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LASPEZIA - P-REPORTS
SEPT. - DEC. 1945

TRANSPORTATION SUB-COMMISSION (RAILS)
ENGINEERING BRANCH
FLORENCE

Dec. 3, 1945

Tel. F.B.13
Ref : L-I-R
To : Maj. G.P. BUCKLEY
AC/TN/RAILS/ROME
Subject: Pisa-La Spezia Line No. 50

Confirming telephone conversation of November 14, 1945, the above mentioned line, single track, was completed November 18, 1945.

Edward Richard
Chief Engr.

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line No 50 PISA - LA SPEZIA

State of work as at

Agency	Location	Description	Size	Pro- gress	Est. date of completion
Pisa Km. 100+133 - Migliarino Pisano Km. 105+915					
I.S.R.		Track	Km. 5+782	80%	Oct. 31/45
Cionfrini		2 Culverts & passes	Average m. 5.05	80%	Completed
Cionfrini	Km. 102+020	Removal Steel		80%	"
		Steel span	m. 12	45%	Oct. 31/45
		Abutments		80%	"
Lenzi	Km. 105+826	Removal Steel		80%	"
Lenzi		3 Steel Spans	m. 20.50	80%	"
Cionfrini		Abutments & Piers		70%	"
Migliarino - Torre del Lago Km. 114+014					
I.S.R.		Track	Km. 8+099	80%	"
Cionfrini		1 Culvert	m. 4.50	80%	"
Torre del Lago - Viareggio Km. 120+90					
I.S.R.		Track	Km. 6+75	80%	"
	Km. 119+249	Remove Steel		80%	Completed
		2 Steel Spans	m. 15.00	80%	Oct. 31/45
Cionfrini		Abutments & Piers		40%	"
Viareggio - Pietrasanta Km. 129+545					
I.S.R.		Track	Km. 9+556	80%	"
Cionfrini		3 Culverts & passes	Average m. 3.17	80%	"
	Km. 122+455	Remove Steel		80%	Completed
		2 Steel Spans	m. 12.00	80%	Oct. 31/45
Cionfrini		Abutments & Pier		70%	"
Cionfrini	Km. 128+267	Tunnel	m. 35.40	95%	"

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

LA SPEZIA

State of work as at

1941

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Location	Description	Size	Pro- gress	Est. date of completion	Rem
0+133-Migliarino Pisano Km. 105+315	Track	Km. 5+782	80%	Oct. 31/45	The date of completion is subordinate to the arrival of cement of which this group is practically lacking.
Km. 102+020	2 Culverts & passes	Average m. 5.05	-	Completed	
	Removal Steel		-	"	
	Steel span	m. 12	45%	Oct. 31/45	
	Abutments		80%	"	
Km. 105+226	Removal Steel		80%	"	
	3 Steel Spans	m. 20.50	60%	"	
	Abutments & Piers		70%	"	
Migliarino - Torre del Lago Km. 114+014	Track	Km. 8+099	80%	"	
	1 Culvert	m. 4.50	10%	"	
Torre del Lago - Viareggio Km. 120+90	Track	Km. 6+75	80%	"	
Km. 119+249	Remove Steel		-	Completed	
	2 Steel Spans	m. 15.00	30%	Oct. 31/45	
	Abutments & Piers		40%	"	
Viareggio - Pietrasanta Km. 129+545	Track	Km. 9+556	90%	"	
	3 Culverts & passes	Average m. 3.17	80%	"	
Km. 122+455	Remove Steel		-	Completed	
	2 Steel Spans	m. 12.00	30%	Oct. 31/45	
	Abutments & Pier		70%	"	
Km. 128+267	Tunnel	m. 35.40	55%	"	

