

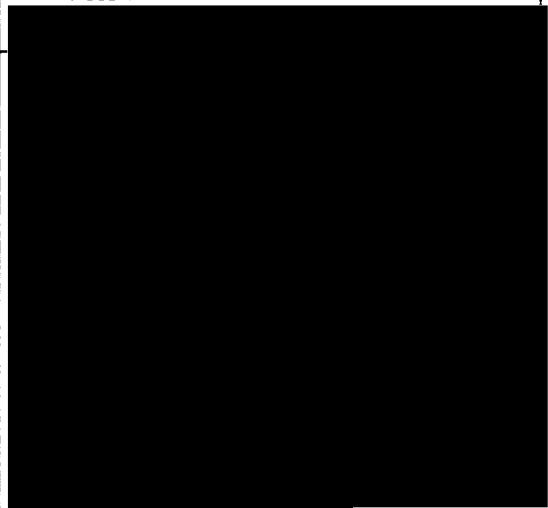
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FROM: DCI Interagency Balkan Task Force, [Redacted]

SUBJECT: Possible Railway Routes for Delivery of Relief Supplies to Sarajevo

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PAGES 3

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DCI Interagency Balkan Task Force

**Possible Railway Routes for Delivery of
Relief Supplies to Sarajevo**

Rail routes to refugee centers in northern Bosnia-Herzegovina and southern Croatia are probably intact and could probably be used. Many of the rail routes into central and eastern Bosnia-Herzegovina are not usable because many of the bridges across the Sava River at **Bosanski Samac** and **Brcko**, as well as bridges across the **Neretva River near Mostar** have been destroyed [REDACTED]

Additionally, many of the rail routes into central and eastern Bosnia-Herzegovina travel through numerous hills and cross several waterways which would provide opportunities for interdiction or harassment of trains carrying relief supplies. Although many portions of Yugoslavia's railroads are electrified, details concerning the power sources of these lines and their current conditions are unknown. If the power sources are not operational, then relief supply trains would have to be powered by diesel locomotives rather than electric locomotives. We do not have complete information concerning the availability of locomotives and rolling stock. [REDACTED]

Northern Bosnia and Southern Croatia

The cities of **Bihac**, **Banja Luka**, and **Slavonski Brod** are all located along major railways. **Bihac** is located astride a rail line between **Split** and **Zagreb**. **Banja Luka** can be reached by rail from **Zagreb** and **Split**, with both lines connecting at **Bosanski Novi**. **Slavonski Brod** sits astride of a major rail line between **Zagreb** and **Belgrade**. [REDACTED]

Zagreb--Bihac (Z1)

This route is a single track, standard gauge line, and is electrified between Zagreb and Sunja. The route crosses the Kupa River at Sisac, the Una River between Kostanjica and Dobrljin, at Bosanski Novi, at Bosanski Krupa, and twice between Bosanski Krupa and Ostozac.

[REDACTED]

Split--Bihac (S1)

This route is a single track, standard gauge route, and is electrified throughout. The route crosses the Cikola River at Drnis, Krka River twice between Strmica and Martin Brod, Una River between Martin Brod and Bihac. The conditions of the rail lines and other river crossing points are unknown.

[REDACTED]

Zagreb--Banja Luka (Z2)

This route is a single track, standard gauge line, and is electrified throughout the entire route. The route crosses the Kupa River at Sisak, the Una River between Kostanjica and Dobrljin, and again at Bosanski Novi.

[REDACTED]

Split--Banja Luka (S2)

This route is a single track, standard gauge line with no electrification. The route crosses the Cikola River at Drnis, the Krka River twice between Strmica and Martin Brod, and the Una River several times between Martin Brod and Bosanski Novi, and again at Bosanski Novi. The condition of the rail lines and other river crossing points are unknown.

[REDACTED]

Zagreb--Slavonski Brod (Z3)

This route is mostly a single track, standard gauge line, and is electrified through the entire route from Zagreb to Sarajevo. Double track exists between Novska and Bosanski Brod. The route crosses the Kupa River at Sisac. The condition of the rail lines and the river crossing point at Sisac are unknown.

[REDACTED]

Belgrade--Slavonski Brod (B1)

This route is a double track, standard gauge line, and is electrified through the entire route from Belgrade to Slavonski Brod. The route crosses the Bosut River between Stari Mikanovci and Strizivojna. The condition of the rail lines and other river crossing points at Stari Mikanovci and Strizivojna are unknown.

[REDACTED]

Eastern Bosnia

The cities of Tuzla and Goradze are not located directly on any rail lines. Although Tuzla is not situated directly on a rail line, it is only 8 kilometers away from Bukinje which is located on a major rail line between Brcko and Sarajevo. Supplies would have to be transported by truck about 8 kilometers between Bukinje and Tuzla. The road between Bukinje and Tuzla is surfaced. Goradze is not situated directly along any rail line, but is approximately 115 kilometers from a major rail line at Titovo Uzice. Supplies would have to be transshipped by truck from this point. The road between Titovo Uzice and Goradze is hard surfaced and two-lanes, supplies would probably have to be transported by truck 115 kilometers from Titovo Uzice.

