5 kms.of track repairs.	10%	28.
AC/65/3/A.	Contractor Parrini	Monteroton-do.	Track and minor repairs for second track Sette Bagni to Monterotondo.	8.5 kms.track repairs and one culvert.	~~10%~~ ~~Nil.)~~ Nil	28. 28.
AC/65/4/A.	Contractor Parrini	Fara Sabina	Track and minor repairs for second track Monterotondo to Fara Sabina.	11.5 kms.track repairs and 3 culverts.	~~10%~~ Nil.)	28. 28.
AC/65/5/A.	Contractor Ansoldi. Parrini.	Poggio Mir-teto.	Track and minor repairs for second track Fara Sabina to Poggio Mirteto.	11.5 kms.track repairs and 2 one culverts.	~~10%~~ ~~Nil.)~~ 80%	28. 28.
AC/65/6.A	Contractor Parrini.	Poggio Mir-teto.	Repairs to FARFA Viaduct Km.44.5	3 arches 11.7 m. each in 12 arch viaduct.	~~Nil.~~ 10%	28.
AC/65/7.A	Contractor Parrini.	Stimigliano	Track and minor repairs for second track Poggio Mirteto to Stimigliano.	8 Kms.of track and one culvert.	10% 10%	28.
AC/65/8.A	Contractor Parrini.	Stimigliano	Repairs to bridge km.49.1	7 m.arch culvert	Nil.	28.
AC/65.9.A		Civita Castel lana.	Track and minor repairs second track Stimigliano to Civita Castellana.	13 kms.of track repairs.	10%.	28.

...../to Sheet 2.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

ILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of Works as at 1st January I945.

Description.	Size.	Progress.	Est'd date of Completion.	Remarks.
Track and minor repairs Rome to Km.I3.5 for second track.	I3.5 Km.of track repairs.	~~I0%~~	28.2.45.	
Track and minor repairs for second track Km.I3.5 to Sette Bagni.	3.5 kms.of track repairs.	I0%	28.2.45.	
Track and minor repairs for second track Sette Bagni to Monterotondo.	8.5 kms.track repairs and one culvert.	~~I0%~~ ~~Nil.)~~ Nil.	28.2.45 28.2.45	
Track and minor repairs for second track Monterotondo to Fara Sabina.	II.5 kms.track repairs and 3 culverts.	~~I0%~~ Nil.)	28.2.45 28.2.45	Contractor for structures has been let and
Track and minor repairs for second track Fara Sabina to Poggio Mirteto.	11.5 kms.track repairs and one culverts.	~~I0%~~ ~~Nil.)~~ 80%	28.2.45 28.2.45	work will commence 2 nd January 1945.
Repairs to FARFA Viaduct Km.44.5	3 arches 11.7 m. each in 12 arch viaduct.	~~Nil.~~ 10%	28.2.45	work delayed due to non arrival of cement. This has now been delivered.
Track and minor repairs for second track Poggio Mirteto to Stimigliano.	8 Kms.of track and one culvert.	~~I0%~~ 10%	28.2.45.	
Repairs to bridge km.49.1	7 m.arch culvert	Nil.	28.2.45.	
Track and minor repairs second track Stimigliano to Civita Castellana.	13 kms.of track repairs.	I0%.	28.2.45.	

...../to Sheet 2.

0231

Declassified E.O. 12356 Section 3.3/NND No. 785021

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

State of Works as at 1

Line 65 ROME-ORTE

Job N°	Agency	Location	Description.	Size.	Progress.	Est'd dat of Completi
AC/65/10.A		Civita Castellana	Repairs to bridge over R. Imella at km.63.5	Single span 40.0m. to be lifted and repaired.	-	-
AC/65/11.A		Civita Castellana.	Repairs to bridge over R. Tiber at Km.65.9		-	-
AC/65/I2.A		Gallese Teverina	Track and minro repairs second track Civita Castellana to Gallese Teverina.	4 kms of track repairs.	~~10%~~	28.2.42
AC/65/13.A		Orte	Track and minro repairs second track Gallese to Orte.	9 kms.of track repairs.	~~10%~~	28.2.45

Track repairs have not been shewn in detail as figures are not
this report. They will be detailed for future reports.
Total Track to be repaired 13000 mts = 21%

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Declassified E.O. 12356 Section 3.3/NND No. 785021

AILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

State of Works as at 1st January 1945
(Continued)

Description.	Size.	Progress.	Est'd date of Completion	Remarks.
Repairs to bridge over R. Imella at km.63.5	Single span 40.0m. to be lifted and repaired.	-	-	No work on this bridge yet contemplated.
Repairs to bridge over R. Tiber at Km.65.9		-	-	No work on this bridge yet contemplated.
Track and minro repairs second track Civita Castellana to Gallese Teverina.	4 kms of track repairs.	~~10%~~	28.2.42.	
Track and minro repairs second track Gallese to Orte.	9 kms.of track repairs.	~~10%~~	28.2.45.	

not been shown in detail as figures are not available for all but will be detailed for future reports
Period 1500 mts repaired 3,100 mts = 21%

AHS/ef 17.

TRANSPORTATION SUB-COMMISSION, A.C.,
(RAIL DIVISION)
C/o. Transportation Increment,
C.M.F.

Tel : 843033 2nd February 1945
Our reference:AC/Tn/15/17/C.E.

TO : The Chief
Rail Section
AC Tn Sub-Comm.

SUBJECT : Monthly report.

1. Herewith in triplicate monthly report covering following works:

a) Rome-Avezzano, Line 88, Reconstruction.
b) Rome-Orte, Line 65, Doubling of Line.
c) Rome-Viterbo,Line 257.Reconstruction.
d) Civitavecchia,Line 50.Construction of new siding
e) Piombino-Campiglia,Line 229.Reconstruction.
f) Vado-Rosignano.Line 50.Reconstruction.
g) Petrace Bridge, Line 92.
h) Varios odd works.

2. No report has been prepared for the Pisa-Empoli Florence line,as it is probable that there will be changes Contracts have been let covering the whole work.

3. Arezzo-Florence. Tenders have been called for this work but the contract has not yet been let.

4. No reports submitted for :

a) Ancona-Ortona Line 86.
b) Avellino-Benevento Line 281.
c) Terni-Rieti Line 277
d) Termoli-Campobasso Line 279.

These lines are under the control of Major Cole and no reports have been received.

A.H. Street

Declassified E.O. 12356 Section 3.3/NND No. 782021

Tel : 843239 2nd February 1945
Our reference:AC/Tn/15/17/C.E.

TO : The Chief
Rail Section
AC Tn Sub-Comm.

SUBJECT : Monthly report.

1. Herewith in triplicate monthly report covering following works:

a) Rome-Avezzano, Line 88, Reconstruction.
b) Rome-Orte, Line 65, Doubling of Line.
c) Rome-Viterbo,Line 257.Reconstruction.
d) Civitavecchia,Line 50.Construction of new siding
e) Piombino-Campiglia,Line 229.Reconstruction.
f) Vado-Rosignano.Line 50.Reconstruction.
g) Retrace Bridge, Line 92.
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A.H. Street
Lieut
Tn-Sub.Comm.A.C.

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Declassified E.O. 12356 Section 3.3/NND No. 789021

AHS/ef 15.

TRANSPORTATION SUB-COMMISSION, A.C.
(RAIL SECTION)
C/o. Transportation Increment,
C.M.F.

Tel/
Our reference: A.C./TN/15/15

8th January 1945

TO : Eng.Lo Cigno
Chief of Works Section
SUBJECT : Monthly Report.

1. The weekly reports received today show a lamentable lack of enterprise in pushing on with the work of rehabilitation and steps must be taken to ensure that the work proceeds with more speed.

2. Civitavecchia Port.
This work is shown as 98% completed, but no start has yet been made in laying in the crossing siding. Hence the report gives a wrong impression of the work carried out.
Due to change of plans the laying of this siding can be left in abeyance.

3. Campiglia-Piombino.
No start has been made yet on this work although it was authorized on 29th November, a delay of over one month in commencing the work.