Line N° 50 PISA - LA SPEZIA

State of work as at

Agency	Location	Description	Size	Progress	Est. date of Completion
Pietrasanta - Serravezza Km. 133+099					
I.S.R.		Track	Km. 3+453	20%	Oct. 31/43
Cionfrini		3 Culverts & Passes	Average m. 4.00	99%	"
	Km. 131+544	Remove Steel		100%	Completed
		Steel Span	m. 11.60	19%	Oct. 31/43
Cionfrini		Abutments		60%	"
Serravezza - Apuania Montignoso Km. 137+116					
I.S.R.		Track	Km. 4+017	65%	"
Cionfrini		2 Culverts & Passes	Average m. 4.22	50%	"
Apuania Montignoso - Apuania Massa Km. 140+271					
I.S.R.		Track	Km. 3+155	30%	"
Apuania Massa - Apuania Carrara Km. 148+997					
I.S.R.		Track	Km. 8+726	90%	"
Vannucci		1 Culvert	m. 5.00	30%	"
Vannucci	Km. 141+525	1 Arch Bridge	m. 17.70	60%	"
Vannucci	Km. 146+770	2 Arch Bridge (Avenza)	m. 15.00	20%	"
Apuania Carrara - Luni Km. 151+594					
I.S.R.		Track	Km. 2+597	80%	"
Vannucci	Km. 147+280	3 Arch Bridge	m. 24.00	20%	"
Vannucci	Km. 148+556	Underpass	m. 7.00	40%	"
	Km. 149+573	Remove Steel		13%	"
		Steel Span	m. 8.60	5%	"
Vannucci		Abutments			"
Luni - La Spezia Km. 172+462					
I.S.R.		Track	Km. 20+868	95%	"
Vannucci		6 Underpasses	Average m. 4.15	70%	"

Edward Richard
Civil Engineer

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

LA SPEZIA

State of work as at

(120)

Location	Description	Size	Pro- gress	Est. date of Completion
Pietrasanta - Serravezza Km. 133+099	Track	Km. 3+453	20%	Oct. 31/45
Km. 131-544	3 Culverts & Passes	Average n. 4.10	95%	"
	Remove Steel		100% Completed	
	Steel Span	m. 11.60	100%	Oct. 31/45
	Abutments		100%	"
Serravezza - Apuania Montignoso Km. 137+116	Track	Km. 4+017	65%	"
	2 Culverts & Passes	Average n. 4.23	50%	"
Apuania Montignoso - Apuania Massa Km. 140+271	Track	Km. 3+155	80%	"
		Km. 137+243	50%	"
Apuania Massa - Apuania Carrara Km. 148+957	Track	Km. 3+726	90%	"
Km. 141+525	1 Culvert	m. 5.00	30%	"
	1 Arch Bridge	m. 17.70	80%	"
	2 Arch Bridge (Avenza)	m. 15.00	80%	"
Km. 146+770				
Apuania Carrara - Luni Km. 151+594	Track	Km. 2+597	80%	"
Km. 147+280	3 Arch Bridge	m. 24.00	20%	"
Km. 148+556	Underpass	m. 7.00	40%	"
Km. 149+573	Remove Steel		15%	"
	Steel Span	m. 3.60	5%	"
	Abutments			
Luni - La Spezia Km. 172+462	Track	Km. 20+868	55%	"
	6 Underpasses	Average n. 4.16	70%	"

Edward Richard
Edward Richard
Civil Engineer

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line No 50 PISA - LA SPEZIA

State of work as at

Agency	Location	Description	Size	Pro- gress	Est. date of completion
Pisa Km. 100+133 - Migliarino Pisano Km. 105+915					
I.S.R.		Track	Km. 5+782	30%	Oct. 31st
Cionfrini		2 Culverts & passes	Average m. 5.05	100%	Completed
Cionfrini	Km. 102+020	Removal Steel		100%	"
		Steel span	m. 12	45%	Oct. 31st
		Abutments		80%	" "
Lenzi	Km. 105+826	Removal Steel		80%	" "
Lenzi		3 Steel Spans	m. 30.50	60%	" "
Cionfrini		Abutments & Piers		70%	" "
Migliarino - Torre del Lago Km. 114+014					
I.S.R.		Track	m. 3+099	80%	Oct. 31st
Cionfrini		1 Culvert	m. 4.50	30%	" "
Torre del Lago - Viareggio Km. 120+90					
I.S.R.		Track	Km. 6+75	80%	" "
	Km. 119+249	Remove Steel		100%	Completed
		2 Steel Spans	m. 15.00	30%	31st Oct.
Cionfrini		Abutments & Piers		40%	" "
Viareggio - Pietrasanta Km. 129+546					
I.S.R.		Track	m. 9+555	50%	" "
Cionfrini		3 Culverts & passes	Average m. 3.17	80%	" "
	Km. 122+455	Remove Steel		100%	Completed
		2 Steel Spans	m. 12.00	30%	Oct. 31st
Cionfrini		Abutments & Pier		70%	" "
Cionfrini	Km. 128+267	Tunnel	m. 35.40	95%	" "

