

ACC AC2 10000/148/1838 MONTHLY REPO
JUN.-OCT. 1945

MONTHLY REPORTS - MILANO

UN. - OCT. 1945

" WORK " and " SPECIAL WORK " Section TURINLine.....TURIN - MODANE.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Bridge on Dora Riparia stream of 3 arches (10 m. each on). 33+387 Between S. Antonino; and Borgone's stations	Two arches completely fallen in	Traffic going on provisionally on iron beams. Definitive restoration in course	Eng.† GUERRINI	16.7.45
2	Bridge under the way of 5,77 m.- 82+310 km.; stone bridge of 18,21 m. over Bardonecchia stream. Km. 82+328 between Beaulard and Bardonecchia stations.	Vault fallen in	Definitive vaults restoration	Eng.† GILLIO	10.7.45
3	3 arches bridge over Melezet stream at 83+622 Km. between Beaulard and Bardonecchia Stations	Bridge completely fallen in	Definitive restoration in course	ANGIOLINI	10.7.45
6711					
Responsible : Capo Gruppo : Dext. Eng.				PIRRO	SERANTONI

Section TURINWeekly Report at October 1st 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Traffic going on provisionally on iron beams. Definitive restoration in course	Eng. ^r GUERRINI	16.7.45	35	15.11.45	6.000.000	The pier towards Susa is in course of being built: centers reconstruction has been accomplished, in order to build the side of the 2 nd arch relating to a single track; and the casting of the concrete for the building of the same arch has been begun.
Definitive vaults restoration	Broth ^s GELLIO	10.7.45	90	10.10.45	4.000.000	The building of the lateral wall is relating to the shouldering piece towards Bardonecchia and of the lateral footways has been continued.
Definitive restoration in course	ANGIOLINI	10.7.45	40	15.11.45	12.000.000	The wall-works of the shouldering-pieces and of the piers have been raised until the bases of the arches. Has been besides finished the reconstruction of two arches. unless
Gruppo : Dext. Eng.	PIRRO	SERAFONTI				

" WORK " and " SPECIAL WORK " Section TURIN

Line.....TURIN - MODANE.....

Job No	Location	Summary descrip- tion of damages	Summary descrip- tion of tempora- ry repairs	Agency	Initial date of works
4	Frejus artificial tunnel at 85+400 km.	Completely fallen in for abt 200 m. of its length	Definitive resto- ration in course	BRUNETTI	3.7.-45

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Section TURINWeekly Report at October 1st 1945

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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Definitive restoration in course	BRUNETTI	3.7. 45	15	15.3.46	12.000.000	The removal of debris has been continued. The building of a 1st concrete annular-barrel vault has been accomplished. According to the new orders by the Allied Command we are providing to the wooden-materials supply.

" WORK " and " SPECIAL WORK " Section TURIN

Line.....ASTI - CHIVASSO.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	13 arches stone-bridge (one arch of 10 m. and 12 ones of 20 m) at Km.46+838 over River Po between S. Sebastiano Po and Chivasso	9 th arch fallen in first one damaged	Vaults definitive restoration in course	FIGLIONE EDGARDO	2/7-45
6709 - Responsible Capo Gruppo : Doct. Ing. PIERRO SERANTONI					

Section TURIN

Weekly Report at October 1st 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Vaults definitive restoration in course	FIGLIONE EDUARDO	2/7-45	80	20/10-45	2.000.000	The centers relating to 1 st arch have been set up. Concrete casting for the reconstruction of the same arch has been begun.

Gruppo : Doct. Ing. PIRRO SERANTONI

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" WORK " and " SPECIAL WORK " Section TURIN

Line.....SANTHIA' - ARONA.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Iron bridge with 5 arches, lateral ones of 19,65 m. ^s and central ones of 25,20 m. ^s at km.6+398 over ELVO stream between Carisio and Burenzo	1 st arch fallen in (towards Santhia) and 2 nd one out off.	Definitive restoration	SAVIGLIANO WORKSHOPS	1.8.45
- Responsible Capo Gruppo : Doct. Eng. ^r PIRRO SERANTONI					

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" WORK " and " SPECIAL WORK " Section TURIN

Line.....SANTHIA' - ARONA.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Iron bridge with 5 arches, lateral ones of 19,65 m. ^s and central ones of 25,20 m. ^s at km. 6+398 over ELVO stream between Carisio and Burenzo	1 st arch fallen in (towards Santhia) and 2 nd one out off.	Definitive restoration	SAVIGLIANO WORKSHOPS	1.8.45
6708 - Responsible Capo Gruppo : Doct. Eng.^r PIRRO SERANTONI pdz					

Section TURINWeekly Report at October 1st 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Definitive restoration	SAVIGLIANO WORKSHOPS	1.8.45	98	30/9-45	1.500.000	The works have been nearly finished- The testing loads relating to the works executed with iron beams have been successful.
Suppo : Doct. Eng. ^r	PIRRO SERANTONI					

" WORK " and " SPECIAL WORK " Section TURIN

Line.....NOVARA - DOMODOSSOLA.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Iron bridge with 7 arches; lateral ones of 56,25 m. and inward ones of 68 m. at Km. 66+217 over Tona river between Ornavasso and Cuzzago	5 th pier and beam between 5 th and 8 th pier fallen in. 6 th and 7 th beam fallen river bed	Definitive restoration of the beam	SAVIGLIANO WORKSHOPS	1/8-45
2	Bridge with 3 arches, each one of 4,90 m., at Lancia di Ornavasso Km. 64.481, between Ornavasso and Cuzzago	1 st pier and 2 arches, towards Novara, fallen in. 2 nd pier and shouldering, piece, towards Domodossola, seriously damaged	Definitive restoration	CRISTINA	2.7.45
- Responsible Capo Gruppo : Doct. Eng. ^r				PIRRO	SBRANTONI

on TURINWeekly Report at October 1st 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Primitive restoration of the	SAVIGLIANO WORKSHOPS	1/8-45	10		7.000.000	Savigliano workshops are yet waiting for, from "Ferriere Piemontesi", the iron materials necessary to works beginning.
Primitive restoration	CRISTINA	2.7.45	25	30.11.45	1.000.000	1 st part of the works has been accomplished, for an amount of L.200.000, by Cristina contractor. There are in course of being allowed on a lease the works relating to the restoration of the wall-pieces of the bridge.
by : Doct. Eng. ^r	PIRRO SERANTONI					pdz

" WORK " and " SPECIAL WORK " Section TURIN

Line.....TURIN - MILAN.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works	Pr gro
1	Bridge on Ticino river at Km.114+133 between Treccate and Magenta	Arches ^{and} some piers seriously damaged	Contre-scaffolding of the two damaged arches	GIROLA UMBERTO of MILAN	24/7-45	1
		Responsible Capo Gruppo : Doct. Eng. ^r		PIRRO SERANTONI		

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Section TURINWeekly Report at October 1st 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Contre-scaffolding of the two damaged arches	GIROLA UMBERTO of MILAN	24/7-45	100	30/9-45	2.500.000	Strengthening works relating to 1st arch, with wooden centers according to the orders received by Allied Command, have been accomplished. Wall works relating to bridge restoration, beginning is under examination these works have been allowed on a base to Guerriani contractor: as are waiting for orders by Allied Command relating to works beginning.

Supp: Doct. Eng.^r

PIRRO SERANTONI

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Line.....PINEROLO - TORRE PELICE.....

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ANDREUSSE ODORICO

Section TURIN

Weekly Report at October 1st 1945

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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Deviation laid aside of the ordinary line.	MAFFIOTTO FELICE & C.	23/8-45	40	23/10-45	1.257.750	Foundation works relating to the piers and to the shouldering piece towards Pinerolo have been accomplished. Wall works relating to the raising of the shouldering piece towards Pinerolo have been continued. The works relating to the piers building have been begun

Appo: Doct. Eng. ^r

ANDREUSSI GIORGIO .

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" WORK " and " SPECIAL WORK " Section TURINAIRASCA - CAVALLERMAGGIORE
Line.....

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initial date of works
1	Promiscuous stone bridge with 5 arches each one of 17 m. on Pellice stream at Km.13+339 between Vigone and Villafranca	5 arches fallen in	Removal of debris	ATES TURIN	27.8.45
8704 - Responsible Capo Gruppo : Doct. Eng. ^r ANDREUSSI O					

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

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Section TURIN

Weekly Report at October 1st 1945

GLORE

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Removal of debris	ATES TURIN	27.8.45	50	25/10-45	948.000	Removal of debris has been continued.

Gruppo : Doct. Eng.^r ANDREUSSI ODORICO .

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Gruppo : Doct. Eng.^r ANDREUSSI ODORICO .

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" WORK " and " SPECIAL WORK " Section TURIN

Line..... SAVIGLIANO - SALUZZO

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Stone bridge with 4 arches each one of 15 m. ^s at Km. 6+737 over Varaita stream between Madonna delle Grazie and Bagnasco	2 nd arch towards Saluzzo partially fallen in	Temporary restoration	New building society TURIN	11/9-45
- Responsible Capo Gruppo : Ing. ANDREUSSI GEORGIO					

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Section TURINWeekly Report at October 1st 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Temporary restoration	New building society TURIN	11/9-45	3	10/11-45	534.000	The demolition of the vault has been begun. The progress is unchanged, owing to the preparation of the yard.

Gruppo : Ing. ANDREJSSI ODORICO

" WORK " and " SPECIAL WORK " Section TURIN

Line.....FOSSANO - CEVA.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Init. date work
1	Viaduct stone bridge with 16 arches each one of 29 m. ⁶ , at Km. 19+722, on Ellero stream between Mondovì and Vicoforte	8 arches, 6 piers and 1 shouldering piece fallen in.	Removal of debris	RACCA Costanzo	20.8.
Responsible : Capo Gruppo : Doct. Eng. ^r ANDREUSSI ODORI					

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Section TURIN

Weekly Report at October 1st 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Removal of debris	RACCA Costanzo	20.8.45	75	20.10.45	800.000	Removal of debris has been continued.
Gruppo : Doct. Eng. ^r	ANDREUSSE	ODORICO				

" WORK " and " SPECIAL WORK " Section TURIN

Line.....CEVA - ORMEA.....

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initial date of works
1	Ceva viaduct over Cevetta stream at Km. 0+782 between Ceva and Nucetto	6 arches and 5 piers fallen in	The tottering pier has to be strengthened	DECISI LUIGI and son	15.9.45
2	Bridge with 8 arches each one of 15 m. ^B at Km.4+466 between Ceva and Nucetto	7 arches fallen in	Removal of debris	"	
3	Bridge with 5 arches each one of 15 m. on Tanaro river at Km. 6+366 between Ceva and Nucetto	Completely fallen in	Removal of debris accomplished Strengthening of the tottering pier	DECISI LUIGI and son	19.9.45
8701 Responsible Capo Gruppo : Doct. Eng.^r ANDREUSSI OD					

Section TURIN

Weekly Report at October 1st 1945

	Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
	The tottering pier has to be strengthened	DECISI LUIGI and son	15.9.45	50	20.10.45	100.000	The tottering pier is in course of being strengthened
in	Removal of debris	"				197.000	The works will be begun on October 1 st after having leased out.
on	Removal of debris accomplished Strengthening of the tottering pier	DECISI LUIGI and son	19.9.45	10	14.10.45	400.000	Removal of debris concerning the central pieces commanded for an estimated amount of L. 180.000- has been continued

Capo Gruppo : Doct. Eng.^r ANDREUSSI ODORICO .

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" WORK " and " SPECIAL WORK " Section TURIN

Line..... SAVONA - CARMAGNOLA

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Init date work
1	Stone bridge with 5 arches of 30 m. at Km. 8+127 over Acquabona stream, between Santuario and Sella.	3 arches and 2 piers towards S. Giuseppe fallen in	Definitive restoration	DE MARTINI Alessio	19.2.
2	Stone bridge with 5 arches; of 18 m. at Km. 9+408 over Isola brook between Santuario and Sella	Propping one and 1 st pier towards Savona completely fallen in	"	"	19.9.
3	Stone bridge with 6 arches; lateral ones of 14 m. and inward ones of 18 m. at Km. 10+561 over Letimbro stream between Santuario and Sella	4 Inward arches and 4 piers fallen in Letimbro stream	"	"	19.9.
4	Stone bridge on Tanaro river Km. 57+529 between Niella and Bastia stations	3 arches and 2 piers fallen in	Definitive restoration	Ing. FENAROLI	13.8.

(The restoration works of the new line S. Giuseppe-Albare-Savona have been interrupted according to the order of S. E. the Trasports State Secretary)

Responsible Capo Gruppo : Doct. Eng. ANDREUSSI ODORIO

ction TURINWeekly Report at October 1st 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Definitive restoration	DE MARTINI Alessio	19.2.45	3	11.12.45		
"	"	19.9.45	3	11.12.45	28.000.000	The yard is in course of being prepared, and the foundation ditches have been begun.
"	"	19.9.45	3	11.12.45		
s Definitive restoration	Ing. PENAROLI	13.8.45	14	13.11.45	3.200.000	The raising of the 2 nd pier is nearly accomplished. The cost of the works rises from L. 2.250.000 to L. 3.200.000 owing to the restoration of # 3 rd arch and of another pier. It remains therefore unchanged the progress of the works.
Line S. Giuseppe-Albare-Savona have been of S.E. the Trasporti State Secretary).						
Gruppo : Doct. Eng. ^r	ANDREUSSI	ODORICO				fallen in pending works execution. pdz

" WORK " and " SPECIAL WORK " Section TURIN

Line..... SAVONA - CARMAGNOLA

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
5	Stone bridge with 3 arches each one of 13,40 m. on Pesio stream Km. 63+959 between Bastia and Carrù	One arch and one pier fallen in	Definitive restoration	MORESCO and CHIARVA	10.9.45
6	Stone bridge with 4 arches each one of 20 m. Km. 69+795 between Carrù and Farigliano	Frontal walls destroyed and arch damaged	Partial restoration of the bridge. Stone arch restoration and accomplishment of the definitive works	RIZZO PAOLO of Niella RONCO GIUSEPPE	22.8.45
7	Stone bridge over Tanaro river with 5 arches at km. 81.072 between Monchiero and Narzole.	Arches and piers fallen in	Temporary restoration with iron beams.	RACCA COSTANZO	

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Section TURINWeekly Report at October 1st 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'd date of Completion	Amount	Remarks
Definitive restoration	MORESCO and CHIARVA	10.9.45	7	9.11.45	1.620.000	The center ^{PIRE} in course of being constructed, the preparation of the yard has been continued.
Partial restoration of the bridge.	RIZZO PAOLO of Niella	22.8.45	100	22.10.45	300.000	The works have been finished
Stone arch restoration and accomplishment of the definitive works	RONCO GIUSEPPE				1.904.000	The works have been allowed on a lease to Ronco Giuseppe contractor, and will begin on October 1 st .
Temporary restoration with iron beams.	RACCA COSTANZO				3.000.000	The works have been allowed to the contractor Racca Costanzo and will begin on 1.10.1945

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Section TURIN

Weekly Report at October 1st 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Temporary restoration	MAFFIOTTO FELICE & C.	2/9/45	6	11.11.45	856.150	The works have been interrupted on 24.9.45 for tracks displacing.
Gruppo : Doct Eng. ^r	ANDREUSSI	ODORICO				

" WORK " and " SPECIAL WORK " Section TURINLine.....CUNEO - MONDOVI.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Stone bridge with 3 arches each one of 15 m. ⁸ over Pesio stream at Km. 13+401 between Pianfei and Margherita.	Pier, towards Mondovì, damaged	Temporary restoration	PIOVANO DOMIZIO Mondovì	12.9.45
Responsible : Capo Gruppo Doct. Eng. ^r ANDREUSSI ODORICO					

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Weekly Report at October 1st 1945

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" WORK " and " SPECIAL WORK " Section TURIN

Line.....CUNEO GESSO - VENTIMIGLIA.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initia date o works
1	Stone bridge with 3 arches each one of 21 m. Km. 12+850 on Gesso stream between Borgo S. Dalmazzo and Rocca-vione	3 arches fallen in piers and shouldering pieces damaged	Temporary restoration	MORESCO and CHIARVA	22/8-4
Responsible Capo Gruppo : Doct. Eng. ^r ANDREUSSI					ODORICO

on TURINWeekly Report at October 1st 1945

Primary description on of temporary repairs	Agency	Initial date of works	Pro- gress	Est'date of Comple- tion	Amount	Remarks
Temporary restoration and CHIAVA	MORESCO and CHIAVA	22/8-45	95	21/10-45	660.000	Cement basements in course of being built in order to sup- port the Differ- dingen beams, will be quickly accomplished.
Doct. Eng. ^r	ANDREUSSI	ODORICO				

" WORK " and " SPECIAL WORK " Section TURIN

Line.....TURIN - GENOA.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works	P g
1	Stone bridge with 5 arches of 12 m. at Km. 37+733, over Stenavas, so stream between Volanova and Villafranca	3 arches, 1 pier and 1 shouldering piece fallen in	Temporary restoration with propping wooden piers and Differdingen Beams.	Eng. CASTAUDI and SERRA	20.6.45	
2	Stone bridge with 5 arches (3 ones of 8 mm. and 2 ones of 3 m.) at km. 46+150, over Traversa stream between Baldichieri and San Damiano	One arch fallen in and others ones partially destroyed.	"	DE BERNARDI	20.6.45	
3	Aqueduct of 5 m. at Km. 23+007 between Pessione and Villanova	Half arch fallen in and retaining pieces damaged	Temporary restoration accomplished	DE BERNARDI Felice	20.6.45	
pdz		8695	- Responsible : Capo Gruppo : Dott. Eng. VERARDI ARTURO			

Section TURINWeekly Report at October 1st 1945

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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Temporary restoration with propping wooden piers and Differdingen Beams.	Eng. CASTAUDI and SERA	20.6.45	22	31.12.45	11.610.00	The demolition of the damaged pieces, in order to begin the reconstruction of central pier and shouldering-piece towards Turin, has been continued. Restoration works of the shouldering-piece towards Genoa have been continued.
"	DE BERNARDE	20.6.45	56	12.11.45	1.700.000	The working of the railway has been displaced on down-trains track-between Baldichieri and S.Damiano (=25-9'-45). The demolition of the pieces beneath up-trains track has been begun.
Temporary restoration accomplished	DE BERNARDE Felice	20.6.45	56	15.11.45	800.000	The side relating to down-trains track has been restored. The working of the railway, on down-trains track between Passione and the bridge already reconstructed, has been restored on September 25 th
Gruppo : Dott. Eng.	VERARDI	ARTURO				

" WORK " and " SPECIAL WORK " Section TURIN

Line.....TURIN.....GENOA.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
4	Stone bridge with 5 arches of 9 m. at Km. 54+797, over Borbore river between S.Damiano and Asti	Vault and relating lateral piers damaged	Temporary restoration accomplished	DE BERNARDI Felice	2.7.45
5	Bridge over the road at Km. 21+656, between Cambiano and Pessione	Arch partially destroyed	Temporary restoration accomplished	DE BERNARDI Felice	2.7.45

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Section TURINWeekly Report at October 1st 1945

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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Temporary restoration accomplished	DE BERNARDI Felice	2.7.45	25	15.11.45	1.300.000	Lateral walls building has been continued.
Temporary restoration accomplished	DE BERNARDI Felice	2.7.45	75	15.11.45	300.000	Central arch and frontal walls have been reconstructed; the breast works towards Turin are in course of being restored.

