

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

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10000/142/1243

TERINO

MINISTERO DELLE COMUNICAZIONI
FERROVIE DELLO STATO
COMPARTIMENTO DI TORINO
SEZIONE LAVORI

TURIN 23 SEPTEMBER 1945

N° 17692/CS

- MILITARY RAILWAY SERVICE MILANO
- CAPITANO CONWAY TORINO
PRESSO SEZIONE LAVORI
COMMISSARIO STRAORDINARIO
FERROVIE ALTA ITALIA MILANO
CAPO COMPARTIMENTO SEDE

SUBJECT

WEEKLY report on
restoration works.

e p.c.

Encl. 16.

Pending last week have been continued the restoration works according to the facts arising from the enclosed prospectus.

In regard to tracks repairing :

a)- has been restored down-trains track from Km.35+600 to Km.35+800 of Turin-Alessandria line between Villanova and Villafraanca d'Asti stations ;

b)- has been restored down-trains track, here and there interrupted, between Baldichieri and S.Damiano stations, for a summary length of 800 m^s ;

c)- has been restored down-trains track from Km.41+950 to Km.42+100, of TURIN-Modene line, between Borgone and Bussoleno stations.

d)- at Alessandria Centrale station have been restored 5th and 6th line (luggage-trains side) and 3rd line (Platforms side) ;

e)- at Alessandria Smistamento station have been restored 11th and 12th line (down-trains side), 3rd and 4th line (up-trains side).

f)- at Novara Smistamento station have been repaired two switches (first one at 4th line up-trains side, and second one at 12th down-trains side)

according to the following:

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a)- has been restored down-trains track from Km.35+600 to

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b)- has been restored down-trains track, here and there interrupted, between Baldichieri and S.Damiano stations, for a summary length of 800 m^s;

c)- has been restored down-trains track from Km.41+950 to Km.42+100, of TURIN-Modane line, between Borgone and Busnoleno

stations.

d)- at Alessandria Centrale station have been restored 5th and 6th line (luggage-trains side) and 3rd line (Platforms side);

e)-at Alessandria Smistamento station have been restored 11th and 12th line (down-trains side), 3rd and 4th line (up-trains side).

f)- at Novara Smistamento station have been repaired two switches (first one at 4th line up-trains side, and second one at 12th down-trains side)

Pending 11th week have been regained along the section lines, and have been sent to Torino Dora in order to be stored in Torino Smistamento warehouse, 313778 kg^s of iron materials.

- The chief of the Works Section.

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" WORK " and " SPECIAL WORK " Section TORIN

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	PICLIO NE EDOARDO	2/7-4
PL		Responsible Capo Gruppo	Doct. Ing. PIRRO	SERANTONI	

" Section TORIN

Weekly Report ^{CC}₂₄ September 24th 1945
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D-	Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
in ed	Vaults definitive restoration in course	PICLIO NE EDUARDO	2/7-45	76	20/10-45	2.000.000.	Centers in a course of being set up in order to 1 st arch restoration.
opo	Doct. Ing. PIERO	SERANTONI					

" WORK " and " SPECIAL WORK " Section TURIN

Line.....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 (10m. each one) 33+367. Between S. Antonino; and Borgone's stations	Two arches completely fallen in	Traffic going on provisionally on iron beams. Definitive restoration in course	Ing. ^r 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.	Broth. ^o GILLIO	10-7-45
3	3 arches bridge ^{OVER} Meleset stream at 83+622 Km. between Beaulard and Bardonecchia Stations.	Bridge completely fallen in	Definitive restoration in course	ANGIOLINI	10-7-45

Section TURINWeekly Report ²₅ at September 24 th 1945
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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	Ing. ^r GUERRINI	16-7-45	25	15-11-45	6.000.000	The works in order to shouldering piece and pier towards Bardonecchia restoration, and the centers construction and setting up have been continued.
Definitive vaults restoration.	Broth. ^o GILLIO	10-7-45	85	10-10-45	4.000.000	The arches of concrete have been finished lateral walls of the shouldering piece (towards Bardonecchia) in course of being built.
Definitive restoration in course	ANGIOLINI	10-7-45	35	15-11-45	12.000.000	The shouldering piece towards Bardonecchia is in course of being built; the centers are in course of being set up in order to build the new arches.

" WORK " and " SPECIAL WORK " Section TURIN

Line.....TURIN - MODANA.....

Job No	Location	Summary description of damage	Summary description of temporary 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 restoration in course.	BRUNETTI	3-7-45

tion TURINWeekly Report ^{Y-1} at ~~SEPTEMBER~~ 24 th 1945

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	12	15-3-46	12.000.000	The Allied Command has but in these days supplied a little part of the promised wooden material. Steps have been taken in order to transfer the wooden materials supplied directly to the Italian State Railways. Allied Command provides for reclamation-works execution with German prisoners.

" WORK " and " SPECIAL WORK " Section TURINLine.....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. and central ones of 25,20 m. at Km.6+398 over ELVO stream between Carisio and Burenzo.	1 st arch fallen in (towards Santhia) and 2 nd one cut off.	Definitive restoration	SAVIGLIANO WORKSHOPS	1-8-9

" Responsabile Capo Gruppo " Doct Ing. Pirro Serantoni

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" Section TURIN

Weekly Report of September 24th 1945

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P-	Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
1a) a)	Definitive restoration	SAVIGLIANO WORKSHOPS	1-8-945	90	30/9-45	1.500.000	= Iron beams nailing on the spots has been continued.

Capo Gruppo = Doct Ing. 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 Toce 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 in river bed	Definitive restoration of the beam	SAVIGLIANO WORKSNOPS	1/8-

Responsible Capo Gruppo : Doct. Ing. PIRRO SERANI

Section TURIN

Weekly Report *89* September 24th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Definitive restoration of the beam	SAVIGLIANO WORKSHOPS	1/8-45	10			Until the firm will not get the necessary iron materials, it is impossible to fix the date of work accomplishment. Savigliano workshops have notwithstanding noticed in the few days concerning a near arrival of iron materials from the "Ferriere Piemontesi".

Responsible Capo Gruppo : Doct. Ing. FIRRO SERANTONI

" WORK " and " SPECIAL WORK " Section TURINLine... ~~TURIN - MILAN~~

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

Weekly Report at September 24th 1945

ary descrip of tempora repairs	Agency	Initial date of works	Pro- gress	Est'date of Comple tion	Amount	Remarks
-scaffolding two damaged	GIROLA UMBERTO of MILAN	24/7-45	95	30/9-45	2.500.000	Centers rela- ting to 1 st arch nearly setup.
Doct. Ing ^r	PIRRO SERANTONI					

" WORK " and " SPECIAL WORK " Section TURIN

Line. PINEROLO = TORRE PELLICE

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Promiscuous stone bridge with 3 arches each one of 17 m. Km. 2+872 Chisone stream between Pinerolo and S. Secondo	3 arches fallen in	Deviation laid aside of the ordinary line.	MAFFIOTTO FELICE & C.	23/8-4
Responsible Capo Gruppo : Doct. Ing. Andreussi Odorio					
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" Section TURIN

Weekly Report at September 24 1945

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	Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
in	Deviation laid aside of the ordinary line.	MAFFIOTTO FELICE & C.	23/8-45	30	23/10-45	1.257.750	Fondation ditches and concrete casting of 3 rd pier's basement have been continued. Wall works of shouldering-piece towards Pinerolo have been begun.
apo	Gruppo : Doct. Ing. Andreussi	Odorico.					

