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MONTHLY REPORTS PISA-EMPOLI-FLORENCE
FEB-NOV-1945

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISS

Line 219 Florence - Empoli - Pisa.

State of

Job no	Agency	Location	Description	size	%	Estd. date of completion
		<u>S. Donnino - Signa Km. 15+926. (continued)</u>				
	Poggi	Km. 15+620	Removal steel	m. 30.80	100	removed
	Poggi		steel span(Bisenzio)		100	completed
	Parrini		Abutments		100	completed
		<u>Signa - Carmignano Km. 19+133.</u>				
	I.S.R.		Track	Km. 3+212		
	Parrini		14 underpasses	Average m. 3.16	90	Dec. 15.45
		Km. 16+147	steel span	m. 8.40	50	Dec. 31.45
	Poggi	Km. 19+087	removal steel	m. 30.00		removed
	Poggi		steel span(Ombrone)		100	completed
	Parrini		Abutments		100	completed
		<u>Carmignano - Montelupo Km. 27+567.</u>				
	I.S.R.		Track	Km. 8+429		
	Parrini		19 underpasses	Average m. 2.86	85	Dec. 15.45
	Parrini	Km. 19+500	retaining wall	m. 25.00	100	completed
	Ferrobeton	Km. 22+149	5 arch bridge (Arno)	m. 148.80	45	
		<u>Montelupo - Empoli Km. 33+787.</u>				
	I.S.R.		Track	Km. 6+220		
	Pardi		12 culverts & passes	m. 3.05	98	Dec. 15.45
	Poggi	Km. 27+740	removal steel	m. 30.80		removed
	Poggi		steel span (Pesa)		100	completed
	Parrini		abutments	m. 8.75	100	completed
	S.A.C.F.E.M.		steel span (Rio Grande)			
	S.A.C.F.E.M.	Km. 30+247	removal steel			

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Sheet 2.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSIONEmpoli - Pisa.

State of works as at 30.11.1945

Location	Description	size	%	Estd. date of completion	Remarks
<u>Signa Km. 15+926. (continued)</u>					
m. 15+620	Removal steel steel span(Bisenzio) Abutments	m. 30.80	100 100 100	removed completed completed	(Laying track) for 2 tracks
<u>Signano Km. 19+138.</u>					
m. 16+147	Track -4 underpasses	Km. 3+212 Average m. 3.18	90	Dec. 15.45	(second track 75% complt.)
m. 19+087	steel span removal steel steel span(Ombrone) Abutments	m. 8.40 m. 30.00	50 100 100	Dec. 31.45 removed completed completed	span removed-Abut.undam. 2 tracks
<u>Montelupo Km. 27+567.</u>					
m. 19+500	Track 19 underpasses	Km. 8+429 Average m. 2.86	85	Dec. 15.45	(second track 65% complt.)
m. 22+149	retaining wall 5 arch bridge (Arno)	m. 25.00 m. 148.80	100 45	completed	military span removed.
<u>Empoli Km. 33+787.</u>					
m. 27+740	Track 12 culverts & passes removal steel steel span (Pesa) abutments	Km. 6+220 m. 3.05 m. 30.80	98 100 100	Dec. 15.45 removed completed completed	(second track 12% complt.) (rebuilding track) 2 tracks
m. 30+247	steel span (Rio Grande) removal steel	m. 8.75			(new steel span arrived) removed

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISS

Line 219 Florence - Empoli - Pisa.

State of

Job No	Agency	Location	Description	size	%	Estd. date of completion
		<u>Montelupo - Empoli Km. 33+787.</u>				
	Pardi	Km. 32+887	Abutments		100	Completed
	I.S.R.		removal steel	m. 13.10	100	removed
	Pardi		steel span (Orme)			completed
	Pardi		Abutments		100	completed
		<u>Empoli - S. Miniato Km. 43+399.</u>				
	I.S.R.	Km. 39+125	Track	Km. 9+612		
	Pardi		30 underpasses	Average m. 1.84	89	Dec. 31.45
	Pardi		removal steel	m. 29.00		removed
	Pardi		steel span (Elsa)		95	
		<u>S. Miniato - S. Romano Km. 49+274.</u>				
	I.S.R.	Km. 45+129	Track	Km. 5+875		
	Pardi		11 underpasses	Average m. 3.24	42	Dec. 31.45
	Pardi		removal steel	m. 8.23		removed
	I.S.R.		steel span (S. Bartolomeo)		25	Dec. 31.45
	Pardi		abutments			
		<u>S. Romano - La Rotta Km. 56+815.</u>				
	I.S.R.	Km. 52+780	Track	Km. 7+541		
	Pardi		19 culverts & passes	Average m. 2.75	65	Dec. 31.45
	Pardi		removal steel	m. 22.50		removed
	Pardi		steel span (Cecinella)		95	Dec. 15.45
	Pardi		Abutments			

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Sheet 3.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

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State of work as at 30.11.1945.

- Empoli - Pisa.

Location	Description	size	%	Estd. date of completion	Remarks
- Empoli Km. 33+787.					
Km. 32+837	Abutments	m. 13.10	100	Completed	1 track other OK. for placement. 2 new span ready in Arezzo. 2 tracks
	removal steel		100	removed	
	steel span (Orme)		100	completed	
	Abutments		100	completed	
- Miniato Km. 43+399.					
Km. 39+125	Track	Km. 9+612	89	Dec. 31.45	(second track 3% complt steel span arrived)
	30 underpasses	Average m.1.84			
	removal steel	m. 29.00	95	removed	2 tracks
steel span(Elsa)					
	abutments				
- S. Romano Km. 49+274.					
Km. 45+129	Track	Km. 5+875	42	Dec. 31.45	2 spans ready in Milan.
	11 underpasses	Average m.3.24			
	removal steel	m. 8.23	25	Dec. 31.45	
steel span(S. Bartolomeo)					
	abutments				
- La Rotta Km. 56+815.					
Km. 52+780	Track	Km. 7+541	65	Dec. 31.45	
	19 culverts & passes	Average m.2.75			
	removal steel	m. 22.50	95	Dec. 15.45	
steel span(Cecinella)					
	Abutments				

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSIONLine 219 Florence - Empoli - Pisa.State

<u>Job No</u>	<u>Agency</u>	<u>Location</u>	<u>Description</u>	<u>Size</u>	<u>%</u>	<u>Estd. date of completion</u>
		<u>La Rotta - Pontedera Km. 61+426.</u>				
	I.S.R. Pardi	Km. 60+499	Track 3 culverts & passes removal steel steel span	Km. 4+611 Average m. 5.00	95	Dec. 31.45 removed
	Pardi		abutments	m. 29.10	100	Completed
		<u>Pontedera - Cascina Km. 68+315.</u>				
	I.S.R. Pardi	Km. 65+389	Track 2 arch bridge	Km. 6+889 m. 18.00	70	Dec. 31.45
		<u>Cascina - Pisa Km. 80+848.</u>				
	I.S.R.		Track	Km. 12+533		

Sheet 4.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION. 2999

Empoli - Pisa.

State of work as at 30.11.1945.

Location	Description	Size	%	Estd. date of completion.	Remarks
<u>Empoli - Pontedera Km. 61+426.</u>					
Km. 60+499	Track	Km. 4+611			
	3 culverts & passes removal steel steel span abutments	Average m. 5.00 m. 29.10	95 100	Dec. 31.45 removed Completed	(2nd track 60% complete) steel span arrived.
<u>Pontedera - Cascina Km. 68+315.</u>					
Km. 65+389	Track 2 arch bridge	Km. 6+889 m. 18.00	70	Dec. 31.45	
<u>Cascina - Pisa Km. 80+848.</u>					
	Track	Km. 12+533			

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line 219 Florence - Empoli - Pisa.

State of work

Job No	Agency	Location	Description	size		Estd. Date of completion
(	<u>Florence Km. 0 - Rifredi Km. 2+895.</u>			Km. 2+895	-	Undamaged
	I.S.R.	Km. 0+476	Track	m. 15.00		Undamaged
		Km. 0+486	8 culverts & passes	m. 15.00		Slightly dam
		Km. 0+859	2 arch bridge	m. 16.05		Undamaged
		Km. 1+079	1 arch bridge	m. 14.00		Undamaged
		Km. 1+661	3 arch bridge	m. 12.00		Undamaged
		Km. 2+425	1 arch bridge			
(	<u>Rifredi - Cascine Km. 7+380.</u>			Km. 4+485		Undamaged
	I.S.R.		Track	Average m. 5.25		
	Vannucci	Km. 6+136	4 underpasses	m. 8.00		
	Vannucci	Km. 6+544	1 arch bridge	m. 12.00		
	-	Km. 6+718	1 arch bridge	m. 10200		
(	<u>Cascine - S. Donnino Km. 11+978.</u>			Km. 4+598	30	Jan. 15.45
	I.S.R.		Track	Average m. 3.65		
	Parrini		4 underpasses			
(	<u>S. Donnino - Signa Km. 15+926.</u>			Km. 3+947	100	Completed
	I.S.R.		Track	Average m. 3.10		
	Parrini-Vannucci	Km.	2 underpasses			

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

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e - Empoli - Pisa.

State of work as at 30.11.1945.

Location	Description	size	%	Estd. Date of completion	Remarks
Km. 0 - Riffredi Km. 2+895.					
Km. 0+000	Track	Km. 2+895	-	Undamaged	(For one track unless otherwise stated)
Km. 0+486	8 culverts & passes	m. 15.00		Undamaged	
Km. 0+859	2 arch bridge	m. 15.00		Slightly dam	
Km. 1+079	1 arch bridge	m. 16.05		Undamaged	
Km. 1+661	3 arch bridge	m. 14.00		Undamaged	
Km. 2+425	1 arch bridge	m. 12.00		Undamaged	
Km. 4 - Cascine Km. 7+380.					
Km. 4+485	Track	Km. 4+485	+	Undamaged	Abutments completed temp steel span - 1 track Abutments completed temp steel span - 1 track for 1 track
Km. 6+136	4 underpasses	Average m. 5.25			
Km. 6+544	1 arch bridge	m. 8.00			
Km. 6+718	1 arch bridge	m. 12.00			
Km. 6+718	1 arch bridge	m. 10200			
Km. 11 - S. Donatino Km. 11+978.					
Km. 11+978	Track	Km. 4+598	30	Jan. 15.45	Have reinforcing steel
Km. 11+978	4 underpasses	Average m. 3.65			
Km. 15 - Siena Km. 15+926.					
Km. 15+926	Track	Km. 3+947	100	Completed	(second track 90% comple
Km. 15+926	2 underpasses	Average m. 3.10			

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISS

Line 219 Florence - Empoli - Pisa.

State of

Job n°	Agency	Location	Description	size	%	Est'd. date of completion
	<u>S. Donnino - Siena Km. 15+926. (continued)</u>					
	Poggi	Km. 15+620	Removal steel	m. 30.80	100	removed
	Poggi		steel span(Bisenzio)		100	completed
	Parrini		Abutments		100	completed
	<u>Siena - Carmignano Km. 19+138.</u>					
	I.S.R.		Track	Km. 3+212		
	Parrini		+4 underpasses	Average m. 3.16	90	Dec. 15.45
		Km. 16+147	steel span	m. 8.40	50	Dec. 31.45
	Poggi	Km. 19+087	removal steel	m. 30.00	100	removed
	Poggi		steel span(Ombrone)		100	completed
	Parrini		Abutments		100	completed
	<u>Carmignano - Montelupo Km. 27+567.</u>					
	I.S.R.		Track	Km. 8+429		
	Parrini		19 underpasses	Average m. 2.86	85	Dec. 15.45
	Parrini	Km. 19+500	retaining wall	m. 25.00	100	completed
	Ferrobeton	Km. 22+149	5 arch bridge (Arno)	m. 148.80	45	
	<u>Montelupo - Empoli Km. 33+787.</u>					
	I.S.R.		Track	Km. 6+220		
	Pardi		12 culverts & passes	m. 3.05	98	Dec. 15.45
	Poggi	Km. 27+740	removal steel	m. 30.80	100	removed
	Poggi		steel span (Pesa)		100	completed
	Parrini		abutments		100	completed
	S.A.C.F.E.M.		steel span (Rio Grande)	m. 8.75		
	S.A.C.F.E.M.	Km. 30+247	removal steel			

Sheet 2.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION. 539g

- Empoli - Pisa.

State of works as at 30.11.1945

Location	Description	size	%	Est'd. date of completion	Remarks
<u>- Siena Km. 15+926. (continued)</u>					
Km. 15+620	Removal steel steel span(Bisenzio) Abutments	m. 30.80	100 100 100	removed completed completed	(Laying track) for 2 tracks
<u>Arignano Km. 19+138.</u>					
	Track	Km. 3+212			
	-4 underpasses	Average m. 3.16	90	Dec. 15.45	(second track 75% complt.)
Km. 16+147	steel span	m. 8.40	50	Dec. 31.45	span removed-Abut. undam.
Km. 19+087	removal steel steel span(Ombrone) Abutments	m. 30.00	100 100	removed completed completed	2 tracks
<u>- Montelupo Km. 27+567.</u>					
	Track	Km. 8+429			
	19 underpasses	Average m. 2.86	85	Dec. 15.45	(second track 65% complt.)
Km. 19+500	retaining wall	m. 25.00	100	completed	
Km. 22+149	5 arch bridge (Arno)	m. 148.80	45		military span removed.
<u>- Empoli Km. 33+737.</u>					
	Track	Km. 6+220			
	12 culverts & passes	m. 3.05	98	Dec. 15.45	(second track 12% complt.)
Km. 27+740	removal steel steel span (Pesa) abutments	m. 30.80	100 100	removed completed completed	(rebuilding track) 2 tracks
Km. 30+247	steel span (Rio Grande) removal steel	m. 8.75			(new steel span arrived) removed

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSIONLine 219 Florence - Empoli - Pisa.State of work

Job No	Agency	Location	Description	size	\$	Estd. date of completion	
		<u>Montelupo - Empoli Km. 33+787.</u>					
	Pardi	Km. 32+887	Abutments		100	Completed	
	I.S.R.		removal steel			removed	
	Pardi		steel span (Orme)	m. 13.10	100	completed	1
	Pardi		Abutments		100	completed	2
		<u>Empoli - S. Miniato Km. 43+399.</u>					
	I.S.R.	Km. 39+125	Track	Km. 9+612			
	Pardi		30 underpasses	Average m. 1.84	89	Dec. 31.45	
	Pardi		removal steel	m. 29.00		removed	
			steel span (Elsa)				
			abutments		95		2
		<u>S. Miniato - S. Romano Km. 49+274.</u>					
	I.S.R.	Km. 45+129	Track	Km. 5+875			
	Pardi		11 underpasses	Average m. 3.24	42	Dec. 31.45	
	I.S.R.		removal steel	m. 8.23		removed	
	Pardi		steel span (S. Bartolomeo)				
			abutments		25	Dec. 31.45	2
		<u>S. Romano - La Rotta Km. 56+815.</u>					
	I.S.R.	Km. 52+780	Track	Km. 7+541			
	Pardi		19 culverts & passes	Average m. 2.75	65	Dec. 31.45	
	Pardi		removal steel	m. 22.50		removed	
			steel span (Cecinella)				
			Abutments		95	Dec. 15.45	

Sheet 3.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

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Lucca - Empoli - Pisa.