" WORK " and " SPECIAL WORK " Section TURIN

Line..... GENOVA - OVADA - ASTI

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Iron bridge with 3 beams, at Km.101+710, over Tanaro river between San Marzanotto Rivi and Asti	One beam damaged; one pier fallen in and relating shoulder ring pieces damaged	Beams restoration pier and shoulder ring pieces restoration	ANSALDO (Iron works)	23/8-45
		Responsible : Capo Gruppo Doct. Eng. ^r		BELTRAMI	VINCENZI

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Section TURINWeekly Report at October 1st 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Beams restoration pier and shoulder ing pieces restoration	ANSALDO (Iron works)	23/8-45	18	15/12-45	7.000.000	Restoration works have been allowed to S.A. Ansaldo which is presently providing for iron materials supply. Walling works will be begun as soon as S.A. Ansaldo will raise up the beam presently leaning on fallen pier. In order to works execution 265 tons of iron material, and 600 quintale of cement are wanted.
Gruppo Doct. Eng.	BELTRAMI	VINCENZO				

" WORK " and " SPECIAL WORK " Section TURIN

Line.....TURIN - AND DEPENDENCE.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Partial restoration of Turin Smistamento Locomotives workshop	Cement frames seriously damaged	Definitive restoration	BONDINO Giovanni	10.7.45
2	Roof restoration of the Turin-Smistamento T.R. shed	Roof destroyed	"	ODOLI Giovanni	2.7.45
3	Rail materials Motor workshop shed	"	"	PARDINI Albano	25.6.45
4	Little warehouse at Turin Dora restoration	Destroyed	"	BONDINO Giovanni	17.8.45
8892 r Responsible Capo Gruppo : Doct. Eng. CARRARA UMBERTO					

Section TURINWeekly Report at October 1st 1945ENCE
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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Definitive restoration	BONDINO Giovanni	10.7.45	95	30.9.45	2.280.000	We are yet waiting for the glasses necessary to works accomplishment
"	ODOLI Giovanni	2.7.45	95	30.9.45	2.700.000	
"	PARDINI Albano	25.6.45	65	15.10.45	1.187.000	
"	BORDINO Giovanni	17.8.45	68	16.10.45	1.031.300	
Gruppo : Doct. Eng. CARRARA UMBERTO						pdz

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

RAILWAY RECONSTRUCTION CONTRACT WORK
UNDER CONTROL OF ALLIED COMMISSION
WINTERIZATION

MILAN COMPARTMENT

LINE N°61 MILAN-GENOVA

STATE OF WORK

Job No	Agency	Location	Description	Size	Progress	State of work Permanent
AC/61 1001	Ditta Damian " D'Alce	from Milan to Pavia	Reconstruction Track	Km. 11,50	80%	30/9
AC/61 1002	Ing. Iucca Milano <u>masonry work</u> S.A.A. Badoni Lecco steel work	over river PO near Mezzana Km. 14+988	Bridge Steel <u>12 spans</u> Pier Removing spans <u>Recondition spans</u> First pier destroyed Pavia side with relative span ruined Other 4 spans fallen in the River	mt. 760 8x10x4	Temporary work 40% 60% 25%	Uncertain steel
AC/61 1003	Ing. Iucca Milano <u>masonry work</u> S.A.A. Badoni Lecco Steel work	over River Ticino near Pavia Km. 23X923	Bridge in masonry <u>5 Arches</u> Foundation <u>Piers 4</u> All Arches destroyed and Piers heavily damaged	mt. 180 4x12x6 8x10x4	Temporary work 100% 100%	New Bridge be built new all September
AC/61 1004	Ditta Garbana Giulio	Pavia Station	Reconstruction roof Station and Floor of Lecco Depot		100%	1 Aug

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

785021

RAILWAY RECONSTRUCTION CONTRACT WORK
 UNDER CONTROL OF ALLIED COMMISSION
WINTERIZATION

MILAN COMPARTMENT

Milano 6/1/45
STATE OF WORK 25 SEPTEMBER 1945

Description	Size	Progress	Estimated date of completion Permanent work	Remarks
Reconstruction Track	Km. 11.50	80%	30/9/45	Single Line
Bridge Steel 10 spans Pier Removing spans Recondition spans First pier destroyed Pavia side with relative span ruined Other 4 spans fallen in the River	mt. 760 8x10x4	Temporary work 40% 60% 25%	Uncertain no steel	Single Line with temporary steel work to be complete to 15 October/45 then it will be safe for winter now 50% complete
Bridge in masonry 5 Arches Foundation Piers 4 All Arches destroyed and Piers heavily damaged	mt. 180 4x12x6 8x10x4	Temporary work 100% 100%	New Bridge to be built on new alignment September/46	With temporary single line. Temporary Bridge. Safe for many line traffic complete 24 September/45.
Reconstruction roof Station and floor of Lecco Depot		100%	1 August/45	Completed

LINE N°53 MILAN-VENICE

MILAN COMPARTMENT

Job N°	Agency	Location	Description	Size	Progress	Es com p
AC/53 1005	Impresa Cappelletti	Over River Serio near Romano Km.42+144	Bridge in masonry <u>7 Arches</u> Foundation Piers 6 Abutments 2 Recondition span Completely destroy- ed	ht.112 3x12x4 6x10x3 6x10x5	Temporary work 100% 100% 100% 100%	S
AC/53 1006	Pavan Clindo	Over River Chiese near Ponte S. Marco Km.97+900	Arches in masonry Recondition span Abutment Arch & abutment Milan side destroyed	ht.30 6x10x5	Temporary 100% 100%	Se
AC/53 1007	Pavan Clindo	Roggia Calci- nato Km.98+199	Arches masonry Foundation Piers 2 Arches Recondition Span 1 Pier and 2 Arches destroy- ed	4x10x3 3x12x4	Temporary 100% 100% 35% 100%	sep

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MILAN COMPARTMENT

Description	Size	Progress	Estimate date of completion permanent work	Remarks
Bridge in masonry 7 Arches Foundation Piers 6 Abutments 2 Recondition Span Completely destroyed	At. 112 3x12x4 6x10x3 6x10x5	Temporary work 100% 100% 100% 100%	September /46	Single Line with temporary steel work completed 15/5/45 Safe for winter in hand for permanent repairs
Arches in masonry Recondition span Abutment Arch & abutment Milan side destroyed	At. 30 6x10x5	Temporary 100% 100%	September /46	Single Line with temporary steel work completed 10/6/45 Safe for winter Permanent work transferred to Verona Compartment
Arches masonry Foundation Piers 2 Arches Recondition Span 1 Pier and 2 Arches destroyed	4x10x3 3x12x4	Temporary 100% 100% 35% 100%	September/46	Single Line with temporary steel work completed 10/6/45 Safe for winter Permanent work transferred to Verona compartment

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LINE N°93 MILAN-VENICE

MILAN COMPARTMENT

Job No	Agency	Location	Description	Size	Progress	Est. date complete permanent
AC/53 1008	Ing. Bruno Chiesa Milano	Over Valle near Desenza- no Km. 108+520	Viaduct in masonry Arches 4 Foundation Piers 2 4 arches destroy- ed 2 Piers destroyed	st. 235,65 10x17x45 4x12x10 5x10x8	0% 100% 10%	Under
AC/53 1009	Ing. Bruno Chiesa Milano	Over river Mincio near Peschiera Km. 12+937	7 arches in masonry Arches 7 Foundation Piers 4 Abutment 2 All arches destroyed. 3 Piers heavily da- maged. 1 pier cracked 1 Abutment heavily damaged	st. 118,55 3x12x5 12x10x4 12x11x5	0% 10% 5% 10%	31st.
AC/53 1010	I.S.R.	Over river Adda near Cassano Km. 27+649	Bridge masonry 5 Arches Foundation Piers 2 Abutment 2 Arches 1 pier 1 abutment destroyed	st. 125 4x12x5 5x10x3,5 5x10x4,5	temporary work 100% 100% 100%	50

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MILAN COMPARTMENT

Description	Size	Progress	Est. date of completion permanent work	Remarks
Viaduct in masonry Arches 4 Foundation Piers 2 4 Arches destroyed 2 Piers destroyed	mt. 295,65 10X17X45 4X12X10 5X10X3	OK 100% 100%	Uncertain	Contractor held up two months awaiting return of design from I.S.M. Rome Temporary diversion Safe for Winter Transferred to Verona Compartment.
7 Arches in masonry Arches 7 Foundation Piers 4 Abutment 2 All Arches destroyed. Piers heavily damaged. Pier cracked Abutment heavily damaged	mt. 118,55 3X12X5 12X10X4 12X10X5	OK 100% 5% 100%	31st. Mar/46	Temporary diversion Single line Not considered safe for Winter Transferred to Verona compartment Permanent works continues.
Bridge masonry Arches Foundation Piers 2 Abutment Arches 1 pier Abutment destroyed	mt. 125 4X12X5 5X10X3,5 5X10X4,5	temporary work 100% 100% 100%	September 1946	Single line temporary repair in steel work completed 25th. Mar/46 In hand for permanent repair Safe for Winter

LINE N°53 MILAN-VERICEMILAN COMPARTMENT

Job N°	Agency	Location	Description	Size	Progress	Est. date completion
AC/53 1011	I.S.R. & Capietti	Milano Sniatamento Station	Reconstruction track for Loco Depot	Km. 0800	50%	31st.
AC/53 1012	Ditta Curti Rovato	Rovato Station	Reconstruction Station		25%	20 Jun
AC/53 1013	Ditta Pedrini Germano	Brescia Station	Reconstruction 2 Culverts Movement Office & Station roof	mt. 2	50%	Octob

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MELAN COMPARTMENT

Description	Size	Progress	Est. date of completion Permanent work	Remarks
Construction track Loco Depot	Km. 0800	50%	31st. March /46	
Construction ation		25%	20 June /46	
Construction ulverts ment Office & ion roof	mt. 2	50%	October /45	

LINE N°54 MILANO-DOMODOSSOLA

MILAN COMPARTMENT

Job N°	Agency	Location	Description	Size	Progress	Est.d. comple perman
AC/54 1014	Impresa Bonfiglio	Over River Ticino near Sesto Calende Km.42+384	Steel Bridge Continuous Span Recondition Span Pier Abutment All continuous spans heavily da- maged. North span in the River. 1 Pier & Abutment Domodossola side damaged.	mt.281 15X15X4 5X15X7	Temporary work 0% 30% 50%	Uncer no st
AC/54 1015	Impresa Girola	Km.28+128	Aqueduct masonry	mt.2	20%	30 Nov
AC/54 1016	ditto	Km.30+586	Underpass masonry	mt.3	15%	15 Dec
AC/54 1017	ditto	Km.32+379	Underpass masonry	mt.3	10%	30 Nov
AC/54 1018	ditto	Km.32+938	Underpass in steel	mt.7	13%	30 Nov
AC/54 1019	ditto	Km.34+861	Bridge in masonry 2 arches	mt.20	16%	15 Dec
AC/54 1020	ditto	Km.35+339	Bridge in masonry 3 arches	mt.30	20%	5 Dec
AC/54 1021	ditto	Km.36+016	Underpass steel	mt.8.50	20%	30 Nov

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MILAN COMPARTMENT

Description	Size	Progress	Est. date of completion permanent work	Remarks
Steel Bridge Continuous Span Recondition Span Pier Abutment All continuous spans heavily damaged. North span in the River. 1 Pier & Abutment Domodossola side damaged.	mt. 261 15x15x4 5x15x7	Temporary work 0% 30% 50%	Uncertain no steel	Trains up & from the interruption Temporary bridge is in steel work to be complete 31st. October/45 Now 40% complete Safe for winter.
queduct masonry	mt. 2	20%	30 November/45	Permanent work
Underpass masonry	mt. 3	15%	15 December/45	" "
Underpass masonry	mt. 3	10%	30 November/45	" "
Underpass in steel	mt. 7	13%	30 November/45	" "
Bridge in masonry 2 Arches	mt. 20	16%	15 December/45	" "
Bridge in masonry 3 Arches	mt. 30	20%	5 December/45	" "
Underpass steel	mt. 8.50	20%	30 November/45	" "

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Job No;	Agency	Location	Description	Size	Progress	
AC/54 1022	Cirola	Km. 4+142	Viaduct in masonry 3 Arches Foundation Piers Abutment Arch 1 Arch destroyed 1 Pier damaged	mt. 96 10x4x12 16x2,5x10 16x2,5x12 mt. 12	Temporary work 100% 60% 100% 0%	31
AC/54 1023	I.S.R.	Km. 6+945	Underpass masonry	mt. 8,65	15%	5th
AC/54 1024	I.S.R.	Between Mergozzo Cuzzago	Reconstruction trak	Km. 0.500		
AC/54 1025	I.S.R.	Lesa & Belgirate Station	Reconstruction N°6 Turnouts			

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MILAN COMPARTMENT

Description	Size	Progress	Est. Date of completion Permanent work	Remarks
duct in masonry 8 Arches	mt. 96	Temporary work		Temporary repair to be complete 31st Oct./45
Foundation	10x4x12	100%		
Foundation	16x2,5x10	60%		
Foundation	16x2,5x12	100%	31st March/45	
Foundation	mt. 12	0%		
Arch destroyed pier damaged				
Overpass masonry	mt. 8,65	15%	5th Dec./45	
Construction work	Km. 0.500			Awaiting sleepers
Construction 6 Turnouts				Awaiting Turnouts

MILAN COMPARTMENT

LINE N° 163 PAVIA-SOROGNO-MANTOVA

Job N°	Agency	Location	Description	Size	Progress
AC/161 1026	Off. Mancal- vi & C. Pavia Steel work	Over River Olona between Bel- giosso and Corte Olona Km. 17+170	Continuous span in <u>steel</u> Recondition span Abutment Continuous span & Abutment Pavia side damaged	mt. 31 5x5x3	100% 100%
AC/163 1027	Impresa I.C.O.S.	Over River Lambro near Lambriana Km. 37+436	Bridge in masonry <u>3 Arches</u> Foundations 2 Piers 2 Abutment 2 Temporary Recondi- tion, <u>Span</u> Bridge completely destroyed	mt. 42.90 3x15x5 10x12x5 10x12x4	Temporary work 100% 100% 90% 70%
AC/163 1028	S.A. Zerbinati Milano	Over river Adda near Pizzoghet- tone. Km. 7+269	Bridge in steel <u>3 Spans</u> Foundations Piers 2 Abutment 2 Removing span Recondition span Bdg. Completely destroyed.	mt. 154.50 3x12x4.50 6.50x10x3 6.50x10x4	Temporary work 100% 30% 70% 80% 10%

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MILAN COMPARTMENT

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Description	Size	Progress	Est. date of completion permanent work	Remarks
Continuous span in steel Recondition span Abutment Continuous span & Abutment Pavin side damaged	mt. 21 5x5x3	100% 100%	15th. July/45 complete	permanent repair Single Line
Bridge in masonry 3 Arches Foundations 2 Piers 2 Abutment 2 Temporary Recondition span Bridge completely destroyed	mt. 42.90 3x15x5 10x12x5 10x12x4	Temporary work 100% 100% 30% 70%	30th. September 1946	Temporary repair in steel work on the permanent abutment & temporary piers to be complete 7th. October/45 Now 95% complete Single Line
Bridge in steel 3 spans Foundations Piers 2 Abutment 2 Removing span Recondition span Bdg. Completely destroyed.	mt. 154.50 3x12x4.50 6.50x10x3 6.50x10x4	Temporary work 100% 30% 70% 80% 10%	Uncertain no steel	Temporary repair Single Line to be completed 31st. Oct./45 Now 40% complete

LINE N° 163 PAVIA-COROSHO-MANTOVA

MILANO COMPARTMENT

Job N°	Agency	Location	Description	Size	Progress	De c pe
AC/163 1029	S.A. Zeruinati Milano	River Oglio near Macaria Km. 87+270	Bridge in steel 3 spans Foundation stress Piers 2 Abutment 2 Remouving span Recondition span Edg completely destroyed.	mt. 128,40 3x12x3,50 5x9x2,50 5x9x4	Temporary work 100% 100% 100% 100% 100%	
AC/163 1030	I.S.R.	Cremona Station	Reconstruction Truck	mt. 2	50%	
AC/163 1031	Malleggi Aschie	Cremona Cazzo Pieve S. Giacomo Torre Picenardi Km. 33+367 Km. 35+805	Reconstruction Station & plate layers House		95%	
AC/163 1032	Garminati Guido	Cremona Station	Reconstruction Loco Dept.		40%	
AC/163 1033	Malleggi Luciano	Piadena Station	Reconstruction Station		65%	
AC/163 1034	Dalmiglio Luciano	Macaria Station	Reconstruction Station		75%	

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MILANO COMPARTMENT

Description	Size	Progress	Est. date of completion permanent work	Remarks
Bridge in steel 3 Spans Foundation piers Piers 2 Abutment 2 Removing span Recondition span Bdg completely destroyed.	mt. 128,40 3x12x3,50 5x9x2,50 5x9x4	Temporary work 100% 100% 100% 100% 100%	Uncertain no steel	Temporary repair single line actually completed 22 Sept./45 Safe for Winter.
Reconstruction Truck	mt. 2	50%	31st. October 1945	
Reconstruction Station & Plate layers House		95%	30th. Sept./45	
Reconstruction Loco Dept.		40%	15 August/46	
Reconstruction Station		65%	31 October/45	
Reconstruction Station		75%	31 October/45	