4. Vado-Rosignano.
No progress is shown on this work.

5. Rome-Avezzano.
No progress whatever has been made on this work and the 2nd and 3rd Sections have not been started.

6. Please take immediate steps to ensure that these works are pushed to a conclusion as soon as possible.

A.H.STREET,
O.H Lindberg
Lt Colonel R.E.
Chief Rail Division
To Sub-Comm A.C.

Declassified E.O. 12356 Section 3.3/NND No. 782021

Tel/
Our reference: A.C./TN/13/15

8th January 1945

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Chief of Works Section
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A.H.STREET,
O.H Lindberg
Lt Colonel R.E.
Chief Rail Division
To. Sub-Comm A.C

Declassified E.O. 12356 Section 3.3/NND No. 785021

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Declassified E.O. 12356 Section 3.3/NND No. 785021

ROME - AVEZZANO RECONSTRUCTION
DATE OF REPORT

ESTIMATED DATE

N°	Kilom.	Description	Condition of work	%	
1	28+790	Arch of 6.00 Mts.	Completed 19.11.44	100	
2	27+140	Viaduct 10 Arches of 10.00 Mts.	Completed 19.11.44	100	
3	64+317	3 Arches of 10 Mts	Clearing and demolition completed Rebuilding of the piers in hand	25	
4	65+930	Pietraliscia tunnel	Clearing of rubbish completed	20	Masc lack due
5	66+365	4 Arches of 9.00 Mts.	Demolition of abutment and retaining wall in hand	23	
6	72+921	Viaduct 3 arches of 10 Mts.	Reconstruction of 3 arches completed	70	
7	75+012	Steel bridge 15.50 Mts	Demolition of abutment completed	10	
8	75+521	Viaduct 6 arches of 8.00 Mts.	Finished the removal of debris. Abutment Rome side rebuilt. Reconstruction of arches in hand	38	
9	77+298	Viaduct 4 arches of 10.00 Mts.	Removal of debris finished, demolition of 2 piers completed & of 3rd in hand	18	Wor of
10	78+860	Viaduct 8 arches of 10.00 Mts.	Work not started due to unexploded mines. Arrangements made with Ministry of War for removal		
11	81+587	Montebove tunnel			
12	88+051	Arch of 3 Mts.			
13	89+917	Steel bridge 5.00 Mts.	Work will be put in hand 2nd. January		
14	93+040	Arch of 8.00 Mts.			
15	97+376	Arch of 3.00 Mts.			

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Unclassified E.O. 12356 Section 3.3/NND No. 785021

ON
ORT

LINE N° 86
ESTIMATED DATE OF COMPLETION 31.3.45

	Condition of work	%	Remarks
	Completed I3.11.44	100	
	Completed I9.11.44	100	
ts	Clearing and demolition completed		
	Rebuilding of the piers in hand	25	
el	Clearing of rubbish completed	20	Masonry not started due lack of lime and pozzolana and due to shortage of transport
Mts.	Demolition of abutment and retaining wall in hand	23	
of			
	Reconstruction of 3 arches completed	70	
50 Mts	Demolition of abutment completed	10	
of			
	Finished the removal of debris. Abutment Rome side rebuilt.Reconstruction of arches in hand	38	
of			
	Removal of debris finished, demolition of 2 piers completed & of 3rd in hand	18	Work delayed due to flooding of river.
of			
	Work not started due to unexploded mines. Arrangements made with Ministry of War for removal		
0 Mts.	Work will be put in hand 2nd. January		

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Declassified E.O. 12356 Section 3.3/NND No. 785021

ROME -AVEZZANO RECONSTRUCTION
DATE OF REPORT

ESTIMATED DATE

Nº	Kilom.	Description	Condition of work	%	
16	98+729	Arch of 3.00 Mts.			
17	98+885	Arch of 2.00 Mts.			
18	99+009	Arch of 2.00 Mts.			
19	99+149	Arch of 2.00 Mts.			
20	99+432	Arch of 2.00 Mts.			
21	99+537	Culvert I.00 Mts.			
22	99+607	Culvert I.00 Mts.			
23	99+658	Steel bridge IO.00 Mts.	Work will be put in hand 2nd		
24	99+852	Arch of 2.00 Mts.			
25	I00+112	Arch of 2.00 Mts.			
26	100+278	Arch of 2.00 Mts.			
27	100+436	Arch of 2.00 Mts.			
28	I00+605	Arch of 2.00 Mts.			
29	100+793	Steel bridge IO.00 Mts			
30	101+153	Arch of 3.00 Mts.			
31	101+331	Arch of 3.00 Mts.			
32	105+806	Arch of 2.00 Mts.			
33	I06+506	Arch of 2.50 Mts.			

Monthly Report Bridge Wagtburn

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LINE Nº 86
ESTIMATED DATE OF COMPLETION 31.3.45

	Condition of work	%	Remarks
0 Mts.	Work will be put in hand 2nd		
0 Mts			

to Report Brig Hughes

0243

Declassified E.O. 12356 Section 3.3/NND No. 785021

ROME - ORTE RECONSTRUCTION
DATE OF REPORT Jan. Ist 45

DOUBLING OF LINE N°
ESTIMATED DATE OF COMPLET

N°	Kilom.	Description	Present condition of work	%
1	23.422	4.00 Brick culvert		
2	32+010	5.00 Mt Brick culvert		
3	34+342	8.00 Mt . Brick culvert	Contract has been let & work will commence on Jan. 2nd. 45.	
4	35+585	I.00 Mt Brick culvert		
5	37+571	I.00 Mt Brick culvert		
6	38+906	4.00 Mt Brick culvert		
7	44.540	12 Brick arches of 5.50 Mts, 3 damaged	The arch under one track is completed, the track will be thrown over this arch on 3rd January and the other half of arch completed.	5 0
8	49+753	One arch of 6.00 Mts.	Contract has been let, work will be started on the 3rd. January	
9	63+446	Steel Bridge 40 Mts.	These bridges will not be repaired for the time being.	
10	65+879	Steel Bridge 57 Mts.		
11		Track repairs	There are in all I5000 metres of track damaged or destroyed, 7400 metres of new track will be required, 1500 metres of track have been completed.	10

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Monthly Report
Brid: Wagons

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Declassified E.O. 12356 Section 3.3/NND No. 785021

TION
PORT Jan. Ist 45

DOUBLING OF LINE N° 65
ESTIMATED DATE OF COMPLETION FEB.28th.

n	Present condition of work	%	Remarks
t. lvert lvert vert vert lvert f 5.50 lts. ts. lts.	Contract has been let & work will commence on Jan. 2nd. 45. The arch under one track is completed, the track will be thrown over this arch on 3rd January and the other half of arch completed. Contract has been let, work will be started on the 3rd. January These bridges will not be repaired for the time being. There are in all 15000 metres of track damaged or destroyed, 7400 metres of new track will be required, 1500 metres of track have been completed.	5 0 10	

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Declassified E.O. 12356 Section 3.3/NND No. 785021

PIOMBINO - CAMPIGLIA RECONSTRUCTION
DATE OF REPORT 1st. JAN. 45

ESTIMATED CO

Nº	Kilom.	Description	Present condition of work	%
1	0+620	2.00 Culvert	Contract let & work will be started on 2nd. January.	
2	2+800	4.00 Culvert		
3	3+350	4.00 Culvert		
4	6+300	4.00 Culvert		
5	6+650	3.00 Culvert		
6	11+250	2 arches of 12 metres		

Monthly Report
Bridge Wagboard.

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27

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Declassified E.O. 12356 Section 3.3/NND No. 785021

CONSTRUCTION
TE OF REPORT 1st. JAN. 45

LINE 229
ESTIMATED COMPLETION DATE FEB.20th.

	Present condition of work	%	Remarks
metres	Contract let & work will be started on 2nd. January. Monthly Report Borg Warburt.		