/ SEZIONE LAVORI /

TORINO

Rapporto

Linea : AIRASCA = CAVALIERMAGGIORE

Numero d'Ordine	Ubicazione dell'opera	Descrizione sommatoria del dissesto	Descrizione somma ria dell'opera prevista	Ditta esecutrice	Data inizio lavori
1	Promiscuous stone bridge with 5 arches each one of 17 m. on Pellice stream at Km.13+339, between Vigone and Villafran- ca.	5 arches fallen in	Removal of debris	ATES TURIN	27/8-45

Responsabile Capo Gruppo: Doct. Ing. ANDREUSSI ODORICO

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Rapporto settimanale al ~~September~~ ²⁴ 1945

CAVALLERMAGGIORE

Descrizione somma ria dell'opera visoria	Ditta esecutrice	Data inizio lavori	% esegui -ta	Data ripristino presunto	Importo presunto	Annotazioni e materiali non disponi bili
Removal of debris	ATES TURIN	27/8-45	30	25/10-45	948.000	

Pro: Doct. Ing. ANDREUSSI ODORICO

" WORK " and " SPECIAL WORK " Section TURIN

Line... SAVIGLIANO. e. 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 ² at Km.6+737 over Varaita stream between Madonna delle Grazie and Bagasco.	2 nd arch towards Saluzzo partially fallen in	Temporary restoration	New building society TURIN	11/9-45

Responsible Capo Gruppo : Ing. Andreucci Odorico

" WORK " and " SPECIAL WORK " Section TURINLine. FOSSANO - CEVA

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Viaduct stone bridge with 16 arches each one of 25m., 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	20-8-45
2	Viaduct stone bridge with 9 arches each of 25 m. at Km. 37+319, on Tanaro river between Lesegno and Ceva.	6 arches, 4 piers and 1 shouldering piece fallen in	"	Bellino Michele	21-8-45

-Responsabile Capo Gruppo: Doct. Eng.^r ANDEUSSI ODORE

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Section TURIN

Weekly Report at September - 24- 1945

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" WORK " and " SPECIAL WORK " Section TURINLine... CEVA - ORMEA

Job No	Location	Summary description of damage	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
2	Bridge with 3 arches each one of 15 m ² 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 ² on Tanaro river at Km. 6+366 between Ceva and Nucetto.	Completely fallen in	"	Decisi Luigi and son	19-9-45	10

Responsible Capo Gruppo : Doct. Eng. ANDRANESI ODORICO

Section TURIN

Weekly Report at September - 24 th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
The pottering pier has to be strengthened.	Decisi Luigi and son.	15-9-45	20	20-10-45	100.000	The pottering pier is in course of being strengthened.
Removal of debris					600.000	Leasing out in course.
"	Decisi Luigi and son	19-9-45	10	14-10-45	400.000	of Removal debris concerning the central pieces commanded for an amount of L.180.000
apo Gruppo : Doct. Eng. ANDREI SI ODORI						

" 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
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	19-2-45
2	Stone bridge with 5 arches; of 18 m. at Km. 9+408 over Isola brook between Santuario and Sella	Propping cons and 1/4 pier towards Savona completely fallen in	"	"	19-9-45
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.	"	"	19-9-45
4	Braila viaduct at Km. 46+291 between Ceva and Castellino station.	4 arches and 3 piers fallen in	Pier raised in order to support the tracks	RACCA Costantino	10-9-45
(The restoration works of the new line S. Giuseppe-Altare-Savona have been inter- of S.E. the Trasports State Secretary.					

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" WORK " and " SPECIAL WORK " Section TURIN

Line. SAVONA...-CANTASFOLE.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
5	Stone bridge on Tanaro river; Km. 57+529 between Niella and Bastia stations	3 arches and 2 piers fallen in	Definitive restoration	Ing. FENAROLI	13-8-45
6	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	"	MORESCO and CHIARVA	10-9-45
7	Stone bridge with 4 arches each one of 20 m. Km. 69+795 between Carrù and Tarigliano.	Frontal walls destroyed and arch damaged.	"	RIZZO Paolo of Niella	22-8-45
8	Bridge with 6 arches of 20 m. each one, on Stura river. Km. 88+901 between Cherasco and Bra	4 th arc fallen in	"	ROSAZZA & LANZA of Turin.	9-7-45
RESPONSABLE CAPO GRUPPO : DOCT. Eng. ANDREUSSI ODORICO					

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" WORK " and " SPECIAL WORK " Section TURIN

Line.....TROFARELLO-CUNEO..

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 10 m., at Km. 34+968, over Mellea stream between Cavallermaggiore and Savigliano.	1 st arch towards Trofarello partially fallen in	Temporary restoration.	MAFFIOTTO FELICE & C.	2/9-45
Responsible Capo Gruppo : Doct. Ing. ANDREUSI ODORICO					
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Section TURINWeekly Report at ⁹September 24th 1945
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PARELLO-CUNEO..

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	3	11/11-45	856.350.-	The demolition of the vault has been begun.
Gruppo : Doct. Ing.	ANDREUSSI	ODORICO				

" WORK " and " SPECIAL WORK " Section TURIN

Line...CUNEO.GESSO.=.VENTIMIGLIA.....

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 21 m. Km.12+850 on Gesso stream between Borgo S.Dalmazzo and Roccavione	3 arches fallen in, piers and shouldering pieces damaged	Temporary restoration	MORESCO and CHIARVA	22/8-4
Responsible Capo Gruppo : Doct. Ing. ^r					ANDREUSI ODORICO
PL					

Section TURIN

Weekly Report at September 24th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Temporary restoration	MORESCO and CHIARVA	22/8-45	80	21/10-45	660.000.-	Cement basements in course of being built in order to support the Differdingen beams
Supp : Doct. Ing.	ANDREUSSE	ODORICO				

" WORK " and " SPECIAL WORK " Section TURIN

Line..TURIN...GENOVA.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Stone bridge with 5 arches of 12 m.at.Km 37+733,over Stenevasse stream between Villanova and Villafranca	3 arches,1 pier and 1 shouldering piece fallen in	Temporary restoration accomplished with propping wood and dem piers and Diferdingen Beams.	Eng. CASTAUDI SERRA	20-6-45
2	Stone bridge with 5 arches (3 ones of 8m and 2 ones of 3 m.) at Km.46+150,over Traversa stream between Baldichieri and San Damiano.	One arch fallen in partially destroyed.	"	DE BERNARDI	20-6-45

Section TURINWeekly Report of September 24th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'd date of Completion	Amount	Remarks
Temporary restoration accomplished with propping wood and steel piers and Diferdingen Beams.	Eng. CASTAUDI SERRA	20-6-45	20	31-12-45	11.610.000	Double propping wooden piers have been constructed. Old propping frames have been demolished and bundle-tracks have been set up in order to repair the shouldering piece towards Turin. The damaged pieces are in course of being demolished. Restoration works of the shouldering-piece towards Genoa have been continued.
"	DE BERNARDI	20-6-45	55	12-11-45	1.700.000	The half arch beneath dawn train track has been accomplished. Electrical line, in course of being laid over dawn-trains track between Baldichieri and S. Damiano, will be accomplished within 25-9-45, in order to begin the restoration works relating to the up-trains track.