MILAN COMPARTMENTLINE N° 146 MILANO-SONDRIO

Job N°	Agency	Location	Description	Size	Progress	Est com per
AC/146 1035	F.lli. Todeschini	between Lecco & Abbazia Km.2+950	<u>Arch in masonry</u> <u>Arch</u> Arch damaged	mt.8	100%	15
AC/146 1036	A. Padoni Lecco	Over river Adda near Calolze Km.25+629	<u>Bridge in steel</u> Reconstruction of principal & transverse girders	mt.100	100%	10
AC/146 1037	F.lli Todeschini	Lecco	Reconstruction Station		75%	20
AC/146 1038	Corbi Elvezio	Colico	Reconstruction Station		95%	30
AC/146 1039	F.lli Moroni	Sondrio	Reconstruction Station		95%	30

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MILAN COMPARTMENT

Description	Size	Progress	Est.date of completion permanent work	Remarks
<u>Arch in masonry</u> <u>Arch</u> Arch damaged	mt.8	100%	15th.Sept./45	Permanent repair.
<u>Bridge in steel</u> Reconstruction of principal & transverse girders	mt.100	100%	10th.Sept./45	Permanent repair
Reconstruction Station		70%	20th.October 1945	
Reconstruction Station		95%	30th.Sept./45	
Reconstruction Station		95%	30th.Sept./45	

MILANO COMPARTMENTLINE N° 66 ALESSANDRIA PIACENZA

Job N°	Agency	Location	Description	Size	Progress
AC/66 1940	ING. Ranza Milan	Over river Trebbia near S. Nicola Piacenza Km. 93+350	Bridge in masonry <u>23 arches</u> Foundation Piers 7 Abutment 1 <u>Arches 14</u> 11 Arches destroyed 3 Arches heavily damaged 7 Piers destroyed Abutment Alessandria side heavily damaged	mt. 360.40 3x5.50x4 5x5x3 5x5x4 16x16.80	100% 75% 100% 10%

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MILANO COMPARTMENT

Description	Size	Progress	Est. Date of completion permanent work	Remarks
Bridge in masonry 23 Arches	nt. 325.40			Train run over diversion not safe for winter
Foundation	3x5.5x4	100%	30 th. Novem/ 1945	M.R.S. placing temporary spans.
Piers 7	5x5x3	75%		Arch will be built underneath
Abutment 1	5x5x4.50	100%		Single line.
Arches 14	14x16.50	100%		(X) Earth fill between some of the Piers will be left in.
11 Arches destroyed				Genoa compartment now transferred to Milano Compartment.
3 Arches heavily damaged				
7 Piers destroyed				
Abutment Alessandria side heavily damaged				

(X) May be necessary to Stone/pitch

Also Reel up for
Cement, all loc
Cement taken for
Line Bologna
Milano -

MILAN COMPARTMENTLINE N°155 PARMA-S.ZENO

Job N°	Agency	Location	Description	Size	Progress
AC/155 1041	Pitta Rossi Milano	Over river Oglio near Canneto Km.43+305	Steel Bridge 3 Spans Piers 2 Remouving span Recondition span 2 Spans damaged 1 span in the river	mt.175.00 7x10x4	Temporary work 30% 80% 10%
AC/155 1042	A. Radoni Lecco	Over river PO near Casal Maggiore Km.21+4	Steel Bridge 17 Spans Foundation 3 Piers 5 Abutment 1 Remouving spans Recondition spans 9 Spans in the river 3 Piers destroyed 2 Piers heavily damaged Abutment north side destroyed 1 Span damaged	mt.1070.20 4x7x4,30 8x5x3 8x5x6	Temporary work 100% 10% 10% 70% 5%

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PLAN COMPARTMENT

Description	Size	Progress	Est. date of completion of permanent work	Remarks
Steel Bridge 3 Spans Span 2 Saving span Condition span Span damaged Span in the river	mt. 175.00 7x10x4	Temporary work 30% 80% 10%	uncertain no steel	Temporary repair in steel work to be completed 15th. Novem/45 now 32% complete Single line
Steel Bridge 7 Spans Foundation 3 Piers 5 Abutment 1 Saving Spans Condition spans Span in the river Piers destroyed Piers heavily damaged Abutment north side destroyed Span damaged	mt. 1070.20 4x7x4, 50 8x5x3 8x5x6	Temporary work 100% 10% 10% 70% 5%	UNCERTAIN no steel	Steel work Temporary repair to be completed 31st. Decem/45 now 20% complete Single line

LINE N°65 MILANO-MODENA

FELTRE COMPANY

Job N°	Agency	Location	Description	Size	Progress
AC/65 1043	S.A. Badoni Iccco	Over River PO near Piacenza	Bridge in steel 11 spans Foundations Piers Recovering spans Recondition spans 8 spans damaged 3 spans in the river	mt. 725 5x17x5 15x15x4	Temporary work 100% 100% 85% 50%
AC/65 1044	S.A.C. S.p.A. Milan	Over river PARMA near Parma Km. 98+035	Bridge in masonry 20 arches Foundation Abutment Piers 4 13 arches 4 Piers & Foundat ion destroyed 13 arches & abut- ment destroyed	13x15x10 5x13x5 5x10x4	100% 40% 90% 15%
AC/65 1045	Impresa Galeazzi Giunti	Between Km. 59+708 Km. 291-350	Reconstruction track	Km. 40,926	20%
AC/65 1046	Spazzi Angelo	Casalpuster- leno	Reconstruction Station		75%

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Description	Size	Progress	Est. date of completion permanent work	Remarks
Age in steel spans foundations spans curving spans masonry spans spans damaged spans in the river	MS-725 5x17x5 6x16x4	Temporary work 100% 100% 85% 80%	Uncertain no steel	Steel span temporary repair single line to be complete 15th. October/45 now 85% complete
Edge in masonry arches foundation abutment arches arches arches & abutment destroyed arches & abutment destroyed	13x15x10 5x13x5 5x12x4	100% 40% 90% 15%	31st. Oct/45	S.R.S. Placing temporary steel spans. Single line be complete 5th. Oct./45 Masonry work to be continue* on the se- cond track, to be complete 31st. Oct./45 now 50% complete
construction track	Km. 40, 926	20%	Sept./46	double line
construction station		75%	15th. Oct./45	(x) This is well behind schedule, probably complete November

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Job N°	Agency	Location	Description	Size	Progress	Est com per
10/65 1947	Spaszi Angelo	Codogno	Reconstruction Station		45%	30
10/65 1948	Spaszi Angelo	Km. 148+725 Km. 175+553 Km. 176+375	Reconstruction plate layers Houses		100%	10

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MILAN COMPARTMENT

Description	Size	Progress	Est. date of completion permanent work	Remarks
Construction Station		45%	30th. November 1945	
Construction late layers Houses		100%	10th. September 1945	

LINE N° 158 CREMONA-FIDENZAMEASUREMENT

Job N°	Agency	Location	Description	Size	Progress	Est.
40/158 1049	Ing. Mottura & Zacheo Milan	Over river PO near Cremona Km. 3+026	Steel Bridge 12 Continuous spans Foundation Piers 3 Abutment 1 Regraving span Recondition span Abutment Cremona side damaged 1 pier destroyed 2 piers damaged 4 spans in the river	mt. 1045.55 4x2x6 7x17x4.5 7x17x6	TEMPORARY work 60% 30% 50% 70% 15%	
<u>LINE N° 159 BRESCIA-CREMONA</u>						
40/156 1050	SANICEN Crema	Over river Oglio near Robecco Km. 6+241	3 arches in masonry Foundation Piers 2 Abutment Arches destroyed Piers heavily damaged Abutment Cremona side damaged	mt. 66 2x15x6 5x15x4 5x12x6	Temporary work 50% 50% 10%	

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PIERS AND PARTS

Description	Size	Progress	Est. Date of completion permanent work	Remarks
Steel Bridge 12 Continuous Spans Foundation Piers 3 Abutment 1 Removal span Recondition span Abutment Cronona side damaged 1 pier destroyed 2 piers damaged 4 spans in the river	nt. 1045.85 6x2x6 7x17x4.5 7x17x6	TEMPORARY work 80% 30% 50% 70% 15%	Uncertain no steel	Temporary repair in steel work to be completed 30th. November/45 now 50% complete Single line
3 Arches in masonry Foundation Piers 2 Abutment Arches destroyed Piers heavily damaged Abutment Almeneta side damaged	nt. 66 2x15x6 5x15x4 5x12x6	Temporary work 100% 50% 10%	September/46	Temporary repair in steel spans on the permanent piers to be complete 31st. October/45 Single line.

MILAN COMPARTMENT
LINE N° 153 ROVATO - CAIOLATO CORTE

Job N°	Agency	Location	Description	Size	Progress	
AG/153 1051	Scagnoli Milan	Over river Oglio near Salizzada- lo Km. 43+049	Viaduct in masonry 9 arches Piers 6 Arches 7 destroyed 6 arches 1 arch heavily damaged 6 Piers heavily damaged	mt. 130 18x5x5 mt. 20	40%	3
AG/153 1052	Falli. Ravasio	Ponte S. Pietro	Reconstruction Station		80%	1
<u>LINE N° 150 COLICO - CHI VERNIA</u>						
AG/150 1053	Ing. Chiesa Milano	Over river Adda between Colico & Dubino Km. 3+370	Bridge in masonry 5 arches Arch 1 Pier 1 1 arch damaged 1 Pier damaged	mt. 30 18x5 4x5x3	10% 25%	31

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HIDEN COMPARTMENT

Description	Size	Progress	Est. date of completion permanent work	Remarks
Viaduct in masonry 9 Arches Piers 6 Arches 7 Destroyed 5 arches 1 arch heavily damaged 5 Piers heavily damaged	mt. 130 18x5x5 mt. 20	40% - 0%	31st. March/46	Permanent repair single line Now 26% complete 0
Reconstruction Station		80%	10 October/45	
Bridge in masonry 5 Arches Arch 1 Pier 1 1 Arch Damaged 1 Pier Damaged	mt. 90 18x5 4x5x3	10% 25%	31st. March/46	Permanent repair single line Now 22% complete 0

MILAN COMPARTMENTLOCAL WORK

Job No	Agency	Location	Description	Size	Progress	
AC/1054	Ing. Incca Mario Milano	Milan	Reconstruction Milano-Smistamento Station		40%	
AC/1055	Pietro Bernè	Milan	Reconstruction for crane, Milano-Smista- mento-Station		20%	1
AC/1056	Pietro Bernè Milano	Milan	Reconstruction loco Depot, Milano-Smista- mento-Station		60%	
AC/1057	Zuccarini Mario Milan	Milan	Reconstruction roof Milan, Smistamento- Station, Piccetto side		40%	3
AC/1058	Stef. Della Carlini Milano	Milan	Repair shed Central Station		45%	30
AC/1059	Filli. Aielli Milano	Milan	Repair Milano Porta Genova Station		20%	3
AC/1060	Fenaroli Mario	Milan	Repair Milano Porta Vittoria		30%	
AC/1061	Zambelli Milano	Milan	Repair Milano-S. Cristo- foro Station		40%	

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RAILWAY COMPARTMENT

Description	Size	Progress	Est. date of completion permanent work	Remarks
Construction Milano-Smilstano Station		40%	20th. October/45	
Construction for Milano-Smilstano Station		20%	15th. November/45	
Construction loco Milano-Smilstano Station		60%	7th. October/45	
Construction roof Milano-Smilstano Station, Poltello side		40%	31st. October/45	
Construction shed Central Station		45%	20th. November/45	
Construction Milano Genova Station		20%	31st. December/45	
Construction Milano Vittoria		30%	15th. December/45	
Construction Milano-Smilstano Station		40%	10th. November/45	

TRANSPORTATION SUB-COMMISSION
(RAIL DIVISION)
c/o transportation Increment
C.E.F.

TO Col. HARRIS CE.
Transportation Sub-Comm.
Advanced Echelon AC.

29 August 1945

Ref : AC/Tn/44 CE
Subject: Monthly Reports

Herewith copy for August/45.-
Line numbers refer to those on the diagrammatic plan
of Railroads North Italy already sent to you.

To Ing. Bianchi
" Aschieri
HQ. Rome.

S.F. Buckley
Major R.E.

1 4 3 2

TRANSPORTATION SUB-COMMISSION

(RAIL DIVISION)

c/o Transportation Increment
M.R.S.

*Milan file
Monthly Reports*

TO : COL HARRIS CE

Chief Transportation Officer
Advanced Electron A.C.

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

3rd. August '45

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

PD

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

P.S. BUCKLEY
Major R.E.

breaks & Temporary Repairs.
2.- Monthly Reports for Milan Division to be in conjunction with the a/m plan.
3.- As & when Trieste, Venice, Verona, Bologna, Florence, Genoa, Turin reports are received a copy will be sent you.

PD

P.S. BUCKLEY
Major R.E.

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

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Sup. KEMELLI

RAILWAY RECONSTRUCTION CONTRACT WORK UNDER CONTROL OF

WINTERIZATION
MILAN COMPARTMENT

LINE N°61 MILAN GENOA

Job N°

Job N°	Agency	Location	Description	Size	Progress	Est. of Cost Permit
AC/61 1001	Ditta Damian " U'Alce	from Milan to Pavia	Reconstruction Track	Km. 11,500	80%	30
AC/61 1002	Ing. Lucca Milano <u>masonry work</u> S.A.A. Badoni Lecco Steel work	over River PO near Mezzana Km. 14+988	Bridge Steel - 10 spans first pier destroyed Pavia side with relative spans ruined Removing spans Recondition spans other 4 spans fallen in the river	St. 700 8x10x4	Temporary 100% 60% 35%	Work Uncon- no
AC/61 1003	Ing. Lucca Milano <u>masonry work</u> S.A.A. Badoni Lecco Steel work	over River Ticino near Pavia Km. 23+923	Bridge in masonry <u>5 arches</u> Foundation Piers 4 All arches destroy- ed and Piers heavily damaged	St. 180 4x12x6 6x10x4	Temporary Work 100% 100%	New he, bu altera on
AC/61 1004	Ditta Garba- gna Giulio	Pavia Station	Reconstruction roof Station and floor of Lecco Depot		100%	31

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Sgt. R. F. H. E. L. T. I.

Draft Copy Milan file

RAILWAY RECONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

WINTERIZATION
MILAN COMPARTMENT

STATE OF WORK

26 Sept/45

Location	Description	Size	Progress	Est. date of completion Permanent Work	Remarks
Milan	Reconstruction Track	11,500	80%	30/9/45	Single Line
Ver PO Pozzano	Bridge Steel - 10 spans First pier destroyed Pavia side with relative spans Prep. ruined Removing spans Recondition spans Other 4 spans fallen in the river	st. 760 8x10x4	Temporary Work 40% 60% 35%	Uncertain no steel	Single line With temporary steel work to be completed 15 October 45 then it will be safe for winter work 50% complete
River to Pavia 1923	Bridge in masonry 3 arches Foundation Piers 4 All arches destroyed and Piers heavily damaged	st. 180 4x12x6 8x10x4	Temporary Work 100% 100%	New Bridge to be built September/46 on new alignment	On new alignment with temporary single line - temporary bridge safe for main line traffic completed 26 Sept. 45 100%
Station	Reconstruction roof Station and floor of Locos Depot		100%	31 August/45	Completed

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LINE N°53 MILAN-VENICE

MILAN CO. PARTMENT

Job N°	Agency	Location	Description	Size	Progress	Est. Amount
AC/53 1005	Impresa Cappelletti	Over River Serio near Romano Km. 42+144	Bridge in masonry 7 Arches <u>Completely destroyed</u> Foundation Piers 6 Abutments 2 Recondition span	mt; 112 3x12x4 6x10x3 6x10x5	Temporary Work 100% 100% 100% 100%	
AC/53 1006	Pavan Clindo	Over River Chiese near Ponte S. Marco Km. 97+900	Arche in masonry Recondition span Abutment Arch & abutment Milan side destroyed	mt; 30 6x10x5	Temporary work 100% 100%	
AC/53 1007	Pavan Clindo	Roggia Calci- nato Km. 98+199	Arches in masonry Foundation Piers 2 Arches Recondition span 1 Pier and 2 Arches destroyed	4x10x3 3x12x4	Temporary work 100% 100% 35% 100%	

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MILAN COMBASTMENT

on	Description	Size	Progress	Est. date of completion from permanent work	Remarks
iver mano 144	Bridge in masonry 7 Arches <u>Completely destroyed</u> Foundation Piers 6 Abutments 2 Recondition span	mt: 112 3x12x4 6x10x3 6x10x5	Temporary Work 100% 100% 100% 100%	September 16	Single bay with temporary steel work completed 5/5/45 Safe for winter in hand for per- manent repair
er ate 00	Arche in masonry Recondition span Abutment Arch & abutment Milan side destroyed	mt: 30 6x10x5	Temporary work 100% 100%	September 16 X →	Single bay with tempo- rary steel work completed 10/5/45 Safe for winter Permanent work transferred to Verona compartment
Calci- 09	Arches in masonry Foundation Piers 2 Arches Recondition span 1 Pier and 2 Arches destroyed	4x10x3 3x12x4	Temporary work 100% 100% 35% 100%	September 16	Single bay with temporary steel work completed 10/6/45 Safe for winter Permanent work to be transferred to Verona Compartment
				X Take off Milano put in Verona sheet	

1-4-3-8

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MILAN COMPARTMENT

LINE N°53 MILAN-VERICE

Job No	Agency	Location	Description	Size	Progress	Est. date Plan. Pers.
AC/53 1008	Ing. Bruno Chiesa Milano	Over Valle near Desenza- no Km. 108+520	<u>Viaduct in masonry</u> Arches 4 Foundation <u>Piers 2</u> 4 Arches destroyed 2 Piers destroyed	mt. 296,65 10x17x45 4x12x10 25x10x8	0% 100% 10%	Unce
AC/53 1009	Impresa Astaldi Milano	Over River Mincio near Peschiera Km. 12+931	<u>7 Arches in masonry</u> Arches 7 Arches 7 Foundation Piers 4 <u>Abutment 2</u> All Arches destroyed. 3 Piers heavily damaged 1 Pier cracked 4 Abutment heavily damaged	mt. 110,55 3x12x5 12x10x4 12x10x5	0% 10% 5% 10%	31/11
AC/53 1010	I.S.R.	Over River ADDA near Cassano Km. 27+649	<u>Bridge masonry</u> 5 Arches Foundation Piers 2 <u>Abutment</u> 2 Arches 1 Pier 1 Abutment destroyed.	mt. 125 4x12x5 5x10x3,5 5x10x4,5	Temporary Work 400% 100% 100%	Septem
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785021