0247

Declassified E.O. 12356 Section 3.3/NND No. 785021

MISCELLANEOS REPAIRS
DATE OF REPORT 1st. Jan. 45

ESTIMATED DATE OF COMPLE

	No	Kilom.	Line No	Description	Work carried out since last report		Re
I		92		Petrace bridge	One of the two arches on the Reggio side has been completed and the other is well in hand As it has been found that the steel work of the damaged spans is twisted, it has been decided to utilize two new spans now lying at Arezzo. Arrangements have been made for the transfer of these girders to the site.	75	
2	63	522	257	Rome-Viterbo line Viaduct 9 arches of 4 metres over Vallone Cecchiano	Estimated date of completion Feb.28 The excavation for the foundations of the damaged pier completed and brickwork started.		
3			50	Civitavecchia Port New siding to Molo Traiano.	Completion date Jan.15th.The trackwork completed, only a little ballasting remains to be done The construction of the temporary warehouse is suspended at the request of A.C. In Shipping.	98	

Monthly Report
Bridges & Barr

CAB
[illegible]
[illegible]
[illegible]

0248

Declassified E.O. 12356 Section 3.3/NND No. 785021

EPORT 1st. Jan. 45 ESTIMATED DATE OF COMPLETION MARCH 30th.

escription	Work carried out since last report		Remarks
ce bridge	One of the two arches on the Reggio side has been completed and the other is well in hand	75	
	As it has been found that the steel work of the damaged spans is twisted, it has been decided to utilize two new spans now lying at Arezzo. Arrangements have been made for the transfer of these girders to the site.		
Viterbo line ct 9 arches of res over Vallone lano	Estimated date of completion Feb.28 The excavation for the foundations of the damaged pier completed and brickwork started.		
avecchia Port iding to Molo no.	Completion date Jan.15th. The trackwork completed, only a little ballasting remains to be done	98	
	The construction of the temporary warehouse is suspended at the request of A.C. In Shipping.		

Monthly Report
Bridges & Sheers

CS
(3)
(5)
(7)

AHS/em

13.

TRANSPORTATION SUB-COMMISSION, A.C.,
(RAIL SECTION)
C/o. Transportation Increment,
C.M.F.

Tel./ 848239

January 2nd 1944

REF.:

TO : Chief Rail Section

SUBJECT: Monthly Report December 1944.

1. Following is list of work in hand and projected :

a)- GIUNCARICO - Private line to Ribollo mines. Work is being carried out by owners "Montecatini".

b)- LINE 65
ARREZZO - FLORENCE

Estimate completed lire 470.000.000, estimated time 12 months, removed from Military Priority due to length of time. Awaiting instructions.

c)- LINE 220
CHIUSI - FLORENCE

Total estimate from Chiusi to Empoli now completed, cost 167.250.000 lire estimated time 4½ months, awaiting istructions.

d)- SAGITTARIO POWER PLANT
Supervision of work transferred to Public Works Sub-Commission as per A.F.H.Q. adm. memo Nº 43.

e)- LINE 50
VADO- ROSIGNANO
Work in hand, 15% of work on Fine river bridge completed.

f)- CAGLIARI Workshops.
No report received.

3005

g)- LINE 229
PIOMBINO - CAMPIGLIA
Material on hand, work to be started 2nd January.

h)- PISA - EMPOLI - FLORENCE
Estimated cost 126.000.000 lire, estimated time 4 months, tenders will be opened and contract awarded 8th January.

j)- CIVITAVECCHIA
Siding 95% completed, erection of warehouse cancelled at

Declassified E.O. 12356 Section 3.3/NND No. 782021

REF.:

TO : Chief Rail Section

SUBJECT: Monthly Report December 1944.

1. Following is list of work in hand and projected :

a)- GIUNCARICO - Private line to Ribollo mines. Work ~~is~~ being carried out by owners "Montecatini".

b)- LINE 65
AREZZO - FLORENCE
Estimate completed lire 470.000.000, estimated time 12 months, removed from Military Priority due to length of time. Awaiting instructions.

c)- LINE 220
CHIUSI - FLORENCE
Total estimate from Chiusi to Empoli now completed, cost 167.250.000 lire estimated time 4½ months, awaiting istructions.

d)- SAGITTARIO POWER PLANT
Supervision of work transferred to Public Works Sub-Commission as per A.F.H.Q. adm. memo Nº 43.

e)- LINE 50
VADO- ROSIGNANO
Work in hand, 15% of work on Fine river bridge completed.

f)- CAGLIARI Workshops.
No report received.

3035

g)- LINE 229
PIOMBINO - CAMPIGLIA
Material on hand, work to be started 2nd January.

h)- PISA - EMPOLI - FLORENCE
Estimated cost 126.000.000 lire, estimated time 4 months, tenders will be opened and contract awarded 8th January.

j)- CIVITAVECCHIA
Siding 95% completed, erection of warehouse cancelled at request of Shipping Sub-Commission.

k)- LINE 257
ROME - VITERBO
Work 20% completed.

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Declassified E.O. 12356 Section 3.3/NND No. 782021

l)- ROME - AVEZZANO
1st Section to kilometre 78 about 40% completed.
Work on last two sections to be started 2nd January.

m)- TERMOLI CAMPOBASSO
96% completed.

LINE 63 ROME-ORTE.

n)- Doubling of line
Work of Military Priority handed over to A.C. 10% of masonry for bridges completed.
Track work 10% completed.
Steel bridges at kilometres 63.446 and 65.879 will not be repaired for time being.

LINE 92

o)- PETRACE BRIDGE
Brick arches 75% completed.
It has now been decided not to reutilize the old spans which have been found to be twisted, but to use two new spans found at Arezzo. The work of dismantling the spans for shipment is in hand.

p)- Washout between Nova Siri and ~~Tursi~~ Tursi.
Responsibility for these repairs was assumed by D.M.R.S. and an engineer sent to the site. Two of the four interruptions completed. About 20% of total 275 men and two bulldozers employed. It is hoped to resume traffic 10-15 January.

A.H. STREET, Major,
In. Sub-Comm., A.C.

3004

Declassified E.O. 12356 Section 3.3/NND No. 782021

0252

Declassified E.O. 12356 Section 3.3/NND No. 7850211

MISCELLANEOS REPAIRS
DATE OF REPORT

N°	Kilom.	Line N°	Description	Work carried out since last report	%	Rem
1		92	Petrace Bridge	Brickwork for arches Reggio side well in hand. It has been decided to use new spans from Arezzo instead of repairing existing spans.	75	
2		50	Vado - Rosignano	Brickwork well in hand on abutment of Fine river bridge.	15	
3		50	Siding Civitavecchia	Siding practically completed. Erection of warehouse suspended at request of AC.Tn. Shipping	98	
4		279	Termoli - Campobasso	Work practically complete.	96	
5		257	Rome - Viterbo	Viaduct 65+552 well in hand.	20	
6		95	Washout Nova-Siri	275 men working. Expect to resume traffic 10-15 January.	20	

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IRS
E OF REPORT

ne	Description	Work carried out since last report	%	Remarks
2	Petrace Bridge	Brickwork for arches Reggio side well in hand. It has been decided to use new spans from Arezzo instead of repairing existing spans.	75	
0	Vado - Rosignano	Brickwork well in hand on abutment of Fine river bridge.	15	
0	Siding Civitavecchia	Siding practically completed. Erection of warehouse suspended at request of AC.Tn. Shipping	98	
9	Termoli - Campobasso	Work practically complete.	96	
7	Rome - Viterbo	Viaduct 65+552 well in hand.	20	
5	Washout Nova-Siri	275 men working. Expect to resume traffic 10-15 January.	20	

0254

Declassified E.O. 12356 Section 3.3/NND No. 785021

HOLE - ORDO
DATE OF P[illegible]

[illegible] OF LINE. [illegible] TO CO
ESTIMATED DATE COMPLETION FEB. 1931.

No.	Kilos.	Description	Work carried out since last report	Cost
1	23.422	4.00 Brick culvert	Contract let. Work will be started 3rd January.	
2	32.010	5.00 Brick culvert		
3	34.332	8.00 Brick culvert		
4	35.535	3.00 Brick culvert		
5	37.571	2.00 Brick culvert		
6.	38.906	4.00 Brick culvert	Work under one track completed.	50
7	44.540	12 Brick arches of 3.00 metres, 1 damaged		
8	49.753	One arch of 6.00 metres	Work to be started 3rd January.	
9	63.140	Steel Bridge 40 Mts		
10	65.879	Steel Bridge 57 Mts		
11		Renewal of track	1500 mts. renewed.	10

0255

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DURING OF LET LINE UP OF
ESTIMATED DATE COMPLETION 15.2.43.