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

A - LA SPEZIA

State of work as at

Location	Description	Size	Pro- gress	Est. date of completion	119 Rem.
.100+133 - Migliarino Pisano Km. 105+915					
	Track	Km. 5+782	80%	Oct. 31st	The day of completion is subordinate to the arrival of cement of which this group is practically lacking of.
Km. 102+020	2 Culverts & passes	Average m. 5.05	100%	Completed	
	Removal Steel		100%	"	
	Steel span	m. 12	45%	Oct. 31st	
	Abutments		80%	"	
Km. 105+826	Removal Steel		80%	"	
	3 Steel Spans	m. 80.50	60%	"	
	Abutments & Piers		70%	"	
Migliarino - Torre del Lago Km. 114+014					
	Track	Km. 3+099	80%	Oct. 31st	
	1 Culvert	m. 4.50	30%	"	
Torre del Lago - Viareggio Km. 120+90					
	Track	Km. 6+76	80%	"	
Km. 119+249	Remove Steel		100%	Completed	
	2 Steel Spans	m. 15.00	30%	31st Oct.	
	Abutments & Piers		40%	"	
Viareggio - Pietrasanta Km. 129+546					
	Track	Km. 9+556	50%	"	
	3 Culverts & passes	Average m. 3.17	80%	"	
Km. 122+455	Remove Steel		100%	Completed	
	2 Steel Spans	m. 12.00	30%	Oct. 31st	
	Abutments & Pier		70%	"	
Km. 128+267	Tunnel	m. 35.40	35%	"	

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION
 Line No 50 PISA - LA SPEZIA State of work as at

Agency	Location	Description	Size	Pro- gress	Est. date of Comple-
I.S.R. Cionfrini	Pietrasanta - Serravezza Km. 133+099	Track	Km. 3+453	20%	Oct. 31
Cionfrini	Km. 131+544	3 Culverts & Passes Remove Steel Steel Span Abutments	Average n. 4.00 m. 11.60	95% 100% 15% 60%	" " <i>Complete</i> Oct 31
I.S.R. Cionfrini	Serravezza - Apuania Montignoso Km. 137+116	Track	Km. 4+017	—	Oct. 31
Cionfrini		2 Culverts & Passes	Average n. 4.22	50%	" "
I.S.R.	Apuania Montignoso - Apuania Massa Km. 140+271	Track	Km. 3+155	90%	" "
		Apuania Montignoso	Km. 137+543	90%	" "
I.S.R. Vannucci	Apuania Massa - Apuania Carrara Km. 148+997	Track	Km. 3+726	90%	" "
Vannucci	Km. 141+625	1 Culvert	m. 5.00	30%	" "
Vannucci	Km. 146+770	1 Arch Bridge	m. 17.70	60%	" "
		2 Arch Bridge (Avenza)	m. 15.00	20%	" "
I.S.R. Vannucci	Apuania Carrara - Luni Km. 151+594	Track	Km. 2+597	90%	" "
Vannucci	Km. 147+280	3 Arch Bridge	m. 24.00	20%	" "
Vannucci	Km. 148+556	Underpass	m. 7.00	40%	" "
	Km. 149+573	Remove Steel		15%	" "
Vannucci		Steel Span	m. 8.60	5%	" "
		Abutments			
I.S.R. Vannucci	Luni - La Spezia Km. 172+462	Track	Km. 20+868	95%	" "
Vannucci		6 Underpasses	Average n. 4.15	70%	" "