MILAN COMPARTMENT

X Terra Steels³¹

Description	Size	Progress	Est. date of completion	Remarks
<u>Viaduct in masonry</u> Arches 4 Foundation Piers 2 4 Arches destroyed 2 Piers destroyed	mt. 296.65 10x17x45 4x12x10 25x10x8	0% 100% 10%	Uncertain X	Contractor held up two months awaiting return of design from ISR Rome Temporary Diversion Safe for winter Transferred to compartment
7 Arches in masonry Arches 5 Arches 7 Foundation Piers 4 Abutment 2 All Arches destroyed. 3 Piers heavily damaged 1 Pier cracked 4 Abutment heavily damaged	mt. 110.55 3x12x5 12x10x4 12x10x5	0% 10% 5% 10%	31 May '46 X	Temporary diversion Single line - Not considered safe for winter Transferred to Verona Compartment Permanent work continues -
Bridge masonry 5 Arches Foundation Piers 2 Abutment 2 Arches 1 Pier 1 Abutment destroyed.	mt. 125 4x12x5 5x10x3.5 5x10x4.5	Temporary work 100% 100% 100%	September 46	Single line. Temporary repair in steel work completed 25/5/45 In hand for permanent repair Safe for winter
			This should be 10/4/46	next week

785021

MILAN COMPARTEMENT

JOB NO	Agency	Location	Description	SIZE	Progress	Est. Comp. Per.
AC/53 1011	I.S.R. & Capietti	Milano Smistamento Station	Reconstruction track for Loco Depot	Km. 3500	50%	31
AC/53 1012	Ditta Curti Rovato	Rovato Station	Reconstruction Station		95%	20
AC/53 1013	Ditta Pedrini Germano	Brescia Station	Reconstruction 2 Culverts Movement office & Station roof	mt. 2	50%	Oct

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X For Oct Report ^{4/}
Say why.

on	Description	SIZE	Progress	Est. date of Completion Permanent Work	Remarks
no into n	Reconstruction track for Loco Depot	Est. 0000	50%	31 st March /46	X
ation	Reconstruction Station		95%	20 June 46	
	Reconstruction 2 Culverts Movement Office & Station roof	Est. 2	50%	October 45	

LINE N°54 MILANO-BONOMOGLIA

MILAN DEPARTMENT

Job N°	Agency	Location	Description	Size	Progress	Est. date completion signature
AC/54 1014	Impresa Bonfiglio	Over River Ticino near Sesto Calende Km.42+884	Steel Bridge continuous span Recondition span Pier abutment all continuous spans heavily damaged. North span in the river. Pier & abutment Bonomo- glia side damaged.	mt.261 9x15x4 5x15x7	Temporary work 0 % 30 % 50 %	Uncertain no
AC/54 1015	Impresa Girola	Km.28+128	Aqueduct masonry	mt.2	20 %	20 mch
AC/54 1016	ditto	Km.30+506	Under pass masonry	mt.3	15 %	15 Dec
AC/54 1017	ditto	Km.32+379	Under pass masonry	mt.3	10 %	30 not
AC/54 1018	ditto	Km.32+930	Under pass in steel	mt.7	13 %	20 not
AC/54 1019	ditto	Km.34+851	Bridge in masonry 3 Arches	mt.20	16 %	15 Dec
AC/54 1020	ditto	Km.35+339	Bridge in masonry 3 Arches	mt.30	20 %	5 Dec
AC/54 1021	CS Giro 020	Km.36+016	Under pass steel	mt.8.50	30 %	30 not

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MILAN COMPARTMENT

Description	Size	Progress	Est. date of completion of permanent work	Remarks
Steel Bridge Continuous Span Recondition Span Pier Abutment All continuous spans heavily damaged. North span in the River. Pier & Abutment Domodossola side damaged.	mt. 261 5x15x4 5x15x7	Temporary Work 0% 30% 50%	Uncertain no fixed	Train up & from the intermittent Temporary bridge in that work to be completed 31st October / 45 now 40% completed Safe for winter
Aqueduct masonry	mt. 2	20%	30 Nov / 45	Permanent work
Under pass masonry	mt. 3	15%	15 Dec / 45	"
Under pass masonry	mt. 3	40%	30 Nov / 45	"
Under pass in steel	mt. 7	13%	20 Nov / 45	"
Bridge in masonry 2 Arches	mt. 20	16%	15 Dec / 45	"
Bridge in masonry 3 Arches	mt. 30	20%	5 Dec / 45	"
Under pass steel	mt. 2.50	30%	30 Nov / 45	"

WILSON CONFIDENTIAL

Job No	Agency	Location	Description	Size	Progress
AC/54 1022	Girola	Km. 4+142	Viaduct in masonry 8 arches Foundation Piers Abutment Arch 1 Arch destroyed 1 Pier damaged	mt. 96 10x4x12 16x2,5x10 16x2,5x12 mt. 12	Temporary Work 100 % 60 % 100 % 0 %
AC/54 1023	IstSotR	Km. 6+945	Underpass masonry	mt. 2,65	15 %
AC/54 1024	I.S.R.	Between Mergozzo Gazzano	Reconstruction road Track	Km. 0.500	-
AC/54 1025	I.S.R.	Issa & Belgirate Station	Reconstruction No 6 Turnout	-	-

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RAILROAD REPAIRS

After Temporary Work Completed Project

Description	Size	Progress	Est. date completion Permanent work	Remarks
Viaduct in masonry 8 arches Foundation Piers Abutment Arch 1 arch destroyed 1 pier damaged	mt. 90 10x4x12 16x2, 5x10 16x2, 5x12 mt. 12	Temporary work 100% 60% 100% 0%	31 March/46	Temporary repair to be completed 31 Oct. 45 X
Underpass masonry	mt. 8, 65	15%	5 Dec/45	
Reconstruction Track Track	Em. 7.300	-	-	Awaiting Track sleepers.
Reconstruction No Turnout	-	-	-	awaiting Turnouts

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LINE N°163 PAVIA-CODECONE-MANTOVA

MILAN DEPARTMENT

JOB N°	Agency	Location	Description	Size	Progress	Est. of Completion
AC/163 1026	Off. Mancal-vi & C. Pavia Steel work	Over River Olona between Belgioioso and Corte Olona Km. 17+170	Continuous span in steel Redondition span Abutment Continuous span & Abutment Pavia Side Damaged	st. 21 6x5x3	100 % 100 %	15th To Com
AC/163 1027	Impresa C.O.S	Over River Lambro near Lambrinia Km. 31+436 Temporary -> Bdy	Bridge in masonry 3 Arches Foundations 2 Piers 2 Abutment 2 Redondition span Span completely destroyed	st. 42.30 3x15x3 10x12x3 10x12x4	Temporary Work 100 % 100 % 90 % 50 %	30th
AC/163 1028	S.A. Zorbinati Milano	Over River Adda near Pizzighetzone. Km. 7+969	Bridge in steel 3 Spans Foundations Piers 2 Abutment 2 Removal span Redondition span Bdy Completely destroyed	st. 154.50 3x12x4.90 6.50x10x3 6.50x10x4	Temporary Work 100 % 30 % 70 % 80 % 10 %	Unc Sta

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for Removal - Note when
ALV 11/15 - 1 Project to

447

PLAN COMPARTMENT

71

Description	Size	Progress	Est. date of Completion Permanent work	Remarks
Continuous span in steel Recondition span Abutment	st. 21 6x5x3	100% 100%	15th July 45 complete	Permanent repair Single line
Continuous span & Abutment have side damaged				
Bridge in masonry 3 arches Foundations 2 Piers 2 Abutment 2 Recondition span span completely destroyed	st. 42.90 3x15x5 4x12x5 10x12x4	Temporary Work 100% 100% 90% 50%	30th September 46	Temporary repair in steel work on the inner most abutment & tempo- rary piers to be completed 4th Oct/45 - now 95% complete Single line
Bridge in steel 3 spans Foundations Piers 2 Abutment 2 Remove span Recondition span Completely destroy- ed	st. 154.50 3x12x4.50 6.50x10x3 6.50x10x4	Temporary work 100% 30% 70% 80% 10%	Uncertain no steel	Temporary repair Single line to be completed 31 Oct/45 now 10% complete

for Remarks - Note when Temporary work complete
AKV:1115 - 1 Progress to show % of Permanent
work

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LINE N°163 PAVIA-CODOGNO MANTOVA

MILAN DEPARTMENT

Job N°	Agency	Location	Description	Size	Progress	Est. date of completion permanent work
AG/163 1029	S.A. Lerbinati Milano	River Oglio near Macarisa Km. 37+370	Bridge in steel 3 spans Foundation Piers Abutment 2 Removal of Recondition upon Bridge most com- pletely destroyed	Mt. 123.40 3x12x3.50 5x9x2.50 5x9x4	Temporary work 100% 100% 100% 100% 100%	uncertain no steel
AG/163 1030	I.S.R.	Cremona Station	Reconstruction Track	M. 2	50%	31 st Oct, 45
AG/163 1031	Melaggi Aschie	Cremona Gazzo Pieve S. Giacomo Torre Piconar- 61. Km. 33+387 Km. 36+305	Reconstruction Station and slate layers House		95%	30 th Sept 45
AG/163 1032	Carminati Guido	Cremona Station	Reconstruction Loco Dept		40%	15 th Dec 46
AG/163 1033	Melaggi Imolano	Pladena Station	Reconstruction Station		65%	31 st Oct 46
AG/163 1034	Daimiglio Imolano	Sarcaria Station	Reconstruction Station		75%	31 st Oct 46

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MYLAN COMPARTMENT

81

Description	Size	Progress	Est. date of completion of permanent work	Remarks
Bridge in steel 3 spans Foundation Piers Abutment 2 Removal of span Recondition span Bridge abutment com- pletely destroyed	mt. 128.45 3x12x3.50 5x9x2.50 5x9x4	Temporary work 100 % 100 % 100 % 100 % 100 %	uncertain no steel	Temporary repair single pier Actually completed 29 Sept / 45 Safe for winter
Reconstruction Track	3m.2	50 %	31 st Oct / 45	
Reconstruction Station and Plate layers House		95 %	30 th Sept / 45	
Reconstruction Loop Dept		40 %	15 th Aug / 45	
Reconstruction Station		65 %	31 st Oct / 45	
Reconstruction Station		75 %	31 st Oct / 45	

LINE N° 146 MILANO-SONDRIO

VILLAN COMPARTEN

Job N°	Agency	Location	Description	Size	Progress	Est. date completion Permanence
AC/146 1035	F.lli. Tedeschini	between Lecco & Abbadia Km. 2+950	Arch in masonry <u>Arch</u> Arch damaged	mt. 5	100 %	15 th Sept
AC/146 1036	A. Badoni Lecco	Over river Adda near Calolzio Km. 20+630	Bridge in Steel Reconstruction of principal & transverse girders	mt. 100	100 %	18 th Sept
AC/146 1037	F.lli. Tedeschini	Lecco	Reconstruction Station		70 %	20 th Oct
AC/146 1038	Corti Elvezio	Calice	Reconstruction Station		95 %	30 th Sept
AC/146 1039	F.lli. Moroni	Sondrio	Reconstruction Station		95 %	30 th Sept

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2/

Location	Description	Size	Progress	Est. date of completion of Permanent Work	Remarks
Lecco	Arch in masonry	mt. 8	100%	15 th Sept/45	Permanent repair
	Arch damaged				
Ar	Bridge in Steel	mt. 100	100%	10 th Sept/45	Permanent repair
Blasio	Reconstruction of principal & transverse girders				
	Reconstruction Station		70%	20 th Oct/45	
	Reconstruction Station		95%	30 th Sept/45	
	Reconstruction Station		95%	30 th Sept/45	

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LINE N°66 ALESSANDRIA-PIACENZA

MILAN DEPARTMENT

Job No	Agency	Location	Description	Size	Progress	Est. cost annually
AC/66 1040	Ing. Ranza Milano	Over River Trebbia near S. Nicola Km. 23+30 (Piacenza)	Bridge in masonry 23 Arches Foundations Piers 7 Abutment 1 Arches 14 11 Arches destroyed 3 Arches heavily damaged 7 Piers destroyed Abutment Alessan- dria side heavily damaged.	mt. 386,40 3x5,50x4 5x5x3 5x5x4 14x16,40	100% 75% 100% 10%	30% Earth some of will be

⊗ M/

Also

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MILAN COMPARTMENT

Description	Size	Progress	Est. date of completion of permanent work	Remarks
Work in masonry	mt. 386,40			
23 arches		100%	30th Nov / 15	Gravels run over
foundations	3x5,5x4	75%		Overpass not safe for winter
Arch 7	5x5x3	100%		M.R.S. placing temporary
Outment 1	5x5x4	10%		Plans - Arches will be built underneath
Arches 14	14x16,40			single line.
Arches destroyed				
Arches heavily damaged				
Piers destroyed				
Outment Alongside				
side heavily damaged.				

⊗

Earth fill between

Some of the Piers

Will be 6 ft in

new transferred to

Milano Compartment

⊗ May be necessary to Stone/pit

Also held up for Cement all
local Cement taken
for line 65 Bologna
Milano.

1434

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LINE NO 155 PAPER-3.3-NO

MILAN COMPARTMENT

Job No	Agency	Location	Description	Size	Progress
AC/155 1041	Editta Rossi Milano	Over River Tiglio near Canneto Km. 43+335	Steel Bridge 3 Spans Piers 2 Removing span Recondition span 2 Spans damaged 1 Span in the river	Est. 175,000 7x10x4	Temporary Work 30% 80% 10%
AC/155 1042	R. Radoni Lecco	Over River PO near Casal Buggiolo Km. 21+4	Steel Bridge 17 Spans Foundation 3 Piers 5 Abutment 1 Removing spans Recondition spans 3 Spans in the river 3 Piers destroyed 2 Piers heavily damaged Abutment North side destroyed 1 Span damaged	Est. 1070,000 4x7x4,50 8x5x3 8x5x6	Temporary Work 100% 10% 10% 70% 5%

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MILAN COMPARTMENT

11/

Description	Size	Progress	Est. date of completion Permanent work	Remarks
Steel Bridge 3 spans	mt. 1720	Temporary work	uncertain	Temporary repair in steel work to be completed
Piers 2		30%	no steel	15 Nov / 45
Removing span	7x10x4	80%		now 82% complete
Recondition span		10%		Single line
2 spans damaged				
1 span in the river				
Steel Bridge 17 spans	mt. 1070, 23	Temporary work	uncertain	Steel work
Foundation 3	4x7x4, 52	100%	no steel	Temporary repair to be completed
Piers 5	2x5x3	10%		31 Dec / 45
Abutment 1	3x5x6	10%		now 90% complete
Removing spans		70%		Single line
Recondition spans		5%		
3 spans in the river				
3 piers destroyed				
2 piers heavily damaged				
Abutment North side destroyed				
1 span damaged				

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F. 21. 7

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LINE N°55 DELTA DEL PO

PLAN COMPARTIMENTI

July

Job N°	Agency	Location	Description	Size	Progress	Est. de comple- tamento
AG/65 1043	S.A. Radoni Lecco	Over river Po near Piacenza Km. 143+315	Bridge in steel 41 spans Foundations Piers Remouvements Recondition spans Spans damaged spans in the river	mt. 725 5x17x5 8x16x4	Temporary Work 100% 100% 85% 60%	Unco- m-
AG/65 1044	S.A. C. C. P. Milan	Over River Taro near Parma Km. 18+000	Bridge in masonry 20 Arches Foundation Abutment Piers 4 13 Arches Piers & Founda- tion destroyed 13 Arches & abut- ment destroyed	3x15x13 5x10x5 5x10x4	100% 40% 99% 15%	21.5%
AG/65 1045	Impresa Calomazzi Giunci	between Km. 59+708 & Km. 203+880	Reconstruction track	Km. 40.325	30%	1/2
AG/65 1046	Spazzi Angelo	Casalpuster- lengo.	Reconstruction station		45%	1/5th

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785021

Ing. Novaretti

12/

RECONSTRUCTION

Description	Size	Progress	Est. date of completion of permanent work	Remarks
Bridge in steel 11 spans Foundations Piers Removal of damaged reconstruction spans spans damaged spans in the river	mt. 725 5x17x5 5x16x4	Temporary work 100% 100% 85% 60%	Uncertain no steel	Steel Span temporary repair single line to be complete 15 th Oct. / 45 now 85% complete
Bridge in masonry 20 arches Foundation abutment Piers 4 3 arches Piers & Founda- tion destroyed 3 arches & abut- ment destroyed	3x15x1 5x17x5 5x16x4	100% 40% 90% 15%	31 st Oct 45	M.R.S. laying temporary steel spans - single line to be complete 5 Oct 45 Masonry work to be conti- nued on the second track to be complete 31 st Oct / 45 now 50% complete
Reconstruction track	km. 42.725	30%	24 th / 45	double line
Reconstruction station		75%	15 th Oct / 45	

ⓧ This is well behind
Schachtel. probably
complete November

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13/

LINE N°65 MILAN-BOLZONA

Job N°	Agency	Location	Description	Size	Progress	Est. date completion performance
AC/65 1047	Spazzi Angelo	Codogno	Reconstruction Station		15%	30th Nov
AC/65 1048	Spazzi Angelo	Km. 148+795 Km. 175+559 Km. 176+375	Reconstruction Plate layers Houses		100%	15th Feb

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13/

WILSON CONTRACT

Description	Size	Progress	Est. date of completion of permanent work	Remarks
Reconstruction Station		45%	30th Nov '45	
Reconstruction Plate layers Houses		100%	15th Sept '45	

1460

LINE N° 152 CREMONA - PIGNELLA

PLAN DEPART

Job N°	Agency	Location	Description	Size	Progress	Ed. Cont. 1/2
AC/152 1049	Ing. Bottura & Zacheo Milan	Over river PO near Cremona Km. 3+026	Steel Bridge 12 continuous spans Foundation Piers 3 Abutment 1 Temporary span Abutment Cremona side damaged 1 Pier destroyed 2 Piers damaged 4 spans in the river	mt. 1045,65 4x2x6 7x17x4,5 7x17x6 Recondition span	Temporary Work 80% 30% 50% 70% 15%	U