Description	Work carried out during last month	%
00 Brick culvert 00 Brick culvert 00 Brick culvert 00 Brick culvert 00 Brick culvert Brick arches of 2 Holes & Damaged arch of 6.00 Metres ach Bridge 43 Mts Bridge 57 Mts	Contract let. Work will be started 3rd January.	
	Work under one track completed.	50
	Work to be started 3rd January.	
enewal of track	1500 mts. renewed.	10

0256

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ROME - AVEZZANO RECONSTRUCTION

ROUTE
COMPLE

N°	Kilom.	Description	Work carried out since last report
1	28.790	Arch of 6.00 Mts.	Finished 19.11.44
2	37.140	Viaduct 10 arches of 10.00 Mts.	Finished 19.11.44
3	64.317	3 Arches of 10.00 Mts.	Damaged pier being rebuilt
4	65.930	Pietralisca tunnel	Clearing of debris finished.Masonry starte
5	66.365	4 arches of 9.00 Mts.	Removal of debris & damaged portion in han
6	72.921	Viaduct 3 arches of 10.00 Mts.	Reconstruction of 3 arches completed
7	75.012	Steel bridge 15.50 Mts.	Demolition of damaged abutment completed
8	75.521	Viaduct 6 arhces of 6.00 Mts.	Reconstruction of arches in hand
9	77.298	Viaduct 4 arches of 10.00 Mts.	Demolition of damaged pier almost complet
10	78.860	Viaduct 8 arches of 10.00 Mts.	Work not started
11	81.587	Montebove tunnel	
12	88.051	Arch of 3.00 Mts.	
13	89.917	Steel bridge 5.00 Mts.	
14	93.049	Arch of 8.00 Mts.	
15	97.376	Arch of 3.00 Mts.	
16	98.729	Arch of 3.00 Mts.	
17	98.885	Arch of 2.00 Mts.	
18	99.009	Arch of 2.00 Mts.	
19	99.149	Arch of 2.00 Mts.	
20	99.432	Arch of 2.00 Mts.	
21	99.537	Culvert 1.00 Mts.	Work to be started 2nd January.
22	99.607	Culvert 1.00 Mts.	
23	99.658	Steel bridge 10.00 Mts.	
24	99.852	Arch of 2.00 Mts.	
25	100.112	Arch of 2.00 Mts.	
26	100.278	Arch of 2.00 Mts.	
27	100.436	Arch of 2.00 Mts.	
28	100.605	Arch of 2.00 Mts.	
29	100.793	Steel bridge 10.00 Mts.	
30	101.153	Arch of 3.00 Mts.	
31	101.331	Arch of 3.00 Mts.	
32	105.806	Arch of 2.00 Mts.	
33	106.506	Arch of 2.50 Mts.	

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RECONSTRUCTION

ROUTE N° 38
COMPLETION DATE .....

Description	Work carried out since last report	%	Remarks
f 6.00 Mts.	Finished 19.11.44	100	
10 arches of 10.00 Mts.	Finished 19.11.44	100	
es of 10.00 Mts.	Damaged pier being rebuilt	25	
Lisca tunnel	Clearing of debris finished.Masonry started	20	Work delayed due to
es of 9.00 Mts.	Removal of debris & damaged portion in hand	23	shortage of lime.
3 arches of 10.00 Mts.	Reconstruction of 3 arches completed	70	
ridge 15.50 Mts.	Demolition of damaged abutment completed	10	
6 arhces of 8.00 Mts.	Reconstruction of arches in hand	38	
4 arches of 10.00 Mts.	Demolition of damaged pier almost complete	18	Work delayed by flood
8 arches of 10.00 Mts.	Work not started	—	Unexploded mines
ve tunnel			
f 3.00 Mts.			
ridge 5.00 Mts.			
f 3.00 Mts.			
3.00 Mts.			
f 3.00 Mts.			
f 2.00 Mts.			
f 2.00 Mts.			
2.00 Mts.			
f 2.00 Mts.			
I.00 Mts.	Work to be started 2nd January.		
I.00 Mts.			
ridge 10.00 Mts.			
f 2.00 Mts.			
f 2.00 Mts.			
f 2.00 Mts.			
f 2.00 Mts.			
2.00 Mts.			
ridge 10.00 Mts.			
f 3.00 Mts.			
f 3.00 Mts.			
2.00 Mts.			
f 2.50 Mts.			

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HEADQUARTERS ALLIED COMMISSION
APO 394
TRANSPORTATION SUB -COMMISSION
RAILS

REF. :

30th November 1944

TO : Chief Railway Section
Transportation Sub Commission
Railways

SUBJECT : Engineering Report
month of November.

1. The following is list of work in hand and prospected as at the 30th Nov.

a. CHIUSDINO

Rebuilding of Railway bridge leading to Ribolla mines in hand. All material on site. Work being carried out by owners of line "Montecatini".

b. ROUTE 55

AREZZO-FIORENCE

Preparation of estimate for repair of this line well in hand. Estimated cost approx. 111.000.000 lire. Time six months

c. ROUTE 220

CHIUSI-FIORENCE

An estimate for the section Chiusi-Sinalunga of the above line has been prepared but permission to put the work in hand refused by Priorities Movements Division. Estimated cost 32.000.000 lire, time three months.

d. SAGITTARIO POSTAL STATION

An estimate for the repair of the above has been prepared and submitted to the Electrical Reconstruction Committee for approval. Estimated cost 30.000.000 lire. time 6 months.

e. ROUTE 50

VADO-MOSIGNANO

Repair of above section of railway in hand to give access to Solvay Plant. Estimated cost 2.000.000 lire . Work should be completed Dec. 20th.

f. CHIUSI STATION

Points and crossings for connections to the sidings have been put in, by orders from the Commerce Subsection Region VIII, directed to L.S.E. without consultation of this Subcommission. No record available as to cost.

g. CAGLIARI

Repair of railway shops at Cagliari authorized cost

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a. GRUNGARICO

Rebuilding of Railway bridge leading to Ribolla mines in hand. All material on site. Work being carried out by owners of line "Montecatini".

b. ROUTE 55

ARezzo-FLORENCE

Preparation of estimate for repair of this line well in hand. Estimated cost approx. 111.000.000 lire. Time six month

c. ROUTE 220

CHIUSI-FLORENCE

An estimate for the section Chiusi-Sinalunga of the above line has been prepared but permission to put the work in hand refused by Priorities Movements Division. Estimated cost 32.000.000 lire, time three months.

d. SAGITTARIO POWER STATION

An estimate for the repair of the above has been prepared and submitted to the Electrical Reconstruction Committe for approval. Estimated cost 30.000.000 lire, time 6 months.

e. ROUTE 50

YADO-LOSIGNANO

Repair of above section of railway in hand to give access to Solvay Plant. Estimated cost 2.000.000 lire . Work should be completed Dec. 20th.

f. CHIUSI STATION

Points and crossings for connections to the sidings have been put in, by orders from the Commerce Subsection Region VIII, directed to I.S.R. without consultation of this Subcommission. No record available as to cost.

g. CAGLIARI

Repair of railway shops at Cagliari authorized cost 2.300.000 lire.

h. ROUTE 220

PIOMBINO-CAMPIGLIA

The repair of this line has been authorized at a cost of 9.400.000 lire. No steelwork required.