State of work as at 30.11.1945.

Location	Description	size	%	Estd. date of completion	Remarks
Lucca - Empoli Km. 33+787.					
Km. 32+887	Abutments	m. 13.10	100	Completed	1 track other OK. for placement. 2 new span ready in Arezzo. 2 tracks
	removal steel		100	removed	
	steel span (Orme)		100	completed	
	Abutments		100	completed	
Empoli - S. Miniato Km. 43+399.					
Km. 39+125	Track	Km. 9+612	89	Dec. 31.45 removed	(second track 3% complt steel span arrived)
	30 underpasses	Average m. 1.84			
	removal steel	m. 29.00			
	steel span (Elsa)		95		2 tracks
	abutments				
S. Miniato - S. Romano Km. 49+274.					
Km. 45+129	Track	Km. 5+375	42	Dec. 31.45 removed	2 spans ready in Milan.
	11 underpasses	Average m. 3.24			
	removal steel	m. 8.23			
	steel span (S. Bartolomeo)		25	Dec. 35.45	
	abutments				
S. Romano - La Rotta Km. 56+815.					
Km. 52+780	Track	Km. 7+541	65	Dec. 31.45 removed	
	19 culverts & passes	Average m. 2.75			
	removal steel	m. 22.50			
	steel span (Cecinella)		95	Dec. 15.45	
	Abutments				

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line 219 Florence - Empoli - Pisa.

State of

Job No	Agency	Location	Description	Size	%	Est'd. date of completion.
		<u>La Rotta - Pontedera Km. 61+426.</u>				
	I.S.R. Pardi	Km. 60+499	Track	Km. 4+611	95	Dec. 31.45 removed
			3 culverts & passes	Average m. 5.00		
	Pardi		removal steel steel span abutments	m. 29.10	100	Completed
		<u>Pontedera - Cascina Km. 68+315.</u>				
	I.S.R. Pardi	Km. 65+389	Track 2 arch bridge	Km. 6+889 m. 18.00	70	Dec. 31.45
		<u>Cascina - Pisa Km. 80+848.</u>				
	I.S.R.		Track	Km. 12+533		

Sheet 4.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.

699g
State of work as at 30.11.1945.

- Empoli - Pisa.

Location	Description	Size	%	Estd. date of completion.	Remarks
<u>Empoli - Pontedera Km. 61+426.</u>					
Km. 60+499	Track	Km. 4+611	95	Dec. 31.45 removed	(2nd track 60% complete)
	3 culverts & passes removal steel span abutments	Average m. 5.00 m. 29.10			
<u>Pontedera - Cascina Km. 68+315.</u>					
Km. 65+389	Track 2 arch bridge	Km. 6+889 m. 18.00	70	Dec. 31.45	
<u>Cascina - Pisa Km. 80+848.</u>					
	Track	Km. 12+533			

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line 219 Florence - Empoli - Pisa.

State of work

Job No	Agency	Location	Description	size	%	Estd. Date of completion
		<u>Florence Km. 0 - Rifredi Km. 2+895.</u>				
	I.S.R.	Km. 0+436	Track 8 culverts & passes	Km. 2+895		Undamaged
		Km. 0+486	2 arch bridge	m. 15.00	-	Undamaged
		Km. 0+859	1 arch bridge	m. 15.00		Slightly dam.
		Km. 1+079	3 arch bridge	m. 16.05		Undamaged
		Km. 1+661	1 arch bridge	m. 14.00		Undamaged
		Km. 2+425	1 arch bridge	m. 12.00		Undamaged
		<u>Rifredi - Cascine Km. 7+380.</u>				
	I.S.R.		Track	Km. 4+435		
			4 underpasses	Average m. 5.25		
	Vannucci	Km. 6+136	1 arch bridge	m. 8.00		
	Vannucci	Km. 6+544	1 arch bridge	m. 12.00		
	-	Km. 6+718	1 arch bridge	m. 10.00		Undamaged
		<u>Cascine - S. Donnino Km. 11+978.</u>				
	I.S.R.		Track	Km. 4+598		
	Parrini		4 underpasses	Average m. 3.65	30	Jan. 15.45
	y	y	t			
		<u>S. Donnino - Signa Km. 15+926.</u>				
	I.S.R.		Track	Km. 3+947		
	Parrini-Vannucci	Km.	2 underpasses	Average m. 3.10	100	Completed

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION *239g*

ence - Empoli - Pisa.

State of work as at 30.11.1945.

Location	Description	size	%	Estd. Date of completion	Remarks
ence Km. 0 - Rifredi Km. 2+895.					
	Track	Km. 2+895		Undamaged	(For one track unless otherwise stated)
	8 culverts & passes			Undamaged	
Km. 0+486	2 arch bridge	m. 15.00	--	Undamaged	
Km. 0+859	1 arch bridge	m. 15.00		Slightly dam.	
Km. 1+079	3 arch bridge	m. 16.05		Undamaged	For one track
Km. 1+661	1 arch bridge	m. 14.00		Undamaged	
Km. 2+425	1 arch bridge	m. 12.00		Undamaged	
Rifredi - Cascine Km. 7+380.					
	Track	Km. 4+435			
	4 underpasses	Average m. 5.25			
Km. 6+136	1 arch bridge	m. 8.00			Abutments completed temp steel span - 1 track
Km. 6+544	1 arch bridge	m. 12.00			Abutments completed temp steel span - 1 track
Km. 6+718	1 arch bridge	m. 10.00		Undamaged	for 1 track
Cascine - S. Donnino Km. 11+978.					
	Track	Km. 4+598			
	4 underpasses	Average m. 3.65	30	Jan. 15.45	Have reinforcing steel
S. Donnino - Signa Km. 15+926.					
	Track	Km. 3+947			
Km.	2 underpasses	Average m. 3.10	100	Completed	(second track 90% comple

RAILWAY CONSTRUCTION ON UNDER CONTROL OF A.I.D. OFFICE

Line No. 119 Florence-Rapoli-Fisa

State of works as of October 31, 1945

Agency	Location	Description	Size	Progress	Est. date of completion	
I.S.R.	Florence	Km.0-Rifredi Km.2+895	Km.2+895		(All work for one tr stated)	
		Track			Undamaged	
	Km.0+486	8 Culverts & Passes	Average m.1.25		Undamaged	
	Km.0+859	2 Arch Bridge	m.15.00		Slightly damaged	
	Km.1+079	1 Arch Bridge	m.15.00		Undamaged for 1 tra	
	Km.1+661	3 Arch Bridge	m.16.05		Undamaged	
	Km.2+425	1 Arch Bridge	m.14.00		Undamaged	
I.S.R.	Rifredi	Cascine Km.7+380	Km.4+485			
		Track				
Vannucci	Km.6+136	4 Underpasses	Average m.5.25			Abutmen
		1 Arch Bridge	m.8.00			Temp.S.
Vannucci	Km.6+544	1 Arch Bridge	m.12.00			Abutmen
--	Km.6+718	1 Arch Bridge	m.10.00		Undamaged for 1 tr	Temp.S.
I.S.R.	Cascine	S. Donnino Km.11.978	Km.4+598			
Parrini		Track				
		4 Underpasses	Average m.3.65	1%	Unknown	Awaiting
I.S.R.	S. Donnino	Signa Km. 15+926	Km.3+947			
Parrini-Vannucci		Track				
		2 Underpasses	Average m.3.10	100%	Completed	(Second
Poggi	Km.15+620	Removal steel			Removed	
Poggi		Steel Span(Bisenzio)	m.30.00	100%	Completed	(Laying
Parrini		Abutments		100%	Completed	for 2 tr

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF A.I.D. COMMISSION

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Florence-Tripoli-Tisa

State of works as of October 31, 1945

Location	Description	Size	Pro- gress	Est. date of completion	Remarks
<u>Florence</u>	<u>Km.0-Rifredi Km.2+895</u>			(All work for one track unless otherwise stated)	
	Track	Km.2+895		Undamaged	
Km.0+486	8 Culverts & Passes	Average m.1.50		Undamaged	
Km.0+859	2 Arch Bridge	m.15.00		Slightly damaged	
Km.1+079	1 Arch Bridge	m.15.00		Undamaged	for 1 track
Km.1+661	3 Arch Bridge	m.16.05		Undamaged	
Km.2+425	1 Arch Bridge	m.14.00		Undamaged	
		m.12.00		Undamaged	
<u>Rifredi</u>	<u>Cascine Km.7+300</u>				
	Track	Km.4+485			
Km.6+136	4 Underpasses	Average m.5.25			Abutments complete
	1 Arch Bridge	m.8.00			Temp.S.Span-1 Track
Km.6+544	1 Arch Bridge	m.12.00			Abutments complete
					Temp.S.Span-1 Track
Km.6+718	1 Arch Bridge	m.10.00		Undamaged	for 1 track
<u>Cascine</u>	<u>S. Donnino Km.11.978</u>				
	Track	Km.4+598			
	4 Underpasses	Average m.3.65	1%	Unknown	Awaiting reinforcing steel
<u>S. Donnino</u>	<u>- Signa Km. 15+926</u>				
	Track	Km.3+947			
annucci	2 Underpasses	Average m.3.10	100%	Completed	(Second track 40%complete)
Km.15+620	Removal steel			Removed	
	Steel Span(Bisenzio)	m.30.80	100%	Completed	(Laying track)
	Abutments		100%	Completed	for 2 tracks

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line N° 219 Florence-Empoli-Pisa

State of work as at October 31, 1945

039

Job No.	Agency	Location	Description	Size	Progress	Est. date of completion	Remarks
	I.S.R. Parrini	Signa - Carmignano Km.19+138	Track	Km.3+212			
		Km.16+147	4 Underpasses	Average m.3.16	85%	Dec. 1/45	(Second Span removed)
			Steel span	m.8.40	30%	"	Abutments
	Poggi	Km.19+087	Removal steel			Removed	
	Poggi		Steel Span(Ombrone)	m.30.00	100%		Awaiting
	Parrini		Abutments		100%		2 track
		Carmignano - Montelupo Km.27+567	Track	Km.8+429			
	I.S.R. Parrini	19	6 Underpasses	Average m.3.25	80%	Dec. 1/45	(Second Span removed)
	Parrini	Km.19+500	Retaining wall	m.25.00			
	Ferrobeton	Km.22+149	5 Arch Bridge(Arno)	m.148.80			
		Montelupo-Empoli Km.33+787	Track	Km.6+220			
	I.S.R. Pardi	12	4 Culverts & passes	m.3.75 = 3.05	90%	Dec. 1/45	(Second Span removed)
	Poggi	Km.27+740	Removal steel			Removed	
	Poggi		Steel span(Pesa)	m.30.80	100%	Completed	(Rebuilt 2 track)
	Parrini		Abutments		100%	Removed	
	SACFEM	Km.30+247	Removal steel				
	SACFEM		Steel span(Rio Grande)	m.8.75			Steel
	Pardi		Abutments		100%	Removed	
		Km.32+007	Removal steel			Completed	1 track
	I.S.R.		Steel span(Orme)	m.13.10			placement ready
							2 track
	Pardi		Abutments		100%	Completed	

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Florence-Empoli-Pisa

State of work as at October 31, 1945

(2)

0393

Location	Description	Size	Progress	Est. date of completion	Remarks
<u>Signa - Carmignano Km. 19+138</u>					
Km. 16+147	Track	Km. 3+212			
	4 Underpasses	Average m. 3.16	85%	Dec. 1/45	(Second track 70% complete)
	Steel span	m. 8.40	30%	"	Span removed
Km. 19+087	Removal steel			Removed	Abut. undamaged
	Steel span (Ombrone)	m. 30.00	100%		Awaiting track material)
	Abutments		100%		2 tracks
<u>Carmignano - Montelupo Km. 27+567</u>					
Km. 19+500	Track	Km. 8+429			
	6 Underpasses	Average m. 2.85	80%	Dec. 1/45	(Second track 47% complete)
Km. 22+149	Retaining wall	m. 25.00			
	5 Arch Bridge (Arno)	m. 148.80			
<u>Montelupo-Empoli Km. 33+787</u>					
Km. 27+740	Track	Km. 6+220			
	4 Culverts & passes	m. 3.75 = 3.05	90%	Dec. 1/45	(Second track 3% complete)
	Removal steel			Removed	
	Steel span (Pesa)	m. 30.80	100%		(Rebuilding track)
	Abutments		100%	Completed	2 tracks
Km. 30+247	Removal steel			Removed	
	Steel span (Rio Grande)	m. 8.75			Steel span in Arezzo
	Abutments		100%		
Km. 32+087	Removal steel			Removed	
	Steel span (Orme)	m. 13.10		Completed	1 track other O.K. for placement. 2 new spans ready in Arezzo
	Abutments		100%	Completed	2 tracks

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line No 219 Florence-Empoli-Pisa