LINE N° 156 BRESCIA - VERONA

AC/156 1050	SAATCHI Cremona	Over River Olio near Robec- co. Km. 6+241	3 Arches in masonry Foundation Piers 2 Abutment Arches destroyed Piers heavily damaged Abutment Imboneta side damaged	mt. 666 2x15x6 5x15x4 5x12x6	Temporary Work 100% 50% 70%	U
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PLAN TO PART II

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Description	Size	Progress	Est. date of completion permanent work	Remarks
Steel Bridge 12 Continuous spans	mt. 1045, 65	Temporary work	Uncertain	Temporary repair in steel work to be complete 30 nov/45
Foundation	11x28x6	80%	no steel	
Piers 3	7x17x4, 5	30%		
Abutment 1	7x17x6	50%		
Removal span	second span	70%		now 50% complete
Abutment Crenelated side		15%		Single line
1 Pier destroyed				
2 Piers damaged				
4 spans in the river				
3 Arches in masonry	mt. 66	Temporary work	September 1945	Temporary repair in steel spans on the permanent piers to be complete 31 oct/45
Foundation	2x15x6	100%		
Piers 2	5x15x4	50%		
Abutment	5x12x6	10%		
Arches destroyed				
Piers heavily damaged				
Abutment masonry side damaged				now 40% complete single line

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LINE N° 121 BOVATE - CALZADILLA - 10512

MIL. R. EQUIPMENT

JOB N°	Agency	Location	Description	Size	Progress	Est. date completion fundament
AC/153 1051	Romagnoli Milan	Over river Oglio near Palazzolo Km. 43-44	Viaduct in masonry 9 Arches Pier 6 Arches 7 destroyed 6 arches 1 arch heavily damaged 6 pier heavily damaged	mt. 180 18x5x5 mt 20	10% 0%	31 st mar
AC/153 1052 111	Flli. Ravasio	Ponte S. Pietro	Reconstruction Station		50%	10 th oct
LINE N° 150 GALLIO - RIVAREDA						
AC/150 1053	Ing. Chiesi Milano	Over River Adda between Gallio & Lubino Km. 3+370	Bridge in masonry Reconstruction in 5 arches Arch 1 Pier 1 1 arch damaged 1 Pier damaged	mt. 30 10x5 4x3x3	10% 25%	31 st mar

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PLANS DEPARTMENT

Description	Size	Progress	Est. date of completion of permanent work	Remarks
Viaduct in masonry 9 arches Piers 6 arches 7 destroyed 6 arches 1 arch heavily damaged 5 piers heavily damaged	mt. 150 18x35x5 mt 20	40% 0%	31 st march/46	Permanent repair single line now 26% complete
Reconstruction station		80%	10 th oct /45	
Bridge in masonry construction in masonry 5 arches arch 1 pier 1 1 arch damaged 1 pier damaged	mt. 90 18x5 4x5x3	10% 35%	31 st march/46	Permanent repair single line now 32% complete

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MILAN WORK

MILAN C. PARTNER

Job No.	Agency	Location	Description	Size	Progress	Estimate Period
AC/1054	Ing. Lucca Mario Milano	Milan	Reconstruction Milano-Saintamento Station		40%	30th
AC/1055	Pietro Berné Milano	Milan	Reconstruction for crane, Milano-Sainta- mento-Station		20%	15th
AC/1056	Pietro Berné Milano	Milan	Reconstruction Lo- co Depot, Milano- Saintamento-Station		60%	7th
AC/1057	Lucarini Mario	Milan	Reconstruction roof Milan, Saintamento Station, Pioltello Side.		40%	31st
AC/1058	S.A. Officine della Carlini Milano	Milan	Repair shed Central Station		45%	30th
AC/1059	Filli. Aielli Milano	Milan	Repair Milano Porta Genova Station		30%	31st
AC/1060	Fenaroli Milano	Milano	Repair Milano Porta Vittoria Station		30%	15th
AC/1061	Zambelli Milano	Milan	Repair Milano S. Cristoforo Station		40%	30th

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MILAN C. PARTNER

16/

Description	Size	Refract	Est. date of completion Refract work	Remarks
Reconstruction Milano-Mistamento Station		40%	30th Oct/45	
Reconstruction for crane, Milano-Mista- mento-Station		20%	15th Nov/45	
Reconstruction Lo- co Depot, Milano- Mistamento-Station		60%	7th Oct/45	
Reconstruction road Milan, Mistamento Station, Molitello Side.		40%	31st Oct/45	
Repair shed Central Station		15%	30th Nov/45	
Repair Milano Porta Genova Station		30%	31st Dec/45	
Repair Milano Porta Vittoria Station		30%	15th Dec/45	
Repair Milano St Cristoforo Station		40%	30th Nov/45	

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

Line n° 61 Milan - Genoa

RAILWAY RECONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED
WINTERIZATION

MILAN COMPARTMENT

Italy of

Job No;	Agency	Location	Description	Size	Progress	Est. date Completing Permanent work
AC/61/1001	Ditta Dalmian " D'Alce	From Milano To Pavia	Reconstruction Track	Km. 11.500	20%	31/3/77
AC/61/1002	Ing. Lucco Milano Masonry work SMA. Badoni Lecco Steel work	Over River Po near Mezzana Corte Km. 14+988	Bridge steel First pier destroyed Pier side With relative spans ruined Removing spans Recondition spans Other 4 spans fallen in the River	m. 760 m x 10 x 4	35% 40% 10%	Uncertain Under construction
AC/61/1003	Ing. Lucco Milano Masonry work SMA. Badoni Lecco Steel work	Over River Ticino near Pavia Km. 23+923	Bridge in masonry 5 Arches Foundation Piers 4 Recondition spans All Arches destroyed and Piers heavily damaged	m. 180 4 x 12 x 6 8 x 10 x 4	100% 100% 70%	Not new to be built September new alignment
AC/61/1004	Ditta Garbagnani Giulio Pavia	Pavia Station	Reconstruction roof station and floor of the Locomotive Depot	=	100%	31 August

6 Copies

Type Milan Compartment
on CC

6696

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

RECONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

WINTERIZATION

MILAN COMPARTMENT

State of works as at 28 August 1945

No.	Description	Size	Progress	Est. date of Completion <i>Permanent Work</i>	Remarks
	Reconstruction Track	Km. 11.500	20%	31/8/45	Single Line
10	Bridge steel	m. 760		Uncertain	Single line
923	First pier destroyed Pavia side All relative spans ruined Removing spans Recondition spans Other 4 spans fallen in the River	m 8 x 10 x 6	55% 40% 10%	Underlain no Steel	Steel work temporary complete 31 st September 45 Safe for winter 1 span back in position
10	Bridge in making 5 Arches	m 180		Nil new bridge to be built	On New Alignment
923	Foundation Piers 4 Recondition span All arches destroyed and Piers heavily damaged	4 x 12 x 6 8 x 10 x 4	100% 100% 70%	September 45 new alignment	Single line Steel work temporary complete 15 th Sept. 45 Safe for winter
10	Reconstruction roof station and floor of the Locomotive Depot		100%	31 August 45	

Type Milan Compartments
on each Sheet

11 Sheets Here

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LINE N° 53 Milano-Venezia

Job N°;	Agency	Location	Description	Size	Progress	Est. date Comple Permanent
AC/ 53 /1005	Impresa, Capelletti	over River Serio near Romano Km. 42 + 144	Bridge in masonry 7 Arches Complete destroyed	mt. 112		
			Fondation	3 x 12 x 4	100 %	
			Piers 6	6 x 10 x 3	100 %	
			Abutments 2	6 x 10 x 5	100 %	
			Recondition spans		100 %	
AC/ 53 /1006	Pavan Olinda	over River Chiese near Ponte S. Marco Km. 47 + 300	Arch in Masonry Arch and Abutment Milan side destroyed	mt. 30		
			Recondition spans		100 %	
			Abutment	mt. 6 x 10 x 5	100 %	
AC/ 53 /1007	Pavan Olinda	Roggia Caleinato Km. 98-199	3 Arches in Masonry 1 Pier and 3 Arches destroyed			
			Fondation	3 x 12 x 4	100 %	
			Pier	4 x 10 x 3	100 %	
			Recondition spans		100 %	
AC/ 53 /1008	ing. Bruno Chiesa Milano	Over Valle near Desenzano Km. 108 + 520	Viaduct in masonry 4 Arches destroyed 3 Piers destroyed	mt. 286.65		
			Arches 4	10 x 17.45	0 %	
			Fondation	4 x 12 x 10	100 %	
			Piers 2	25 x 10 x 8	10 %	

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no - Venezia

Location	Description	Size	Progress	Est. date of Completion Permanent Work	Remarks
River Adriatic + 144	Bridge in Masonry 7 Arches Complete destroyed	mt. 112			Steel span - Single line Temporary repaired Complete 15/5/45 Plans in hand for permanent repair
	Fondation	3 x 12 x 4	100 %	September 46	
	Piers 6	6 x 10 x 3	100 %		
	Abutments 2	6 x 10 x 5	100 %		
	Recondition spans		100 %		
River Adriatic + 510 m 97 + 900	Arch in Masonry	mt. 30			Single Line Steel span Temporary repaired Complete 10/5/45 Plans in hand for permanent repair
	Arch and Abutment Masonry destroyed			Left 46	Transferred to Verona Comp.
	Recondition spans		100 %		
	Abutment	mt. 6 x 10 x 5	100 %		
River Adriatic + 199	3 Arches in Masonry				Single Line Steel span Temporary repaired Complete 10/5/45 Transferred to Verona Comp.
	1 Pier and 2 Arches destroyed			Left 46	
	Fondation	3 x 12 x 4	100 %		
	Pier	4 x 10 x 3	100 %		
	Recondition spans		100 %		
River Adriatic + 520	Viaduct in masonry	mt. 296.65			Temporary diversion single line not safe for winter Transferred to Verona Compartment
	7 Arches destroyed			X 30th december 45	
	3 Piers destroyed				
	Arches 4	10 x 17.45	0 %		
	Fondation	4 x 12 x 10	100 %		
	Piers 2	25 x 10 x 8	10 %		

X This must be speeded up

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

Line N° 53 Milano - Venezia

Job N°;	Agency	Location	Description	Size	Progress	Est. da Compl
AC/53/1009	Impresa Astaldi Milano	Over River Mincio near Peschiera Km. 122 + 931	7 Arches in masonry Arches 5 Arches 2 Foundation Piers 4 Abutment 2 All Arches destroyed 3 Piers heavily damaged 1 Pier cracked 1 Abutment not heavily damaged	mt 118,55 8x12x5 12x10x4 12x10x5	0% 0% 5% 5% 5%	Perman 31 March
AC/53/1010	I.S.R.	Over River Adda near Saffiano d'O. Km. 27 + 694	Bridge masonry 5 Arches Foundation Pier Abutment 3 Arches - 1 Pier - 1 Abutment destroyed	125 4x12x5 5x10x3.5 5x10x4.5	100% 100% 100%	Septemb Safe for
AC/53/1011	I.S.R. Capitoli	Milano Santhomas Station	Reconstruction track for loco depot	Km 0,200	115%	31 March
AC/53/1012	Ditta Corli Rovato	Rovato Station	Reconstruction station		20%	30 June
AC/53/1013	Ditta Pedrini Germano	Brescia Station M.C. in CRTS	Reconstruction 5 Culverts; Movement Office and Roof Station	m 2	45%	October

Venezia

Location	Description	Size	Progress	Est. date of Completion	Remarks
Verona	7 Arches in masonry	mt 118.55	0%	Permanent Work	Temporary diversion complete 18/6/45
Verona	Arches 5		0%	31 March /46	Transferred to Verona Compartment
+931	Arches 2		0%		
	Foundation	3x12x5	5%		Safe for winter
	Piers 4	12x10x4	5%		
	Abutment 2	12x10x5	5%		
	All Arches destroyed 3 Piers heavily damaged 1 Pier cracked 1 Abutment not heavily damaged				
Verona	Bridge masonry	125			Single line
	5 Arches			September 46	Temporary repair in steel work complete before 25 April/45 plan in hand for permanent repair
Verona	Foundation	4x12x5	100%		
	Pier 2	5x10x3.5	100%		
+696	Abutment	5x10x4.5	100%	Safe for winter	
	2 Arches - 1 Pier - 1 Abutment destroyed				
Verona	Reconstruction track for loco depot	km 0.800	15%	31 March 46	
Verona	Reconstruction station		20%	30 June 46	
Verona	Reconstruction 2 Culverts; Movement Office and (Rail) Station	m 2	45%	October 46	

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Line No 54 - Milano-Domodossola

Job No	Agency	Location	Description	Size	Progress	Est. Date of Completion
AC/54/1014	Impresa Bonfiglio	Over River Ticino near Sesto Calende Km 42+884	Steel Bridge Continuous Span Recondition span Pier Abutment	mt 281 5 x 15 x 7 5 x 15 x 7	0% 100% 20%	Uncertain Underf no steel
AC/54/1015	Impresa Agnola	Km 28+128	Aqueduct masonry	mt 2	5%	30 december
AC/54/1016	ditto	Km 30+586	Underpass masonry	mt 3	2%	15 decem
AC/54/1017	ditto	Km 32+378	Underpass masonry	mt 3	1%	30 novem
AC/54/1018	ditto	Km 32+938	Underpass in steel	mt 7	3%	"
AC/54/1019	ditto	Km 33+861	Bridge in masonry 2 Arches	mt 20	4%	15 decem
AC/54/1020	ditto	Km 35+335	Bridge in masonry 3 Arches	mt 30	41% 5%	-
AC/54/1021	ditto	Km 36+016	Underpass in steel	mt 8.50	2%	30 novem
AC/54/1022	ditto	Km 4+142	Viaduct in masonry 7 Arches mt 12	mt 84	3%	15 decem
AC/54/1023	ditto	Km 6+945	Underpass masonry	mt 8.65	2%	?
					Do plans	11/11

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Domodossola

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Item	Description	Size	Progress	Est. Date of Completion	Remarks
	Steel Bridge Continuous Span	mt 287		Uncertain	Trains up to & from the interruption
	Reconstruction span		0%	Uncertain	
	Pier	5 x 15 x 10	10%	no	
	Abutment	5 x 15 x 7	20%	steel	Temporary bridge 31 October 45
	All continuous span heavily damaged - Right extremity in the River. Pier & Abutment Domodossola side damaged				
228	Aqueduct masonry	mt 2	5%	30 November 45	Plans in hand for to let a job Contract
236	Underpass masonry	mt 3	2%	15 December 45	ditt
239	Underpass masonry	mt 3	1%	30 November 45	ditt
238	Underpass in steel	mt 7	3%	"	ditt
261	Bridge in masonry 2 arches	mt 30	4%	15 December 45	ditt
233	Bridge in masonry 3 arches	mt 30	5%	"	ditt
216	Underpass in steel	mt 8.50	2%	30 November 45	ditt
242	Aqueduct in masonry 2 arches mt 12	mt 84	3%	15 December 45	ditt
2945	Underpass masonry	mt 8.65	2%	"	ditt
					Do trains run over these now?

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Line n° 163 PAVIA - COLOGNO - MANTOVA

Job No	Agency	Location	Description	Size	Progress	Est. Date of Completion <i>Permanent</i>
AC/163/1026	Off. Mancalviac PAVIA steel work Pellegrini C. masonry work	Over River OLONA between Belgiojoso and Cortesana Km 17+170	Continuous span in steel Recondition span Abutment Continuous span & Abutment Pavia side damaged	mt 21 5x5x3	100% 100%	15 th July /
AC/163/1027	Impresa I.C.O.S. Milano	Over River Lambro near Lambrino Km 31+436	Bridge in masonry 3 Arches Foundations 2 Piers 2 Abutment 1 Recondition span. Complete destroyed	mt 12.90 3x15x5 10x12x2.50 10x12x4	100% 10% 50% 5%	31 th September
AC/163/1028	S.A. Zerlinati Milano	Over River Adda near Preghellegio Km 7+969 Remote →	Bridge in steel 3 spans Foundation Piers 2 Abutment 2 Removable span Recondition span Complete destroyed	mt. 15h, 50 3x12x4.5 6.50x10x3 6.50x10x4	100% 5% 50% 20% 10%	Uncertain Understand no steel
AC/163/1029	S.A. Zerlinati Milano C.O.	Over River Oglio near Mancaria Km 67+270 Remote →	Bridge in steel 13 spans Foundation Piers 2 Abutment 2 Removable span Recondition span Complete destroyed	mt 128.40 3x12x3.50 5x9x2.50 5x9x4	100% 50% 100% 60% 5%	Uncertain Understand no steel

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CODOGNO - MANTOVA

Location	Description	Size	Progress	Est. Date of Completion Permanent Work	Remarks
River da Belgona te Elena 7+170	Continuous span in steel Recondition span Abutment Continuous span & abutment Para side damaged	mt 21 5x5x3	100% 100%	15 th July /45	Permanent repair Single line
River bro Ambrino +436	Bridge in masonry 3 spans Foundations 2 Piers 2 Abutment 2 Recondition span. Complete destroyed	mt 12.80 3x15x5 10x12x3.5 10x12x4	100% 10% 50% 5%	31 st September 45	Temporary repair in steel on the permanent abutment in masonry Temporary piers Single line complete 31 September 45
River da Penzello 7+969	Bridge in steel 3 spans Foundation Piers 2 Abutment 2 Removable span Recondition span Complete destroyed	mt. 15h, 50 3x12x4.5 6.50x10x3 6.50x10x4	100% 5% 50% 70% 10%	Uncertain understand no steel	Temporary repair Single line complete 15 th October /45
River to Mancina 7+270	Bridge in steel 3 spans Foundation Piers 2 Abutment 2 Removable span Recondition span Complete destroyed	mt 12.80 3x12x3.50 5x9x2.50 5x9x4	100% 50% 100% 60% 5%	Uncertain Understand no steel	Temporary repair Single line complete 15 th September 45

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Line no 163 Pavia - Codogno - Mantova

Job No	Agency	Location	Description	Size	Progress	Est. Date of Completion
AC/163/1030	I.S.R.	Cremona Station	Reconstruction Track	Km. 2	25%	31 st Oct 4
AC/163/1031	Malaga Orlean	Cremona - Gazeto Piet S. Giacomo Torre Piconardi and Km 33+300 Km 36 + 805	Reconstruction Station and Plate layers House		80%	30 th Sept
AC/163/1032	Carminati Guido	Cremona Station	Reconstruction Low Sept		35%	15 th Aug
AC/163/1033	Malgor Luciano	Piadena Station	Reconstruction Station		10%	31 st October
AC/163/1034	Dalmiglio Luciano	Marciana Station	Reconstruction Station		50%	31 st October
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Codogno - Mantova