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i. Emfo ROUTE 219 ✓

PISA-[redacted]-FIRENZE

Preparation of estimate in hand.

j. CIVITAVECCHIA

Constructing siding to Berth Nº 4. Work commenced, about 60% completed. Held in obeyance for removal of unemployed mines. Mine disposal in hand.

l. LINE 257

ROME-VITERBO

Reconstruction approved. Contract let. Work to commence on first week Dec.

m. LINE 88 ✓

ROME-AVEZZANO

Reconstruction approved and work commenced. Line has been opened for traffic Rome-Mandela. Work on remainder in hand. Mines are holding up work on two viaducts. Mine clearance requested.

n. LINE 279 ✓

TERMOLI-CAMPOBASSO

Work well in hand, 95% completed. Work on Biferno bridge is to be finished 1st week in January when line can be opened.

o. LINE 86 ✓

ORTONA-ANCONA

Contract let for 1st section Ortona-Pescara. Work to commence 1st Dec. and be completed 31st March.
Second section Pescara-Giulianova out to tender. Tenders to be submitted 6th Dec.
Third and fourth sections, Giulianova to Ancona. Drawings complete Tenders will be called for in next few days.

p. LINE 277 ✓

TERNI-RIETI

Section of line reported upon with recommendation for repair. No authority as yet to proceed with work.

q. LINE 281 ✓

AVELLINO-BENEVENTO

Section of line reported with recommendations for repairs No authority to proceed with work. 2999

r. LINE 284 ✓

AVELLINO-ROCCHETTA

Section of line reported upon with recommendations as to reconstruction. No authority to carry out work.

s. PETRACA BRIDGE

Work in hand. Reconstruction of brickwork of the two demolished arches well advanced. Timber piling for temporary steel

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opened for traffic Roma-Mandela. Work on remainder in hand. [illegible] ers holding up work on two viaducts. Mine clearance requested.

n. LINE 279

TERMOLI-CAMPOBASSO

Work well in hand, 95% completed. Work on Biferno bridge is to be finished 1st week in January when line can be opened.

o. LINE 86

ORTONA-ANCONA

Contract let for 1st section Ortona-Pescara. Work to commence 1st Dec. and be completed 31st March.
Second section Pescara-Giulianova out to tender. Tenders to be submitted 6th Dec.
Third and fourth sections, Giulianova to Ancona. Drawings complete Tenders will be called for in next few days.

p. LINE 277

TERMI-RIETI

Section of line reported upon with recommendation for repair. No authority as yet to proceed with work.

q. LINE 281

AVELLINO-BENEVENTO

Section of line reported with recommendations for repairs No authority to proceed with work.

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r. LINE 294

AVELLINO-ROCCHETTA

Section of line reported upon with recommendations as to reconstruction. No authority to carry out work.

s. PETRACE BRIDGE

Work in hand. Reconstruction of brickwork of the two demolished archs well advanced. Timber piling for temporary steel towers 10% completed.

2. During the month very bad weather has been experienced a the following damage suffered to the lines of the I.S.R. under A.C. Tn. supervision on 29th Nov.

TYRRHENIAN LINE ROUTE 92

a. Between Copora and Nocera a bridge collapsed due to flo

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b. Between S.Eufemia - S.Pietro bridge piling washed away. Repairs effected

c. Between Palerna - S.Eufemia bridge entirely destroyed. Repairs expected to take four days.

LINE S.EUFEMIA - CATANZARO

ROUTE 304

Locomotive derailed and overturned. Expected to have traffic resumed by 1st Dec.

JONICA LINE

ROUTE 96

a. Between Torre Corchiara and Trebisacce track washed away Repairs expected to take 6 days.

b. Nova Siri - Tursi various interruptions . Bridge over torrente Sinno possibly damaged . Length of time for repairs not yet available. Repair work being hastened.

Traffic for the month must use route Reggio-Sibari-Cosenza-Paola-Battipaglia.

A.H. STREET, Major,
Transportation Sub Commission,
Rails.

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0263

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RAILWAY RECONSTRUCTION DIRECTORATE WORKS GROUP

State of works as at 2nd July 19

Line Benevento-Avellino.

Job No	Agency	Location	Description	Size	Progress	Est. Comp.
AC/279/1	Lauro	Km.4+623	Viaduct 3 arches, 14.30 m each.	Reconstruction of 3 arches	10%	5.1
AC/279/2	Galzenati	Km.14 + 887	Viaduct 12 arches, 11 of 8 mts. & one of 14 metres.	Reconstruction 5 arches and 4 piers.	2%	4.1
AC/279/3	Galzenati	Km.23+396	Bridge, 2 arches, 7.50 mts each.	Reconstruction	3%	5.1
AC/279/4	Galzenati	Km.23+749	15 mt span bridge with steel girder	Construction 2 span bridge in brick work, in substitution of girder.	2%	5.
AC/279/5	Galzenati	Km.10+639	Bridge, 37.50 mt steel span	Girder to be substituted by brick work.		5
AC/279/6	Galzenati	Km.13+029	Bridge, 3 span, 30 m each steel girder.	Girder to be substituted by brick work.		5.
AC/279/7	Galzenati	Km.16+935	Steel girder bridge, 30 mts.	Girder to be substituted by brick work.		5
AC/279/8	Galzenati	Km.19+273	Steel girder bridge, 3 spans each of 18.70 metres.	Fix in girders.	20%	
AC/279/9	Galzenati	Km.19+964	Steel girder bridge, 4 mts span.	Fiw in girders.	5%	

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0264

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RAILWAY RECONSTRUCTION DEPARTMENT CONTROL OF CIVIL POWER M.G.

State of works as at 2nd July 1945

dno.

m	Description	Size	Progress	Est. date complet.	Remarks
	Viaduct 3 arches, 14.30 m each.	Reconstruction of 3 arches	10%	5.10.45	Removal of material started. Bricks supplied
87	Viaduct 12 arches, 11 of 8 mts. & one of 14 metres.	Reconstruction 9 arches and 4 piers .	2%	4.11.45	Supply of material in hand.
	Bridge, 2 arches, 7.50 mts each.	Reconstruction	3%	5.10.45	Supply of material in hand.
	15 mt span bridge with steel girder	Construction 2 span bridge in brick work, in substitution of girder.	2%	5.10.45	Supply of material in hand.
	Bridge, 37.50 mt steel span	Girder to be substituted by brick work.		5.1.46	
	Bridge, 3 span, 30 m each steel girder.	Girder to be substituted by brick work.		5.1.46	Contract awarded on the 20.6.45
	Steel girder bridge,30 mts.	Girder to be substituted by brick work.		5.1.46	" " " "
	Steel girder bridge,3 spans each of 18.70 metres.	Fix in girders.	20%		Started with lifting of girder.Clearing of damage brick works in hand,as well as supply of cement
4	Steel girder bridge,4 mts span.	Fiw in girders.	5%		

0265

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Railway Construction Contract Work under Control of Allied Commiss

Line 50 Genoa - La Spezia.

State of Works as

Job N°	Agency	Location	Description	Size	Progress	Est'd da of compl
AC/50/1G	Contractor SIRCE	Bogliasco	Viaduct.	8 arches 18 m 5 arches 6,5 m piles	Removal of debr 35%	30/9
AC/50/2G	COEDIL	Sori	Viaduct.	8 arches 13,5 M 2 arches 8 m piles	Removal of debr 35%	30/9
AC/50/3G	Flli Lussano and Firm Lodigiani	Recco	Viaduct. Recostruction of the viaduct.	9 arches 13,5m 1 arch 32 m piles	Removal of debr 2%	20/8
AC/50/4G	Cionfrini Pompeo	San Michele	Viaduct. a) Removal of debris. b) reconstruction of viad.	5 arches 9 m piers	Removal of debri 80%	30/6 Not kn
AC/50/5G	SIRCE	Zoagli	Viaduct. a) Removal of debris. b) Reconstruction of viad.	6 arches 19 m 1 arch 25 m piers	Removal of debr 40%	15/ Not kn
AC/50/6G	not yet contracted.	Entella (Chiavari - lavagna)	Bridge	Spans of 22, 26, 26-22 m		
AC/50/7G	Flli Carletti & Tartarini.	Bisagno (betw. Moneglia & Deiva)	Viaduct.	8 arches 10 M 1 pile	Removal of de 15%	15/ Not kn
AC/50/8G	Railway Road-Men	Bonassola Levanto.	Small bridge	Span 2,50 m	100%	

0266

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Railway Construction Contract Work under Control of Allied Commission.

...oa - La Spezia. State of Works as at 26th June 1945.