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

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
3	Aqueduct of 5 m. at Km.23+007 between Pessione and Villanova	Half arch fallen in and remaining pieces damaged.	Temporary restoration performed.	DE BERNARDE Felice	10-6-45
4	Stone bridge with 5 arches of 9 m. at Km.54+797, over Borbone river between S. Damiano and Asti.	Vault and relating lateral piers damaged.	Temporary restoration accomplished.	DE BERNARDE Felice	2-7-45
5	Bridge over the road at Km.21+656, between Lombiano and Pessione	Arch partially destroyed	Temporary restoration accomplished.	DE BERNARDE Felice	2-7-45

Responsible Capo Gruppo Dott. Ing. VERARDI ARTURO

Section TURIN

Weekly Report SEPTEMBER 24 th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est. date of Completion	Amount	Remarks
Temporary restoration performed.	DE BERNARDI Felice	30-6-45	55	5-11-45	800.000	Electrical line in course of being laid over down-trains track, between Pessione station and the bridge, in order to begin the restoration works relating to the up-trains track.
Temporary restoration accomplished	DE BERNARDI Felice	2-7-45	15	15-11-45	1.300.000	Lateral walls building has been continued. We are waiting for the arrival from Ivrea of the iron beams in order to execute the propping works beneath the track and the building of the damaged arch.
Temporary restoration accomplished.	DE BERNARDI Felice	2-7-45	45	15-11-45	300.000	Central arch restored. The frontal walls and the breast-works are in course of being built. The arch and the walls of the ware house placed beneath the same arch, lightly damaged, are in course of being repaired.

Spa Gruppo Dott. ING. VERARDI ARTURO

" 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 m., over Tanaro river between S. Marzanotto Rivi and Asti.	One beam damaged ; one pier fallen in and relating shouldering pieces damaged	Beams restoration Pier and shouldering pieces restoration	ANSALDO (Iron works) TESSITORE BRUNO (Stone works)	23/8-45
		Responsible: Capo Gruppo Doct. Ing. Beltrami Vincenzo.			
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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'd date of Completion	Amount	Remarks
Beams restoration pier and shoulder-rig pieces restoration	ANSALDO (Iron works) TESSITORE BRUNO (Stone works)	23/8-45	17	15/12-45	7.000.000.	Restoration works have been allowed to S.A. Ansaldo which is presently providing for iron materials supply-Three rail cars of materials, wanted for centers getting up, is arrived in the meantime. Walling works will be begun as soon as S.A. Ansaldo will raise up the beam presently leaning on fallen pier. In order to cope works execution 265 tons of iron materials and 600 quintals of cement-are
Gruppo Doct. Ing. Beltrami Vincenzo.						

" WORK " and " SPECIAL WORK " Section TURIN

Line.....TURIN = AND...DEPENDENCES.....

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

Responsible Capo Gruppo : Doct. Eng. CARRARA UMBERTO

Section TURIN

Weekly Report ¹⁵₆₈₈ at September 24 th 1945

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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 waiting for ground glasses; in order to works accomplishment.
"	ODOLI Giovanni	2-7-45	92	30-9-45	2.700.000	
"	Pardini Albano	25-6-45	55	15-10-45	1.187.000	
"	BONDINO Giovanni	17-8-45	62	16-10-45	1.031.300	

Le Capo Gruppo : Doct. Eng. CAHARA UMBERTO

MINISTERO DEI TRASPORTI
FERROVIE DELLO STATO
COMPARTIMENTO DI TORINO
SEZIONE LAVORI

Turin, 15 settembre 1945

N° 16938/ CS

MILITARY RAILWAY SERVICE

MILANO

Subject :

Capitano C O N W A Y

Weekly report on
restoration works.

presso SEZIONE LAVORI - T O R I N O

----- e p.c. COMMISSARIO STRAORDINARIO FERROVIE
ITALIA NORD-OCCIDENTALE - MILANO

" CAPO COMPARTIMENTO - SEDE

Incl : 16

Pending last week have been continued the restoration works according to the facts arising from the alleged prospectus :

In regard to tracks repairing :

- a)- Has been restored down-trains track from Km. 35+400 to Km. 35+600 of Turin-Alessandria line between Villanova and Villafraanca d'Asti stations.
- b)- Has been restored down-trains track from Km. 41+650 to Km. 41+950 of Turin-Medane line between Borgone and Bassoleno-stations.
- c)- Has been accomplished, with 200 m.^s new track's building, the up-trains line's restoration between Villastellone and Caragnola stations, after having rectified the preexisting double curve and having eliminated one switch.
- d)- Has been demolished 900 m.^s track of Pesseno-Ceva line between Trinità and Magliano stations.

In the same week have been regained along the Section lines, and have been sent to Turin-Dora, in order to be stored in Turin-Sm. Warehouse, Kg. 136.276 of iron materials.

WORKS SECTION MAN.

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Pending last week have been continued the restoration works according to the facts arising from the alleged prospectus :

In regard to tracks repairing :

- a)- Has been restored down-trains track from Km. 35+400 to Km. 35+600 of Turin-Alessandria line between Villanova and Villafraanca d'Asti stations.
- b)- Has been restored down-trains track from Km. 41+650 to Km. 41+950 of Turin-Modane line between Borgone and Bussoleno stations.
- c)- Has been accomplished, with 200 m. new track's building, the up-trains line's restoration between Villastellone and Cermagnola stations, after having rectified the preexisting double curve and having eliminated one switch.
- d)- Has been demolished 900 m. track of Piossasco-Ceva line between Trinità and Magliano stations.

In the same week have been regained along the Section lines, and have been sent to Turin-Dora, in order to be stored in Turin- Sm. Warehouse, Kg. 136.276 of iron materials.

WORKS SECTION MAN. *Clavij*

pdz

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" WORK " and " SPECIAL WORK " Section TURIN

Line.....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 one) 33+387 Km. Between S. Antonino ; and Borgone's stations	Two arches completely fallen in	Traffic going on provisorioly on iron beams. Definitive restoration in course	Ing. ^r GUERRINI	16.7.45
2	Bridge under the way of 5,77 m.- 82+310 km. stone-bridge of 18,21 m. on Bardonecchia stream. Km. 82+328 between Beau-lard and Bardonecchia stations.	Vault fallen in	Definitive vaults restoration	Broth ^s GILLIO	10.7.45
3	3 arches bridge on Me-lozet stream at 83+622 km. between Beau-lard and Bardonecchia stations.	Bridge completely fallen in	Definitive restoration in course	ANGIOLINI	10.7.45
Responsible Capo Gruppo : Doct. Eng. ^r				PIRRO SERANTONI	

Section TURINWeekly Report at ^{CD} September 17th 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	Ing. ^F GUERRINI	16.7.45	20	15.11.45	6.000.000	Foundation ditches in order to shouldering piece and pier (-towards Bardonecchia) restoration and centre-scaffolding setting up.
Definitive vaults restoration	Broth ^S GILIO	10.7.45	80	10.10.45	4.000.000	Cement arches finished- Frontal walls and shouldering wall (-towards Bardonecchia) in course of being built.
Definitive restoration in course	ANGIOLINI	10.7.45	30			Shouldering walls and pier (towards Turin) accomplished- Centers building in course.
Gruppo : Doct. Eng. ^F	PIRRO SERANTONI					

" WORK " and " SPECIAL WORK " Section TURIN

TURIN - MODANE

Line.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
4	Fragua artificial tunnel at 53.400 km.	Completely fallen in for abt 200 m. of its length.	Definitive restoration in course	ARMISTE	3. 7.42

Section TURIN

Weekly Report at ⁹²September 17th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Definitive restoration in course	PROVVISI	3. 7.45	9	15.3.46	12.000.000	Removal of debris in course. The Allied Command, yet in these days asked for, has not supplied, the wooden materials necessary to temporary frames and to centre scaffolding; therefore the firm cannot carry on his works. Allied Command provides for works execution with German prisoners.