2

Location	Description	Size	Progress	Est. Date of Completion <i>Immediate Work</i>	Remarks
on	Reconstruction Track	Km. 2	25%	31 st Oct 45	Single line
Station March 23-31/45	Reconstruction Station and Plate layers House		40%	30 th September/45	
Station	Reconstruction Low Depot		35%	15 th August/45	
Station	Reconstruction Station		40%	31 st October/45	
Station	Reconstruction Station		50%	31 st October/45	

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Line n° 146 - Milano - Sondrio

Job No	Agency	Location	Description	Size	Progress	Est. Date Comple.
AC/146/1035	F ^{lla} Todeschini	between Lecco & Abbadia Km. 3+850	Arch in masonry Arch Arch damaged	mt. 8	Permanent work 80%	15 Sept
AC/146/1036	Antonio Badoni Lecco	over River Adda near Calolzio Km. 28+623	Bridge in steel Recondition Repair of principal & transverse floor and metallic floor	mt. 100 girders	80%	15 Sept
AC/146/1037	F ^{lla} Todeschini	Lecco	Reconstruction Station		50%	20 octob
AC/146/1038	Corti Elvezio	Colico	Reconstruction Station		70%	30 Sept
AC/146/1039	F ^{lla} Moroni	Sondrio	Reconstruction Station		60%	30 Sept

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Ludwig

Description	Size	Progress <i>Permanent Work</i>	Est. Date of Completion <i>Permanent Work</i>	Remarks
Arch in masonry Arch Arch damaged	mt. 8	80%	15 September/45	Permanent repair
Bridge in steel Recondition Reparation of principal & transverse floor and metallic floor	mt. 100 girders	80%	15 September/45	Permanent repair
Reconstruction Station		50%	20 October/45	
Reconstruction Station		70%	30 September/45	
Reconstruction Station		60%	30 September/45	

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Job no	Agency	Location	Description	Size	Progress	Est Date of completion	Permanent unit
<u>Line no 66</u>							
AC/66/1040	Ing. Raura Milano	Oder River Trebbia near S. Nicola Km. 93+300	Bridge in masonry (23 arches) Foundation Piers 7 Abutment 2 Arches 14 11 Arches destroyed 3 " heavily damaged 7 Piers destroyed Abutment Alexandria side heavily damaged	mt. 386,40 3 x 5.50 x 4 5 x 5 x 3 5 x 5 x 4 7.4 x 16.80	100 % 75 % 25 % 10 %	31 st October/15	Per Gen Tras mi

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Description	Size	Progress	Est Date of Completion Permanent work	Remarks
<u>Alessandria Piacenza</u>				Twin run over diversion. Not safe for winter.
doc in masonry 23 arches	mt. 386,40			
Foundation	3 x 5.50 x 4	100%		Double lining
Segment 2	5 x 5 x 3	75%	31 st October/15	Permanent repair
Segment 4	5 x 5 x 4	30%		
Segment 11	7.1 x 16.80	10%		
Arch destroyed heavily damaged Arch destroyed segment Alessandria heavily damaged				Genova Comfastm + transferred to Milan comfastment

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

Job no	Agency	Location	Description	Size	Progress	Est. Date of Completion Actual date	
HC/185/1041	Line	no 155	- PARMA - S. ZENO				
	Ditta Bossi Milano	Over River Orio near Carnate Km. 43+305	Steel Bridge 3 spans Piers 3 Removing span Recondition span 2 spans damaged 1 span in the River	mt. 115.90 7 x 10 x 4	15% 75% 10%	Undertain no steel	31
HC/155/1042	A Badoni Lecco	Over River Po near Casalua Piers Km. 21+4	Steel Bridge 17 spans Foundation 3 Piers 5 Abutment 1 Removing span 9 Recondition span 10 3 spans in the River 3 Piers destroyed 2 Piers heavily damaged Abutment North side destroyed 1 span damaged	mt 1070.20 4 x 7 x 4.50 8 x 5 x 3 8 x 5 x 6	100% 5% 5% 50% 5%	Undertain no steel	31 no

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Description	Size	Progress	Est. Date of Completion Actual date	Remarks
<u>PARMA - S. ZENO</u>				
Steel Bridge	mt. 175.90			Steel Span
3 spans				
Piers 2	7 x 10 x 4	15%	Undertain	Temporary repair
moving span		75%	no steel	complety
anchorage span		10%		31 st October 15
Spans damaged				
Span in the River				
Steel Bridge	mt 1070.20			Steel Span
17 spans				
Foundation 3	4 x 7 x 4.50	100%		
Piers 5	8 x 5 x 3	5%		Temporary
abutment 1	8 x 5 x 6	5%		Repair
moving span 9		50%	Undertain	
anchorage span 10		5%	no steel	complety
Spans in the River				31 November 15
Pier destroyed				
Pier heavily damaged				
abutment North side				
destroyed				
Spans damaged				

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RAILWAY RECONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED
WINTERIZATION

LINE N°61 MILAN-GENOA

MILAN COMPARTMENT

Job N°	Agency temporary work	Location	Description	Size	Progress	Est C perm
AC/61/1001	Ditta Damiana " D'Aloe	from Milan to Pavia	Reconstruction Track	Km. 11,500	20%	31/
AC/61/1002	Ingr: Lucca Milano masonry work S.A.A. Badoni Lecco Steel work	Over River PO near Mezzana Km. 14+988	Bridge Steel ^{10 spans} first pier destroyed Pavia side with relative spans ruined Removing Spans Recondition Spans Other 4 spans fallen in the river	m. 760 m. 8x10x4	25% 40% 10%	Unce no s
AC/61/1003	Ingr: Lucca Milano Masonry work S.A.A. Badoni Lecco Steel work	Over River Ticino near Pavia Km. 23+923	Bridge in masonry 5 Arches Foundation Piers 4 Recondition Span All Arches destroyed and Piers heavily damaged	m. 180 4x12x6 8x10x4	100% Nil 100% 60% 70%	Nil to Sep Ten Day map
AC/61/1004	Ditta Carbagna Giulio	Pavia Station	Reconstruction roof station and floor of Lecco Depot		100% 90%	31

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After Sept report (1)

CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION
WINTERIZATION

MILAN COMPARTMENT

STATE of WORK as at 28th August 1945

Description	Size	Progress	Est. date of Completion permanent work	Remarks
Reconstruction Track	Rm. 11,500	20%	31/9/45	Single Line; with temporary
Bridge Steel 10 spans First pier destroyed Favia side with relative spans ruined Removing Spans Recondition Spans Other 4 spans fallen in the river	m. 760 m. 8x10x4	25% 40% 10%	Uncertain no steel	Single line to be Steel work temporary Complete 1st Oct. 45 Safe for winter 1 Span back in position
Bridge in masonry 5 Arches Foundation Piers 4 Recondition Span All Arches destroyed and Piers heavily damaged	m. 180 4x12x6 8x10x4	Nil 100% 100% 60% 70%	Nil new Bridge to be built September 1946 Temporary Safe for main line traffic completed 24. Sept	On new alignment with temporary Single Line A Steel work temporary Complete 15 Sept. Safe for winter 1500
Reconstruction roof station and floor of Lecce Depot		100% 90%	31 August 1945	
			?	No more work on

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LINE N°53 MILAN-VENICE

MILAN COMPARTMENT

Job N°.	Agency	Location	Description	Size	Progress	Est. date Completion permanence
AG/53/1005	Impresa Cappelletti	Over river Serio near Romano Km.42+144	Bridge in masonry <u>7 Arches</u> <u>Complete/destroyed</u> Foundation Piers 6 Abutments 2 * Recondition span/	m.112 3x12x4 6x10x3 6x10x5	100% 50% 50% 100%	Sept.
AG/53/1006	Pavan Olindo	Over River Chiese near ponte S. Marco Km.97+900	Arch in masonry Recondition spans Abutment Arch and abutment Milan side destroyed	m.30 at.6x10x5	100% 80% 100% 60%	Sept.
AG/53/1007	Pavan Olindo S.C.	Boggia Calcinato Km.98+199	3 Arches in masonry Foundation Pier <u>2 Arches</u> Recondition span 1 Pier and 2 Arches destroyed	4x10x3 3x12x4	100% 70% 100% 60% 100% 100% (35%)	Sept.

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MILAN COMPARTMENT

Description	Size	Progress	Est. date of Completion permanent work	Remarks
Bridge in masonry 2 Arches completely destroyed	m. 112			Steel span-Single Line Temporary repaired [
Foundation Piers 6 Abutments 2 Recondition spans/	3x12x4 6x10x3 6x10x5	100% 50% 50% 100%	September 1946	Plans In hand for permanent repair
Arch in masonry Recondition spans Abutment Arch and abutment Milan side destroyed	m. 30 mt. 6x10x5	100% 80% 100% 80%	Sept. 45 ⁴⁵ / ₄₆	Single LINE Steel Span temporary repaired complete 10/6/45 Plans in hand for permanent repair Transferred to Verona Compartment.
Arches in masonry Foundation Pier (2 Arches) Recondition span Pier and Arches destroyed	4x10x3 3x12x4	100% 70% 100% 60% 100% 100%	Sept. 1945 ⁴⁵ / ₄₆	Single Line Steel span Temporary repaired Complete 10/6/45 Transferred to Verona Compartment.

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MILAN COMPARTMENT

LINE #53 MILAN-VENICE

Job N°	Agency	Location	Description	Size	Progress	Re Co pe
AG/53/1008	Ing; Bruno Chiesa Milan	Over Valle near Desenzano Km. 108+520	<u>Viaduct in masonry</u> Arches 4 Foundation Piers 2 4 Arches destroyed 2 Piers destroyed	mt. 296,65 10x17,45 4x12x10 25x10x8	0% 100% 10%	3
AG/53/1009	Impresa Astaldi Milano	Over River Mincio near Peschiera Km. 122+931	<u>7 Arches in masonry</u> Arches 5 Arches 2 Foundation Piers 4 <u>Abutment 2</u> All Arches destroyed. 3 Piers Heavily damaged. 1 Pier cracked 4 Abutment heavily damaged.	mt. 118,55 3x12x5 12x10x4 12x10x5	0% 0% 5% 5% 5%	Per 31
AG/53/1010	I.S.R.	Over River ADDA near Cassano Km. 27+649	<u>Bridge masonry</u> <u>5 Arches</u> Foundation Pier 2 <u>Abutment</u> 2 Arches : Pier 4 Abutment destroyed	mt. 125 4x12x5 5x10x3,5 5x10x4,5	100% 100% 100%	30

S.S. 959

(3)

MILAN COMPARTMENT

Description	Size	Progress	Est. date of Completion permanent work	Remarks
t in masonry 4 ion 2 s destroyed destroyed	mt. 296,65 10x17,45 4x12x10 25x10x8	0% 100% 10%	30th December/45	Temporary diversion Single line not safe for Winter Verona Compartment Transferred to
ches in masonry ches 5 ches 2 adation ers 4 atment 2 arches royed. ers Heavely ged. r craked utment heavily ged.	mt. 118,55 3x12x5 12x10x4 12x10x5	0% 0% 5% 5% 5%	Permanent work 31 March/46	Temporary diversion complete 10/6/45 Not considered. Safe for Winter
ge masonry ches ation 2 ment ches 1 Pier utment royes	mt. 125 4x12x5 5x10x3,5 5x10x4,5	100% 100% 100%	September 1946	Single line Temporary repair in steel steel, work complete before 25 April/45 Plan in hand for permanent repair Safe for Winter. .../...

MILAN COMPARTMENT

LINE N°53 MILAN-VENICE

645

MILAN - COMPARTEMENT

LINE N°54 - MILANO - DOMODOSSOLA

Job N°	Agency	Location	Description	Size	Progress
AC/54/ 1014	Impresa Bonfiglio	Over River Ticino near Sesto- Calende Km.42+884	Steel Bridge Continuous Span Recondition span Pier Abutment All continuous span heavily damaged. <i>North Spans</i> Right extremity in the River. 1 pier & Abutment Domodossola side damaged.	mt.281 3x15x4 5x15x7	3% 10% 20%
AC/54/ 1015	Impresa Girola	Km.28+128	Aqueduct masonry	mt. 2	5%
AC/54/ 1016	ditto	Km.30+586	Under pass masonry	mt.3	2%
AC/54/ 1017	ditto	Km.32+379	Underpass masonry	mt.3	1%
AC/54 1018	ditto	Km.32+938	Underpass in steel	mt.7	3%
AC/54 1019	ditto	Km.34+861	Bridge in masonry 2 arches	mt.20	4%
AC/54/ 1020	ditto	Km.35+339 5	Bridge in masonry 3 Arches	mt.30	5%
AC/54/ 1021	ditto	Km.36+016	Underpass in Steel	mt.8.50	2%

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MILAN - COMPARTMENT

(5)

Description	Size	Progress	Est. Date of Completion permanent works	Remarks
Steel Bridge Continuous Span Recondition span Pier Abutment All continuous span heavily damaged. Right abutment in the River. 1 pier & Abutment Domodossola side damaged.	mt. 281 5x15x4 5x15x7	0% 10% 20%	Uncertain no Steel	Trains up & from the interruption. Temporary bridge 31 October/45
Aqueduct masonry	mt. 2	5%	30 November/45	Plans in hand for to let a contract.
Under pass masonry	mt. 3	2%	15 December/45	ditto
Underpass masonry	mt. 3	1%	30 November/45	ditto
Underpass in steel	mt. 7	3%	"	ditto
Bridge in masonry 2 arches	mt. 20	4%	15 December/45	ditto
Bridge in masonry Arches	mt. 30	5%	5 Dec/45	ditto
Underpass in Steel	mt. 8.50	2%	30 November/45	ditto

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AC/541
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Don't know

Viaduct in
masonry 7 arches
MT. 12
Foundations.
Piers.
Arches

mt 84.

?
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Damaged? →

duct in
 sorry 7 arches
 12.
 ndations.
 13.
 rches

MT 84.

2
 2
 2

To go in where
 marked X X
 Say Benetti to obtain
 ? determine the supplies etc

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MILAN-COMPARTMENT

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BEHAN-COMPARTMENT

(6)

Description	Size	Progress	Est. Date of Completion permanent work	Remarks
duct in bury 7 arches 12 X	mt. 84	3%	15 December/45	Plans in hand for to let a contract. Temporary Work complete
rpass masonry	mt. 8.65	2%	3 "	ditto
struction rack	Km. 0,500			Want of Ties X
struction N°6 snout				# Want of Turnout
				<u>DO NOT TYPE IN THIS</u> X Note collected from. # Request from T.S.D.

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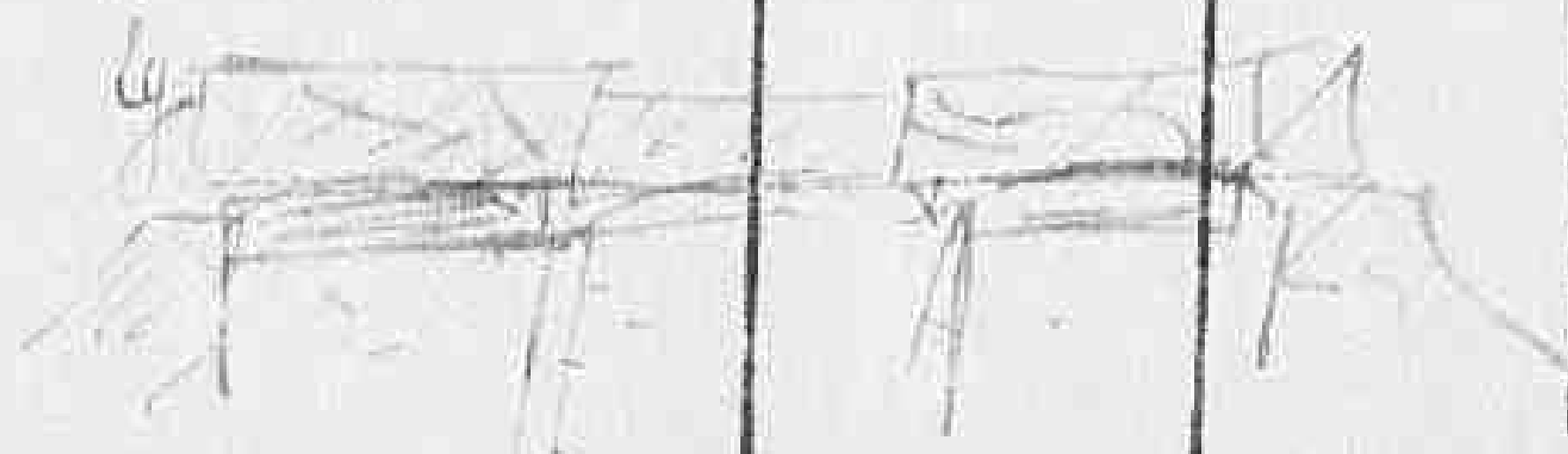
Declassified E.O. 12356 Section 3.3/NND No. 785021

LINE N°163 PAVIA-CODOCINO-MANTOVA

MILAN COMPARTMENT

Job N°	Agency	Location	Description	Size	Progress	Est. Com. perman.
AC/163/1026	off. Mancalvi & C; Pavia	Over River Olona between Belgioioso and Corte Olona Km. 17+170	Continuous span in steel Recondition span Abutment Continuous span & Abutment Pavia side damaged.	mt. 21 5x5x3	100% 100%	15th.
AC/163/1027	Impresa I.C.C.S.	Over River Lambro near Lambrinia Km. 31+436	Bridge in masonry 3 Arches Foundations 2 Piers 2 Abutment 2 Recondition span Complete destroyed	mt. 42.90 3x15x5 3x12x2.5 3x12x4	100% 10% 50% 5%	3 Sep
AC/163/1028	S.A. Zerbinati Milano	Over River Adda near Pizzighettone. Km. 7+969	Bridge in steel 3 Spans Foundation) Piers 2 Abutment 2 Remove span Recondition span Complete destroyed	mt. 154.50 3x12x4.50 5.5x10x3 5.5x10x4	100% 5% 50% 70% 10%	Under no st