...tion	Description	Size	Progress	Est'd date of complet	Remarks.
...asco	Viaduct.	8 arches 18 m 5 arches 6,5 m piles	Removal of debris 35%	of debris 30/9	In order to has sten works, two turns are arranged.
...ri	Viaduct.	8 arches 13,5 M 2 arches 8 m piles	Removal of debris 35%	of debris 30/9	All material now being supplied.
...co	Viaduct. Recostruction of the viaduct.	9 arches 13,5m 1 arch 32 m piles	Removal of debris 2%	of debris 20/8	Removal of debris. Work will begin on 1 15th July.
...chele	Viaduct. a) Removal of debris. b) reconstruction of viad.	5 arches 9 m piers	Removal of debris 80%	of debris 30/6 Not known	a) 3 turns of work. b) piers must be demolished.
...li	Viaduct. a) Removal of debris. b) Reconstruction of viad.	5 arches 19 m 1 arch 25 m piers	Removal of debris 40%	of debris 15/7 Not known	a) 2 turns of work. b) Negotiations are still in course.
...a ...ri - ...a)	Bridge	Spans of 22, 26, 26-22 m			Works not yet commenced.
...no ...onegli ...a)	Viaduct.	8 arches 10 M 1 pile	Removal of debris 15%	of debris 15/7 Not known	difficulties due to mines which have not yet been removed.
...ola ...o.	Small bridge	Span 2,50 m	100%		Completed.

0267

Declassified E.O. 12356 Section 3.3/NND No. 785021

Railway Consrtuction Contract Work under Control of Allied Commi

Line 50 Genoa - La Spezia. State of Works a

Job N°	Agency	Location	Description	Size	Progress	Est'd da of compl
AG/50/9G	ENG. NEGRI	Biassa	Tunnel	Span 5,60 m	100%	

0268

Declassified E.O. 12356 Section 3.3/NND No. 785021

Railway Consrtuction Contract Work under Control of Allied Commission.

...oa - La Spezia. State of Works as at 26th June 1945.

...on	Description	Size	Progress	Est'd date of complet.	Remarks.
...sa	Tunnel	Span 5,60 m	100%		Completed.

0269

Declassified E.O. 12356 Section 3.3/NND No. 785021

AHS/ef

HEADQUARTERS
ALLIED COMMISSION
Transportation Sub Commission
APO 394

REF/TN/R/I/6

PROGRESS REPORT. November 9th 1944

TO : DIRECTOR
TRANSPORTATION SUB COMMISSION
RAILWAYS.

1. Condition of tracks.

Severe damage has been suffered by all lines due to bad weather.

a) Work is in hand on repairs between Pisa-Lucca Prato - Florence and from Florence to Bologna as far as Appennine tunnel on route 65.

b) Permission has been requested and estimate submitted to open route 220 Chiusi-Sinalunga so as to enable roofing tiles to be shipped from Sinalunga, commencement of work is awaiting formal approval.

c) Instructions have been given for the repairs to route 50 between Vado and Rosignano to be carried out urgently so as to enable the Solvay Plant to be put into service.

d) A survey has been made and preparation of estimate for repair of route 65 from Arezzo to Giovanni Valdarno is in hand, this work is required to enable the lignite mines to recommence.

02095

2. Private Lines.

The reconstruction of the permanent bridge on the line Ribolla- Giuncarico is in hand, but work has

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02701

Declassified E.O. 12356 Section 3.3/NND No. 785021

been seriously delayed due to flooding.

Inspectionwork has been greatly handicapped due to most of the roads being impassable due to failure of temporary bridges.

A.H. STREET, Major
A.C. TN RAILS
CIVIL ENGINEER
NORTHERN DIVISION

HEADQUARTERS
ALLIED COMMISSION
Transportation Sub Commission
RAIL SECTION
Engineering IV Division

APO 394

10.

9th November 1944

TO LT.COL., LINDBERG

NOTES ON REPORT BY CAPT.BODY.

2.d. Leghorn - Prato.

The statement that repairs to the line will turn north at Prato is incorrect. Work is in hand between Florence and Prato.

It is also intended by I.S.R. to repair line from Chiusi to Empoli which will give connection to Florence from the South. Approval is awaited for Section Chiusi - Sinalunga.

3. The last paragraph is in error, there are only six Private Railways in the Florence Division, viz.,

Arezzo - Stia

Arezzo - Fossato

Arezzo - Sinalunga

Siena -Buonconvento - Monte Antico

Precchia - Mammiano

Pisa-Marina di Pisa-Calambrone

The Siena - Monte Antico line has been surveyed and reported on as being beyond repair for the time being.

Reports have been requested from the "Ispettorato Generale della Motorizzazione" Civile" on the remaining lines. These have not yet been received.

Para 4 Florence - see previous remarks .

Siena. - See remarks re Chiusi-Empoli line.

The above for information.

It is regretted, that Capt. Boddy did not contact the

Declassified E.O. 12356 Section 3.3/NND No. 782021

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Arezzo - Fossato

Arezzo - Sinalunga

Siena -Buonconvento - Monte Antico

Tracchia - Mammiano

Pisa-Marina di Pisa-Calambrone

The Siena - Monte Antico line has been surveyed and reported on as being beyond repair for the time being.

Reports have been requested from the "Ispettorato Generale della Motorizzazione" Civile" on the remaining lines. These have not yet been received.

Para 4 Florence - see previous remarks .

Siena. - See remarks re Chiusi-Empoli line. 2492

The above for information.

It is regretted, that Capt. Boddy did not contact the undersigned, before his tour of inspection, as was done by Capt. Cohen, as he could then have been instructed as to information required by the Engineering Division.

A.H. STREET, Major
Transportation Sub Comm.
Rails.

Declassified E.O. 12356 Section 3.3/NND No. 780021

0273

Declassified E.O. 12356 Section 3.3/NND No. 785021

AHS/ef

HEADQUARTERS
ALLIED COMMISSION
Transportation Sub Commission
APO 394

REF/TN/R/I/6

PROGRESS REPORT. November 9th 1944

TO : DIRECTOR
TRANSPORTATION SUB COMMISSION
RAILWAYS.

1. Condition of tracks.

Severe damage has been suffered by all lines due to bad weather.

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2991

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0 2 7 41

Declassified E.O. 12356 Section 3.3/NND No. 785021

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A.H. STREET, Major
A.C. TN RAILS
CIVIL ENGINEER
NORTHERN DIVISION

AHS/em

8

HEADQUARTERS
ALLIED CONTROL COMMISSION
Transportation Sub Commission
Rail Section
APO 394

REFERENCE : ACC.Tn/R/7/6 October 15th 1944

SUBJECT : Civitavecchia Port.

TO : Director
Transportation Sub Commission
Attention Lt.Col. Vining.

1. As instructed, I have inspected the above port and attach a plan shewing :
a) Existing state of sidings.
b) Work in hand by P.B.S. for unloading coal.
c) Work proposed for unloading civilian supplies.

2. There are at present in the port area three dead end sidings. It is proposed to lengthen these and join two at the North-end making a loop for loaded and empty wagons. A single track will then be continued over a wooden jetty being constructed outside the sunken steamer.
All the work is being carried out by P.B.S. and should be completed early in November.

3. As the number of wagons that can be accomodated alongside the coal berth will be limited, it will be essential for the speedy handling of the coal that some means of shunting is continually on hand.

4. Siding to berth for unloading ASC civilian supplies.
The siding which will be some 1000 metres long will have to be provided with a loop line for the storage of empty wagons. This siding should be capable of holding 35 wagons.
It is considered desirable that this siding should be of standard gauge to prevent double handling.

5. As it is possible that there may be two

2989

Declassified E.O. 12356 Section 3.3/NND No. 782021

Transportation Sub Commission
Attention Lt.Col. Vining.

1. As instructed, I have inspected the above port and attach a plan shewing :
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   b) Work in hand by P.B.S. for unloading coal.
   c) Work proposed for unloading civilian supplies.

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The siding which will be some 1000 metres long will have to be provided with a loop line for the storage of empty wagons. This siding should be capable of holding 35 wagons.
It is considered desirable that this siding should be of standard gauge to prevent double handling.

5. As it is possible that there may be two ships in Civitavecchia unloading at the same time with a consequent shortage of wagons, it is suggested that a temporary wharehouse be constructed alongside the berth as shewn on plan.
The construction of this store would enable unloading to be carried out continuosly and also provide a cushion to ensure an equal flow of traffic from the port.

A.S. STREET, Major
Civil Engineer,
ACC. Tptn. S.C.

2589

Declassified E.O. 12356 Section 3.3/NND No. 782021

AHS/em

HEADQUARTERS
ALLIED CONTROL COMMISSION
Transportation Sub Commission
Engineering Division (North)

REF : ACC.Tn/R/1/6 October 9th 1944

TO : Director
Transportation Sub Commission
ACC, Main Headquarters

SUBJECT : Progress Report.