State of work as at October 31, 1945

Agency	Location	Description	Size	Pro- gress	Est. date of completion	
I.S.R. Pardi	Empoli - S. Miniato Km. 43+399	Track	Kn. 9+612			
	30 Km. 39+125	4 Underpasses Removal Steel Steel span (Elsa)	Average m. 1.84 m. 29.00	70%	Dec. 31/45 Removed	2 now at Cr
Pardi		Abutments		95%		2 Tra
I.S.R. Pardi	S. Miniato - S. Romano Km. 49+274	Track	Kn. 5+875			
	11 Km. 45+129	8 Underpasses Removal steel	Average m. 3.24	30%	Dec. 15/45 Removed	2 Spa
I.S.R. Pardi		Steel Span (S. Bartolomeo) m. 8.23 Abutments		15%	Dec. 1/45	
I.S.R. Pardi	S. Romano - La Rotta Km. 56+815	Track	Kn. 7+541			
	19 Km. 52+780	6 Culverts & Passes Removal Steel	Average m. 2.75	60%	Dec. 15/45 Removed	
Pardi		Steel Span (Cocinella) m. 22.50 Abutments		95%		(Await
I.S.R. Pardi	La Rotta - Pontedera Km. 61+426	Track	Kn. 4+611			
	Km. 60+499	3 Culverts & Passes Remove steel	Average m. 3.00	95%	Nov. 15/45 Removed	(Secor
Pardi		Steel Span Abutments	m. 29.10	100%	Completed	1 Spe can 1 tra

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RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

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9 Florence-Empoli-Pisa

State of work as at October 31, 1945

Location	Description	Size	Pro- gress	Est. date of completion	Remarks
Empoli - S. Miniato Km. 43+399	Track	Kn. 9+612			
30 Km. 39+125	4 Underpasses Removal Steel Steel span (Elsa)	Average m. 1.84 m. 29.00	70%	Dec. 31/45 Removed	2 new spans ready at Crona
	Abutments		95%		2 Tracks
S. Miniato - S. Romano Km. 49+274	Track	Kn. 5+875			
11 Km. 45+129	8 Underpasses Removal steel Steel Span (S. Bartolomeo) m. 8.23	Average m. 3.24 m. 8.23	30%	Dec. 15/45 Removed	2 spans ready in Mi
	Abutments		15%	Dec. 1/45	
S. Romano - La Rotta Km. 56+815	Track	Kn. 7+541			
19 Km. 52+780	6 Culverts & Passes Removal Steel Steel Span (Cocinella) m. 22.50	Average m. 2.75 m. 22.50	60%	Dec. 15/45 Removed	
	Abutments		95%		(Awaiting steel span)
La Rotta - Pontedera Km. 61+426	Track	Kn. 4+611			
Km. 60+499	3 Culverts & Passes Remove steel Steel Span	Average m. 3.00 m. 29.10	95%	Nov. 15/45 Removed	(Secons track 40% complete) 1 Span ready for 39+125 can be used here
	Abutments		100%	Completed	1 track

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 19 Florence-Empoli-Pisa

State of work as at October 31, 1945

Sub No.	Agency	Location	Description	Size	Pro- gress	Est. date of completion
	I.S.R. Pardi	Pontedera Km. 65+389	- Cascina Km. 68+315 Track 2 Arch Bridge	Km. 6+889 n. 18.00	40%	Dec. 1/45
	I.S.R.	Cascina - Pisa Km. 80+848	Track	Km. 12+533		

Note : Structures which do not show % completed are secure for winter for one track.

Edward Richard
Edward Richard
Chief Engineer

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

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19 Florence-Empoli-Pisa

State of work as at October 31, 1945

Location	Description	Size	Pro- gress	Est. date of completion	Remarks
Pontedera	Cascina Km. 68+315	Km. 6+889 m. 18.00	40%	Dec. 1/45	
Km. 65+389	Track 2 Arch Bridge				
Cascina - Pisa	Km. 80+848	Km. 12+533			
	Track				

Note : Structures which do not show % completed are secure for winter for one track.

Edward Richard
Edward Richard
Chief Engineer

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 19 Florence-Bologna-Pisa

State of works as at September 30, 1945

Agency	Location	Description	Size	Pro- gress	Est. date of completion	
I.S.R.	Florence	Km.0-Rifredi Km.2+895	Km.2+895			The und refer done is
		Track				
		8 Culverts & Passes	m.15.00		Undamaged	
	Km.0+486	2 Arch Bridge	m.15.00		Undamaged	
	Km.0+859	1 Arch Bridge	m.16.05		Slightly damaged	
	Km.1+079	3 Arch Bridge	m.14.00		Undamaged for 1 to	
	Km.1+661	1 Arch Bridge	m.12.00		Undamaged	
	Km.2+425	1 Arch Bridge			Undamaged	
I.S.R.	Rifredi	Cascine Km.7+380	Km.4+485			
		Track				
		4 Underpasses	Average m.5.25			
	Km.6+136	1 Arch Bridge	m.8.00			Abutment Temp. S.
Vannucci	Km.6+544	1 Arch Bridge	m.12.00			Abutment Temp. S.
Vannucci	Km.6+718	1 Arch Bridge	m.10.00		Undamaged for 1 to	
I.S.R.	Cascine	S. Donnino Km.11+978	Km.4+598			Reque round
	Parrini	Track				
		4 Underpasses	Average m.3.65	0%	Dec. 1/45	
I.S.R.	S. Donnino - Signa	Km. 15+926	Km.3+947			
		Track				
		2 Underpasses	Average m.3.10		75% Oct.15/45	
	Poggi	Removal steel			3% Removed	Prepa
	Poggi	Steel Span(Bisenzio)	m.30.80		Completed	new 1
Parrini		Abutments			Completed for 2 to	

RAILWAY CONSTRUCTION UNDER CONTROL OF MILITARY COMMISSION

499g

Florence-Rapoli-Fisa

State of works as at September 30, 1945

Agency	Location	Description	Size	Progress	Est. date of completion	Remarks
S.R.	Florence	Km.0-Rifredi Km.2+895	Km.2+895			The underlined figures refer to the part of work done in the second track.
	Km.0+486	Track			Undamaged	
	Km.0+359	8 Culverts & Passes	m.15.00		Undamaged	
	Km.1+079	2 Arch Bridge	m.15.00		Slightly damaged	
	Km.1+661	1 Arch Bridge	m.16.05		Undamaged for 1 track	
	Km.2+425	3 Arch Bridge	m.14.00		Undamaged	
		1 Arch Bridge	m.12.00		Undamaged	
S.R.	Rifredi	Cascine Km.7+380	Km.4+485			
	Km.6+136	Track	Average m.5.25			Abutments completed
	Km.6+544	4 Underpasses	m.8.00			Temp.S.Span-1 Track
	Km.6+718	1 Arch Bridge	m.12.00			Abutments completed
		1 Arch Bridge	m.10.00			Temp.S.Span-1 Track
S.R.	Cascine	S. Donnino Km.11.978	Km.4+598			Request has been made for round and laminated iron
		Track	Average m.3.65	0%	Dec. 1/45	
S.R.	S. Donnino	Sigma Km. 15+926	Km.3+947			
	Km.15+620	2 Underpasses	Average m.3.10	{ 75% Oct.15/45		Preparing track to run on the
		Removal steel		{ 3% Removed		new line about Oct.15th.
		Steel Span(Bisenzio)	m.30.80	- Completed		for 2 tracks
		Abutments		-		

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line N° 219 Florence-Empoli-Pisa

State of work as at September 30, 1945

Job No	Agency	Location	Description	Size	Progress	Est. date of completion	
	I.S.R. Parrini	Signa - Carmignano Km.19+138	Track	Km.3+212			
		Km.16+147	4 Underpasses	Average m.3.16	83%	Nov. 1/45	Spe
			Steel span	m.8.40			Abu
	Poggi	Km.19+087	Removal steel			Removed	Pre
	Poggi		Steel Span(Ombrone)	m.30.00	-	Completed	ney
	Parrini		Abutments		-	"	2
	I.S.R. Parrini	Carmignano - Montelupo Km.27+567	Track	Km.8+429			
		Km.19+500	4 Underpasses	Average m.3.86	65%	Nov. 1/45	Se
		Km.22+149	Retaining wall	m.25.00	4%	Completed	on
	Parrini		5 Arch Bridge(Arno)	m.148.80	-	"	
	Ferrobeton						
	I.S.R. Pardi	Montelupo-Empoli Km.33+787	Track	Km.6+220			
		Km.27+740	4 Culverts & passes	m.3.75 3.05	85%	Oct.15/45	TH
			Removal steel			Removed	on
	Poggi		Steel span(Pesa)	m.30.80	-	Completed	2
	Poggi		Abutments		-	Completed	
	Parrini	Km.30+247	Removal steel			Removed	
	SACEF		Steel span(Rio Grande)	m.8.75			
	SACEF		Abutments				
	Pardi	Km.32+087	Removal steel		80%	Oct.15/45	1
			Steel span(Orme)	m.13.10		Completed	pl
	I.S.R.						re
	Pardi		Abutments			Completed	2

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

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Florence-Empoli-Pisa

State of work as at September 30, 1945 (2)

Location	Description	Size	Progress	Est. date of completion	Remarks
Signa - Carmignano Km.19+138	Track	Km.3+212			
Km.16+147	4 Underpasses	Average m.3.16	83%	Nov. 1/45	Span removed
	Steel span	m.8.40			Abut.undamaged
Km.19+087	Removal steel			Removed	Preparing track to run the
	Steel Span(Onbrone)	m.30.00	-	Completed	new line on Nov.1st.
	Abutments		-	"	2 tracks
Carmignano - Montelupo Km.27+567	Track	Km.8+429			
Km.19+500	6 Underpasses	Average m.3.86	65%	Nov. 1/45	
Km.22+149	Retaining wall	m.25.00	4%	Completed	Service will be started
	5 Arch Bridge(Arno)	m.148.80	-	"	on Oct.2nd
Montelupo-Empoli Km.33+787	Track	Km.6+220			
Km.27+740	4 Culverts & passes	m.3.75 3.05	85%	Oct.15/45	The track will be ready
	Removal steel			Removed	on Nov.15th
	Steel span(Pesa)	m.30.80	-	Completed	2 tracks
	Abutments		-	Completed	
Km.30+247	Removal steel			Removed	
	Steel span(Rio Grande)	m.8.75			
	Abutments		80%	Oct.15/45	
Km.32+327	Removal steel			Removed	1 track other O.K.f.
	Steel span(Orme)	m.13.10		Completed	placement.2 new span
	Abutments			Completed	ready in Arezzo
					2 tracks

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line N°219 Florence-Empoli-Pisa

State of work as at September 30, 1945

Agency	Location	Description	Size	Pro- gress	Est. date of completion	
I.S.R. Pardi	Empoli - S. Miniato Km. 43+399	Track	Kn. 9+612			
	30 Km. 39+125	4 Underpasses Removal Steel Steel span (Elsa)	Average m. 2.44 ^{1.84} m. 29.00	45%	Nov. 1/45 Removed	
Pardi		Abutments		95%	They will be completed	2 new at Cro 2 Trac
I.S.R. Pardi	S. Miniato - S. Romano Km. 49+274	Track	Kn. 5+875			
	11 Km. 45+129	8 Underpasses & culv. Removal steel	Average m. 3.29 ^{3.29}	20%	Nov. 15/45 Removed	
I.S.R. Pardi		Steel Span (S. Bartolomeo) m. 8.23 Abutments		10%	Nov. 1/45	2 Span
I.S.R. Pardi	S. Romano - La Rotta Km. 56+815	Track	Kn. 7+541			
	19 Km. 52+780	5 Culverts & Passes Removal Steel	Average m. 3.22 ^{3.72}	50%	Nov. 1/45 Removed	
Pardi		Steel Span (Cocinella) m. 22.50 Abutments		40%	Nov. 1/45	
I.S.R. Pardi	La Rotta - Pontedera Km. 61+428	Track	Kn. 4+611			
	Km. 60+499	3 Culverts & Passes Remove steel	Average m. 3.00	{ 90% 30%	Nov. 1/45 Removed	
Pardi		Steel Span Abutments	m. 29.10	-	Completed	1 Span can be 1 trac

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

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Florence-Empoli-Pisa

State of work as at September 30, 1945

Location	Description	Size	Pro- gress	Est. date of completion	Remarks
Empoli - S. Miniato Kn. 43+399	Track	Kn. 9+612			
Kn. 39+125 30	4 Underpasses Removal Steel Steel span (Elsa)	Average n. 1.84 m. 29.00	45%	Nov. 1/45 Removed	2 new spans ready at Crona
	Abutments		95%	completed	2 Tracks
S. Miniato - S. Romano Kn. 49+274	Track	Kn. 5+875			after the removal of the present spans
Kn. 45+129 11	8 Underpasses & culv. Removal steel Steel Span (S. Bartolomeo) n. 8.23	Average n. 3.26	20%	Nov. 15/45 Removed	2 Spans ready in Mi
	Abutments		10%	Nov. 1/45	
S. Romano - La Rotta Kn. 56+815	Track	Kn. 7+541			
Kn. 52+780 19	6 Culverts & Passes Removal Steel Steel Span (Cocinella) n. 22.50	Average n. 2.72	50%	Nov. 1/45 Removed	
	Abutments		40%	Nov. 1/45	
La Rotta - Pontedera Kn. 61+426	Track	Kn. 4+611			
Kn. 60+499	3 Culverts & Passes Removal steel Steel Span	Average n. 7.00	(90% 30%	Nov. 1/45 Removed	1 Span ready for 39+125 can be used here
	Abutments	n. 29.10	-	Completed	1 track

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line N°219 Florence-Empoli-Pisa

State of work as at September 30, 1945

Agency	Location	Description	Size	Pro- gress	Est. date of completion
I.S.R. Pardi	Pontedera - Cascina Km. 68+315 Km. 65+389	Track 2 Arch Bridge	Km. 6+889 n. 18.00	35%	Nov. 15/45
I.S.R.	Cascina - Pisa Km. 80+848	Track	Km. 12+533		

Note: Structures which do not show % completed are secured for the winter for one track.
All work for one track unless otherwise stated.