" WORK " and " SPECIAL WORK " Section TURIN

ASTI - CHIVASSO

Line.....

Job No	Location	Summary descrip- tion of damages	Summary descrip- tion of tempora- ry repairs	Agency	Initia- date works
1	13 arches stone - bridge (one arch of 10 m. and 12 ones of 20 m.) Km.46+838 River Po	9 th arch fallen in; first one damaged	Vaults definitive restoration in course	FIGLIONE EDOARDO	2.7.4
- Responsible Capo Gruppo : Doct. Ing^r PIRRO SERANTON					
pdz					

Section TURIN

Weekly Report at ¹⁶~~28~~ September 17th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Vaults definitive restoration in course	FIGLIONE EDOARDO	2.7.45	75	30.9.45	2.000.000	9 th arch finished; 1 st one demolished Building of relating centers in course.
Gruppo : Doct. Eng. ^r	PIRRO	SERANTONI	.			

" 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. and central ones of 25,20 m. Km. 6-398 Nivo stream	1 st arch fallen in (towards Santhia) and 2 nd one cut off.	Definitive restoration	SAVIGLIANO WORKSHOPS	1.8.945
Responsible Capo Gruppo = Doct. Eng. FIRRO SERANTONI					

" WORK " and " SPECIAL WORK " Section TURIN

NOVARA - DOMODOSSOLA

Line.....

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. Km.66+217 Teco river	5 th pier and beam between 5 th and 6 th pier fallen in 6 th and 7 th beam fallen in river bed	Definitive restoration of the beam	SAVIGLIANO WORKSHOPS	1.8.45
- Responsible Capo Gruppo : Doct. Eng. ^r					PIRRO SARANTONI

Section TURIN

Weekly Report at 53 September 17th 1945

Summary descrip-
tion of tempora-
ry repairs

Agency

Initial
date of
works

Pro-
gress

Est'date
of Comple-
tion

Amount

Remarks

Definitive resto-
ration of the beam

SAVIGLIANO
WORKSHOPS

1.8.45

10

Until the firm
will not get the
necessary iron
materials it
is impossible
to fix the da-
te of works ac-
complishment.
There are many
difficulties
for the firm
in such iron
materials pro-
vision.

Suppo : Doct. Eng.^r

PIRRO SERANTONI

vdz

" WORK " and " SPECIAL WORK " Section TURIN

TURIN - MILAN

Line.....

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initial date of works
1	Bridge on Ticino river at Km.114+133	Arches and some piers seriously damaged	Centre-scaffolding of the two damaged arches	GIROLA UMBERTO of Milan	24.7.41
- Responsible Capo Gruppo : Doct. Eng. ^r PIERRO SERANTONI.					

Section TURIN

Weekly Report at ^{CO}~~CO~~ September 17th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Centre-scaffolding of the two damaged arches	GIROLA UMBERTO of Milan	24.7.45	70	30.9.45	2.500.000	Centers relating to 1 st arch in course of being set up.
Supp: Doct. Eng ^r	PIERO SERANTONI.					pd

" WORK " and " SPECIAL WORK " Section TURIN

PINEROLO -- TORRE PELLICE

Line.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Prismatic stone bridge with 3 arches each one of 17 m. Km. 2+ 672 Olcese stream	3 arches fallen in	Deviation laid inside of the ordinary line .	MAFFIOTTO PELLICE & C.	23.8.45
		- Responsible Capo Gruppo : Doct. Ing. ^F		ANDREUSSI	ODORICO

Section TURIN

Weekly Report of ⁶⁸September 17th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'd date of Completion	Amount	Remarks
Deviation laid outside of the ordinary line .	MAFFIOTTO FELICE & C.	23.8.45	18	23.10.45	1.257.750	Foundation timbers arranged; draining accomplished; wooden frames set up.
Supp : Doct. Eng. ^r	ANDREUSSI	ODORICO .				

" WORK " and " SPECIAL WORK " Section TURIN

AIRASCA - CAVALLERMAGGIORE

Line.....

Job No	Location	Summary descrip- tion of damages	Summary descrip- tion of tempora- ry repairs	Agency	Initial date of works
1	Promiscuous stone bridge with 5 arches, each one of 17 m. on Pellice stream at Km. 13+335	5 arches fallen in	Removal of debris	ATIS Turin	27.8.45
		Responsible Capo Gruppo : Doct. Eng. ^r			ANDREUSSE OLORIO

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

785021

Section TURIN

Weekly Report at September 17th 1945

REGIONS

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
in Removal of debris	ATES Turin	27.8.45	25	25.10.45	948.000	
Gruppo : Doct. Eng. ^r	ANDREUSSE	ODORICO .				

" WORK " and " SPECIAL WORK " Section TURIN

SAVIGLIANO - SALUZZO

Line.....

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initial date of works
1	Stone bridge with 4 arches each one of 15 m. ³ Km. 6 + 737 Varaita stream between Madonna delle Grazie and Legnasco.	2 nd arch towards Saluzzo partially fallen in	Temporary restoration	New building society Turin	11.9.45
-		Responsible Capo Gruppo :	Eng. ^r	ANDREUSSI	ODORICO

Section TURIN

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Weekly Report at September 17th 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	1	10.11.45	534.000	Materials in course of being provided .
Gruppo : Eng. ^F	ANDREUSSET	ODORICO				paz

" WORK " and " SPECIAL WORK " Section TURIN

POSSANO - GEVA

Line.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works	P
1	Viaduct stone bridge with 16 arches each one of 25 m. Km.19+722 on Allero stream	6 arches, 6 piers and 1 shouldering piece fallen in.	Removal of debris	RACCA COSTANZO	20.8.45	
2	Viaduct stone bridge with 9 arches each of 25 m. Km.17+323 on Tanaro river	6 arches, 4 piers and 1 shouldering piece fallen in	"	BELLINO MICHELLE	21.8.45	
		Responsible Capo Gruppo : Doct. Eng. ^F		AMERISSEI	ODORICO	

Section TURIN

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Weekly Report at September 17th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Removal of debris	RAGGA COSTANZO	20.8.45	60	20.10.45	800.000	
"	BELLING MICHIELLE	21.8.45	95	20.9.45	200.000	
Gruppo 1 Boob. Eng.	ANDREUSI	ODORICO				

" WORK " and " SPECIAL WORK " Section TURIN

CEVA - ORMEA

Line.....