1. Condition of tracks.

a) Route 50 Rome - Leghorn
open to Leghorn

b) Route 227 Veda - Pisa
Repairs in hand.

c) Route 219 Pisa - Florence
Repairs in hand

d) Route 65 Rome - Florence
No progress beyond Arezzo.

e) Route 87 Rome - Ancona
Open to Ancona.

f) Route 86 Ancona - Bologna
Open to Cattolica.

2988

2. Private Railways.
A detailed study of the Siena - Buonconvento - Monte Antico Railway was carried out and it was decided that the damage was too great considering the purely local interest of the railway, for repairs to be put in hand for the time being.

3. A request for the opening of the route 220 Chiusi - Siena has been received from the Director General Italian State Railways and a survey of the damage and an estimate of cost of repairs is being prepared.

Declassified E.O. 12356 Section 3.3/NND No. 782021

SUBJECT : Progress Report.

1. Condition of tracks.

a) Route 50 Rome - Leghorn
open to Leghorn

b) Route 227 Veda - Pisa
Repairs in hand.

c) Route 219 Pisa - Florence
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Open to Cattolica.

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A.H. STREET, Major
ACC. Tptn. S.C.
Civil Engineer,
Northern Division.

0278

Declassified E.O. 12356 Section 3.3/NND No. 780021

TRANSPORTATION SUBCOMMISSION A. C. C.

Engineering Division (North)

6.

Ref. TN/R/1/5

September 4 th, '44.-

TO DIRECTOR

TRANSPORTATION SUBCOMMISSION

A.C.C. MAIN HEADQUARTERS

SUBJECT: Progress Report

1. Condition of tracks

a) Route 50: Rome-Leghorn: open to Cecina

b) Route 65: Rome-Arezzo: open to Arezzo

c) Route 87: Orte-Ancona: open to Fabriano

2. Private Railways.

Branch line owned by Montecatini from Ribolla to Giuncarico.

Orders were received on 10 th August that this line was urgently required for the conveyance of lignite to Rome.

2987

On the 11 th August arrangements were made to divert the railway over the highway bridge with the Genio Civile at Grosseto and the Provincial highway engineer This bridge was not as badly destroyed as the railway bridge.

Work was immediately put in hand. Two shifts working continually on the bridge-a third on the deviation of the railway.

The work was sufficiently far advanced for traffic to

Declassified E.O. 12356 Section 3.3/NND No. 785021

A.C.C. MAIN HEADQUARTERS

SUBJECT: Progress Report

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1. Condition of tracks

a) Route 50: Rome-Leghorn: open to Cecina

b) Route 65: Rome-Arezzo: open to Arezzo

c) Route 87: Orte-Ancona: open to Fabriano

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Work was immediately put in hand. Two shifts working continually on the bridge-a third on the deviation of the railway.

The work was sufficiently far advanced for traffic to be restarted at noon on the 26 th August.

3. Railway Siena - Monte Antico.

Data is being accumulated re the above railway and a report will be submitted shortly.

Declassified E.O. 12356 Section 3.3/NND No. 785021

4. No further applications have been received for the opening ofeither State or Private lines in this division.

A. H. STREET Major
A.C.C. Transportation Subcommission
Civil Engineer
Northern Division

2986

Declassified E.O. 12356 Section 3.3/NND No. 785021

TRANSPORTATION SUBCOMMISSION A.C.C.
LIAISON OFFICER
703 RAILWAY GRAND DIVISION

Ref TN/R/I/4

Date 5 Aug.1944

TO DIRECTOR
TRANSPORTATION SUBCOMMISSION
ACC MAIN HEADQUARTERS

ATTENTION: L.Col. P.E. V i r i n g

Subject: Progress Report

I. Conditions of tracks.

a) Route 50 Rome - Civitavecchia - Leghorn.
This line is now opened as far as Grosseto and repairs are in hand as far as Cecina which place it is hoped to reach by the end of August.
b) Route 65 Rome - Orte - Arezzo.
Repairs should reach Arezzo by the 10th August.
c) Route 87 Orte - Foligno - Fabriano- Ancona.
Repairs are completed to Foligno, but no date has yet been given for further opening.

2985

2. Traffic.

a) Route 90 Naples - Caserta - Rome.
This line has been carrying 4800 net tons daily and will be increased to 5500 as from the 7th August.

b) Route 89 Naples - Formia.- Rome.
This line is handling 1500 tons net daily ex Naples and 200 net tons ex Anzio.

3. An inspection has been made and report submitted on the industrial line from Giuncarico to the lignite mine at Ripolla.

A.H.STREET Major
Liaision Officer ACC
Transportation Subcommissio

Declassified E.O. 12356 Section 3.3/NND No. 782021

TO DIRECTOR
TRANSPORTATION SUBCOMMISSION
ACC MAIN HEADQUARTERS

ATTENTION: L.Col. E.E. V i n i n g

Subject: Progress Report

I. Conditions of tracks.

a) Route 50 Rome - Civitavecchia - Leghorn.
This line is now opened as far as Grosseto and repairs are in hand as far as Cecina which place it is hoped to reach by the end of August.
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A.H.STREET Major
Liaision Officer ACC
Transportation Subcommissio

Declassified E.O. 12356 Section 3.3/NND No. 785021

4

TRANSPORTATION SUBCOMMISSION A.C.C.
LIAISON OFFICER

708 RAILWAY GRAND DIVISION

July 24th 1944

Ref.TR/B/1/3

TO DIRECTOR
TRANSPORTATION SUBCOMMISSION
A.C.C. MAIN HEADQUARTERS
Attention : LT. COL. L.C. VINING

SUBJECT : PROGRESS REPORT.

I. Condition of Tracks:

a) Route 50 Rome-Civitavecchia-Leghorn.
This line is being operated as far as Civitavecchia and repair work is in hand as far as Grosseto it is hoped that traffic will be possible as far as Grosseto by August 5th.

b) Route 65 Rome-Orte-Arezzo.
This line is being operated as far as Orte with railhead at Civitavecchia. Repairs are in hand as far as Arezzo and would be completed by August 10th.
No reconstruction will be carried out on route 65 North of Arezzo due to heavy demolitions.

298

c) Route 67 Orte-Foligno-Fabriano-Ancona:
Repairs completed as far as Foligno and work in hand up to Fabriano no date has yet been fixed for arrival at this town

d) Route 24 Foligno-Perugia:
Repairs have been completed as far as Bastia and railheads established at this town and also at Assisi total capacity 2500 tons. No reconstruction on this route will be put in hand North of Bastia.

e) Route 89 Naples-Rome:
The reconstruction is completed from Naples to Campoleone and is in hand between Campoleone and Rome but will take three months to complete.
Naples Rome traffic will be carried from Campoleone to Rome over route 265.

Declassified E.O. 12356 Section 3.3/NND No. 785021

TO DIRECTOR
TRANSPORTATION SUBCOMMISSION
A.C.C. MAIN HEADQUARTERS

Attention : Lt. Col. L.C. YERXA

SUBJECT : PROGRESS REPORT.

I. Condition of Tracks:

a) Route 50 Rome-Civitavecchia-Leghorn.
This line is being operated as far as Civitavecchia and repair work is in hand as far as Grosseto it is hoped that traffic will be possible as far as Grosseto by August 5th.

b) Route 65 Rome-Orte-Arezzo.
This line is being operated as far as Orte with railhead at Civitavecchia. Repairs are in hand as far as Arezzo and would be completed by August 10th.
No reconstruction will be carried out on route by North of Arezzo due to heavy demolitions.

2934

c) Route 67 Orte-Foligno-Fabriano-Ancona:
Repairs completed as far as Foligno and work in hand up to Fabriano no date has yet been fixed for arrival at this town

d) Route 344 Foligno-Perugia:
Repairs have been completed as far as Bastia and railheads established at this town and also at Assisi total capacity 2500 tons. No reconstruction on this route will be put in hand North of Bastia.

e) Route 89 Naples-Rome:
The reconstruction is completed from Naples to Campoleone and is in hand between Campoleone and Rome but will take three months to complete.
Naples Rome traffic will be carried from Campoleone to Rome over route 265.

f) Route 265 Anzio-Rome:
It is proposed to discourage all rail traffic over this route as it will diminish the volume of traffic that can be handled over Route 89.