EDWARD RICHARD
CIVIL ENGINEER

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RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

19 Florence-Empoli-Pisa

State of work as at September 30, 1945

	Location	Description	Size	Pro- gress	Est. date of completion	Remarks
	Pontedera	Cascina Km. 68+315				
		Track	Km. 6+889			
	Km. 65+389	2 Arch Bridge	n. 18.00	35%	Nov. 15/45	
	Cascina - Pisa	Km. 80+848				
		Track	Km. 12+533			

: Structures which do not show % completed are secured
for the winter for one track.
All work for one track unless otherwise stated.



EDWARD RICHARD
CIVIL ENGINEER

RAILWAY CONSTRUCTION UNDER CONTROL OF A.I.D. COMMISSION

Line No. 10 Florence-Rapoli-Tisa

State of works as at August 31, 1945

Agency	Location	Description	Size	Progress	Est. date of completion	
I.S.R.	Florence	Km.0-Rifredi Km.2+895	Km.2+895			
		Track			Undamaged	
		8 Culverts & Passes	m.15.00		Undamaged	
	Km.0+486	2 Arch Bridge	m.15.00		Slightly damaged	
	Km.0+859	1 Arch Bridge	m.16.05		Undamaged for	
	Km.1+079	3 Arch Bridge	m.14.00		Undamaged	
	Km.1+661	1 Arch Bridge	m.12.00		Undamaged	
	Km.2+425	1 Arch Bridge				
I.S.R. Vannucci Vannucci ---	Rifredi	Cascine Km.7+380	Km.4+485			
		Track	Average m.5.25			
	Km.6+136	4 Underpasses	m.8.00			
		1 Arch Bridge				
	Km.6+544	1 Arch Bridge	m.12.00			
	Km.6+718	1 Arch Bridge	m.10.00		Undamaged for	
I.S.R. Parrini	Cascine	S. Donnino Km.11.978	Km.4+598			
		Track	Average m.3.65	0%	Oct. 15/45	
		4 Underpasses				
I.S.R. Parrini-Vannucci Poggi Poggi Parrini	S. Donnino	Signa Km. 15+926	Km.3+947			
		Track	Average m.3.10	57%	Oct. 1/45	
		2 Underpasses			Removed	
	Km.15+620	Removal steel			Completed	
		Steel Span(Bisenzio)	m.30.80	100%	Completed for	
		Abutments				

RAILWAY CONSTRUCTION OF UNDER CONTROL OF A.I.D. COMMISSION

Florence-Tripoli-Fisa

State of works as at August 31, 1945

	Location	Description	Size	Progress	Est. date of completion	Remarks
	<u>Florence</u>	<u>Km.0-Rifredi Km.2+895</u>				
		Track	Km.2+895			
		8 Culverts & Passes	Average m.1.00			
	Km.0+486	2 Arch Bridge	m.15.00			Undamaged
	Km.0+859	1 Arch Bridge	m.15.00			Undamaged
	Km.1+079	3 Arch Bridge	m.16.05			Slightly damaged
	Km.1+661	1 Arch Bridge	m.14.00			Undamaged for 1 track
	Km.2+425	1 Arch Bridge	m.12.00			Undamaged
	<u>Rifredi</u>	<u>Cascine Km.7+300</u>				
		Track	Km.4+485			
		4 Underpasses	Average m.5.25			
	Km.6+136	1 Arch Bridge	m.8.00			Temporarily repaired
	Km.6+544	1 Arch Bridge	m.12.00			Abutments completed
	Km.6+718	1 Arch Bridge	m.10.00			Temp.S.Span-1 Track
	<u>Cascine</u>	<u>S. Donnino Km.11.978</u>				
		Track	Km.4+598			
		4 Underpasses	Average m.3.65	0%	Oct. 15/45	
	<u>S. Donnino</u>	<u>- Signa Km. 15+926</u>				
		Track	Km.3+947			
		2 Underpasses	Average m.3.10	57%	Oct. 1/45	
	Km.15+620	Removal steel			Removed	
		Steel Span(Bisenzio)	m.30.80	100%	Completed	
		Abutments			Completed for 2 tracks	

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line N° 219 Florence-Empoli-Pisa

State of work as at August 31, 1945

2293

Job No	Agency	Location	Description	Size	Progress	Est. date of completion	Remarks
	I.S.R. Parrini	Signa - Carmignano Km.19+138	Track	Km.3+212			
		Km.16+147	4 Underpasses	Average m.3.16	23%	Oct. 1/45	Span removed
	Poggi	Km.19+087	Steel span	m.8.40	(made a fill)	Removed	Abut. under
	Poggi Parrini		(Road underpass)				
			Removal steel		80%	Oct. 1/45	1 track
			Steel Span (Ombrone)	m.30.00	75%	Oct. 1/45	2 tracks
			Abutments				
	I.S.R. Parrini	Carmignano - Montelupo Km.27+567	Track	Km.8+429			
		Km.19+500	6 Underpasses & culverts	Average m.3.55	17%	Oct. 1/45	
	Parrini	Km.22+149	Retaining wall	m.25.00	100%	Completed	
	Ferrobeton		5 Arch Bridge (Arno)	m.148.80	100%	Completed	(track 1)
	I.S.R. Pardi	Montelupo-Empoli Km.33+787	Track	Km.5+220			
	Poggi	Km.27+740	4 Culverts & passes	m.3.76	8%	Oct. 1/45	
	Poggi		Removal steel			Removed	
	Parrini		Steel span (Pesa)	m.30.80	85%	Sept. 15/45	
	SACFEM	Km.30+247	Abutments		100%	Completed	2 tracks
	SACFEM		Removal steel			Removed	
	Pardi		Steel span (Rio Grande)	m.8.75			2 new op
		Km.32+337	Abutments		50%	Oct. 1/45	
			Removal steel			Removed	
	I.S.R.		Steel span (Orme)	m.13.10		Completed	1 track placement ready in
							2 tracks
	Pardi		Abutments			Completed	

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION
 Florence-Empoli-Pisa State of work as at August 31, 1945 (2)

Location	Description	Size	Progress	Est. date of completion	Remarks
Signa - Carmignano Km. 19+138	Track	Km. 3+212			
Km. 16+147	4 Underpasses	Average m. 3.16	29%	Oct. 1/45	Span removed
	Steel span	m. 8.40	(made a fill)	Removed	Abut. undamaged
Km. 19+087	Removal steel		80%	Oct. 1/45	1 track
	Steel Span (Ombrone)	m. 30.00	75%	Oct. 1/45	2 tracks
	Abutments				
Carmignano - Montelupo Km. 27+567	Track	Km. 8+429			
Km. 19+500	6 Underpasses & culverts	Average m. 3.55	17%	Oct. 1/45	
Km. 22+149	Retaining wall	m. 25.00	100%	Completed	(track to be moved)
	5 Arch Bridge (Arno)	m. 148.80	100%	Completed	
Montelupo - Empoli Km. 33+787	Track	Km. 5+220			
Km. 27+740	4 Culverts & passes	m. 3.76	8%	Oct. 1/45	
	Removal steel			Removed	
	Steel span (Pesa)	m. 30.80	85%	Sept. 15/45	2 tracks
	Abutments		100%	Completed	
Km. 30+247	Removal steel		-	Removed	
	Steel span (Rio Grande)	m. 8.75			2 new spans ready at Arezzo
Km. 32+827	Abutments		50%	Oct. 1/45	
	Removal steel		-	Removed	
	Steel span (Orme)	m. 13.10	-	Completed	1 track other O.K. for placement. 2 new spans ready in Arezzo
	Abutments		-	Completed	2 tracks

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line N°219 Florence-Empoli-Pisa

State of work as at August 31, 1945

Agency	Location	Description	Size	Pro- gress	Est. date of completion	Re
I.S.R. Pardi	Empoli - S. Miniato Km. 43+399	Track	Km. 9+612			
	30	4 Underpasses & culverts	Average m. 3.77	12%	Oct. 1/45	
	Km. 39+125	Removal Steel			Removed	
		Steel span (Elsa)	m. 29.00			2 new spans at Grosseto
Pardi		Abutments		90%	Sept. 15/45	2 Tracks
I.S.R. Pardi	S. Miniato - S. Romano Km. 49+274	Track	Km. 5+875			
	11	5 Underpasses & culverts	Average m. 3.69	15%	Oct. 1/45	
	Km. 45+129	Removal steel		-	Removed	2 Spans
I.S.R. Pardi		Steel Span (S. Bartolomeo)	m. 8.23	0%	Oct. 1/45	Contract
		Abutments				
I.S.R. Pardi	S. Romano - La Rotta Km. 56+815	Track	Km. 7+541			
	19	5 Culverts & Passes	Average m. 4.14	7%	Oct. 1/45	
	Km. 52+780	Removal Steel		-	Removed	
		Steel Span (Cecina)	m. 22.50	10%	Oct. 1/45	MRS required
Pardi		Abutments				
I.S.R. Pardi	La Rotta - Pontedera Km. 61+426	Track	Km. 4+611			
		3 Culverts & Passes	Average m. 3.00	70%	Oct. 1/45	
	Km. 60+499	Remove steel			Removed	1 Span can be
		Steel Span	m. 29.10			1 track
Pardi		Abutments			Completed	

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

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Florence-Empoli-Pisa

State of work as at August 31, 1945

Location	Description	Size	Pro- gress	Est. date of completion	Remarks
Empoli - S. Miniato Km. 43+399	Track	Kn. 9+612			
30 Km. 39+125	4 Underpasses & culv. Removal Steel Steel span (Elsa)	Average m. 3.77 m. 29.00	12%	Oct. 1/45 Removed	2 new spans ready at Crema
	Abutments		90%	Sept. 15/45	2 Tracks
S. Miniato - S. Romano Km. 49+274	Track	Kn. 5+875			
11 Km. 45+129	8 Underpasses & culv. Removal steel Steel Span (S. Bartolomeo)	Average m. 3.69 n. 8.23	15% -	Oct. 1/45 Removed	2 Spans ready in Milan
	Abutments		0%	Oct. 1/45	Contractor starting work
S. Romano - La Rotta Km. 56+815	Track	Kn. 7+541			
19 Km. 52+780	5 Culverts & Passes Removal Steel Steel Span (Cocinella)	Average m. 4.14 n. 22.50	7% -	Oct. 1/45 Removed	MRS requisitioning new spans at Milan
	Abutments		10%	Oct. 1/45	
La Rotta - Pontedera Km. 61+426	Track	Kn. 4+611			
Km. 60+499	3 Culverts & Passes Remove steel Steel Span	Average m. 3.00 n. 29.10	70%	Oct. 1/45 Removed	1 Span ready for 39+125 Km. can be used here
	Abutments			Completed	1 track

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Line N°219 Florence-Empoli-Pisa

State of work as at August 31, 1945

Agency	Location	Description	Size	Pro- gress	Est. date of completion
I.S.R. Pardi	Pontedera - Cascina Km. 68+315 Km. 65+389	Track 2 Arch Bridge	Km. 6+889 m. 18.00	15%	Nov. 15/45
I.S.R.	Cascina - Pisa Km. 80+848	Track	Km. 12+533		

Note : Structures which do not show % completed are secured the winter for one track.
All work for one track unless otherwise stated.

Edward Richard
Edward Richard, C.
AC/Tn/RAILS / FL

RAILWAY CONSTRUCTION WORK UNDER CONTROL OF ALLIED COMMISSION

Florence-Empoli-PisaState of work as at August 31, 19450299
(4)

Location	Description	Size	Pro- gress	Est. date of completion	Remarks
Pontedera - Cascina Km. 68+315	Track	Km. 6+889	15%	Nov. 15/45	
Km. 65+389	2 Arch Bridge	n. 18.00			
Cascina - Pisa Km. 80+848	Track	Km. 12+533			

Note : Structures which do not show % completed are secure for the winter for one track.
All work for one track unless otherwise stated.

Edward Richard
Edward Richard, Chief Engr.
AC/Tn/RAILS / FLORENCE

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

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Line No. 219 Florence - Empoli - Pisa

State of works a

All refer

Job.No	Agency	Location	Description	Size	Progress	Est. com.
1	I.S.R.	Via Pistoiese Florence	Abutments, span	m. 13.00	Complete	
	I.S.R.	Km. 6 + 150	Abutments, span	" 8.00	"	
	I.S.R. I.S.R.	Florence-Cascine Route 66-6+514 6+544	(7+380). Track Span, Abutments ditto	7+380 8.00 12.00	"	
	Contractors I.S.R. Vannucci PARRINI Vannucci " "	Cascine-S. Donnino 7+693 - 8+433 10+134 11+955	(11+973). Track Four occupation roads	4+598 3 underpasses 1 underpass	" 0% 30%	Sept Aug.
	Contractors I.S.R. Vannucci Vannucci I.S.R. & M.R.S. Contr. Poggi Parrini Poggi	S. Donnino-Siena 11+642 - 14+738 16+147 15+620	(16+203). Track Two occupation roads Main road + Bisenzio Bridge Abutments rebuilding Take out steel	4+225 3.00 8.50 30.80	0%-1 track-70 0% made 80%-1 track 100%-2 " 100%	

Sheet No. 1.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

6799

Florence - Empoli - Pisa

State of works as at July 28, 1945

All refers to Single Track

Location	Description	Size	Progress	Est. date of completion	Remarks
Via Pistoiese Florence	Abutments, span	m. 13.00	Complete		One temporary track
Km. 6 + 150	Abutments, span	" 8.00	"		"
Florence-Cascina Route 66-6+514 6+544	(7+380). Track Span, Abutments ditto	7+380 8.00 12.00	"		"
Cascina-S. Donnino 7+693 - 8+433 10+134 11+955	(11+973). Track Four occupation roads	4+598 3 underpasses 1 underpass	" 0% 30%	Sept. 1, 1945 Aug. 15, 1945	2 tracks reconstructed
S. Donnino-Signa 10+642 - 14+738 16+147 15+620	(16+203). Track Two occupation roads Main road + Bisenzio Bridge Abutments rebuilding Take out steel	4+225 3.00 8.50 30.80	0%-1 track-100% 0% 80%-1 track- 100%-2 100%	Sept. 1, 1945 Made grade crossing waiting span Aug. 15, 1945	

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Empoli - Pisa

Job No.	Agency	Location	Description	Size	Progress	Est. Date of completion
	I.S.R. & M.R.S. Contractor Parrini	Signa-Montelupo	(27+572). Track Nineteen occupation roads Thirteen culverts	1 Underpass 2 " 2 Culverts 7 " 7 " 10 " 7 "	100% 65% 15% 0%	Oct. 15, 1945
	Poggi Parrini Poggi	19+087	OMBONE Edge Steel Span Abutments to be rebuilt Remove steel		60% 40% 100%	Sept. 1, 1945
	Ferrobeton	22+145	ALHO Edge abutments piers 2 Piers XXXXXX Archos		35% 100% 40%	Sept. 1, 1945
	Parrini	23+ 29+5	UCB near temporary Large bomb crater, river retaining wall.	0.25 Km.	0%	
	I.S.R. & M.R.S. Pardi Pardi	Montelupo-Empoli	(33+929). Track (Five occupation roads (Eleven culverts	Underpasses 5 Culverts 2 "	0% 55% 2%	Sept. 15, 1945 Aug. 15, 1945 Sept. 1, 1945
	Contr. Poggi " Parrini	27+740	FESA Edge Steel Span Clear steel Both abutments Scour holes		65% 100% 50% 100%	Sept. 1, 1945
	Contr. Pardi	30+247	Rio Grande River Over canal steel Abutments		0%	Sept. 1, 1945

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Sheet No. 2.