Job No	Location	Summary descrip- tion of damages	Summary descrip- tion of tempora- ry repairs	Agency	Initial date of works
1	Bridge with 8 arches each one of 15 m. ^s Km. 4+466	7 arches fallen in	Removal of debris		
2	Bridge with 5 arches each one of 15 m. ^s on Tanaro river at Km. 6+366	Completely fallen in	id.	DECISI LUIGI and son	
- Responsible Capo Gruppo : Doct. Engr ANDREUSI GIORGIO					

" Section TURINWeekly Report at ³September 17th 1945

	Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
2-5	Removal of debris					600.000	to leasing out in course
an	id.	DECISI LUIGI and son				400.000	Removal of central pieces commended for L.180.000.
Suppl	Doct. Engr	ANDREUSSI	ODORICO				

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" WORK " and " SPECIAL WORK " Section TURIN

SAVONA - CARMAGNOLA

Line.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works	P gr
1	Stone bridge with 5 arches of 30 m. Km. 8+127 Acquabona stream	3 arches and 2 pier's towards St. Giuseppe fallen in	Removal of debris in course	SAVONESE	25.5.45	
2	Stone bridge with 5 arches of 18 m. Km. 9+408 Isola brock	Propping cone and 1st pier towards Savona completely fallen in	"	GAGGERO and FALCO	25.5.45	
3	Stone bridge with 6 arches; lateral ones of 14 m., and inward ones of 18 m. Km. 10+561 Letimbro stream	4 inward arches and 4 piers fallen in Letimbro stream.	"	Eng. B ASTENGO and SAVIO	2.6.45	
4	Irregular viaduct Km. 46+291 between Ceva and Castellino stations	4 arches and 3 piers fallen in	Piers and iron propping pieces construction Pier raised in order to support the tracks	RIZZO PAOLO RACCA COSTANZO	8.8.45 20.9.45	1
NOTICE : The works described with N.1)-2)-3) in order to piers restoration have been allowed by DE MARTINI ALESSIO of MILAN on July 23th 1945. Amount L.28.550.000,00 (+) - The works have been allowed in the last week (according to the order that S. tions has given to our Capo Compartimento) - The new line's restoration work material regained from the dismantling of one track, along the Fossano-Mondovì -Section of Genoa in order to Arquata line restoration. - Responsible Capo Gruppo : Doct. Eng. ANDREUSSI ODORICO .						

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Section TURINWeekly Report September 17 th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Removal of debris in course	SAVONESE	25.5.45	7	(+)	1.200.000	
"	GASCHERO and FALCO	25.5.45	7	(+)	1.500.000	
"	Eng. ^S ASTENGO and SAVIO	2.6.45	7	(+)	8.000.000	
Piers and iron propping pieces construction	RIZZO PAOLO	8.8.45	100	10.9.45	300.000	
Pier raised in order to support the tracks	RACCA COSTANZO	10.9.45	30	20.9.45	200.000	
-3) in order to piers restoration have been allotted to JRDA BUILDING AGENCY July 23 th 1945. Amount L.28.550.000,00						
Last week (according to the order that S.E. the State Secretary of Transportation) - The new line's restoration works have been besides interrupted. The laying of one track, along the Fossano-Mondovì-Deva line, will be sent to the Work- ta line restoration.						
to : Doct. Eng. ^R	ANDREUSSI	ODORICO .				

" WORK " and " SPECIAL WORK " Section TURINLine.....SAVONA - CARMAGNOLA.....

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initiation date of works
5	Stone bridge on Tanaro river; Km. 57+529 between Niella and Bastia stations	Two arches and one pier fallen in	Definitive restoration	Eng. F.	13.8.4
6	Stone bridge with 3 arches each one of 13.40 m. on Poio stream Km. 63+959 between Bastia and Carrù	One arch and one pier fallen in	Definitive restoration	MORESCO and CHIARVA	10.9.4
7	Stone bridge with 4 arches each one of 20 m. Km. 69+795 between Carrù and Farigliano	Frontal walls destroyed and arch damaged	Definitive restoration	RIZZO PAOLO of Niella	22.8.4
8	Bridge with 6 arches of 20 m. each one, on Stura river. Km. 88+901 between Cherasco and Bra	4 th arch fallen in	Definitive restoration	ROSAZZA & LANZA of Turin	9.7.4

Section TURINWeekly Report ⁸¹ at September 17th 1945

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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
one Definitive restoration	Eng. ^r	13.8.45	12	13.11.45	2.500.000	The works are continued even during the night.
Definitive restoration	MORESCO and CHIARVA	10.9.45	-	9.11.45	2.000.000	Materials in course of being provided.
Definitive restoration	RIZZO PAOLO of Niella	22.8.45	20	22.10.45	300.000	
Definitive restoration	ROSAZZA & LANZA of Turin	9.7.45	95	20.9.45	2.200.000	Breast-works nearly accomplished.

" WORK " and " SPECIAL WORK " Section TURIN

Line.....TROFARELLO - CUNEO.....

Job No	Location	Summary descrip- tion of damages	Summary descrip- tion of tempora- ry repairs	Agency	Initia- date o works
1	Stone bridge with 3 arches each one of 10 m. ⁸ Km.34+963 Nel- lea stream between Cavallemaggiore and Savigliano	st arch towards Trofarelle partial- ly fallen in	Temporary restora- tion	MAFFIOTTI FELICE & C.	1.9.45
		Responsible Capo Gruppo : Doct. Eng. ^r		ANDREUSSI	ODORIO

Section TURINWeekly Report ⁰² at September 17th 1945
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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Temporary restoration	MAFFIOTTO FELICE S. C.	2.9.45	1	11.11.45	856.350	Pending provision of materials
Gruppo : Doct. Eng. ^r	ANDREUSSI	ODORICO				

" WORK " and " SPECIAL WORK " Section TURIN

CUNEO GESSO - VENTIMIGLIA

Line.....

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initial date of works
1	Stone bridge with 3 arches each one of 21 m. Km. 12+850 on Gesso stream	3 arches fallen in, piers and shoulder ring pieces damaged	Temporary restoration	MORRISCO and CHIARVA	22.8.45
		- Responsible Capo Gruppo : Doct. Eng. ^r			ANDREUSI ODERICO
	pdz				

" Section TURIN

Weekly Report at September 17th 1945

IGLIA

P- s	Summary descrip tion of tempora ry repairs	Agency	Initial date of works	Pro- gress	Est'date of Comple tion	Amount	Remarks
in, de_ aged	Temporary restora tion	MORESCO and CHIARVA	22.8.45	65	21.10.45	660.000	Cement basements in course of being built in order to sup port the Dif ferdingen beams.
Grappo : Doct. Eng. ^F		ANDREUSSEI	ODORICO .				

" WORK " and " SPECIAL WORK " Section TURIN

TURIN - GENOA

Line.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works	Pr gr
1	Stone bridge with 5 arches of 12 m. Km.37+733 on Stenoveg se stream	3 arches, 1 pier and 1 shouldering piece fallen in	Temporary restoration accomplished with propping wooden piers and Diferdingen beams.	Eng. CASTAUDI and SERRA	20.6.45	
2	Stone bridge with 5 arches (3 ones of 8 m., and others ones of 3 m.) Km.46+150 Traversa stream .	One arch fallen in partially destroyed	"	DE BERNARDI	20.6.45	
3	Aqueduct of 5 m. Km. 23+007	Half arch fallen in and retaining pieces damaged	Temporary restoration performed	"	20.6.45	
- Responsible Capo Gruppo : Doct. Eng. DELTRAMI VINCENZO .						

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Section TURINWeekly Report at September 17th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Temporary restoration accomplished with propping wooden piers and Diferdingen beams.	Eng. CASTAUDI and SERRA	20.6.45	17	31.12.45	11.610.000	Temporary central pier's frames accomplished - Propping wooden frame and iron frame of the shouldering piece towards Turin are in course of being arranged and set up. The shouldering-piece towards Genoa is in course of being restored.
"	DE BERNARDI	20.6.45	50	12.11.45	1.700.000	Propping wall building going on.
Temporary restoration performed	"	20.6.45	50	15.11.45	800.000	Works relating to down-trains track, accomplished. Electrical line in course of being laid over down-trains track, between Pessione stations and the bridge, in order to begin the restoration works relating to the up-trains track.
Supo : Doct. Eng.	PERTRAMI	VINCENZO				

" WORK " and " SPECIAL WORK " Section TURIN

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

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

Section TURIN

Weekly Report at September 17th 1945

-2-

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	10	15.11.45	1.300.000	Wall restoration (towards Turin) going on. Iron beams requested in order to support the new track.
Temporary restoration accomplished	DE BERNARDI FELICE	2.7.45	40	15.11.45	300.000	Central arch restored. Frontal walls and breast-works presently begun.

