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TERNI RIETI
(JUN. - AUG. 1945)
FEB. - MAR. 1945

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line 277.

State of works

Job No	Agency	Location	Description	Size	Progress	Est. date of compl.
AG/277/001	Contract Tiberine & Zerbiniati.	Rieti	Repairs to bridge at Km. 191+696.	Cut up existing 40 mts. W.I. span, repair abutments. Pile 2 trestles, launch R.S.J.'s superstructure.	50%	?
AG/277/002	Tiberine & Zerbiniati.	Rieti	Repairs to bridge at Km. 193+017.	Cut up existing 30 mts W.I. span, etc.	80%	?
AG/277/003	Contract Zerbiniati.	Rieti	Repairs to bridge at Km. 208+430.	Plate top beam of W.I. lattice girder.	67%	15 Sept.
AG/277/004	Contract Tiberine & Zerbiniati.	Terni	Repairs to bridge at Km. 213+701.	Cut up existing 40 mts. W.I. span repair abutments. Pile 2 trestles, launch R.S.J.'s superstructure.	50%	?
AG/277/005	Contract Tiberine.	Terni	Repairs to tunnel at Km. 216+739.	Clear debris and rebuild tunnel for a length of 45 mts.	100%	
AG/277/006	Contract Tiberine.	Terni	Repairs to bridge at Km. 228+790.	Cut up existing 35 mts. W.I. span, repair abutments. Pile 2 trestles, launch R.S. J.'s superstructure	40%	?

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CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of works as at 31 August 1945.

Description	Size	Progress	Est. date of compl.	Remarks.
Repairs to bridge at Km. 191+696.	Cut up existing 40 mts. W.I. span, repair abutments. Pile 2 trestles, launch R.S.J.'s superstructure.	50%	?	Ready to receive steel superstructure. Date of completion depends on supply of steel superstructure.
Repairs to bridge at Km. 193+017.	Cut up existing 30 mts W.I. span, etc.	80%	?	Ready to receive steel superstructure.
Repairs to bridge at Km. 208+430.	Plate top boom of W.I. lattice girder.	67%	15 Sept.	Work recommenced. All materials now at site with exception of coal for rivet forging.
Repairs to bridge at Km. 213+701.	Cut up existing 40 mts. W.I. span repair abutments. Pile 2 trestles, launch R.S.J.'s superstructure.	50%	?	Abutments completed. Old superstructure completely removed from river bed. Pile protection against scour 50% complete. Awaiting decision availability of steel superstructure.
Repairs to tunnel at Km. 216+739.	Clear debris and rebuild tunnel for a length of 45 mts.	100%		
Repairs to bridge at Km. 228+790.	Cut up existing 35 mts. W.I. span, repair abutments. Pile 2 trestles, launch R.S.J.'s superstructure	40%	?	Removal of old superstructure completed. Abutments completed with exception of reinforced concrete cap. Awaiting decision availability of steel superstructure.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COM
Line 277.
State of Works as at 4th July

Job N°	Agency	Location	Description	Size	Progress	Set. dn of comple
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 existing 40mts W.I. span. repair abutments. Pile 2 trestles, launch R.S.J.'s superstructure.	62%	
AC/277/1005	Tiberine 278	Terni	Repairs to tunnel at Km. 216+739.	Clear debris and rebuild tunnel for a length of 45mts	100%	

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.State of Works as at 4th July.

Station	Description	Size	Progress	Est. date of complt.	Remarks
Leti	Repairs to bridge at Km. 191+696.	Cut up existing 40mts W.I. span, repair abutments. File 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.
Leti	Repairs to bridge at Km. 193+017.	Cut up existing 30mts W.I. span, repair abutments. File 2 trestles, launch R.S.J.'s superstructure.	80%		Ready to receive steel-work. Same as June report.
Leti	Repairs to bridge at Km. 203+430.	Plate top boom of W.I. lattice girder	65%		Work stopped. Generator broken down. No progress since June report.
Perini	Repairs to bridge at Km. 213+701.	Cut up existing 40mts W.I. span, repair abutments. File 2 trestles, launch R.S.J.'s superstructure.	62%		Clearing of original superstructure still in hand. Work proceeding slow and progress not satisfactory.
Perini	Repairs to tunnel at Km. 216+739.	Clear debris and rebuild tunnel for a length of 45mts	100%		

State of Works as at 4th July.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

State of Works as at 4th July.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL

State of works as at 5th J

Line 277.