Line No. 219 Florence - Empoli - Pisa

State of works as at

Location	Description	Size	Progress	Est. Date of completion	Remarks
Siene-Montelupo	(27+572). Track	1 Underpass	100%		
	Nineteen occupation roads	2 " 2 Culverts	65%	Oct. 15, 1945	1 track
	Thirteen culverts	7 " 7 "	15%		"
		10 " 7 "	0%		"
19+087	OMBRONE Edge Steel Span		60%	Sept. 1, 1945	"
	Abutments to be rebuilt		40%		2 Tracks
	Remove steel		100%		
22+115	OMBO Edge 4 Piers		35%	Sept. 1, 1945	1 track
2 Pours	XXXXX arches		100%		"
23+	VCB span temporary		40%		"
19+5	Large bomb crater. river retaining wall.	0.25 Km.	0%		
Montelupo-Empoli	(33+92). Track	Underpasses	0%	Sept. 15, 1945	"
	(Five occupation roads	5 Culverts	55%	Aug. 15, 1945	"
	(Eleven culverts	2 "	25%	Sept. 1, 1945	"
27+740	OMSA Edge Steel Span		65%	Sept. 1, 1945	"
	Clear steel		100%		
	Both abutments		50%		2 tracks
	Scour holes		100%		
30+247	Rio Grande River		0%	Sept. 1, 1945	2 tracks
	Over canal steel				
	Abutments				

RAILWAY CONSTRUCTION CONTROL BOARD UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Napoli - Pisa

State of

Job No.	Agency	Location	Description	Size	Progress	Est. Date of completion
	Contr. Vasnucci	32+337	ONE Bdg Steel Clear at 1 West abutment Rebuild East abutment Repair		100%	
	U.S.S. & I.S.S. Contr. Pardi	<u>Epoli-S. Miniato</u>	(43+422) Track Twenty culverts Eight underpasses	2 Culverts 6 " 3 Underpasses	100% 10% 10%	Oct. 15, 1945
	U.S.S.	Km. 39+13	USA Bdg span Abutments Take out steel.		0% 50% 100%	Aug. 15, 1945
	U.S.S. & I.S.S. Contr. Pardi	<u>S. Miniato -</u> <u>S. Romano</u>	(49+274). Track Three culverts Eight underpasses Abutments and span	2 Culverts 1 "	80% 25% 0%	Sept. 1, 1945 " " Steel
	U.S.S. & I.S.S. Contr. Pardi	<u>S. Romano-La Notta</u>	(56+974). Track Fifteen culverts Four underpasses Valls and girder, span - ditto - Cocin lla span Take out steel Abutments Abutments and span	1 Culvert 4 " 3 Underpasses	100% 65% 11% 10% 10% 0% 100% 2% 0%	Sept. 1, 1945 Sept. 1, 1945 " 15 "

Sheet No. 3.

RAILWAY CONSTRUCTION CONTRACTS ONK UNDER CONTROL OF ALLIED COMMISSION

No. 219 Florence - Empoli - Pisa

State of Works as at

Location	Description	Size	Progress	Est. Date of completion	Remarks
324837	ONE Edge Steel Clear etc 1 East abutment Rebuild East abutment Repair		100%		2 tracks
Empoli-3. Ministo	(43+422) Track Twenty culverts Eight underpasses	2 Culverts 6 " 3 Underpasses	100% 10% 10%	Oct. 15, 1945	1 track
Km. 49+13	ILSA Ed. span Abutments Take out steel.		0% 50% 100%	Aug. 15, 1945	Not ordered 2 tracks
S. Ministo - S. Romano	(9+274). Track Three culverts Eight underpasses Abutments and span	2 Culverts 1 " 1 "	80% 25% 0%	Sept. 1, 1945 "	1 track "
43+149 2					Steel removed-New span-2 track ordered
S. Romano-In Rotta	(56+974). Track Fifteen culverts Four underpasses Talis and girder, span - ditto - Span ILA span Take out steel Abutments Abutments and span	1 Culvert 4 " 3 Underpasses	100% 65% 11% 10% 10% 0% 100% 2% 0%	Sept. 1, 1945 Sept. 1, 1945 " 15 "	1 track ordered 2 tracks
51+34 51+79 52+79					
54+29					

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

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

State of Works

Line No. 249 Florence - Empoli - Fiesca.

Job No.	Agency	Location	Description	Size	Progress	Est. date of completion
	M.R.S. & I.S.R.	La. Rotta- Pontedera	(40+60). Track Five culverts One underpass	1 Culvert 2 " 3 Underpass	100% 100% 30%	Sept. 1, 1945
	Contr. Pardi	60+50	250 Bld. span Take out steel Abutments		100% 72%	Sept. 1, 1945
	M.R.S. & I.S.R.	Pontedera- Cascina	(70+308). Track NIE culverts Stream arch		100% 15%	Nov. 2, 1945
	Contr. Pardi	Autona Cassiano Fiesca XXXXXX	" ") " ") X X)			
	M.R.S. & I.S.R.	Casini - S. Prignano	(70+671). Track			

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Sheet No 4.

Lucca - Empoli - Pisa.

State of Works as at

Location	Description	Size	Progress	Est. date of completion	Remarks
Lucca - Portoferraio	(40+50) Track	1 Culvert	100%	Sept. 1, 1945	2 Tracks
	Five culverts	2 "	100%		1 "
	On. underpass	3 Underpasses	30%		1 "
Lucca - Portoferraio	SEA Bldg open			Sept. 1, 1945	Ordered 1 truck
	Take out steel Abutments		100% 75%		1 track
Lucca - Cascina Lucca Cascina Cascina	(70+308). Track			Nov. 1, 1945	2 tracks
	NIL culverts				1 "
	6 truss arch)		100%		
	" ")		15%		
Lucca - Pradivano	(70+371). Track				

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Empoli - Pisa

State of work

Cover

Job.No	Agency	Location	Description	Size	Progress	E
	I.S.R.	Via Fiolese Florence	Abutments, span	m. 13.00	complete	
	I.S.R.	En. 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. 7.30 m. 8.00 m. 12.00	complete 30%	
	Contractors I.S.R. Vannucci Vannucci	Cascine-S.Donnino 7+693 - 8+433 10+134 11+955	(11+978). Track Four occupation roads	km. 4.538	complete 30%	
	Contractors I.S.R. Vannucci I.S.R. & M.R.S. Centr. Poggi	S.Donnino-Sign. 13+642 - 14+738 16+147 15+620	(16+203). Track Two occupation roads Main road + Bisenzio Bridge Abutments rebuilding Take out steel	km. 4.325 m. 3.00 m. 8.50 m. 38.00	complete 100% 50%	
	PARTINI		Reconstruction of the interpass: En. 13-642		30%	

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Sheet No. 1.

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C

State of works as at

27.6.45

- Empoli - Pisa

~~All refers to Single Track~~
Covers second track

Location	Description	Size	Progress	Est. date of completion	Remarks
					one temporary track
La Pistoiese Florence	Abutments, span	m. 13.00	complete	-	
m. 6 + 150	Abutments, span	m. 8.00	complete	-	ditto
Florence-Cascine Route 66-6+514 6+544	(7+380). Track Span, Abutments ditto	m. 7.30 } m. 8.00 } m. 12.00 }	complete 30%	30 August/45	
Cascine-S. Dominico 7+693 - 8+433 10+134 11+955	(11+978). Track Four occupation roads	m. 4-535	complete 30%	30 Sept/1945 ditto	Second Track
S. Dominico-S. Maria 13+642 - 14+738 16+147 15+620	(16+203). Track Two occupation roads Main road + Bisenzio Bridge Abutments rebuilding Take out steel	m. 4-225 m. 3.00 m. 8.50 m. 33.50 - -	complete 100% 50% 3%	Nov/1945	recovering of the span reconstr. of b the span & re- building of the abutments of the Bisenzio Demolition of the damaged masonry.
	Reconstruction of the waterpass: Km. 13-642				

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Empoli - Pisa

Job No.	Agency	Location	Description	Size	Progress	Est. Date of completion
	I.S.R. & M.R.S. Contractor Parrini	<u>Sigma-Montelupo</u>	(27+572). Track Nineteen occupation roads Thirteen culverts	11642 m. 3.00 m. 2.00	10%	Nov/1945
	Foggi	19+087	OVERBOWE Edge Abutments to be rebuilt Remove steel		100% 30%	- Nov/1945
	Ferrobeton	22+145	ANNO Edge-Abutments, piers 5 show - arches UCB span temporary	m. 23.75	20%	Nov/1945 for one track
	Parrini	19+5	Large bomb crater. River retaining wall.	Rebuilt 0.25 m.	5%	Contractor to complete
	I.S.R. & M.R.S.	<u>Montelupo-Empoli</u>	(33+929). Track (Five occupation roads (Eleven culverts)	6320 Average m. 3.00		
	Contr. Foggi	27+740	PESI Edge Clear steel 38th abutments Scour holes	m. 30.80	100% 100% 60%	Must be done Oct/45
	Contr. Ferdi	30+247	Over canal steel++ Abutments ++ Not commenced.	m. 8.75	100% 10%	
	Parrini	27+740	Pipe bridge		10%	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Sheet No. 2.

219 Florence - Napoli - Pisa

State of works as at 27/6/45

Location	Description	Size	Progress	Est. Date of completion	Remarks
1312-Montelupo	(27+572). Track Nineteen occupation roads Thirteen culverts	11642 m. 3.00 m. 2.00	10%	Nov/1945	Reconstruction of 5 small bridges
19+037	OVERBONE Bdg Abutments to be rebuilt Remove steel		100% 30%	- Nov/1945	Recovering of the span Reconstruction of "
22+145	ARNO Bdg-Abutments, piers 5 show - broken UCB span temporary	m. 23.75	20%	Nov/1945 for one track	Commenced reconstruction of the arches with concrete. Built all the track.
23+					
15+5	Large bomb crater. River retaining wall.	Rebuilt 0.25 km.	30%	Contractor told to complete	Almost complete no men at work.
Montelupo-Napoli	(33+924). Track (Five occupation roads (Eleven culverts	6320 Average m. 3.00			
27+740	FESA Bdg Clear steel Both abutments Secure holes	m. 30.00	100% 100% 60%	Must be done before Oct/45 11800h	Recovering of spans reconstruction of the span. Not touched.
30+247	Over canal steel** Abutments ** Not commenced.	m. 11.75	100% 10%		1 bridge, 1 underpass complete Reconstruction of 5 works.
27+740	Pisa bridge		10%		Building of the side Florence to lay the new span.

RAILWAY CONSTRUCTION CONTRACT OWN UPON CONTRACTOR RAILWAY COMMISSION

Line No. 219 Florence - Napoli - Pisa

State of

Job.No.	Agency	Location	Description	Size	Progress	Est.Date of completion
	Contr.Vannucci	32+337	ORME Bidge Steel Clear etc 1 West abutment Rebuild East abutment Repair	m. 13.10 -- -- --	750% 90% 90%	August/1945
	F.R.S. & I.S.R. Contr.Pardi	Napoli-Salerno	(43+422) Track Twenty culverts Eight underpasses	9+493/ m. 3.00 m. 3.00	80% Nil 20%	To suit bridge November/45
	Contr.Pardi.	Km. 39+13	ELSA Bidge span Abutments Take out steel.	m. 29.00 -- --	Nil 15% 25%	} November/45
	F.R.S. & I.S.R. Contr.Pardi	Salerno - S. Romano	(9+274). Track Three culverts Eight underpasses Abutments and span	5375 m. 3.00 m. 3.00 m. 8.23	5% 3%	to suit bidge co November/45
	F.R.S. & I.S.R. Contr.Pardi	Salerno-La Rotta	(56+974). Track Five town culverts Four underpasses Valls and girder, span - ditto - Gessin 112 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 bidges Nov/45 " " (steel out) Nov/45

Sheet No. 3.

RAILWAY CONSTRUCTION CONTRACT FOR THE CONSTRUCTION OF THE RAILWAY

State of Works as at 27/6/45

219 Florence - Empoli - Pisa

Location	Description	Size	Progress	Est. Date of completion	Remarks
837	Old Bridge Steel Clear steel East abutment Rebuild East abutment Repair	m. 13.10 --- --- ---	750% 90% 90%	August/1945	Taken out only
Empoli-Salimata	(15+422) Track Twenty culverts Eight underpasses	9+493/ m. 3.00 m. 3.00	80% Nil 20%	To suit bridge November/45	Two underpasses almost finished.
39+13	Old Bridge span Abutments Take out steel.	m. 29.00 --- ---	NIL 15% 25%	November/45	Reconstruction of the shoulder. Abutments.
Salimata - S. Romo	(9+274). Track Three culverts Eight underpasses Abutments and span	5875 m. 3.00 m. 3.00 m. 8.23	5% 3%	to suit bidge comp November/45	Reconstr. of a small bidge. Not commenced.
Salimata-Rotta	(56+974). Track Twenty culverts Four underpasses Talis and girder, span - ditto - Cabin 113 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 bidges 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.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Empoli - Pisa.