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Declassified E.O. 12356 Section 3.3/NND No. 780021

It is anticipated that shortly all A.C.C. traffic for Rome will be able to be handled at Civitavecchia due to the opening of the Port of Leghorn.

g) Route 219 Pisa-Florence:
It is anticipated that this in conjunction with route 50 will be the main line to Florence.

A. H. STREET MAJOR
LIAISON OFFICER A.C.C.

Declassified E.O. 12356 Section 3.3/NND No. 785021

Declassified E.O. 12356 Section 3.3/NND No. 780021

SECRET

3.

TRANSPORTATION SUBCOMMISSION A.C.C.
Liaison Officer
703 RAILWAY GRAND DIVISION APO 400

July 14 - 44.-
Ref. Tn/ R/ 4/ 1.-

TO THE DIRECTOR
TRANSPORTATION SUBCOMMISSION A.C.C.

-APO 394

Subject: Rail Facilities.

1) Further to my Tn/ R/ 1/ 2 of July 10 th the following is the latest information on railway repairs.

2) The following three routes are the only ones in which the military are at present interested and for the time being repairs will be confined to these three routes:

a) Route 50 - Rome - Civitavecchia.
This route which is open to Civitavecchia will be continued to Leghorn and the North.

bx) Route 65 - Rome - Orte.
This line at present open to Orte will be continued to Florence and the North.
This line should be open to Chiusi early in August and it is hoped to establish 8 th Army rail heads in the neighbourhood of Arezzo by the 15 th of the month.

TO THE DIRECTOR

TRANSPORTATION SUBCOMMISSION A.C.C.

-APO 394

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This route which is open to Civitavecchia will be continued to Leghorn and the North.

bb) Route 65 - Rome - Orte.

This line at present open to Orte will be continued to Florence and the North.

This line should be open to Chiusi early in August and it is hoped to establish 8 th Army rail heads in the neighbourhood of Arezzo by the 15 th of the month.

c) Route 87 and 86 - Orte Falconara to the North.

Work is in hand on the section Foligno - Nocera Umbra.

3) As mentioned in my previous report Route 244 will not be prolonged beyond Rantia.

A. H. STREET Major

Liaison Officer A.C.C.

Declassified E.O. 12356 Section 3.3/NND No. 785021

TRANSPORTATION SUBCOMMISSION A.C.C.
LIAISON OFFICER
703 RAILWAY GRAND DIVISION
A.P.O. 400

2

July 10th 1944
Ref. Tn/R/I/2

TO DIRECTOR
TRANSPORTATION SUBCOMMISSION
ACC MAIN HEADQUARTERS

Subject: Progress Report - 10th July 1944.

1. Condition of tracks:
   a) Route 89 Naples-Rome via Cassino;
      Open to traffic.
      The capacity will reach 4800 net tons daily, each direction.

   b) Route 90 Naples-Rome via Formia:
      There is no expected change in the date as to when this line will be opened, at present it is fixed for July 15.

   c) Route 65 Rome-~~Montevarchi~~ Orte.
      This line is open to traffic and is capable of handling 2500 net tons, each way daily. It is expected that this line will be open to Chiusi early in August.

   d) Route 87 and 244 Rome to Bastia:
      It is expected that this line will be opened to traffic on 24th July as far as Bastia which will be the terminal it not being intended to carry the reconstruction further at present.
      8th Army rail heads will be established at Bastia capacity 1000 tons daily.
      Assisi capacity 1500 tons daily.

2. Civilian Traffic on Civitavecchia:
   This traffic is being dealt with at Rome as follows:
   A.C.C. Main at Mercato Centrale at Rome Ostiense Station.
   Rome Region up till Sunday 9th this was being handled at Rome Terminal (via Marsala siding).
   As mentioned in my letter R/TN/2/1 of July 7th it was agreed by all concerned that Rome Region traffic should be handled at Tuscolana Yard, as from 9th July.

3. The following wagons were under load for ACC on the morning of 10th July.

Declassified E.O. 12356 Section 3.3/NND No. 782021

ACC Main Headquarters

Subject: Progress Report - 10th July 1944.

1. Condition of tracks:
   a) Route 85 Naples-Rome via Cassino:
   Open to traffic.
   The capacity will reach 4800 net tons daily, each direction.

   b) Route 90 Naples-Rome via Formia:
   There is no expected change in the date as to when this line will be opened, at present it is fixed for July 15.

   c) Route 65 Rome-~~Arezzo~~ Orte.
   This line is open to traffic and is capable of handling 2500 net tons, each way daily, it is expected that this line will be open to Chiusi early in August.

   d) Route 87 and 244 Rome to Bastia:
   It is expected that this line will be opened to traffic on 24th July as far as Bastia which will be the terminal it not being intended to carry the reconstruction further at present.
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   As mentioned in my letter R/TN/2/1 of July 7th it was agreed by all concerned that Rome Region traffic should be handled at Tuscolana Yard, as from 9th July.

3. The following wagons were under load for ACC on the morning of 10th July.
   37. Tuscolana Yard
   34. Ostiense Yard
   21. Trastevere Yard
   15. Civitavecchia
   This information was passed to Foodcommission ACC with the request to hasten unloading.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

4. The information contained in your letter ACC TM/138/4 of 7th July has been passed to and explained to both Rome Area and Region IV.

5. No bids for transportation for the period 24th 30th July have been received, any that may come to hand will be kept till the arrival of the Subcommission in this City.

A. E. STREET MAJOR
LIAISON OFFICER A.C.C.

2982

Declassified E.O. 12356 Section 3.3/NND No. 785021

TRANSPORTATION SUBCOMMISSION A.C.C.
Ac 703 RAILWAY GRAND DIVISION
A P O 400

TM/R/I/I
July 3rd 44

To Director
Transportation Subcommission
A.C.C. Main Headquarters

A.P.O.394

Subject Progress Report.

1. On arrival in Rome I called on Col. Tully M.R.S. and it was agreed that I should work in close liaison with 703 Railway Grand Division.

2. The Capo Compartimento has allocated me the office that was used by Capt. Smith, which is in the same building as the offices of 703 Railway Grand Division.

3. The address is Via Regina Elena 67.
Telephone 40528.

4. Following is condition of railways South of Rome:
a) N° 90 Naples - Rome via Cassino
Test train run on 2nd July will be opened to service on July 5th.

b) N° 89 Naples - Rome via Formia
It is hoped to have this line in service by 15th July

c) N° 265 Anzio - Rome
Opened to traffic 30th June.

d) N° 5C Civitavecchia - Rome
Opened to traffic 30th June.

e) N° 65 Rome - Orte
It is hoped to have this line opened to traffic by July 4th as far as Civita Castellana.

5. Rail Heads have been or will be established as follows:
a) 8th Army
Route 65 at Gallese Taverina and Civita Castellana.

b) A.AI.
Route 65 at Monte Rotondo

2981

Declassified E.O. 12356 Section 3.3/NND No. 785021

A.F.H.Q.394

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1. On arrival in Rome I called on Col. Tully M.R.S. and it was agreed that I should work in close liaison with 703 Railway Grand Division.

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b) Nº 89 Naples - Rome via Formia
It is hoped to have this line in service by 15th July

c) Nº 265 Anzio - Rome
Opened to traffic 30th June.

d) Nº 50 Civitavecchia - Rome
Opened to traffic 30th June.

e) Nº 65 Rome - Orte
It is hoped to have this line opened to traffic by July 4th as far as Civita Castellana.

5. Rail Heads have been or will be established as follows:
a) 8th Army
Route 65 at Gallese Taverine and Civita Castellana.

b) A.AI.
Route 65 at Monte Rotondo
Littorio Smistamento

c) 59 Base Subarea
Line 88 at Tor Sapienza

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Lines North of Rome
No information is available at the moment, except that given for the Rome - Orte line.

6. I should like to record that I have received the greatest cooperation possible from all the officials of the State Railways.

A H STREET Major
Liaison Officer M.R.S.

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