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MILAN COMPARTMENT

Description	Size	Progress	Est. Date of Completion permanent works	Remarks
as span in steel	mt. 21			
tion span	5x5x3	100%	15th. July/45 Complete	Permanent repair single line
as span & at Pavia side		100%	Complete.	
in masonry	mt. 42.90			Temporary repair in steel on the permanent abutment
ions 2	3x15x5	100%		in masonry
2	10x12x2.5	10%	3 September/45	Temporary piers
nt 2	10x12x4	50%		single line complete
tion span		5%		30 September 45
te destroyed				
n steel	mt. 154.50		Uncertain	Temporary repair
n)	3x12x4.50	100%	no steel	single line due to
2	5.5x10x3	5%		be completed 15 Oct/45
span	5.5x10x4	50%		complete
tion span		70%		15 October/45
destroyed		10%		

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MILAN COMPARTMENTLINE N° 163 PAVIA GODOCINO MANTOVA

Job N°	Agency	Location	Description	Size	Progress
AC/163/1029	S.A. Zerbini MILAN	River Oglio near Macaria km 67+270	Bridge in steel 3 spans Foundation Piers - 2 Abutment 2 Remove span Recondition span complete destroyed	mt 128,40 → 3x12x3,50 → 5x 9x2,50 5x 2x4	Nil. 50% 100% 60% 5% Nil.
AC/163/1030	I.S.R.	Cremona Station	Reconstruction Track	km 2	25%
AC/163/1031	Malagoli Aschie	Cremona Gazzo Pieve S. Giacomo Torre Picenardi & km 33+387 km 36+805	Reconstruction Station and Plate layers House		80%
AC/163/1032	Garminati Guido	Cremona Station	Reconstruction Loco Dept.		35%
AC/163/1033	Malagoli Luciano	Piedena Station	Reconstruction Station		40%
AC/163/134	Dalmiglio Luciano	Macaria Station	Reconstruction Station		50%

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REPAIR COMPANIMENT

Description	Size	Progress	Est. date of completion permanent work	Remarks
Bridge in steel 3 spans Foundation Piers - 2 Abutment 2 Remove span Recondition span complete destroyed	mt 128,40 > 3x12x3,50 > 5x 9x2,50 5x 9x4	100% 50% 100% 60% 5% Nil.	uncertain no steel	Temporary repair single line complete 15th September 1945. <i>See Friday 22 Sept.</i>
Reconstruction Track	km 2	25%	31th october 1945	single line
Reconstruction Station and Plate layers House		80%	30th September 1945	
Reconstruction Loco Dept.		35%	15th August 45	
Reconstruction Station		40%	31th October 1945	
Reconstruction Station		50%	31th October 1945	

MILAN COMPARTMENTLINE N° 146 MILANO - SONDRIO

Job N°	Agency	Location	Description	Size	Progress permanent work	
AC/146/1035	F.lli Todeschini	between Lecco & Abbadia km 2+950	Arch in masonry Arch Arch damaged	mt. 6	80%	15
AC/146/1036	A. Badoni Lecco	over River & Adda near Calolzio km 28+629	Bridge in steel. recondition prin- cipal & transversal metallic floored girders	100 mt.	80%	15
AC/146/1037	F.lli Todeschini	Lecco	Reconstruction Station		50%	20
AC/146/1038	Corti Elvezio	Colico	Reconstruction Station		70%	30
AC/146/1039	F.lli Moroni	Sondrio	Reconstruction Station		60%	30

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MILAN COMPARTMENT

Description	Size	Progress permanent work	Est. date of completion permanent work	Remarks
Arch in masonry Arch Arch damaged	mt. 8	80%	15 September 1945	permanent repair
Bridge in steel recondition principal & transverse metallic floored girders	100 mt.	80%	15 September 1945	permanent repair
Reconstruction Station		50%	20 October 1945	
Reconstruction Station		70%	30 September 1945	
Reconstruction Station		60%	30 September 1945	

MILAN COMPARTMENTLINE N° 66 ALESSANDRIA PIACENZA

Job N°	Agency	Location	Description	Size	Progr perme work
AC/66/1040	Ing. Ranza Milano	Over River Trebbia near S. Nicolo km 93+300	Bridge in masonry 23 arches fundations Piers 7 Abutment 2 Arches 14 11 Arches destroyed 3 " heavily damaged 7 Piers destroyed Abutment Alessandria sides heavily damaged	mt. 386,40 3x5,50x4 5 x 5 x 3 5 x 5 x 4 14x16,80	100 72 30 10

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MILAN COMPARTMENT

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Description	Size	Progress permanent work	Est.date of completion permanent work	Remarks
Bridge in masonry	mt.386,40	100%		Trains run over
23 arches	→ 3x5,50x4	75%	31st October	Diversion
foundation	5 x 5 x 3	30%	1945	not safe for winter
Piers 7	5 x 5 x 4	10%		Double line
Abutment 2	14x16,80			Permanent repair
Arches 14			30 Nov	Genova Compartment
11 Arches destroyed				transferred
3 " heavily damaged				Milan Compartment
7 Piers destroyed				
Abutment Alessandria				
side heavily damaged				

MILAN COMPARTMENTLINE N° 155 PARMA - S.ZENO

Job N°	Agency	Location	Description	Size	Progr perma work
AC/155/1041	Pitta Bossi Milano	Over River Oglio near Carnate km 43+305	Steel Bridge 3 spans Piers 2 Removing span Recondition span 2 spans damaged 1 span in the river	mt. 175,9 7x10x4	15% 75% 10%
AC/155/1042	A. Badoni Lecce	Over River Po near Casal- maggiore km 21+4	Steel Bridge 17 spans Foundation 3 Piers 5 Abutment 1 Removing span 1/8 Recondition span 1/8 9 Spans in the River 3 Piers destroyed 2 Piers heavily damaged Abutment North Side destroyed 1 span damaged	mt 1070,20 4 x 7 x 4,5 8 x 5 x 3 8 x 5 x 6	

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MILAN COMPARTMENT

(11) X

Description	Size	Progress permanent work	Est. date of completion permanent work	Remarks
Steel Bridge 3 spans Piers 2 Removing span Recondition span 2 spans damaged 1 span in the river	mt. 175.9 7x10x4	15% 75% 10%	uncertain no steel	Steel span Temporary repair to be completed 31st October 45
Steel Bridge 17 spans Foundation 3 Piers 5 Abutment 1 Removing span 1 Recondition span 1 9 Spans in the River 3 Piers destroyed 2 Piers heavily damaged Abutment North Side destroyed 1 span damaged	(mt 1070.20) 4 x 7 x 4.5 8 x 5 x 3 8 x 5 x 6	100% 5% 5% 50% 5%	uncertain no steel	Steel span Temporary repair to be completed 30 november 45

MILAN DEPARTMENT

LINE N° 65 MILANO - BOLOGNA

Job N°	Agency	Location	Description	Size	Progress permanent work
AC/65/1043	S.A. Bedoni Lecco	over River PO near Piacenza km 148+918	Bridge in steel 11 spans Foundation Piers Removed spans Recondition spans 8 spans damaged 3 spans in the river	mt. 725,6 3x17x5 3x16x4	100% 100% 70% 50%
AC/65/1044	S.A.C.O.P. Milano	over River Taro near Parma km 98+088	Bridge in masonry 20 arches Foundation Piers 4 Abutment Arches 13 10 Arches & Abutment Bologna Side destroyed 3 Arches damaged 4 Piers & Foundations destroyed	3x15x10 5x10x4 5x10x5	100% 100% 20% 10%
AC/65/1045	Impresa Caleazzi Giunti	between km 159+708 & km 203+680	Reconstruction track	km 40,926	10%
AC/65/1046	Spazzi Angelo	Casalpuuster- lengo	Reconstruction Station		50%

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(12) X

PLAN COMPARTMENT

Description	Size	Progress permanent work	Est. date of completion permanent work	Remarks
bridge in steel 1 spans foundation Piers removed spans condition spans 8 spans damaged 3 spans in the river	mt. 725,6 5x17x5 5x10x4	100% 100% 70% 50%	uncertain no steel	steel span temporary repair single line completed 30 Sept. 45
bridge in masonry 20 arches foundation Piers 4 abutment Arches 13 16 arches & abutment Bologna Side destroyed 3 arches damaged 4 Piers & Foundations destroyed	3x15x10 5x10x4 5x10x5	100% 80% 80% 20% 10%	31st october 1945 <i>metà ponti</i>	Probably not possible to comp- lete the arches in time and so have to put in single line-steel repairs. permanent repair double line; Bologna Compartment transferred to Milano Comp.
Reconstruction track	km 40,926	10%	30 September 1946	double line
Reconstruction Station		50%	15 October 45	

LINE 65 MILANO BOLOGNA

MILAN COMPARTMENT

Job N°	Agency	Location	Description	Size	Pr pe we
AC/55/1047	Spazzi Angelo	Codogno	Reconstruction Station		1
AC/65/1048	Spazzi Angelo	km 148+795 km 175+559 km 176+375	Reconstruction Plate layers Houses		9

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(13)

MILAN COMPARTMENT

Description	Size	Progress permanent work	Est. date of completion permanent work	Remarks
Reconstruction Station		30%	30th November 1945	
Reconstruction Plate layers Houses		90%	10 September 1945	

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MILAN COMPARTMENT

LINE 158 CREMONA PIDEZZA

Job No	Agency	Location	Description	Size	Pr pe w
AC/158/1049	Ing. Mottura e Zaccheo Milano	Over River Po near Cremona km 3+026	Steel Bridge 12 // continuous spans 12 comprising Foundation Piers 3 Abutment 1 Remove span, Recondition span Abutment Cremona side destroyed - 1 Pier destroyed - 2 Piers damaged; 4 spans in the river 2 spans damaged	(mt. 1045,65) 4x20x6 7x17x4,50 7x17x6	

LINE No 156 BRESCIA CREMONA

AC/156/1050	SANICIN CREMA	Over River Oglio near Robecco km 6+241	3 Arches in masonry Foundation Piers 2 Abutment Recondition span Arches destroyed Piers heavily damaged Abutment Olmetta side damaged	mt 66 2x15x6,6 5x15x4 5x12x6	
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MILAN COMPARTMENT

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	Description	Size	Progress permanent work	Est. date of completion permanent work	Remarks
Po na	Steel Bridge 12 continuous spans 12 comprising Foundation Piers 3 Abutment 1 Remove span, Recondition span Abutment Cremona side destroyed - 1 Pier destroyed - 2 Piers damaged; 4 spans in the river 2 spans damaged	mt. 1045,65 4x20x6 7x17x4,50 7x17x6	100% 25% 45% 50% 10%	uncertain no steel	Steel span temporary to be repair complete 31 october 45 <i>Span being repaired</i>
	3 Arches in masonry Foundation Piers 2 Abutment Recondition span Arches destroyed Piers heavily damaged Abutment Olmeneta side damaged	mt 66 2x15x6,5 5x15x4 5x12x6	5% 100% 40% 1%	September 1946	Steel span on the perma- nent pier Temporary repair complete 31th Oct/45

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Job N°	Agency	Location	Description	Size	Progress permanent
AC/153/1051	Rensgnoli Milano	Over River Oglio near Palazzolo km 43+049	Viaduct in masonry mt 100 mt 100 9 Arches Piers 6 Arches 7 destroyed: 3 arches 1 arch heavily da- maged 6 piers heavily damaged	mt. 100 2x1.150 1.8x5x5 1.5x20 mt. 20	10% 0% 0%
AC/153/1052	F.lli Ravasio	Ponte S. Pietro	Reconstruction Station	5	50%

LINE N° 150 COLICO - CHIAVENNA

AC/150:1053	Ing. Chiesa Milano	Over River Adda between Colico and Dubino km 3+370	Bridge in masonry 5 Arches Arch 1 Pier 1 1 Arch damaged 1 Pier damaged	mt. 90 1.8x5 m 4x5x3 m	10% 25%
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PLAN COMPARTMENT.

Description	Size	Progress permanent	Est. date of completion permanent work	Remarks
Viaduct in masonry mt 180 Destroyed 9 Arches Piers 6 Arches 7 6 destroyed arches 1 arch heavily damaged 6 piers heavily damaged	mt 180 18x5x5 18x5x20 20	10% 0% 0%	31 March 1946	Permanent repair
Reconstruction Station	5	50%	30 September 1945	
Bridge in masonry 5 Arches Arch 1 Pier 1 1 Arch damaged 1 Pier damaged	mt.90 18x5 m 4x5x3 m	10% 25%	30th October 1945	Permanent repair

LOCAL WORKS.

MILAN COMPARTMENT

Local

Job No	AGENCY	Location	Description	Size	Progress
AC/1054	Ing. Iucca Mario Milano	Milano	Reconstruction Milano-Smistamento Station		20%
AC/1055	Pietro Bernè Milano	Milano	Reconstruction for crane, Milano-Smista- mento-Station		5%
AC/1056	Pietro Bernè Milano	Milano	Reconstruction Loco- Depot, Milano-Smista- mento-Station		25%
AC/1057	Zaccarini Mario	Milano	Reconstruction roof Milano Smistamento- Station, Pioltello- side		15%
AC/1058	S.A. Officine Della Carlina Milano	Milano	Repair shed Central Stn.		35%
AC/1059	P.lli Aielli Milano	Milano	Repair Milano Porta Genova-Station		15%
AC/1060	Penaroli Milano	Milano	Repair Milano Porta Vittoria Station		20%
AC/1061	Zambelli Milano	Milano	Repair Milano S.- Griatoforo Station		30%

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MILAN COMPARTMENT

Description	Size	Progress	Est. Date of Completion	Remarks
Construction Milano-Smistamento Station		20%	20th October 1945	
Construction for e, Milano-Smista- to-Station		5%	15th November 1945	
Construction loco- t, Milano-Smista- to-Station		25%	7th October 1945	
Construction roof Milano Smistamento- ion, Pioltello- side		15%	31th October 1945	
air shed Central Stn.		35%	30 November 1945	
air Milano e Genova-Station		15%	31, December 1945 y	
air Milano a Vittoria Station		20%	15 Dicember 1945	
air Milano S.- toforo Station		30%	30th November 1945.	

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Line n° 65 Milano - Bologna

Job No	Agency	Location	Description	Size	Progress	Est; Date Complete
AC/65/1043	S.A. Badoni Lillo	Over River Po near Piacenza Km 148 + 918	Bridge in steel 11 spans Foundation Piers Removable spans Recondition spans — 8 spans damaged 3 spans in the river	mt 25,60 5 x 14 x 5 8 x 16 x 4	100 % 100 % 70 % 50 %	Undertaken no steel See also
AC/65/1044	S.A. C.O.P. Milano	Over River Taro near Parma Km. 92 + 000	Bridge in masonry 30 Arches Foundation Piers 4 Abutment Arches 13 — 10 Arches & Abutment Bologna side destroyed 3 Arches damaged 4 Piers & Foundation destroyed	3 x 15 x 10 5 x 10 x 4 5 x 10 x 5	100 % 100 % 20 % 10 %	Not possible Complete in 31st
AC/65/1045	Impresa Galeazzi Giunti	between Km 153 + 708 and Km 203 + 880	Reconstruction Track	Km. 40,926	10 %	31st 2/10
AC/65/1046	Spazzi Angelo	Casalpusterleno	Reconstruction Station		50 %	15th Oct

1521

Bologna

Description	Size	Progress	Est; Date of Completion	Remarks
Bridge in steel 611 ft	mt 725,60		Permanent work	Steel ftan
Fundation	5 x 17 x 5	100%		Temporary
Piers	8 x 16 x 4	100%	Underlain	repair
Removable spans		70%	no	Single line
Recondition spans		50%	Steel	complety
8 spans, damaged				30 left. 45
3 spans in the river			See my 5/10/45	
Bridge in masonry 30 Arches				Probably have
Fundation	3 x 16 x 10	100%	not possible to	to put in single
Piers 4	5 x 10 x 4	100%	complete the arches	line. Steel spans
Abutment	5 x 10 x 5	20%	in pipe & so	Permanent
Arches 13		10%	31 th October/45	repair
10 Arches & Abutment Bologna side destroyed				Doubly line
3 Arches damaged				Bologna. Compartment
4 Piers & Fundation destroyed				Transferred to
				Milano Empt
Reconstruction Track	Km. 40, 926	40%	31 th September/45	Doubly line
Reconstruction Station		50%	15 th Oct/45	

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Line 158 Cremona Fidenza

Milano Compostone

Job No	Agency	Location	Description	Size	Progress	Est: D Graph Sound
AC/158/1049	Ing. Molteni & Zucchi Milano	Over River Po near Cremona Km. 3+026	Steel Bridge 3 Continuous spans 12 Composite girders Foundation Piers 3 Abutment 1 Remove span Recondition span Abutment Cremona side destroyed - 1 Pier destroyed 2 Piers damaged 1 span in the water 3 spans damaged	mt 1045,65 4 x 20 x 6 7 x 17 x 4.50 7 x 17 x 6	100 % 95 % 15 % 50 % 10 %	Unco Unde St
Line No 156		Brescia	Cremona			
AC/156/1050	SAMILEN Cremona	Over River Oglio near Robecco Km. 6+241	3 Arches in masonry Foundation Piers 2 Abutment Recondition span Arches destroyed Piers heavily damaged Abutment Olmeneta side damaged	mt 66 2 x 18 x 6.5 5 x 12 x 4 5 x 12 x 6	5 % 10 % 10 % 1 %	Left.