State of Work

Job No.	Agency	Location	Description	Size	Progress	Est. date of completion
	M.R.S. & L.S.R.	La Rotta- Pontedera	(50+60). Track Five culverts two underpass	3+626 m. 3.00 m. 5.88	20%	October/45
	Contr. Pardi	60+550	SEA Bdg span Take out steel Abutments	m. 29:10	100% 40%	September/45
	M.R.S. & L.S.R.	Pontedera- Cascina	(70+303). Track NIL culverts	Km. 9+708	Ready in time for bridges	
	Contr. Pardi	Auteno Anissano Anuccio	Stream arch) " ") " ")		100% 5% NIL	
	M.R.S. & L.S.R.	Cascina - S. Frediano	(70+571). Track	Km. 0+363	Complete	Second track
					N.B. Only single track west of this point Bridge over River at Pisa to be completed	

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Sheet No. 4.

Lucca - Empoli - Pisa.

State of Works as at 27/6/45

Location	Description	Size	Progress	Est. date of completion	Remarks
<u>Rotta-</u> <u>Pontedera</u>	(60+60). Track Five culverts two underpass	3+626 m. 3.00 m. 5.88	20%	October/45	Reconstruction of 5 small bridges and 2 underpasses
0+550	SEA Bridge span Take out steel Abutments	m. 29:10	100% 40%	September/45	Reconstruction of the second track abutments and wing walls
<u>Pontedera-</u> <u>Casale</u> <u>Steno</u> <u>Massone</u> <u>Maccio</u>	(70+308). Track NIL culverts Streams arch) " ") " ")	Km. 9+708	Ready in time for bridges 100% 5% NIL		Excavation for the reconstruction of the side of Pisa Not commenced.
<u>Empoli -</u> <u>S. Frediano</u>	(70+571). 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-

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Empoli - Pisa

State of works at

All refer
B/1 First Track Abutments and less wing wall

Job.No	Agency	Location	Description	Size	Progress	Est. cost
C/1101	I.S.R. Parrini	Via Fiesolese Florence	Abutments, span	m. 13.00	complete	
C/1102	I.S.R. Parrini	Km. 6 + 150	Abutments, span	m. 8.00	complete	
C/1103	I.S.R. Parrini	Florence-Cascine	(7+380). Track	Km. 7+380	80% re-	30
C/1104	I.S.R. ditto	Route 66-6+514	Span, Abutments	m. 8.00	cond track	
C/1105		6+544	ditto	m. 12.00		
C/1106	Contractors I.S.R.	Cascine-S. Donnino	(11+972). Track	Km. 4+598	complete	
C/1107	Vannucci	7+693 - 8+433	Four occupation roads			
C/1108	Vannucci	10+134				
C/1109	Vannucci	11+955				
C/1110	Contractors I.S.R.	S. Donnino-Sigma	(16+203). Track	Km. 4+225	reconstruction of 2 tracks	
C/1111	Vannucci	13+642 - 14+738	Two occupation roads	m. 3.00	Complete	++ No
C/1112	I.S.R. & M.R.S.	16+147	Main road Bridges	m. 3.50		
C/1113	Contr. Poggi	15+620	Bisenzio Bridge ++ Abutments rebuilding Take out steel	m. 38.00	2 spans recovered reconstruction of	

++ Also level crossing to be made here.

Sheet No. 1.

Rome File

Y CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

State of works as at 31 May 45

All refers to Single Track

Napoli - Pisa

All First Track Abutments and less wing wall complete.

Location	Description	Size	Progress	Est. date of completion	Remarks
Pistoiese Florence	Abutments, span	m. 13.00	complete	--	one temporary track.
6 + 150	Abutments, span	m. 8.00	complete	--	one temporary track.
Firenze-Casacine to 66-6+514 6+514	(7+380). Track Span, Abutments ditto	Km. 7+380 m. 8.00 m. 12.00	80% second track	30 August 45	
Casacine-S. Donmino +693 - 8+433 +134 +955	(11+978). Track Four occupation roads	Km. 4+308	complete		single track
Donmino-Siena +642 - 14+738 +147 +620	(16+203). Track Two occupation roads Main road + Bridges Bisenzio Bridge ++ Abutments rebuilding Take out steel	Km. 4+225 m. 3.00 m. 8.50 m. 31.90	Reconstruction of 2nd track not begun complete ++ November 45 2 spans recovered reconstruction of one span.		++ can erect one span then remove M.R.S. span.

++ Also level crossing to be made here.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Napoli - Pisa

Job No.	Agency	Location	Description	Size	Progress	Est. Date of completion
219 C/1114 O/219/1115 219/1116 219/1117	I.S.R. & M.R.S. Contractor Parrini Poggi	Sigat-Montelupo 19+687	(27+572). Track Nineteen occupation roads Thirteen culverts GMBONE Edge Abutments to be rebuilt Remove steel	Km. 11.369 A. 3.00 B. 2.00	Reconstr. of 2° Track not yet begun. Recovered a span 10%	Dec 45
219/1118	Ferrobeton	22+145	ARVO Edge-Abutments, pier 5 arches - Archon UCB span temporary	A. 29.75	Reconstr. of 2° a pier and sides 10%	Nov 45
219/1119	Parrini	19+5	Large bomb crater. River retaining wall.	A. build 0/25 Km.	Completed Top sections yet to be completed	30 June 45
219/1120	I.S.R. & M.R.S.	Montelupo-Napoli	(33+928). Track (Five occupation roads (Eleven culverts	Km. 6.337 Average A. 3.20	Reconstr. of 2° track not yet begun.	
219/1121	Contr. Poggi	27+740	FESA Edge Clear steel Both abutments Scour holes	A. 30/80	The spans re- covered-reconstr. begun. 50%	++ Nov 45
219/1122	Contr. Pardi	30+247	Over canal steel Abutments	A. 8.75	Not yet com- menced	

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Sheet No. 2.

No. 219 Florence - Empoli - Pisa

State of works as at 31 May 45

Location	Description	Size	Progress	Est. Date of completion	Remarks
<u>Si. mi - Montelupo</u>	(27+572). Track Nineteen occupation roads Thirteen culverts	Km. 11.369 Average m. 3.00 m. 2.00	Reconstr. of 2 nd Track not yet begun.		
19+087	OTBROBE Edge Abutments to be rebuilt Remove steel		Recovered a span 50%	Dec 45	
22+145	ARNO Edge - Abutments, piers 5 skew - arches	m. 29.75	Reconstr. of 2 nd a pier and abutment 10%	Nov 45	One half for single track
23+	PCB span temporary				
19+5	Large bomb crater. River retaining wall.	Rebuild m. 0/25 Km.	Completed Top sections yet to be completed	30 June 45	
<u>Montelupo - Empoli</u>	(33+921). Track (Five occupation roads (Eleven culverts)	Km. 6.337 Average m. 3.20	Reconstr. of 2 nd track not yet begun.		
21+740	FESA Edge Clear steel Both abutments Scour holes	m. 30/40	The spans re- covered - reconstr. begun. 50%	++ Nov 45	++ Reconditioned span for single track.
30+247	Over canal steel Abutments	m. 8.75	Not yet com- menced		

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Napoli - Pisa

Stato

Job.No.	Agency	Location	Description	Size	Progress	Est. Date of completion
AC/219/1123	Contr. Pucci Pardi	32+837	ORME Bldg Steel Clear etc 1 ++ West abutment Rebuild East abutment Repair	m. 13.10 --- ---	Complete 90% 90%	Aug. 45
AC/219/1124 AC/219/1125	U.S. & I.S.R. Contr. Pardi	Napoli-S. Minuto	(43+422) Track Twenty culverts Eight underpasses	km. 3.493 m. 3.00 m. 3.00	Track not yet begun. Nil	
AC/219/1126	---S. Pardi	km. 39+13	CELSA Bldg span Abutments Take out steel.	m. 29.00 --- ---	In early work for sides begun? 5%	Jan. 46
AC/219/1127 AC/219/1128	U.S. & I.S.R. Contr. Pardi	S. Minuto-S. S. Montano	(9+274). Track Three culverts Eight underpasses Abutments and span	km. 5.682 m. 3.00 m. 3.00 m. 6.23	Track not yet begun. Not yet commenced	Jan. 46
AC/219/1129 AC/219/1130	U.S. & I.S.R. Contr. Pardi	S. Montano-La Notta	(56+974). Track Fifteen culverts Four underpasses Valla and girder, span - ditto - Occin 11 span Take out steel Abutments Abutments and span	km. 7.700 m. 3.10 --- m. 4.70 m. 5.40 m. 22.50 --- m. 3.50	Track not yet commenced not yet begun excavations or recovery in the old foundations commenced.	Jan. 46 Jan. 46

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RAILWAY CONSTRUCTION CONTRACT ORK UNDER CONTROL OF ALLIED COMMISSION

Sheet N°3.

No. 219 Florence - Empoli - Pisa

State of Works as at 31 May 45

Location	Description	Size	Progress	Est. Date of completion	Remarks
32+337	ORMS Edge Steel Clearance 1' ++ West abutment Rebuild East abutment Repair	m. 13.10 — —	Complete 90% 90%	Aug. 45	++ steel taken out
Empoli-S. Miniato	(43+422) Track Twenty culverts Eight underpasses	km. 3.493 m. 3.00 m. 3.00	Track not yet begun. Nil		
Rm. 39+43	ILSA Edge span Abutments Take out steel.	m. 29.00 — —	Track not yet begun. 5%	Jan. 46	New steel span required.
S. Miniato-S. Romano 45+449	(49+274). Track Three culverts Eight underpasses Abutments and span	km. 5.432 m. 3.00 m. 3.00 m. 8.23	Track not yet begun. Not yet commenced.	Jan. 46	
S. Romano-La Botte 51+34 51+79 52+73 53+429	(56+974). Track Twenty culverts Four underpasses Valla and chord, span — ditto — Coarse 11' span Take out steel Abutments Abutments and span	km. 7.700 m. 3.10 — m. 4.70 m. 5.40 m. 22.30 — — m. 3.50	Track not yet commenced. not yet begun Excavations for recovering old foundations commenced.	Jan. 46 " Jan 46	

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Empoli - Pisa.

State of Work

Job.No.	Agency	Location	Description	Size	Progress	Est. date of completion
AC/219/1132	M.R.S. & I.S.R.	La Rotta- Pontedera	(60+60). Track Five culverts One underpass	Km. 3.026 m. 3.00 m. 5.85	Reconstruction of 2 ^o track not yet commenced. ditto	Jan. 46 ditto
AC/219/1132	Contr. Pardi	60950	SEA Bridge span Take out steel Abutments	m. 20.10	Discovered the foundations of the old bridge.	March 46
AC/219/1133	M.R.S. & I.S.R.	Pontedera- Cascina	(70+308). Track Five culverts	Km. 9.908	2 ^o track not yet commenced	
"219/1134	Contr. Pardi	Ruteno Anissano Linnacola	Stream arch) " ") " ")		complete Excavations for foundations.	Sept. 45 do.
"219/1135	M.R.S. & I.S.R.	Cascina - S. Frediano	(70+371). Track	Km. 0.363	2 ^o Track not yet begun.	
Single Track West to Pisa. No Rails over River at Pisa						

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Sheet N°4.

Florence - Empoli - Pisa.

State of Works as at 31 May 45

Location	Description	Size	Progress	Est. date of completion	Remarks
La Rotta- Pontedera	(50+50). Track Five culverts One underpass	Km. 3.825 m. 3.00 m. 5.85	Reconstruction of 2° track not yet commenced. ditto	Jan. 46 ditto	
56550	SEA Bays span Take out steel Abutments	m. 29.10	Discovered the foundations of the old sides.	March 46	New steel span required.
Pontedera- Cascina Mateno Amisano Arnasio	(70+308). Track NIL culverts Stream arch " " " "	Km. 9.700	2° track not yet commenced complete Excavations for foundations. do.	Sept. 45 do.	Small work to do.
Cascina - S. Frediano	(70+771). Track	Km. 0.363	2° Track not yet begun.		To be single track short of Rails.
Single Track West of this Point to Pisa. No Rails & Bridge over River at Pisa to be constructed.					

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Capoli - Pisa

State of works

wxwxwxwx
Refers to

Job. No.	Agency	Location	Description	Size	Progress	Notes
	I.S.R.	Via Fiesolese Florence	Abutments, span	m. 13.00	Complete	
	I.S.R.	Sta. 6 + 150	Abutments, span	m. 8.00	Complete	
	I.S.R. I.S.R.	Florence-Capoli Route 66-6+514 6+544	(7+380). Track Span, Abutments ditto	Km. 7+380) m. 8.00) m. 12.00)	Complete	
	Contractors I.S.R. Vannucci Vannucci	Capoli-S. Donato 7+693 - 8+433 10+134 wxwxwx	(11+978). Track Four occupation roads	Km. 4+598 ---	Complete 50% 50%	1 1
	Contractors I.S.R. Vannucci I.S.R. & M.R.S. Contr. Foggi	S. Donato-Siena 13+642 - 14+736 16+117 15+620	(15+203). Track Two occupation roads + wxwxwxwx Bridge Bisenzio Bridge Abutments rebuilding Take out steel	Km. 4+225 m. 3.00 m. 8.50 m. 38.80 --- ---	Complete 40% 35% - 45% 2%	1 Temp 1

+ Also level crossing to be made here.

Sheet No. 1.

2593

CONSTRUCTION CONTRACT BOX UNDER CONTROL OF ALLIED COMMISSION

State of works as at 27th April 1945

Single Track complete.
Refers to second track structures.