" WORK " and " SPECIAL WORK " Section TURIN

GENOA - OVADA - ASTI

Line.....

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initial date of works
1	Iron bridge with 3 beams Km. 101+710 m. Tanaro river	One beam damaged; one pier fallen in and relating shoulder pieces damaged	Beams restoration Pier and shoulder ring pieces restoration	ANSALDO (Iron works) TESSITORE Bruno (Stone works)	23.7.45

- Responsible Capo Gruppo : Doct. Ing. BILTRAMI Vincenzo .

Section TURIN

Weekly Report at 6876 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
beam restoration pier and shoulder ing pieces restoration	ANSALDO (Iron works) ROSSITORE TURNO (Stone works)	23.7.45	16	15.12.45	7.000.000	Workshop working has been resumed owing to iron materials arrival. Walling works will be begun as soon as S.A. Ansaldo will raise up the beam presently leaning on fallen pier.

: Doct. Ing. BELTRAMI Vincenzo .

" WORK " and " SPECIAL WORK " Section TURIN

Line..... T U R I N and DEPENDENCES

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

Section TURINWeekly Report at September 17th 1945

DEPENDENCIES

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Definitive restoration	BORDINO GIOVANNI	10.7.45	95	30.9.45	2.280.000	We are waiting for ground glasses, in order to works accomplishment.
"	ODOLI GIOVANNI	2.7.45	90	30.9.45	2.700.000	
"	FARDINI ALBANO	25.6.45	45	15.10.45	1.187.000	
"	BONDINO GIOVANNI	17.8.45	60	16.10.45	1.031.300	
Gruppo : Doct. Eng. ¹	CARRARA	UMBERTO				

MINISTERO DEI TRASPORTI
FERROVIE DELLO STATO
COMPARTIMENTO DI TORINO
SEZIONE LA VOREI

Turin , September 9th 1945
N° 16143/ C.S.

- TO MILITARY RAILWAY SERVICE -/ MILANO /

SUBJECT : Weekly report
on restoration works.

- e p.c.: COMMISSARIO STRAORDINARIO
FERROVIE ITALIA NORD-OCCIDENTALE
MILANO

Encl. 1/16

CAPO COMPARTIMENTO - SEDE

Pending last week have been continued the restoration works according to the facts arising from the alleged prospectus:
In regard to tracks repairing ,

- a)- Have been restored : Down-trains track from Km. 35+000 to Km. 35+400 of Turin-Alessandria line between Villanova and Villafranca d'Asti stations.
- b)- Have been restored: Down-trains track, discontinuously interrupted, between Villastellone and Carmagnola stations, for abt. 800 m² of its length.
- c)- Have been dismantled 880 m² of track between Magliano and Trinità stations.

Such materials have been sent to Altare stations.

In the same week have been regained along the Section lines, and sent to Turin-Dora in order to be stored in Turin-Sm. Warehouse, se, Kg. 460.437 of iron materials.

R. WORKS SECTION MAN.

Plavij

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R. WORKS SECTION MAN.

Clavys

Sig. R. Renzetti.

Check up with our

Plan 2 B

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" WORK " and " SPECIAL WORK " Section TURIN

Line.....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 (19 m. each one) 33+387 Km. Between S. Antonino; and Borgone's stations	Two arches completely fallen in	Traffic going on provisorily on iron beams. Definitive restoration in course	Eng. ^o GUERRINI	16.7.45
2	Bridge under the way of 5,77 m.-82+310 Km. Stone-bridge of 18,21 m. on Bardonecchia stream. Km. 82+328 between Benualard and Bardonecchia stations.	Vault fallen in	Definitive vaults restoration	Broth. ^o GILLIO	10.7.45
3	3 arches bridge on Melezet stream at 83+622 Km. between Benualard and Bardonecchia stations.	Bridge completely fallen in	Definitive restoration in course	ARGIOLINI	10.7.45
4	Frojus artificial tunnel at 85.400 Km.	Completely fallen in for abt 200 m. of its length.	Definitive restoration in course	BRUNETTI	3.7.45
-Responsible Capo Gruppo : Doct. Eng. ^r PIRRO GERANTONI					

Section TURINWeekly Report at September 10th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'd date of Completion	Amount	Remarks
Traffic going on provisionally on iron beams. Definitive restoration in course	Eng. ^S GUERRINI	16.7.45	15	15.11.45	6.000.000	Foundation ditches in order to shouldering piece (=towards Bardonecchia) restoration and centre-scaffolding preparation in course.
Definitive vault restoration	Broth. ^S GILLIO	10.7.45	70	10.10.45	4.000.000	Cement casting for the vault nearly accomplished.
Definitive restoration in course	ANGIOLINI	10.7.45	27			Propping pieces restoration in course.
Definitive restoration in course	BRUNETTI	3.7.45	8	15.3.46	12.000.000	Removal of debris in course. The Allied Command, yet in these days asked for, has not supplied, the wooden materials necessary to temporary frames and to centre scaffolding; therefore the firm cannot carry on his works. Allied Command provides for work execution with German prisoners.
Doct. Eng. ^R PIRRO	BRANTONI					

" 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	Bridge under the wavy with 3 arches of 4,90 m. Km. 61+481 on Ornavasso stream	1 st pier and 2 nd arch towards Domodossola fallen in 2 nd pier and shouldering piece towards Domodossola seriously damaged	Definitive restoration	CRISTINA	2-7-45
2	Iron bridge with 7 arches; lateral ones of 56,25 m. and inward ones of 58 m. Km. 66+217 Tose river	5 th pier and beam between 5 th and 6 th pier fallen in 6 th and 7 th beam fallen in river bed	Definitive restoration of the beam	SAVIGLIANO WORKSHOPS	1.8.45
Responsible Capo Gruppo : Doct. Eng.				PIERRO	GERANTONI .

tion TURIN

Weekly Report at September 10th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Definitive restoration	CRISTINA	2-7-45	25	30-11-45	1.000.000	1 st part completed dependently to L 200.000 of the total amount is accomplished Pending private contracts for leasing in order to the work fulfillment.
Definitive restoration of the beam	SAVICLIANO WORKSHOPS	1.8.45	10			Until the firm will not get the necessary iron materials it is impossible to fix the date of works accomplishment. There are many difficulties for the firm in such iron materials provision.
Appo: Doct. Eng.	PIRRO SERANTONI					

" 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
1	Bridge on Ticino river at Km.124-133	Arches and some piers seriously damaged	Centre-scaffolding of the two damaged arches	IRI UFFERTO of Milan	24.7.45
		Responsible Capo Gruppo : Ect. Eng. ^R PIERO SERATONI			

ion TURIN

Weekly Report ⁶⁸⁷ ~~at~~ September/ 10th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
erecting scaffolding of the two damaged arches	PIRELLA UNIVERSITY of Milan	24.7.45	50	30-9-1945	2,500,000	Centre's setting up accomplished Centre relating to 1 st arch in course of being set up.

Dr. Ing. PIRRO SERAFINI

" WORK " and " SPECIAL WORK " Section TURINLine.....ASTI - CHIVASSO.....