Job No	Agency	Location	Description	Size	Progress	Est. comp
AC/277/1101	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.	50%	
AC/277/1102	Tiberine Zerbinati	Rieti	Repairs to bridge at Km. 193+017	Cut up existing 30 mts W.I. span, repair abutments. Pile 2 trestles, launch R.S.J's superstructure.	80%	
AC/277/1103		Rieti	Repairs to bridge at Km. 208+430	Plate top boom W.I. lattice girder	65%	
AC/277/1104		Terni	Repairs to bridge at Km. 213+701	Cut up existing 40mts W.I. span. Repair abutments. Pile 2 trestles, launch R.S.J's superstructure.	60%	
AC/277/1105	Tiberine	Terni	Repairs to tunnel at Km. 216+739	Clear debris & rebuild tunnel for a length of 45 mts.	100%	
AC/277/1106	Tiberine	Terni	Repairs to bridge at Km. 228+790	Cut up existing 35mts W.I. span, repair abutments. Pile 2 trestles, launch R.S.J's superstructure.		

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.State of works as at 5th June 1945.

n	Description	Size	Progress	Est. date of complet	Remarks
	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.	50%		Cutting up of original superstructure complete. Pile work for piling complete. One pile driven. All piles & timber for trestles on site. Repairs to abutments complete.
	Repairs to bridge at Km. 193+017	Cut up existing 30 mts W.I. span, repair abutments. Pile 2 trestles, launch R.S.J's superstructure.	80%		Timber trestles completed. Awaiting delivery of R.S.J's to complete work.
	Repairs to bridge at Km. 208+430	Plate top boom W.I. lattice girder	65%		Awaiting delivery of rivets & electrodes f. weld.
	Repairs to bridge at Km. 213+701	Cut up existing 40mts W.I. span. Repair abutments. Pile 2 trestles, launch R.S.J's superstructure.	60%		Cutting up of superstructures, 70% completed. Repairs to abutments completed. Scour protection work completed. All timber for piles and trestles on site.
	Repairs to tunnel at Km. 216+739	Clear debris & rebuild tunnel for a length of 45 mts.	100%		
	Repairs to bridge at Km. 228+790	Cut up existing 35mts W.I. span, repair abutments. Pile 2 trestles, launch R.S.J's superstructure.			Cutting up of superstructure 50% completed.

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COM

Line 277.State of works as at 15th May 19

Job No	Agency	Location	Description	Size	% compl.	Est. date of complet.	
1	Contractors : Imp. Tiberine Imp. Zerbinati	Rieti	Repairs to bridge at Km.191+696 .	Cut up existing 40 mts.W.I. span, repair abutments.Pile two trestles,launch,R.S.J's superstructure.	45%		C s f
2	Contractors : Impresa Tiberine Impresa Zerbinati	Rieti	Repairs to bridge at Km.193+017	Cut up existing 30mts W.I. span, repair abutments.Pile two trestles,launch R.S.J's superstructure.	80%		T A R
3		Rieti	Repairs to bridge at 208+430 Km.	Plate top boom of W.I. lattice girder	Nil.		
4		Terni	Repairs to bridge at 213+701 Km.	Cut up existing 40mts W.I. span.Repair abutments.Pile two trestles,launch R.S.J's superstructure.	50%		Cu s c
5	Contractor : Imprese Tiberine	Terni	Repairs to tunnel at 216+739 Km.	Clear debris and rebuild tunnel for a length of 45mt	100%		
6	Contractor: Imprese Tiberine Impresa Zerbinati	Terni	Repairs to bridge at 228+790 Km.	Cut up existing 35 mts W.I. span, repair abutments.Pile two trestles,launch R.S.J's superstructure.	Nil.		