Napoli - Pizzo

Location	Description	Size	Progress	Est. date of completion	Remarks
	Abutments, span	m. 13.00	Complete	-	Single line Span only.
150	Abutments, span	m. 8.00	Complete	-	Single line Span only.
Line 3. Sarno 6526+514 64544	(7+380). Track Span, Abutments ditto	Km. 7+380) m. 8.00) m. 12.00)	Complete	-	Single line Span only.
Line 3. Dora 93 - 8+433 14 KW	(11+973). Track Four occupation roads	Km. 4+598 —	Complete 50% 50%	- 1st June 1st June	One track One refilled.
Line 3. Sarno 12 - 14+736 17 20	(16+203). Track Two occupation roads + WXWXWXWX Bridge Bisenzio Bridge Abutments rebuilding Take out steel	Km. 4+225 m. 3.00 m. 8.50 m. 38.80 — —	Complete 40% 35% — 45% 25%	- 1st June — Temp. M.R.S. span 10th June ?	Single track Abutments good Awaiting gas & plant to take out steel.

+ Also level crossing to be made here.

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Declassified E.O. 12356 Section 3.3/NND

No.

785021

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Lucca - Pisa

Refers to

Job No.	Agency	Location	Description	Size	Progress	Est. Date of completion
C	L.S.R. & XXXX Contractor Parrini	Signa-Montelupo	(27+572). Track Minotson occupation roads Tribuna culverts	Km. 11+369 m. 3.00 m. 2.00	Complete 25% 20%	30 July 30 July
	XXXX Vanucci Foggi	19+067	REMOVE Bridge Span Abutments to be rebuilt Remove steel	— — —	Complete 50% Mil.	30 June
	Teurobaten	22+345	REMOVE Bridge-Abutments, piers 5 draw - arches	m. 29.76	—	31st Dec.
		234	103 open temporary	—	Complete	—
	Parrini	25+5	Large bomb crater. River retaining wall.	Rebuild 0.25 Km.	Complete 80%	30 June
	L.S.R. & XXXX	Montelupo-Lucca	(33+92). Track (Pico occupation roads (Eleven culverts	Km. 6+357 Average m. 3.20	Complete	—
C	XXXXXXX Foggi Vanucci	21+740	REBL. bridge Clear steel Both abutments Scour holes	m. 30.80	5% 55% 15%	15 July
	Contr. Parrini	30+247	Over canal (steel rails) Abutments	m. 8.75 —	70%	1st June

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Sheet No. 2.

2599

219 Florence - Rapelli - Pisa

State of works as at 27 April 1945

Refers to second track structures.

Station	Description	Size	Progress	Est. Date of completion	Remarks
Montelupo	(27+572). Track	Km. 11+369	Complete	-----	Single track
	Nineteen occupation roads	m. 3.00	25%	30 July	---
	Twelve culverts	m. 2.00	20%	30 July	---
067	Span	---	Complete	30 June	M.R.S. span
	Substructure to be rebuilt	---	60%		Awaiting gas and plant
	Bridge over canal	---	Nil.		
845	Span	---	Complete	31st Dec. 45	Clearing debris and erecting plant. Took over site 20 March
	Substructure to be rebuilt	m. 29.76	Complete	-----	M.R.S.
	Bridge over canal	---	Complete	30 June	---
	Rebuild	0.25 Km.	80%		
Montelupo - Rapelli	(30+32). Track	Km. 6+357	Complete	-----	Single track
	Eight occupation roads	Average			
	Eleven culverts	m. 3.20			
770	Span	m. 30.80	5%	15 July.	Awaiting gas, plant etc. Some stone pitching to be done here.
	Substructure		55%		
	Both abutments		15%		
247	Over canal (steel rails)	m. 8.75	70%	1st June	Not yet, for second track.
	Substructure	---			

RAILWAY CONSTRUCTION CONTRACTS ARE UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Napoli - Pisa

Job No.	Agency	Location	Description	Size	Progress	Est. Date of completion
	Centr. Florence	32+397	Old 8000 Steel Clear at 1 not abutment rebuild not abutment repair	m. 13.10 — — —	2% 70% 70% }	? 30th Ma
	U.S. & I.S.A. Centr. Pisa	Napoli-3.4 mile	(36+422) Track Twenty culverts Flat roadway	Km. 9+493 m. 3.00 m. 3.00 }	Complete 25%	— 30th Ju
	U.S.	Km. 35+73	Old 8000 span abutments Take out steel	m. 29.00 — —	— 40% 1%	— 30th Ma ?
	U.S. & I.S.A. Centr. Pisa	3.4 mile - 3.4 mile	(9+274) Track Three culverts Flat roadway abutments and span	Km. 5+852 m. 3.00 m. 3.00 m. 8.23 }	Complete 35%	30th Ju
	U.S. & I.S.A. Centr. Pisa	3.4 mile - 3.4 mile	(56+974) Track Five culverts Four culverts Tie line and girder, span — ditto — Girder line span Take out steel abutments abutments and span	Km. 7+700 m. 3.10 — m. 4.70 m. 5.40 m. 22.50 — — m. 3.50	Complete 15% 25% 30% Complete Nil 55% 50%	15th Ju 30th Ju 30th Ma 30th Ma

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Sheet No. 3.

RHS BY CONSTRUCTION CONTRACT ONE UNDER CONTRACT OF ALLIED CORP. BOSTON

1799

219 Florence - Napoli - Pisa

State of Works as at 27 Apr. 45

Refers to second track structure

Location	Description	Size	Progress	Est. Date of completion	Remarks
24087	Onch Barge Steel Clear etc 1 Set buttment rebuild Test buttment repair	m. 13.10 — — —	2% 70% 70%)	? 30th May	Gas & plant required.
24088-24089	(13+122) Track To new culverts At 1st and 2nd spans	Km. 9+493 m. 3.00 m. 3.00)	Complete 25%	— 30th July	Single track.
m. 24093	5th Span open buttments Take out etc 1.	m. 29.00 — —	— 40% 1%	— 30th May ?	Short of gas etc.
24094 - 24095	(14+171) Track To new culverts To new buttments At 1st and 2nd spans	Km. 5+852 m. 3.00) m. 3.00) m. 8.23)	Complete 35%	— 30th June	Single track.
24096-24097	(15+974) Track To new culverts To new buttments	Km. 7+700 m. 3.10 —	Complete 15%	15th July	Single track
24098	Valle etc. etc. open	m. 4.70	25%	30th July	
24099	— ditto —	m. 5.40	30%		
24100	Onch 1st span Take out etc 1	m. 22.50 —	Complete Nil		M.R.S. single track
24101	buttments Take out etc 1 open	— m. 3.50	55% 50%	30th May 30th May	Span for single track only

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RAILWAY CONSTRUCTION CONTRACTS WORK UNDER CONTROL OF ALLIED COMMISSION

0599

State of Works

Line No. 219 Florence - Empoli - Pisa.

Refers to sec

Job No.	Agency	Location	Description	Size	Progress	Est. date of completion
	WXXXXXX I.S.I. Contr. Pardi	La Rotta - Fontanafredda	(50+60). Track Five culverts One underpass	Km. 3+626 m. 3.00) m. 5.85)	Relaid 60%	? 30 May
	Contr. Pardi	60+50	Two B&O open Take out steel Abutments	m. 29.10 — —	— Nil 60%	— ? 15 June
	WXWXWXX I.S.I. Contr. Pardi	Fontanafredda - S. Frediano Lugano Castellano A. S. 1000	(70+80). Track Five culverts Stream arch " " " "	Km. 9+708 — —) —) —)	Relaid — 55%	? — 15 June
	WXWXX I.S.I.	Cavina - S. Frediano	(80+90). Track	Km. 0+363	Single line open to Pisa and No report yet of contract for structures, between S. Frediano not much damage except	

1573

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Sheet No. 4.

0789

Reference - Empoli - Pisa.

State of Works as at 27th April 1945

Refers to second track structures.

Location	Description	Size	Progress	Estimate of completion	Remarks
Empoli - Pontelera	(80+60) Track Two culverts On and across	Km. 3+626 m. 3.00) m. 5.85)	Relaid 60%	? 30 May	Single track.
30.30	224 35 x span Take out steel Abutments	m. 29.10 — —	— Nil 60%	— ? 15 June	MRS single track span Awaiting gas and plant.
Empoli - Sesto	(70+80) Track Two culverts On and across	Km. 9+708 — —)	Relaid — 55%	? — 15 June	Single track.
Empoli - S. Frediano	(70+80) Track	Km. 0+363	Single line open to Pisa and to Pisa P.M. No report yet of contract for the second track structures, between S. Frediano and Pisa P.M. <i>not much damage except in Pisa Area.</i>		

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

689g

Line No. 219 Florence - Empoli - Pisa

State of works 3

All refer

Conjoint work M.R.S., I.S.R. and Contractors

Job. No	Agency	Location	Description	Size	Progress	Est. comp.
	I.S.R.	Via Pirotelese 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	Relaid Complete Complete	
	Contractors I.S.R. Vannucci Vannucci	Cascine-S. Donato 7+693 - 8+433 10+134 11+955	(11+978). Track Four occupation roads	Km. 4 + 598 — —	Relaid Complete Complete	
	Contractors I.S.R. Vannucci I.S.R. & M.R.S. Contr. Fogai	S. Donato-S. Gim. 13+642 - 14+738 16+117 15+620	(16+203). Track Two occupation roads + Main road + Bicenzio Bridge Abutments rebuilding Take out steel	Km. 4 + 225 m. 3.00 m. 8.50 m. 25.60 — —	Relaid Complete Complete Complete	

+ Also level crossing to be made here.

Sheet No. 1.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

689g

Napoli - Pisa

State of works as at 29th March 1945

All refers to Single Track

Conjoint work M.R.S., I.S.R. and Contractors

Location	Description	Size	Progress	Est. date of completion	Remarks
in Pistoiese Florence	Abutments, open	m. 13.00	Complete	---	---
Km. 6 + 150	Abutments, open	m. 8.00	Complete	---	---
Florence-Cascina Route 66-6+514 5+544	(7+380). Track Span, Abutments ditto	Km. 7 + 380 m. 8.00 m. 12.00	Relaid Complete Complete	--- --- ---	--- --- ---
Cascina-S. Donato 7+623 - 8+433 10+134 11+955	(11+978). Track Four occupation roads	Km. 4 + 598 --- ---	Relaid Complete Complete	--- --- ---	--- One refilled
S. Donato-Siena 13+642 - 14+738 14+147 15+620	(16+203). Track Two occupation roads + Main road + Strozio Bridge Abutments rebuilding Take out steel	Km. 4 + 225 m. 3.00 m. 8.50 m. 28.60 -	Relaid Complete Complete Complete -	--- --- --- ---	--- One refilled --- Extension for second abut- ment's track in hand. Short of gas.
+ Also level crossing to be made here.					

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence -- Napoli -- Pisa

Conjoint work M.R.S., I.S.R. and Contractors.

Job No.	Agency	Location	Description	Size	Progress	Est. Date of completion
(	I.S.R. & M.R.S. Contractor Parrini Poggi	Siene-Montelupo	(27+572). Track	Km. 11+369	Relaid	—
			Hinton occupation roads	m. 3.00	Complete	—
			Thirteen culverts	m. 2.00	Complete	—
		19+087	OVERHEAD Edge <i>span</i>	m. 89.00	complete	
			Abutments to be rebuilt	—	Complete	
			remove steel	—	Nil	
	Terrobraton Parrini	23+145	BRIDGE abutments, pier	29.76		Not yet dete owing to num alterations
		23+	5 show -- arches	—	Complete	—
		23+	UGB spans temporary	—	Complete	—
		15+5	Large bomb crater. Repair retaining wall.	Rebuild 0.25 Km.	Complete 3%	—
(	I.S.R. & M.R.S. Contr. Poggi Contr. Parrini	Montelupo-Napoli	(33+521). Track	Km. 6+357	Relaid	—
			(Five occupation roads	Average	Complete	3 May
			(Eleven culverts	m. 3.20		
		27+740	FEEL Edge Clear steel Both abutments Spur rails	m. 30.80	5% Completed 10%	30th Apr 5th May 30th Apr
		30+247	Over canal steel Abutments	m. 8.75 —	Completed Completed	— 30th Apr

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Sheet No. 2.

9 Florence - Livorno - Pisa

8393
State of works as at 29 Mar '45

Conjoint work M.R.S., I.S.R. and Contractors.

All refers to single track.

Location	Description	Size	Progress	Est. Date of completion	Remarks
Montelupo	(27+572). Track	Km. 11+369	Relaid	—	—
	Fifteen occupation roads	m. 3.00	Complete	—	Second track abutments in hand.
	Thirteen culverts	m. 2.00	Complete	—	
	Various edge span	m. 80.00	Complete	—	Second track abutments in hand.
	Abutments to be rebuilt	—	Complete	—	Short of gas.
	Remove steel	—	Nil	—	
	1270 High-abutments, 2000	29.76	Complete	Not yet determined owing to numerous alterations.	Clearing debris and locating up large blocks of masonry.
	5 abutments	—	Complete	—	
	2000 span & masonry	—	Complete	—	
	Large bomb crater, 1000	—	Complete	—	Contractor warned to speed up.
	Rebuild 0.25 Km. 3%	—	3%	—	
Empoli-Livorno	(33+522). Track	Km. 6+357	Relaid	—	—
	(130) occupation roads	Average	Complete	3 May	Second track abutments in hand.
	(130) culverts	m. 3.20	Complete	—	
	1250. 1000	m. 30.80	5% Completed	30th April	If gas available
	Clear steel	—	10% Completed	5th May	Second track abutments and wing walls in hand.
	Both abutments	—	—	30th April	
	Under rails	—	—	—	
	Over and steel	m. 8.75	Completed	—	—
	Abutments	—	Completed	30th April	Second track abutments in hand.

RAILWAY CONSTRUCTION CONTRACTS WORK UNDER CONTROL OF RAILWAY COMMISSION

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Line No. 219 Florence - Napoli - Pisa

State of

Conjoint work M.R.S., I.S.R. and Contractors.