Job No	Location	Summary descrip- tion of damage	Summary descrip- tion of tempora- ry repairs	Agency	Initial date of works
1	11 arches stone-bridge (one arch of 10 m. and 12 ones of 20 m.) Km. 46, 836 River Po	9 th arch fallen in; first one damaged	Vaults definitive restoration in course	PIGLIONE EDUARDO	2-7-45
		Responsible Capo Gruppo - Dist. Eng. P		PIRRO	ANTONIO

ction TURIN

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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Finals definitive restoration in course	PICOLONE BOCARDO	2-7-45	70	30.9.45	2.000.000	Frontal wall of the new arch, as completed - 2 arch demolition is to be accounted to its irreparability.
pe - Dest. Eng. 2	PINRO	SERANTONI				

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

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 10 m. Km. 34+963 Mol. Lea stream between Cavallermaggiore and Savigliano	1 st arch towards Trofarello partially fallen in	Temporary restoration	MAFFIOTTA P.M. ION S. C.	

Responsible Capo Gruppo : Doct. Eng. ^F ARMANDO ONE

" WORK " and " SPECIAL WORK " Section TURIN

Line.....PINEROLO.....TORRE.....FELLICE.....

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initial date of works
1	Promiscuous stone bridge with 3 arches each one of 17 m. ⁵ Km. 2+ 872 Unione stream	3 arches fallen in	Deviation laid aside of the ordinary line.	MUFFIOTTO FELLICE e. c.	13.8.45
- Responsabile Capo Gruppo : Doct. Eng. ^F ANDREUSSI OTORIO					

Section TURIN

Weekly Report at September 10th 1945

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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Deviation laid outside of the ordi nary line.	MAFFIORO P.L.I.C.	23.8.45	15	21.10.45	1.237.750	
by : Doct. Eng. ^r	ANDREUSSI	0208100				

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" WORK " and " SPECIAL WORK " Section TURIN

Line.....AIRASCA - CAVALLERMAGGIORE.....

Job No	Location	Summary description of damage	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+335	5 arches fallen in	Removal of debris	ATSS Turin	27.8.45
		Responsible Capo Gruppo : Doct. Eng. ^F		ANDREUSSI	ODORICO

Section TURIN

Weekly Report of September 10th 1945

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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Removal of debris	ATBS Turin	27.8.45	15	25.10.45	948.000	
ppo : Doct. Eng. ^r	ANDREUSSI	ODORICO				paz

" WORK " and " SPECIAL WORK " Section TURINLine. 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. ³ Km. 6 + 737 Veralta stream between Madonna delle Grazie and Lagnasco	2nd arch towards Saluzzo partially fallen in	Temporary restoration	New building co. city Turin	
		Responsible Capo Gruppo : Mag. ⁵		AMINISUCCI	ODORIO

Section TURIN

Weekly Report ⁶⁰ at September 10th 1945
C.S.S.

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Temporary renter's tion	New building ing co- city Turin				534,000	Works have been allowed on Sep- tember 9 th 1945
Suppo : ang. ²	ADDRESS	ADDRESS				pds

" WORK " and " SPECIAL WORK " Section TURIN

Line.....CUNEO GROSSO - VANTIGLIA.....

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 21 m. Km. 12+850 on Cossu stream	3 arches fallen in, piers and shoulder ring pieces damaged	Temporary restoration	MORISCO and CHIARVA	22.8.45
		Responsible Capo Gruppo : Ecol. Eng.		ANZALUSI	CHURIC

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	Summary description of temporary repairs	Agency	Initial date of works	Progress	Est. date of Completion	Amount	Remarks
2.	Temporary restorations	FORNARO and CHIARVA	22.8.45	25	21.10.45	660,000	Foundation work continued.
Gruppo : Doct. Eng. AMERUSCI GIORGIO							

" WORK " and " SPECIAL WORK " Section TURINLine.....SANTHIA? - AROSA.....

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 19,55 m. and central ones of 25,20 m. Km. 6+124 Alvo stream	1 st arch fallen in (towards Santhia) and 2 nd one cut off.	Definitive restoration	CAVIGLIANO WORKSHOPS	1.8.45
- Responsible Capo Gruppo = Doct. Mag. PIERRO BRANTON					

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Weekly Report at September 10th 1945

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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Definitive restoration	SAVIGNANO WORKSHOPS	1.8.45	70	30.9.45	1.500.000	Iron beams cutting in workshop going on.
Gruppo di Doc. Ing. PIERO GERANTONI						

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" WORK " and " SPECIAL WORK " Section TURIN

Line.....POSSANO - ONVA.....

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works	
1	Viaduct stone bridge with 16 arches each one of 25 m. Km. 15+722 on Ellero stream	6 arches, 6 piers and 1 shouldering piece fallen in.	Removal of debris	RACCA COSTANTINO	20.8.45	
2	Viaduct stone bridge with 2 arches each of 25 m. Km. 17 + 112 on Tanaro river	6 arches, 4 piers and 1 shouldering piece fallen in	"	PELLINO MICHELLE	21.8.45	
- Responsible Capo Gruppo : Sect. Ing. F				ANDREUSSI	EDONICO.	

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" WORK " and " SPECIAL WORK " Section TURINLine..... OMVA - OMORA

Job No	Location	Summary description of damage	Summary description of temporary repairs	Agency	Initial date of works
1	Bridge with 8 arches each one of 15 m. ³ on Tanaro river Km. 4-466	7 arches fallen in	Removal of debris	DEGLI LUIGI & Son	10.3.49
2	Bridge with 5 arches each one of 15 m. ³ on Tanaro river at Km. 6-156	Completely fallen in	id.	id.	id.
Responsible Capo Gruppo : Teet. Ing. ² AMIRISI OMORIS					

Section TURIN

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Summary descrip tion of tempora ry repairs	Agency	Initial date of works	Pro- gress	Est'date of Comple tion	Amount	Remarks
Removal of debris	BRIGI BRIGI & Son	10.3.45	-	31.10.45	200.000	-
id.	id.	id.	-	id.	100.000	-
Work on Post. Eng.	ANDREAS CHORINO					

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" WORK " and " SPECIAL WORK " Section TURIN

Line... SAVONA - CARMAGNOLA

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Indicated work
1	Stone bridge with 5 arches of 30 m. Km. 8+127 Acquabona stream	3 arches and 2 piers towards S. Giuseppe fallen in.	Removal of debris in course	SAVONTESE	25.
2	Stone bridge with 5 arches of 18 m. Km. 9+408 Isola brook	Propping cone and 1 st pier towards Savona completely fallen in.	"	GAGGERO and FALCO	25.
3	Stone bridge with 6 arches; lateral ones of 14 m., and inward ones of 18 18 m.- Km. 10+561 Letimbro stream.	4 inward arches and 4 piers fallen in Letimbro stream.	"	Eng. S. SIENGO and SAVIO	2.6
4	Grain viaduct Km. 46+291 between Ceva and Castelline stations	4 arches and 3 piers fallen in.	Piers and iron propping pieces construction	RIZZO PACLO	8.8.
NOTICE : The works described with M.1)-2)-3) in order to piers restoration DE MARTINI LESSIO of Milan on July 23rd 1945. Amount L. 28. (+)- The works will be allowed in the next week (according to the order that has given to our Capo Compartimento) - The new line's restoration work regained from the dismantling of one track, along the Fossano-Monдови-nova in order to Arquata line restoration. - Responsible Capo Gruppo : Doct. Eng.^r ANDREUSSI ODOR					