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION.State of works as at 15th May 1945.

Description	Size	% compl.	Est. date of complet.	Remarks
Repairs to bridge at Km.191+696 .	Cut up existing 40 mts.W.I. span, repair abutments.Pile two trestles,launch,R.S.J's superstructure.	45%		Cutting up of original super- structure completed.Preparing false work for pile driving.
Repairs to bridge at Km.193+017	Cut up existing 30mts W.I. span, repair abutments.Pile two trestles,launch R.S.J's superstructure.	80%		Timber trestles completed Awaiting delivery of steel R.S.J's to complete work.
Repairs to bridge at 208+430 Km.	Plate top boom of W.I. lattice girder	Nil.		
Repairs to bridge at 213+701 Km.	Cut up existing 40mts W.I. span.Repair abutments.Pile two trestles,launch R.S.J's superstructure.	50%		Cutting up of original super- structure above water level completed.
Repairs to tunnel at 216+739 Km.	Clear debris and rebuild tunnel for a length of 45mt	100%		
Repairs to bridge at 228+790 Km.	Cut up existing 35 mts W.I. span, repair abutments.Pile two trestles,launch R.S.J's superstructure.	Nil.		

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION
Line 277.
State of Work as at 1st April 1945

<u>Agency</u>	<u>Location</u>	<u>Description</u>	<u>Size</u>	<u>% Complete</u>	<u>Contract Date Compd.</u>
Contract. Imp. Tiberina	Rieti	Repairs to bridge at 191 + 696 Km.	Cut up existing 40 mts. S.I. span; repair abutments. Fill two trusses; launch R.S.I.'s superstructure.	45%	20 April
Contract. Imp. Tiberina " Zerbini	Rieti	Repairs to bridge 193 + 0.7 Km.	Cut up existing 30 mts. S.I. span; repair abutments. Fill two trusses; launch R.S.I.'s superstructure.	70%	30 April
	Rieti	Repairs to bridge at 203 + 430 Km.	Plate top boom of S.I. lattice girder.	21%	30 April
	Terni	Repairs to bridge at 213 + 701 Km.	Cut up existing 40 mts. S.I. span. Repair abutments. Fill two trusses; launch R.S.I.'s superstructure.	45%	30 April
Contract. Imp. Tiberina.	Terni	Repairs to tunnel at 216 + 739 Km.	Clear debris and rebuilt tunnel for a length of 45 mts.	80%	30 April

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RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

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State of Work as at 1st April 1945

<u>Location</u>	<u>Work</u>	<u>Complete</u>	<u>Contract Date Comm.</u>	<u>Remarks</u>
to bridge + 596 Km.	Put up existing 40 mts. R.I. span; repair abutments. Fill two trestles; launch R.S.J.'s superstructure	45%	20 April	Work proceeding very slow. Old superstructure 95% out up. Now possible to commence the piling.
to bridge + 7 Km.	Put up existing 30 mts. R.I. span; repair abutments. Fill two trestles; launch R.S.J.'s superstructure.	70%	30 April	Trestle pile foundation now completed. Commencing erection of timber trestles.
to bridge + 430 Km.	Plate top boom of R.I. lattice girder.	Nil	30 April	
to bridge + 701 Km.	Put up existing 40 mts. R.I. span. Repair abutments. Fill two trestles; launch R.S.J.'s superstructure.	4%	30 April	No real progress whatsoever during current month. Protection work against scour should be pressed for completion.
to at 739 Km.	Clear debris and rebuild tunnel for a length of 45 mts.	80%	30 April	Excavation completed. Two side walls completed and soffit 50% completed.