Ad

Job No.	Agency	Location	Description	Size	Progress	Est. Date of completion
(	Contr. Vannucci	32-337	Steel Edge Steel	m. 13.00	Complete	---
			Clear at 1	---	2%	?
			1st abutment Rebuild	---	Complete	30th April
			2nd abutment Rebuild	---	Complete	30th April
	I.S.R. & M.R.S. Contr. Pardi	Capri 34-3500	(43+432) Track	Km. 9+493	Relaid	---
			Twenty culverts	m. 3.00	Complete	30th April
			Right underpass	m. 3.00	Complete	30th April
			1st. Edge open	m. 29.00	Complete	1%
	I.S.R. & M.R.S. Contr. Pardi	S. Santa - S. Santa	(49+274). Track	Km. 5+852	Relaid	---
			Three Culverts	m. 3.00	Complete	15th May
			Right underpass	m. 3.00	Complete	30th April
			Abutments and open	m. 8.23	Complete	30th April
(	I.S.R. & M.R.S. Contr. Pardi	S. Santa - S. Santa	(56+574). Track	Km. 7+700	Relaid	---
			Twenty culverts	m. 3.10	Complete	15th May
			Four underpasses	---	Complete	30th April
			Valle and abut, open	m. 4.70	Complete	30th April
			- ditto -	m. 5.40	Complete	15th May
			Seam in open	m. 22.50	Complete	15th May
			Take out at 1	---	Complete	15th May
		54-29	Abutments	m. 3.50	Complete	15th May
			Abutments and open	---	Complete	15th May

Sheet No. 3.

RAILWAY CONSTRUCTION COMPANY ARE UNDER CONTROL OF MILITARY COMMISSION

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249 Florence - Empoli - Pisa

State of Works as at 29 March 45

Conjoint work M.R.S., I.S.R. and Contractors.

All refers to single track.

Location	Description	Size	Progress	Est. Date of completion	Remarks
0387	Clear 2400 Steel Clear at 1 Set abutment rebuild Set abutment bridge	m. 13.00 --- --- ---	Complete 2% Complete Complete	--- ? 30th April	Gas shortage. Second track abutments in hand.
0388	(3+424) Track Track culverts Set at 1000m	Km. 9+493 m. 3.00 m. 3.00	Relaid Complete Complete	30th April 30th April	Extension for second track in hand.
0389	Set 21 open Abutments Track out at 1000m	m. 29.00 --- ---	Complete ---	1%	Extension for second track in hand. Short of gas.
0390	(4+274) Track Track culverts Set at 1000m Abutments and open	Km. 5+852 m. 3.00 m. 3.00 m. 8.23	Relaid Complete Complete Complete	--- 15th May 30th April	Extension for second track in hand Ditto abutments only.
0391	(5+474) Track Track culverts Four underpasses Vallée and bridge, open - 1100m	Km. 7+700 m. 3.10 --- m. 4.70 m. 5.40	Relaid Complete Complete Complete Complete	--- 15th May 30th April	Second track structures Second track structures
0392	Track 11 open Track out at 1 Abutments Abutments and open	m. 22.50 --- m. 3.50	Complete Complete Complete	15th May	Second track structures

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 249 Florence - Empoli - Pisa.

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Conjoint work M.R.S., I.S.R. and Contractors.

Job No.	Agency	Location	Description	Size	Progress	Estimate of completion
	M.R.S. & I.S.R.	La Rotta- Pontedera	(40+00). Track Five culverts One underpass	Km. 3+626 m. 3.00 m. 5.35	Relaid Complete Complete	15th May
	Contr. Parodi	60000	134 Edge open Tall cut steel Abutments	m. 29.10 -- --	Complete -- Complete	15th May
	M.R.S. & I.S.R.	Montebello- Viareggio	(70+305). Track Six culverts Strong arch	Km. 9+708 -- --	Relaid -- Completed	15th May
	Contr. Parodi	Montebello and Viareggio Viareggio	" ") " ") " ")			
	M.R.S. & I.S.R.	Montebello- S. Frediano	(10+711). Track	Km. 0+363	Relaid	--
	I.S.R.	S. Frediano - Pisa Pisa Central- Pisa P.M.	80 + 847	Km. 10+176	Relaid Line open	--

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Sheet N°4.

Florence - Empoli - Pisa.

Stage of Works as at 29 March 1945

Conjoint work M.R.S., I.S.R. and Contractors.

All refers to single track.

Location	Description	Size	Progress	Est. date of completion	Remarks
Route Florence	(60+42). Track	Km. 3+626	Relaid	---	---
	Five culverts	m. 3.00	Complete	15th May	Second track structures
	One underpass	m. 5.85	Complete	---	---
60+20	2.5 km. men	m. 29.10	Complete	---	---
	Take out steel	---	---	15th May	Second track structures
	Abutments	---	Complete	---	---
Route Florence	(70+306). Track	Km. 9+708	Relaid	---	---
	Five culverts	---	---	15th May	Arches in hand
	Storage arch	---	Completed	---	---
	" "	---	---	---	---
	" "	---	---	---	---
Route Florence	(70+71). Track	Km. 0+363	Relaid	---	---
S. Prediano - Pisa Pisa Central - Pisa P.M.	80 + 847	Km. 10+176	Relaid Line open	---	Minor structures repaired for single tra No details yet for the structures.

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Empoli - PisaState of

Job No.	Agency	Location	Description	Size	Progress
	I.S.R.	Via Pistoiese Florence	Abutments, span	m. 13.00	Abutments complete
	I.S.R.	Km. 6 + 150	Abutments, span	m. 8.00	Abutments complete
	I.S.R.	<u>Florence-Cascine</u>	(7+380). Track	Km. 7+380	Relaid
	I.S.R.	Route 66-6+514	Span, Abutments	m. 8.00	(Abutments
		6+544	ditto	m. 12.00	(complete
Contractors					
	I.S.R.	<u>Cascine-S. Donnino</u>	(11+978). Track	Km. 4+598	10%
	Vannucci	7+693 - 8+433)	Four occupation roads	1/M 5.00 3/M 3.2	6%
	Vannucci	10+134)			
		11+955			
Contractors					
	I.S.R.	<u>S. Donnino-Signa</u>	(16+203). Track	Km. 4+225	5%
	Vannucci	* 13+642 - 14+738	Two occupation roads	m. 3.00	6%
	I.S.R. & M.R.S.	16+147	Main road +	m. 8.50	2%
	Contr. Foggi	15+620	Bisenzio Bridge	m. 38.80	
			Abutments rebuild		5%
			Take out steel		1%

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Florence - Empoli - PisaState of works as at 26th Feb. 45

All refers to Single Track

Location	Description	Size	Progress	Est. date of completion	Remarks
Via Pistoiese Florence	Abutments, span	m. 13.00	Abutments complete	?	Awaiting span from M.R.S.
Km. 6 + 150	Abutments, span	m. 8.00	Abutments complete	3rd March 45	Span over
<u>Florence-Cascine</u> Route 66-6+514 6+544	(7+380). Track Span, Abutments ditto	Km. 7+380 m. 8.00 m. 12.00	Relaid (Abutments (complete	?	(spans from (M.R.S.
<u>Cascine-S. Donnino</u> 7+693 - 8+433) 10+134) 11+955	(11+978). Track Four occupation roads	Km. 4+598 1/M 5.00 3/M 3.2	10% 6%	10th March 45 31st March 45	Crater to fill Refill one not required now.
<u>S. Donnino-Signa</u> * 13+642 - 14+738 S. 16+147 15+620	(16+203). Track Two occupation roads Main road + Bisenzio Bridge Abutments rebuild Take out steel	Km. 4+225 m. 3.00 m. 8.50 m. 38.80	5% 6% 2% 5% 1%	10th March 45 20th March 45 25th March 45 31st March 45 30th April 45	I.S.R. * Parrin too late com- mencing. + Repair 4 old spans South track- I.S.R. & M.R.S. If no flood

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Empoli - Pisa

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State of

Job No.	Agency	Location	Description	Size	Progress
(	I.S.R. & M.R.S. Contractor Parrini	Signa-Montelupo	(27+572). Track	Km. 11 + 369	2%
			Nineteen occupation roads	Average m. 3.00)	5%
	Poggi	19+087	Thirteen culverts	Average m. 2.00)	
			OMERONE Bdge	Span m. 30.00	4%
	Ferrobeton	22+145	Abutments to be rebuilt		Nil
		23+	Remove steel		
	Parrini	22+145	ARNO Edge-Abutments, piers	29.76	Clearing of
		23+	5 skew - Arches	3 Girder Deck	
			UCB span temporary		
			Large bomb crater.		80%
		19+5	River retaining wall.	Rebuild 0.25 Km.	1%
(	I.S.R. & M.R.S. Contr. Parrini	Montelupo-Empoli	(33+929). Track	Km. 6+357	5%
			Five occupation roads	Average m. 3.20	3%
	Contr. Poggi	27+740	Eleven culverts		
			PESA Bdge	Span m. 30.80	1%
	Contr. Pardi	30+247	Clear steel		2%
			Both abutments		
			Scour holes		
			Over canal steel	Span m. 3.75	2%
			Abutments		

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Florence - Empoli - Pisa

State of works as at 26th Feb. 45

Location	Description	Size	Progress	Est. Date of completion	Remarks
Signa-Montelupo	(27+572). Track Nineteen occupation roads Thirteen culverts	Km. 11 + 369 Average m. 3.00) Average m. 2.00)	2% 5%	5th April 5th April	One track M.R.S & Contractors
19+087	OMBRONE Edge Abutments to be rebuilt Remove steel	Span m. 30.00	4% Nil	10th April	M.R.S. span
22+145	ARNO Edge-Abutments, piers 5 skew - Arches	29.76	Clearing & Demolition of old Piers		Piers No 1 & 2 Two steel trestles
23+	UCB span temporary	3 Girder Deck			Clearing site MRS & Contractor men
19+5	Large bomb crater. River retaining wall.	Rebuild 0.25 Km.	80% 1%	1st March 30th April	M.R.S. if no flood
Montelupo-Empoli	(33+929). Track (Five occupation roads (Eleven culverts	Km. 6+357 Average m. 3.20	5% 3%	30th March 10th April	one track MRS & Contractor
27+740	PESA Edge Clear steel Both abutments Scour holes	Span m. 30.80	1% 2% --	30th April 1st April 30th April	M.R.S. span South track M.R.S. & Contractor
30+247	Over canal steel Abutments	Span m. 3.75	2%	1st April	M.R.S. span MRS & Contr.

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Empoli - Pisa

State of

62%

Job No.	Agency	Location	Description	Size	Progress
	Contr. Vannucci	32+887	ORME Bidge Steel Clear steel West abutment Rebuild East abutment Repair	Span m. 13.10	1% 2% 8%
	M.R.S. & I.R.S. Contr. Pardi	Empoli-S. Miniato	(43+422) Track Twenty culverts Eight underpasses	Km. 9+493 Average m. 3.00 " m. 3.20	2% 3%
	M.R.S.	Km. 39+13	ELSA Bidge span Abutments Take out steel.	m. 29.00	2% --
	M.R.S. & I.R.S. Contr. Pardi	S. Miniato - S. Romano	(49+274)? Track Three culverts Eight underpasses Abutments and span	Km. 5+852 Average m. 3.00 " m. 3.20 Span m. 8.23	3% 4%
	M.R.S. & I.R.S. Contr. Pardi	S. Romano-La Rotte	(56+974). Track Nineteen culverts Four underpasses Walls and girder, span - ditto - Cecinella span Take out steel Abutments Abutments and span	Km. 7+700 Average m. 3.10 Span m. 4.70 Span m. 5.40 m. 22.50 m. 3.50	4% 3% -- 5%

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Florence - Empoli - Pisa

State of Works as at 26th Feb. 45

Location	Description	Size	Progress	Est. Date of completion	Remarks
32+887	ORME Bdge Steel Clear steel West abutment Rebuild East abutment Repair	Span m. 13.10	1% 2% 8%	30th April 5th April 15th March	M.R.S. span M.R.S. & men
Empoli-S. Miniato	(43+422) Track Twenty culverts Eight underpasses	Km. 9+493 Average m. 3.00 " m. 3.20	2% 3%	10th April 15th April	FES Section No switches MRS & Contr. men
Km. 39+13	ELSA Bdge span Abutments Take out steel.	m. 29.00	2% --	15th April	MRS & Contr. men
S. Miniato - S. Romano	(49+274)? Track Three culverts Eight underpasses Abutments and span	Km. 5+852 Average m. 3.00 " m. 3.20 Span m. 8.23	3% 4%	15th April	No switches M.R.S. & yet Contr. men
5+149					
S. Romano-La Rotta	(56+974). Track Nineteen culverts Four underpasses Walls and girder, span - ditto - Cecinella span Take out steel Abutments Abutments and span	Km. 7+700 Average m. 3.10 Span m. 4.70 Span m. 5.40 M. 22.50 M. 3.50	4% 3% -- 5%	15th April Completed	No switches M.R.S. span MRS. & Contr. men
51+34 51+79 52+78 54+429					

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Line No. 219 Florence - Empoli - Pisa.

State of

Job No.	Agency	Location	Description	Size	Progress
	M.R.S. & I.S.R. Contr. Pardi	La Rotta- Pontedera	(60+60). Track Five culverts One underpass	Km. 3+626 Average 3.00 M. 5.85	20% 2%
	Contr. Pardi	60+50	ERA Edge span Take out steel Abutments	m. 29.10	-- 4%
	M.R.S. & I.S.R. Contr. Pardi	Pontedera- Cascina Ruteno Amiseno Arnaccio	(70+308). Track NIL culverts Streams arch) " ") " ")	Km. 9+708 --	10% -- 10%
	M.R.S. & I.S.R.	Cascina - S.Frediano	(70+671). Track	0+363	40%

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

Florence - Empoli - Pisa.

State of Works as at 26th Feb. 45

Location	Description	Size	Progress	Est. Date of completion	Remarks
La Rotta- <u>Pontedera</u>	(60+60). Track Five culverts One underpass	Km. 3+626 Average 3.00 M. 5.85	20% 2%	1st March	No switches M.P.S. & Contractor men
60+50	ERA Bridge span Take out steel Abutments	m. 29.10	-- 4%	5th April	M.R.S. & Contractor men
<u>Pontedera-</u> <u>Cascina</u>	(70+308). Track NIL culverts Streams arch)	Km. 9+708 --	10% --	5th March --	No switches M.R.S. & Contractor men
Ruteno Amiseno Arnaccio	" ") " ")		10%	20th March	
<u>Cascina -</u> <u>S. Frediano</u>	(70+671). Track	0+363	40%	0th March	Beyond, Track open to Pisa

I 592