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

LA SPEZIA

State of work as at

Location	Description	Size	Pro- gress	Est. date of Completion
Pietrasanta - Serravezza Km. 133+099				
Km. 131+544	Track	Km. 3+453	20%	Oct. 31st
	3 Culverts & Passes	Average m. 4.50	95%	" "
	Remove Steel		100%	Completed
	Steel Span	m. 11.60	15%	Oct 31st
	Abutments		60%	
Serravezza - Apuania Montignoso Km. 137+116				
	Track	Km. 4+017	—	Oct. 31st
	2 Culverts & Passes	Average m. 4.22	50%	" "
Apuania Montignoso - Apuania Massa Km. 140+271				
	Track	Km. 3+155	90%	" "
	Remove Steel	Km. 3+155	90%	" "
Apuania Massa - Apuania Carrara Km. 148+997				
Km. 141+525 Km. 146+770	Track	Km. 3+726	90%	" "
	1 Culvert	m. 5.00	30%	" "
	1 Arch Bridge	m. 17.70	60%	" "
	2 Arch Bridge (Avenza)	m. 15.00	10%	" "
Apuania Carrara - Luni Km. 151+594				
Km. 147+280 Km. 148+556 Km. 149+573	Track	Km. 2+597	90%	" "
	3 Arch Bridge	m. 24.00	20%	" "
	Underpass	m. 7.00	40%	" "
	Remove Steel		15%	" "
	Steel Span	m. 8.60	5%	" "
	Abutments			
Luni - La Spezia Km. 172+462				
	Track	Km. 20+868	95%	" "
	6 Underpasses	Average m. 4.16	70%	" "

The date of completion is subordinate to the date of arrival of cement of which the group is practically lacking of.

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line N° 50 PISA - LA SPEZIA

State of work as at ^{25. Sept} ~~1945~~ 1945

Agency	Location	Description	Size	Pro- gress	Est. date of completion	
<u>Pisa Km.100+133-Migliarino Lisciano Km.105+915</u>						
I.S.R.		Track	Km.5+732	80%	31 ottobre	
Cionfrini		2 Culverts & passes	Average m.5,05	100%	ultimati	
Cionfrini	Km.102+020	Removal Steel		100%		
		Steel span	m.12	45%	31 ottobre	
		Abutments		80%		
Lenzi	Km.105+826	Removal Steel		80%		
Lenzi		3 Steel Spans	m.80,50	60%	31 ottobre	
Cionfrini		Abutments & Piers		70%		
<u>Migliarino - Torre del Lago Km. 114+014</u>						
I.S.R.		Track	Km.8+099	80%	31 ottobre	
Cionfrini		1 Culvert	m. 4.50	10%	-	
<u>Torre del Lago - Viareggio Km.120+90</u>						
I.S.R.		Track	Km.6+76	80%	" "	
	Km.119+243	Remove Steel		100%	" "	
		2 Steel Spans	m. 15.00	30%		
Cionfrini		Abutments & Piers		40%		
<u>Viareggio - Pietrasanta Km.129+646</u>						
I.S.R.		Track	Km.9+556	50%	" "	
Cionfrini		3 Culverts & passes	Average m.3,17	80%	" "	
	Km.122+455	Remove Steel		100%	ultimati	
		2 Steel Spans	m. 12,00	30%	31 ottobre	
Cionfrini		Abutments & Pier		70%		
Cionfrini	Km.128+267	Tunnel	m. 35,40	95%	" "	

All Capo d. la Sezione
 20/10

E.R.

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

LA SPEZIA

State of work as at

~~25-30~~ 1945

Location	Description	Size	Pro- gress	Est. date of completion	Remarks
+133-Migliarino Pisano Km.105+915	Track	Km.5+732	80%	31 ottobre	La data del termine dei lavori è subordinata al tempestivo arrivo del cemento, di cui questo Gruppo è ormai pressoché provveduto
Km.102+020	2 Culverts & passes	Average m.5,05	100%	ultimati	
	Removal Steel		100%		
Km.105+826	Steel span	m.12	45%	31 ottobre	
	Abutments		80%		
	Removal Steel		80%		
	3 Steel spans	m.80,50	60%	31 ottobre	
	Abutments & Piers		70%		
Migliarino - Torre del Lago Km. 114+014	Track	Km.8+099	80%	31 ottobre	" "
	1 Culvert	m. 4.50	10%	" "	
Torre del Lago - Viareggio Km.120+90	Track	Km.6+76	80%	" "	" "
Km.119+249	Remove Steel		100%	" "	" "
	2 Steel Spans	m. 15.00	30%	" "	" "
	Abutments & Piers		40%		
Viareggio - Pietrasanta Km.129+646	Track	Km.9+556	50%	" "	" "
Km.122+455	3 Culverts & passes	Average m.3,17	80%	" "	" "
	Remove Steel		100%	ultimato	" "
Km.122+455	2 Steel Spans	m. 12,00	30%	31 ottobre	" "
	Abutments & Pier		70%		" "
Km.128+267	Tunnel	m. 35,40	95%	" "	" "