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Fidenza

Milano Cremona

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	Description	Size	Progress	Est. Date of Completion	Remarks
			Permanent Work	Permanent Work	
Po ona 26	Steel Bridge 3 Continuous spans 12 Comp. span	mt 10/15, 65		Uncertain	Steel span
	Foundation	4 x 20 x 6	100%	Underlain	Temporary
	Piers 3	2 x 17 x 4.50	25%		repair
	Abutment 1	7 x 17 x 6	15%	no	complety
	Remove span		50%	Steel	
	Recondition span		10%		
	Abutment Cremona side destroyed - 1 Pier destroyed - 2 Piers damaged 4 spans in the river 3 spans damaged				
					31 October 45
Cremona	3 Arches in masonry	mt 66			Steel span
	Foundation	2 x 15 x 6.5	5%		on the permanent
	Piers 2	5 x 12 x 4	10%	Left. / 46	piers
	Abutment	5 x 12 x 6	10%		Temporary repair
	Recondition span		1%		complety
	Arches destroyed Piers heavily damaged Abutment Olmeneta side damaged				
					31 st Oct / 45

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Line No 153 Rovato - Calolziocorte

Job No	Agency	Location	Description	Size	Progress	Est. Comp. percent
AC/153/1051	Romagnoli Milano	Over River Oglio near Palazzo Km. 43 + 045	Viaduct in masonry 9 Arches Piers 6 Arches 7 6 arches destroyed 1 arch heavily damaged 6 Piers heavily damaged	m ³ 180 (m 18 x 5 x 5 15 x 20	10% 0%	3
AC/153/1052	Fl. Ravasio	Ponte S. Pietro	Reconstruction Station		50%	30%

Line No 150 Colico - Chiavenna

AC/150/1053	Ing. Chiesa Milano	Over River Adda between Colico and Dubino Km. 3 + 370	Bridge in masonry 5 Arches Arch 1 Pier 1 1 Arch damaged 1 Pier damaged	m ³ 90 (m 18 x 5 15 x 5 x 3	10% 25%	
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Cato - Calolzio corte

	Description	Size	Progress	Est. Date of completion permanent work	Remarks
	Viaduct in masonry 9 Arches	m ^t 180			
2206 045	Piers 6 Arches 7	(m) 18 x 5 x 5 (m) 5 x 20	40% 5%	31 March/46	Permanent repair
	6 arches destroyed 1 arch heavily damaged 6 Piers heavily damaged				
Pietro	Reconstruction Station		50%	30 Sept/45	

Colico - Chiavenna

	Bridge in masonry 5 Arches	m ^t 90			
200 370	Arch 1 Pier 1	(m) 18 x 5 (m) 4 x 5 x 3	10% 25%	30th Oct/45	Permanent repair
	1 Arch damaged 1 Pier damaged				

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Job No	Agency	Location	Description	Size	Progress	Est. Date of Completion
AC/1054	Ing Lucca Mario Milano	Milano	Reconstruction Milano smistamento Station		20%	20 th October/45
AC/1055	Ditta Pietro Berni Milano	Milano CRANE	Reconstruction for gare section Milano Smistamento Station		5%	15 th November/45
AC/1056	Ditta Pietro Berni Milano	Milano	Reconstruction Loco Depot Milano Smistamento Station		25%	2 th October/45
AC/1057	Zaccarini MARIO	Milano	Reconstruction roof Milano Smistamento Station Pioltello side		15%	31 th October/45
AC/1058	SA. officine Della Carlina Milano	Milano	Repair shed Central Station		35%	30 th November/45
AC/1059	Ditta P. Pielli Milano	Milano	Repair Milano Porta Genova Station		15%	31 st December/45
AC/1060	Ditta Fenaroli Milano	Milano	Repair Milano Porta Vittoria Station		20%	15 th December/45
AC/1061	Ditta Lambelli Milano	Milano	Repair Milano S. Cristoforo Station		30%	30 th November/45

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Description	Size	Progress	Est. Date of Completion	Remarks
construction Milano Smistamento Station		20%	20 th October/45	(77)
construction for section Milano Smistamento Station		5%	15 th November/45	
construction co Depot Milano Smistamento Station		25%	7 th October/45	
construction roof Milano Smistamento Station Tolletto side		15%	31 st October/45	
repair shed Central Station		35%	30 th November/45	
repair Milano Sta Genova Station		15%	31 st December/45	
repair Milano Sta Vittoria Station		20%	15 th December/45	
repair Milano Cristoforo Station		30%	30 th November/45	

1530

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RAILWAY RECONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMBATS

- WINTERIZATION -

State of works as at

Line N° 53 Milano - Torino

Job N°	Agency	Location	Description	Size	Progress	Est. Date of completion
	Impresa Girela Demodossola	12 km east of Novara Km.	Stone Bridge 11 arches & 1 arch over cart road.		1%	June /46
<u>Line N° 160/54 Milano-Verona</u>						
	⁵³ Impresa Cappelletti Milano	over River Serie Km 42+144	Bridge in masonry 7 arches of mt. 16 span	mt. 112	100%	15/5/45
		over River Chiesa km 97+900	Bridge in masonry 1 arch of mt. 30 span	mt. 30	100%	10/6/45
	Ravan Olindo Milano	Roggia Calcinate km 98+139	Bridge in masonry 3 arches - mt. 8 center & mt. 4,50 ends	mt. 17	100%	10/6/45

Line N° 160/53 Milano - Verona

		over River Adda km. 126+520			100%	before 25 April /66
		Rovato km 42+144			100%	ditto
	Impresa Chiesa Milano	Desenzano Km 108+52	Viaduct in masonry 17 arches of m. 17,45 span	mt 296,65	5%	11/12/45

CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION

- WINTERIZATION -

State of works as at 29 July 1945.

For MILAN FILE

Description	Size	Progress	Est. Date of completion	Remarks
Stone Bridge 11 arches & 1 arch over cart road.		1%	June /46	Preparing Steel Centering ISR have an Inspection Squad. watching for any further movement.
Bridge in masonry 7 arches of mt. 16 span	mt. 112	100%	15/5/45	Temporary repaired 15/5/45; plans in hand for per- manent repairs
Bridge in masonry 1 arch of mt. 30 span	mt. 30	100%	10/6/45	ditto Verona-Compartment
Bridge in masonry 3 arches - mt. 8 center & mt. 4, 50 ends	mt. 17	100%	10/6/45	ditto Verona-Compartment
		100%	before 25 April /45	Temporary Repair safe for winter
		100%	ditto	ditto
Viaduct in masonry 17 arches of m. 17, 45 span	mt. 296, 65	5%	31/12/45	temporary diversion not safe for winter

1532

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Job No	Agency	Location	Description	Size	Progress	Est. Date completion
	Impresa Astaldi Milano	Peschiera km 122+31 over River Mincio Km 122+981	Bridge in masonry 7 arches - mt 22.25 span; the 5 center arches & mt. 3.65 span ends	mt. 118.55	3%	31/3/44

Line No 54 Milano - Domodossola

S.A.C.O.P. Milano + Bonfiglio	over River Ticino at Sesto Cal. km 42+884	Steel bridge Highway & Rail continuous span 3 comprising mt. 99 span center & mt 63 span ends	mt. 281	2%	30 Oct. 49
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Line No 123 Vignale - Domodossola

	over Lake Orta				
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Line No 61 Milano - Genova

Ing. Lucca Milan + Badoni	Over River Ticino km 23+923	Bridge in masonry 5 arches mt. 36 span	mt. 180	50%	31 August
Ing. Lucca Milan + Badoni	Over River PO km 14+988	continuous span in steel comprising mt. 76 span	mt. 760	15%	30 Sept.
	Over River Staffora at Voghera km 3+378				
	Over River Curone at Pontecurone km				

(2)

Description	Size	Progress	Est. Date of completion	Remarks
in masonry arches - mt. 22.25 the 5 center arches & mt. 3.65 ends	mt. 118.55	3%	31/3/46	Temporary diversion not safe for winter.
bridge High- Rail continuous 3 comprising span center 63 span ends	mt. 281	2%	30 Oct. 45	Trains up to & from t the interruption.
				Torino-Compartment
in masonry arches mt. 36 span	mt. 180	50%	31 August 45	Steelwork temporary
continuous span in 1 comprising 6 span	mt. 760	15%	30 Sept. 45	Steelwork temporary
				Genova-Compartment
				Genova-Compartment

1534

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

Job N°	Agency	Location	Description	Size	Progress	Est. Date of completion
		Over River Scrivia at Tortona km....				

Line N° 65 Milano - Bologna

	Badoni	Over River PO km 147+918	11 spans in steel mt.58,60 span first Milano side & 4 Piacenza side; the others mt.89 span	Mt.827	40%	30 Sept.45
	SACOP MILANO	Over River TARO km 98 + 088	Bridge in masonry 20 arches of mt.21 span	mt.420	20%	30 Oct.45

Line N° 158 Cremona - Fidenza

	Motturo Zaccheo	Over River PO km 3+026	Three continuous span in steel; N° 12 comprising; the first Cremona side mt.66,65 span; the other mt.89 span	mt.1045,65	20%	30 Oct.45
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Line N° 155 Parma - Brescia

	Badoni	Over River PO km 21 + 4	Continuous span in steel 17 arches - ends mt. 53,60 span & Mt.54,20 intermediate	mt.1070,20	2%	Nov/1945
	Officina BOSBI Milan	Over River Oglio km 43+305	Continuous span in steel 3 arches; mt.68,50 Center & mt.53,70 ends	mt.175,90	5%	Oct./45

(3)

	Description	Size	Progress	Est. Date of completion	Remarks
					Genova-Compart ment
PO	11 spans in steel mt.58,60 span first Milano side & 4 Piacenza side; the others mt.89 span	Mt.827	40%	30 Sept.45	temporary
	Bridge in masonry 20 arches of mt.21 span	mt.420	20%	30 Oct.45	Permanent
PO	Three continuous span in steel; N° 12 compris ing; the first Cremona side mt.66,65 span; the other mt.89 span	mt.1045,65	20%	30 Oct.45	Temporary
PO	Continuous span in steel 17 arches - ends mt. 53,60 span & mt.54,20 intermediate	mt.1070,20	2%	Nov/1945	Temporary 520 of new bridge
	Continuous span in steel 3 arches; mt.68,50 Center & mt.53,70 ends	mt.175,90	5%	Oct./45	Temporary

Job. N°	Agency	Location	Description	Size	Progress	Est. Date complete
<u>Line N° 163 Pavia - Codogno - Mantova</u>						
	Moncalvi Pavia	Over River Olona km 17+170	Continuous span in steel	mt. 21	100%	complete
	ICOS Milano	Over River Lambro km 31+436	Three arches in masonry mt. 14,30 span	mt. 52,90	25%	1st Oct.
	S.A. Zerbinati, Milan	Over River ADDA km 7+969	Three spans in steel mt. 45,50 center & mt. 54,50 ends	mt. 154,50	5%	30 Oct.
	S.A. Zerbinati, Milan	Over River Oglio km 62+270	Three spans in steel mt. 49 center & mt. 39,70 ends	mt. 128,40	35%	31st Aug.
<u>Line N° 156 Brescia-Cremona</u>						
	SAMICEN Crema	over River Oglio km 6+241	Three arches in masonry of mt. 22 span	mt. 66	10%	31 Sept.
<u>Line N° 153 Rovato - Bergamo</u>						
	Romagnoli Milano	Over river Oglio km 43+049	viaduct in masonry 9 arches of mt. 20 span	mt. 130	5%	30 March
<u>Line N° 66 Alessandria - Piacenza</u>						
	Ranza Milan	Over River Trebbia km 90+300	Bridge in masonry 23 arches of mt. 16,80	mt. 386,40	20%	31/Oct. 4
<u>Line N° 69 Bologna - Verona</u>						
	Pazzoli Milan	Over River Po at Ostiglia	6 spans each mt. 170 in Steel Abutments Piers Steel lifted reconstr.	mt. 420,00		30 Nov.

Description	Size	Progress	Est. Date of completion	Remarks
<u>Mantova</u>				
Continuous span in steel	mt. 21	100%	complete	permanent repairs
Three arches in masonry mt. 14,30 span	mt. 52,90	25%	1st Oct. 45	Temporary
Three spans in steel mt. 45,50 center & mt. 54,50 ends	mt. 154,50	5%	30 Oct. 45	Temporary
Three spans in steel mt. 49 center & mt. 39,70 ends	mt. 128,40	35%	31st Aug. 45	Temporary
Three arches in masonry of mt. 22 span	Th mt. 66	10%	31 Sept. 45	Temporary
viaduct in masonry 9 arches of mt. 20 span	mt. 180	5%	30 March 45	Permanent bridge
<u>Boezza</u>				
Bridge in masonry 23 Arches of mt. 16,80	mt. 386,40	20%	31/Oct. 45	Permanent Bridge.
6 spans each } mt. 79 in Steel Adjustments Piers Steel lifted & recons built.	mt. 420,00		30 Nov/45	Bologna Camp. Arches Semi-Permanent Bridge Steel works contract ANSALDO, Genoa NOT yet commenced

7152
7/10

-- MILAN - DIVISION --
-- MONTHLY REPORT JUNE 1945 --

Line No 53. Milano - Torino.

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

Line No 53/147.

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

Line No 65.

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

Line No 69.

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

Line No 61.

Milano-Tortona. Bridge over River Ticino, work commenced

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

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

Bridge over Adia, work proceeding on piers and abutments. Bridge over the Muse work well in hand, also here only two half piers of the original structure left.

Line E9 69.

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

Line N° 61.

Milano-Tortona. Bridge over River Ticino, work commenced on permanent bridge.

Bridge over river PO no work on this bridge when I visited the site.

Bridge at Straffara temporary repairs made

Bridge over torrente Curone temporary repairs made.

Bridge at junction South of Tortona temporary repairs made.

Line N° 66.

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

6622

GENERAL

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

seriously hampered by the lack of tyres, until higher Authority could be persuaded to release sufficient for preliminary needs.

The work of construction and repair suffered from lack of transport, this was rectified by the release of lorries to the I.S.R. Compartment⁶, but to date it has not been possible to obtain the necessary authority for the requisite P.O.L. thus we have approx. one hundred lorries not able to work to full capacity.

Unless this is promptly arranged, it is probable that the winterization programme will be seriously affected, owing to the loss of valuable long hours of day light and low water periods in the rivers.

1541

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

to the loss of valuable long hours of day light and low
water periods in the rivers.

6882

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OFLine N°65. Arezzo-Pontassieve-Florence.State of works as at

Job No	Agency	Location	Description	Size	Prog
AC/65/1199	I.S.R. Sieci	Compiobbi Km.302+69.	- Track	Km. 4+03	
AC/65/1200	Berni		3 culverts & passes	Average M65	
AC/65/1201	Berni	Km. 300+436	Bridge (2 arches)	m. 12.00	
AC/65/1202	Berni	Km. 301+82	Bridge (2 arches)	m. 19.70	
AC/65/1203	I.S.R.		Earthworks	Km. 0+25	
AC/65/1204	I.S.R. Compiobbi	- Firenze S.M.N. Km.314	- Track.	Km.12.00	comp
AC/65/1205	Berni		One small culvert etc.		com
AC/65/1206	Berni	Km.303+386	Bridge (arch)	m. 9.50	
AC/65/1207	Berni	Km.311+78	Bridge 3 steel spans	m.19.20	
AC/65/1208	Berni	Km.313+68	Bridge 3 steel spans	m.17.70	
AC/65/1209	I.S.R.		Earthworks		com
AC/65/1210	I.S.R. Compiobbi	- Firenze S.M.N. (Km.314)	- Track.	Km.12.00	com
AC/65/1211	Berni	Km.314	one small culvert		com
AC/65/1212	I.S.R.		Earthworks		com

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RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.Morence.State of works as at

Location	Description	Size	Progress	Est. date of completion	Remarks
Km. 302+69.	- Track	Km. 4+03			
36	3 culverts & passes	Average M.S.			
2	Bridge (2 arches)	m. 12.00			
	Bridge (2 arches)	m. 19.70			
	Earthworks	Km. C+25			
Zone S.M.N. Km. 314	- Track.	Km. 12.00	complete		
6	One small culvert etc.		completd.		
	Bridge (arch)	m. 9.50			Not damaged
	Bridge 3 steel spans	m. 19.20			Not damaged
	Bridge 3 steel spans	m. 17.70			Not damaged
	Earthworks		completd.		
Zone S.M.N. (Km. 314)	- Track.	Km. 12.00	completd.		
	one small culvert		completd.		
	Earthworks		completd.		

RAILWAY CONSTRUCTION CONTRACT WORK UNDER CONTROL OF

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

Job N°	Agency	Location	Description	Size	P
AC/65/1180	I.S.R.	Rignano-Pontassieve	Km. 294+47 - Track	Km. 8+20	
AC/65/1181	Di Penta		20 culverts and passes	Average m. 1	
AC/65/1182	Di Penta	Km. 286+39	Viaduct (11 arches)	m. 77.00	
AC/65/1183	Di Penta	Km. 286+45	Bridge Steel span	m. 7.00	
AC/65/1184	Di Penta	Km. 286+55	Bridge arch	m. 7.00	
AC/65/1185	Di Penta	Km. 287+21	Viaduct (12 arches)	m. 120	
AC/65/1186	Di Penta	Km. 289+21	Bridge 2 steel spans	m. 94.35	
			Abutments (River Arno)		
			Centre pier		
AC/65/1187	Di Penta	Km. 290+00	Retaining wall (Frana Padi)	m. 100	
AC/65/1188	Di Penta	Km. 290+60	Camicuccioli tunnel	m. 117.65	
AC/65/1189	Di Penta	Km. 291+35	Retaining wall (river)	m. 305.00	
AC/65/1190	Di Penta	Km. 291+77	Bridge (1 arch)	m. 20.00	
AC/65/1191	Di Penta	Km. 292+85	Retaining wall (river)	m. 370.00	
AC/65/1192	Di Penta	Km. 294+13	Bridge (3 arches) m. 20		
			(R. Sieve 2 arches) m. 7	m. 74.00	
AC/65/1193	I.S.R.		Earthworks	Km. 1.00	
AC/65/1194	I.S.R.	Pontassieve-Sieci	Km. 298+63 - Track	Km. 4+16	
AC/65/1195	Berni		2 culverts & passes	Average m. 75	
AC/65/1196	Berni	Km. 296+25	Bridge overpass	m. 9.25	
AC/65/1197	Berni	Km. 299+12	Bridge (2 arches)	m. 24.00	
AC/65/1198	I.S.R.		Earthworks	Km. 0+50	

As folios

(5)

CONSTRUCTION CONTRACT WORK UNDER CONTROL OF ALLIED COMMISSION.
ce. State of works as at

	Description	Size	Progress	Est. date completion	Remarks
ave	Km.294+47 - Track	Km. 8+20			
	20 culverts and passes	Average m.1			
	Viaduct (11 arches)	m.77.00			
	Bridge Steel span	m.7.00			
	Bridge arch	m.7.00			
	Viaduct (12 arches)	m.120			
	Bridge 2 steel spans	m.94.35			
	Abutments (River Arno)				
	Centre pier				
	Retaining wall(Frana Padi)	m.100			
	Camicuccioli tunnel	m.117.65			
	Retaining wall (river)	m.305.00			
	Bridge (1 arch)	m. 20.00			
	Retaining wall (river)	m.370.00			
	Bridge (3 arches) m. 20				
	(R.Sieve2 arches) m. 7	m. 74.00			
	Earthworks	Km. 1.00			
ai	Km.298+63 - Track	Km. 4+16			
	2 culverts & passes	Average m.75			
	Bridge overpass	m. 9.25			
	Bridge (2 arches)	m.24.00			
	Earthworks	Km.0+50			

Art folios

~~LINEA NO MILANO~~

Rap

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English

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Rapporto settimanale al

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