[REDACTED]

Zagreb--Brcko--Bukinje (Z4)

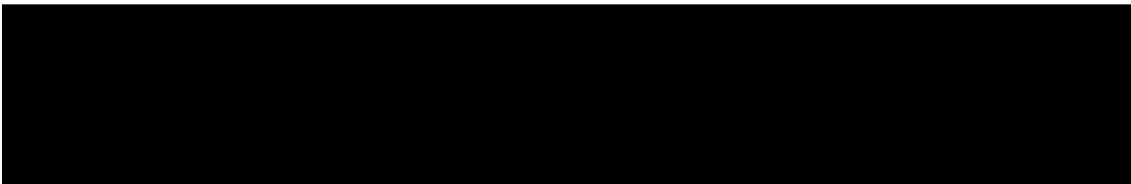
This route is mostly a single track, standard gauge line, and is probably electrified between through the entire route. Double track exists between Novska and Vinkovci. The route crosses the Kupa River at Sisak, the Bosut River twice between Vinkovci and Brcko, the Sava River at Brcko, the Tinja River several times between Dubrave and Bukinje. This route is not usable.

[REDACTED]

Zagreb--Bosanski Novi--Bukinje (Z5)

This route is a single track, standard gauge line, and is electrified between Zagreb and Sunja. The route crosses the Kupa River at Sisak, the Una River between Kostajnica and Dobrljin, and again at Bosanski Novi; the Vrbas River between Banja Luka and Josavka, the Ukrina River several times between Celinac Don and Dragalovci, the Bosna River at Doboje, and the Spreca River between Bosansko Petrovo Selo and Dobosnic, and near Kiseljak.

[REDACTED]



Belgrade--Brcko--Bukinje (B2)

This route is standard gauge line which has double track between Belgrade and Vinkovci, and single track between Vinkovci and Bukinje. The route crosses the Bosut River between Stari Mikanovci and Strizivojna, and between Vinkovci and Brcko, the Sava River at Brcko, the Tinja River several times between Dubrave and Bukinje. This route is not usable. [REDACTED]



Belgrade--Titovo Uzice (B3)

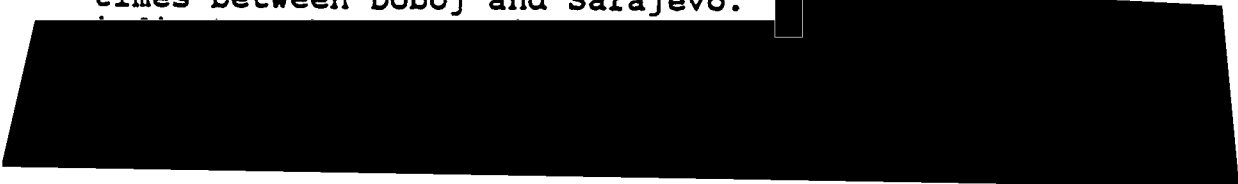
This route is a standard gauge, single track line between Belgrade and Titovo Uzice. An electrified double track exists between Belgrade and Ripanj. Supplies would have to be unloaded at Titovo Uzice and transported 115 kilometers by truck to Goradze. This road is hard surfaced and has two lanes through the entire route. [REDACTED]

Central Bosnia

Zenica is located astride a major rail line from Doboje to Sarajevo. Sarajevo is located astride a major rail line between Ploce and Doboje. The rail line from Doboje into Zenica and Sarajevo winds through the Bosna River valley, and the numerous hills and water crossings provide opportunities for interdiction and harassment of trains carrying relief supplies. The rail line from Ploce to Sarajevo is not usable [REDACTED]


Zagreb--Bosanski Novi--Zenica--Sarajevo (Z6)

This route is a single track, standard gauge line, but is only electrified between Zagreb and Sunja, and between Doboje and Sarajevo. The route crosses the Kupa River at Sisak, the Una River between Kostajnica and Dobrljin, and again at Bosanski Novi; the Vrbas River between Banja Luka and Josavka; the Bosna River several times between Doboje and Sarajevo. [REDACTED]



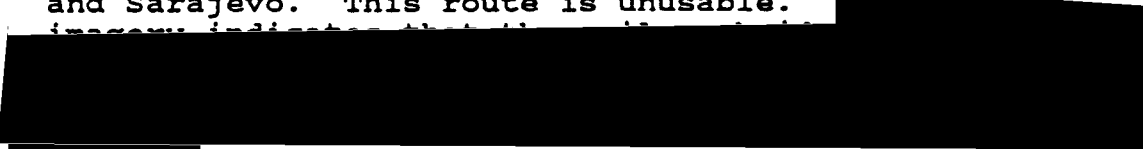
Zagreb--Bosanski Samac--Zenica--Sarajevo (Z7)