Della Sezione I. 1945

Solo

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line No 50 PISA - LA SPEZIA State of work as at 25 Sept 1945

Agency	Location	Description	Size	Pro- gress	Est. date of Completion
I.S.R. Cionfrini	<u>Pietrasanta - Serravezza Km.133+099</u>	Track	Km.3+455	20%	31 ottobre
		3 Culverts & Passes	average m.4,20	95%	31 ottobre
		Remove Steel		100%	} 31 ottobre
		Steel Span	m. 11.60	15%	
		Abutments		60%	
Cionfrini	Km.131+644				
I.S.R. Cionfrini	<u>Serravezza - Apuania Montignoso Km.137+116</u>	Track	Km.4+017	3 - 65%	31 ottobre
		2 Culvert & Passes	average m.4,20	50%	" "
I.S.R.	<u>Apuania Montignoso - Apuania Massa Km. 140+271</u>	Track	Km.3+155	90%	" "
				50%	
I.S.R. Vannucci	<u>Apuania Massa - Apuania Carrara Km. 148+997</u>	Track	Km.8+726	10%	" "
		1 Culvert	m. 5.00	30%	" "
	Km.141+625	1 Arch Bridge	m.17.70	60%	" "
	Km.146+770	2 Arch Bridge(Avenza)	m.15.00	20%	" "
I.S.R. Vannucci	<u>Apuania Carrara - Luni Km.151+594</u>	Track	Km.2+597	90%	" "
		3 Arch Bridge	m. 24.00	20%	" "
	Km.147+280	Underpass	m. 7.00	40%	" "
	Km.148+556	Remove Steel		15%	" "
	Km.149+573	Steel Span	m. 8,60	5%	" "
Vannucci		Abutments			" "
I.S.R. Vannucci	<u>Luni - La Spezia Km. 172+462</u>	Track	Km.20+363	95%	" "
		6 Underpasses	average m.4,16	70%	" "

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

SPEZIA

State of work as at ~~15 Sept~~ 1945

(2)

Location	Description	Size	Pro- gress	Est. date of Completion	Remarks
Pietrasanta - Serravezza Km. 133+099					
	Track	Km. 3+455	20%	31 ottobre	la data del
	3 Culverts & Passes	Average m. 4,20	75%	31 ottobre	termine dei
131+644	Remove Steel		100%	} 31 ottobre	lavori e mboz
	Steel Span	m. 11.60	15%		diventa al
	Abutments		60%		
Serravezza - Apuania Montignoso Km. 137+116					
	Track	Km. 4+017	3 - 65%	31 ottobre	temporaneo arrivo
	2 Culvert & Passes	Average m. 4,20	50%	" "	del cemento, di cui questo
Apuania Montignoso - Apuania Massa Km. 140+271					
	Track	Km. 3+155	90%	" "	Gruppo è
Apuania Massa - Apuania Carrara Km. 148+997					arrivi pressoché
	Track	Km. 8+726	10%	" "	sprovvisto -
	1 Culvert	m. 5.00	30%	" "	"
141+625	1 Arch Bridge	m. 17.70	60%	" "	"
146+770	2 Arch Bridge (Avenza)	m. 15.00	20%	" "	"
Apuania Carrara - Luni Km. 151+594					
	Track	Km. 2+597	90%	" "	"
147+200	3 Arch Bridge	m. 24.00	20%	" "	"
148+556	Underpass	m. 7.00	40%	" "	"
149+573	Remove Steel		15%	" "	"
	Steel Span	m. 8,60	5%	" "	"
	Abutments				"
Luni - La Spezia Km. 172+462					
	Track	Km. 20+868	95%	" "	"
	6 Underpasses	Average m. 4,16	70%	" "	"

1945

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