Section TURIN

Weekly Report at September 10th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Removal of debris in course	SAVORISE	25.5.45	7	(+)	1.200.000	
"	GAGGERO and FALCO	25.5.45	7	(+)	1.500.000	
"	Eng. ^s ASTENGO and SAVIO	2.6.45	7	(+)	3.000.000	
Piers and iron propping pieces construction	PIZZO PAOLO	8.8.45	85	30.9.45	3000.000	
1)-2)-3) in order to piers restoration have been allotted to JEDA BUILDING AGENCY on July 23rd 1945. Amount L. 28.550.000,00. the next week (according to the order that S.E. the State Secretary of Transportations sent)- The new line's restoration works have been besides interrupted. The materials for the track, along the Bossano-Mondovì-Ceva line, will be sent to the Work-Section of Restoration.						
Gruppo : Doct. Eng. ^r	ANDREUSSI	ODORICO				

" WORK " and " SPECIAL WORK " Section TURIN

Line..... SAVONA - CARMIGNOLA

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initial date of works
5	Stone bridge on Tanaro river; Km. 57+529 between Niella and Bastia stations	Two arches and one pier fallen in	Definitive restoration	Eng. ^r F. MAROLI	13.8.41
6	Stone bridge with 4 arches each one of 20 m. Km. 69+795 between Carrù and Farigliano	Frontal walls destroyed and arch damaged	Definitive restoration	RIZZO PAOLO of Niella	22.8.41
7	Bridge with 6 arches of 20 m. each one, on Stura River - Km. 88+901 between Cherasco and Bra	4 th arch fallen in	Definitive restoration	ROSAZZA & LAZZA of Turin	9.7.41
8	Stone bridge with 3 arches each one of 13,40 m. ⁸ on Po side stream Km. 63+859 between Bastia and Carrù	One arch and one pier fallen in	Definitive restoration	MORESCO and CHIARVA	

Section TURIN

Weekly Report at 1945

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	Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
no	Definitive restoration	Eng. ^r FENAROLI	13.8.45	10	13.11.45	2.500.000	The works are continued even during the night.
	Definitive restoration	RIZZO PAOLO of Biella	22.8.45	15	22.10.45	300.000	
in	Definitive restoration	ROSAZZA & LANZA of Turin	9.7.45	85	2.9.45	2.200.000	The works are continued even during the night.
	Definitive restoration	MORESCO and CHIARVA				2.000.000	Works have been allowed on September 3 rd 1945

" WORK " and " SPECIAL WORK " Section TURINLine.....TURIN.....GENOVA.....

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initial date of works
1	Stone bridge with 3 arches of 12 m. Km. 37+733 on Stenavasso stream	3 arches, 1 pier and 1 abutment piece fallen in stream	Temporary restoration accomplished with propping wooden piers and Delfordingen beams.	Ing. ⁸ CAZZAUDI and SERRA	20.6.4
2	Stone bridge with 5 arches (3 ones of 8 m., and 2 ones of 3 m.) Km. 46+150 Traverza stream.	One arch fallen in and others ones partially destroyed	"	DE BERNARDI FELICE	20.6.4
3	Aqueduct of 5 m. Km. 23+007	Half arch fallen in and retaining piece damaged	Temporary restoration performed	"	20.6.4
4	Stone bridge with 5 arches of 2 m. Km. 54+737 Borbone river	Vault and retaining lateral piers damaged	Temporary restoration accomplished	DE BERNARDI FELICE	2.7.4
Responsible Capo Gruppo : Doct. Ing. ⁸				BELTRAMI	VINC

Section TURINWeekly Report at September 10th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'd date of Completion	Amount	Remarks
Temporary restoration accomplished with propping wooden piers and Stiffening beams.	Eng. ^o GASPAUDI and BENNETT	20.6.45	26	11.12.45	11,610,000	Bundle tracks provision and setting up has been accomplished in order to support the new track on the I-girders.
"	DR BERNARD FELICE	20.6.45	32	12.11.45	1,720,000	Propping walls building going on.
Temporary restoration performed	"	20.6.45	38	15.11.45	800,000	Wall building work towards Turin was continued
Temporary restoration accomplished	DR BERNARD FELICE	2.7.45	8	15.11.45	1,300,000	Wall restoration (towards Turin) going on. Iron beams requested in order to support the new track.
Appo : Doct. Eng. ^r	BELTRAMI	VINCENZO .				

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

Job No	Location	Summary descrip- tion of damages	Summary descrip- tion of tempora- ry repairs	Agency	Initial date of works
3	Bridge over the road Km. 21.636	Arch partially de- stroyed	Temporary restora- tion accomplished	DR BERNARDE FELICIA	2.7.45

Section TURIN

Weekly Report at September 10th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'd date of Completion	Amount	Remarks
Temporary restoration accomplished	DE BUREAU POLICE	2.7.45	14	15.11.45	500.000	Centre-entrance being ^{being} in course, in order to enable restoration.

" WORK " and " SPECIAL WORK " Section TURIN

Line.....GEROA - OVADA - ASTI.....

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initial date of works	
1	Iron bridge with 3 beams km. 101.710 n. Tanaro river	One beam damaged; one pier fallen in and relating shoring pieces resting pieces damaged	Beam restoration pier and shoring pieces restoration	ANONIMO (Iron work) TRONTORE Bruno (stone works)	23.7.45	
Responsible Capo Gruppo : Dot. Ing.				BELTRAMI	Vincenzo	

Section TURINWeekly Report at September 10th 1945

Summary description of temporary repairs	Agency	Initial date of works	Progress	Est. date of Completion	Amount	Remarks
Beams restoration floor and shoulder repairing pieces restoration	ASMA-DC (Iron works) BRUNO (Stone works)	21.7.45	15	19.12.45	7,000,000	Workshop working has been interrupted owing to iron materials want. Walls restoration works have been allowed to facilitate Bruno concern about on August 21 st 1945.
Supp: Doct. Ing.	BSLTHBBI	Vincenzo				pda

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" WORK " and " SPECIAL WORK " Section TURINTURIN and DEPENDENCIES
Line.....

Job No	Location	Summary description of damages	Summary description of temporary repairs	Agency	Initial date of works
1	Partial restoration of Turin-Suistamento Depositions workshop	Cement frames seriously damaged	Definitive restoration	BORDINO GIOVANNI	10.7.45
2	Roof restoration of the Turin-Suistamento T.H. 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	"	BORDINO GIOVANNI	17.8.45
		-	Responsible Capo Gruppo : Doct. Eng.	CARRARA	UMBRO

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Section TURIN

Weekly Report at September 10th 1945

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Summary description of temporary repairs	Agency	Initial date of works	Progress	Est'date of Completion	Amount	Remarks
Definitive restoration	BONDIRO GIOVANNI	20.7.45	90	30.9.45	3.280.000	
"	OGGI GIOVANNI	2.7.45	80	30.9.45	2.700.000	
"	PARDINI ALBANO	25.6.45	35	25.10.45	1.287.000	
"	BONDIRO GIOVANNI	17.8.45	50	16.10.45	1.031.300	
Gruppo: Doct. Ing. GARRAR. UMBERTO						

SPB/em

M E M O R A N D U M

TO : Lt. Col. STREET.

Alba bridge over river Tanaro, Line 118. carries Highway & Railway, copy of a letter which is self explanatory attached. I.S.R. & State Railway designed this. Project all ready for and awaiting financial approval as soon as I.S.R. agrees

Copy to : AC/EN/ rails - Genova
Eng; Lo Cigno
Eng. Bianchi.

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