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Declassified E.O. 12356 Section 3.3/NND No. 785021RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION.Line 277.State of Work as at 23th Feb. 1945.

<u>Job No.</u>	<u>Agency</u>	<u>Location</u>	<u>Description</u>	<u>Size</u>	<u>% Complete</u>	<u>Est. date</u> <u>Compln.</u>
	Contract. Imp. Tiberine " Zerbinati	Rieti	Repairs to bridge at 191 + 696 Km.	Cut up existing 40 mts. W.I. span; repair abutments. Pile two trestles; launch R.S.J.'s superstructure.	10%	30 April
	Contract. Imp. Tiberine " Zerbinati	Rieti	Repairs to bridge at 192 + 017 Km.	Cut up existing 30 mts. W.I. span; repair abutments. Pile two trestles; launch R.S.J.'s superstructure.	50%	30 April
		Rieti	Repairs to bridge at 208 + 430 Km.	Plate top boom of W.I. lattice girder	Nil	30 April
		Terni	Repairs to bridge at 213 + 701 Km.	Cut up existing 40 mts. W.I. span. Repair abutments. Pile two trestles; launch R.S.J.'s superstructure.	40%	30 April
	Contract. Imp. Tiberine	Terni	Repairs to tunnel at 216 + 739 Km.	Clear debris and rebuild tunnel for a length of 45 mts.	20%	30 April

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Sheet 1.

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION.State of Work as at 28th Feb. 1945.

<u>Description</u>	<u>Size</u>	<u>% Complete</u>	<u>Est. date</u> <u>Compln.</u>	<u>Remarks</u>
Repairs to bridge at 191 + 696 Km.	Cut up existing 40 mts. W.I. span; repair abutments. Pile two trestles; launch R.S.J.'s superstructure.	10%	30 April	Work proceeding very slow Contractor has not plant suitable for work. Military tanks will be used to haul girders clear when steel hawsers available.
Repairs to bridge at 193 + 617 Km.	Cut up existing 30 mts. W.I. span; repair abutments. Pile two trestles; launch R.S.J.'s superstructure.	50%	30 April	Girders not removed. Pall work for piling completed.
Repairs to bridge at 208 + 430 Km.	Plate top boom of W.I. lattice girder	Nil	30 April	
Repairs to bridge at 213 + 701 Km.	Cut up existing 40 mts. W.I. span. Repair abutments. Pile two trestles; launch R.S.J.'s superstructure.	40%	30 April	Cutting up of lattice girders not started but are clear of work Trestles 75% completed. Repairs to abutments 50% completed.
Repairs to tunnel at 216 + 739 Km.	Clear debris and rebuild tunnel for a length of 45 mts.	20%	30 April	Excavation and clearing of debris 70% completed.

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<u>Job No.</u>	<u>Agency</u>	<u>Location</u>	<u>Description</u>	<u>Size</u>	<u>Complete</u>	<u>Est. Date</u> <u>Compln.</u>
	Contract. Imp. Tiberine " Zerbinati	Ferni	Repairs to bridge at 228 + 790 Km.	Cut up existing 35mts. W.I. span; repair abutments. Eile two trestles; Launch R.S.J.'s superstructure	Nil	30 April

State of Work as at 28th Feb. 1945

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

REF. : AC/Tn/10C/277/M.F.I

3rd March 1945

TO : Major A.H. STREET,
Tr.S.C., A.C.,
Rail Division.

SUBJECT : Line 277.

1. Enclosed herewith Progress Report of the Termini-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. Zerbiniati 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 P.I. spans out of the way of the new trestles. Zerbiniati 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. There 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 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, P. Commissioner Rieti Province and Lt. Tiding D.A.D.L.

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. Zerbiniati have only 2 are 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 Chuzehill tanks were borrowed from the R.A.C.T.D. to drag the W.I. spans out of the way of the new trestles. Zerbiniati 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 Merch 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 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, P. 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.
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,
R.A.C., A.C.
Rail Division.

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