This route is mostly a single track, standard gauge line, and is electrified through the entire route from Zagreb to Sarajevo. Double track exists between Novska and Vrpolje. The route crosses the Kupa River at Sisak, the Sava River at Bosanski Samac, the Bosna River several times between Doboj and Sarajevo. This



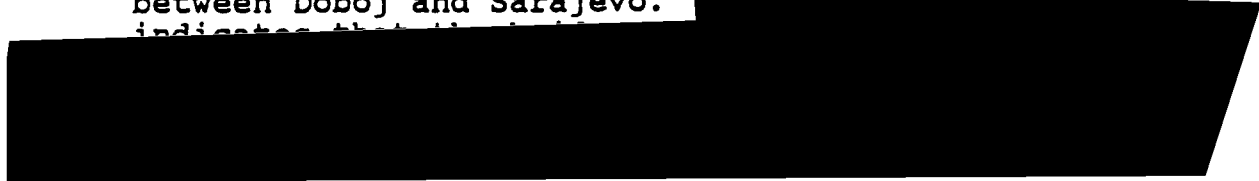
Zagreb--Brcko--Zenica--Sarajevo (Z8)

This route is mostly a single track, standard gauge line, probably electrified through the entire route from Zagreb to Sarajevo. Double track exists between Novska and Vrpolje. The route crosses the Kupa River at Sisak, the Bosut River twice between Vinkovci and Brcko, the Sava River at Brcko, the Tinja River several times between Dubrave and Bukinje, the Spreca River several times between Bukinje and Bosansko Petrovo Selo, and the Bosna River several times between Doboj and Sarajevo. This route is unusable.



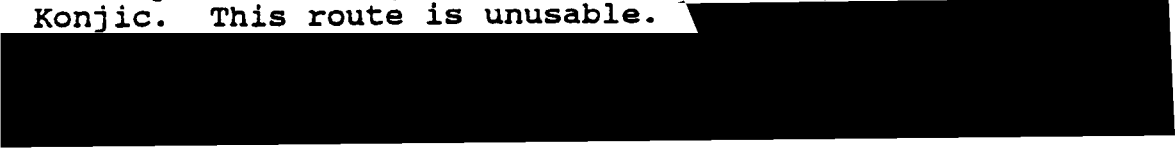
Split--Bosanski Novi--Zenica--Sarajevo (S3)

This route is a single track, standard gauge line that is electrified throughout the entire route. The route crosses the Cikola River at Drnis, the Krka River twice between Strmica and Martin Brod, the Una River several times between Martin Brod and Bosanski Novi and again at Bosanski Novi, the Vrbas River twice around Banja Luka, the Ukrina River several times between Celinac Don and Dragalovci, and the Bosna River several times between Doboj and Sarajevo.



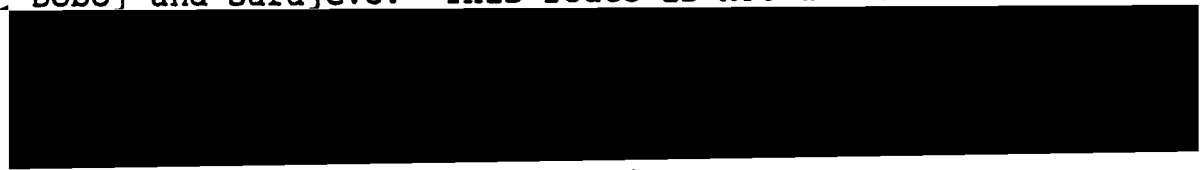
Ploce--Mostar--Sarajevo (P1)

This route is a single track, standard gauge line, that is electrified through the entire route. The route crosses several small streams along the Neretva River between Ploce and Capljina, Neretva River twice at Mostar, an unidentified small stream along the Neretva River between Mostar and Gornja Grabovica, and Lake Jablonicko between Ostrozac and Konjic. The line travels along the Neretva River Valley--ascending and descending through a series of hills. Much of this route passes through tunnels between Jablanica and Konjic. This route is unusable.



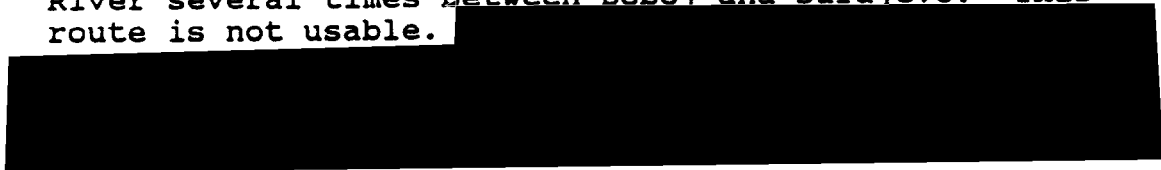
Belgrade--Brcko--Sarajevo (B4)

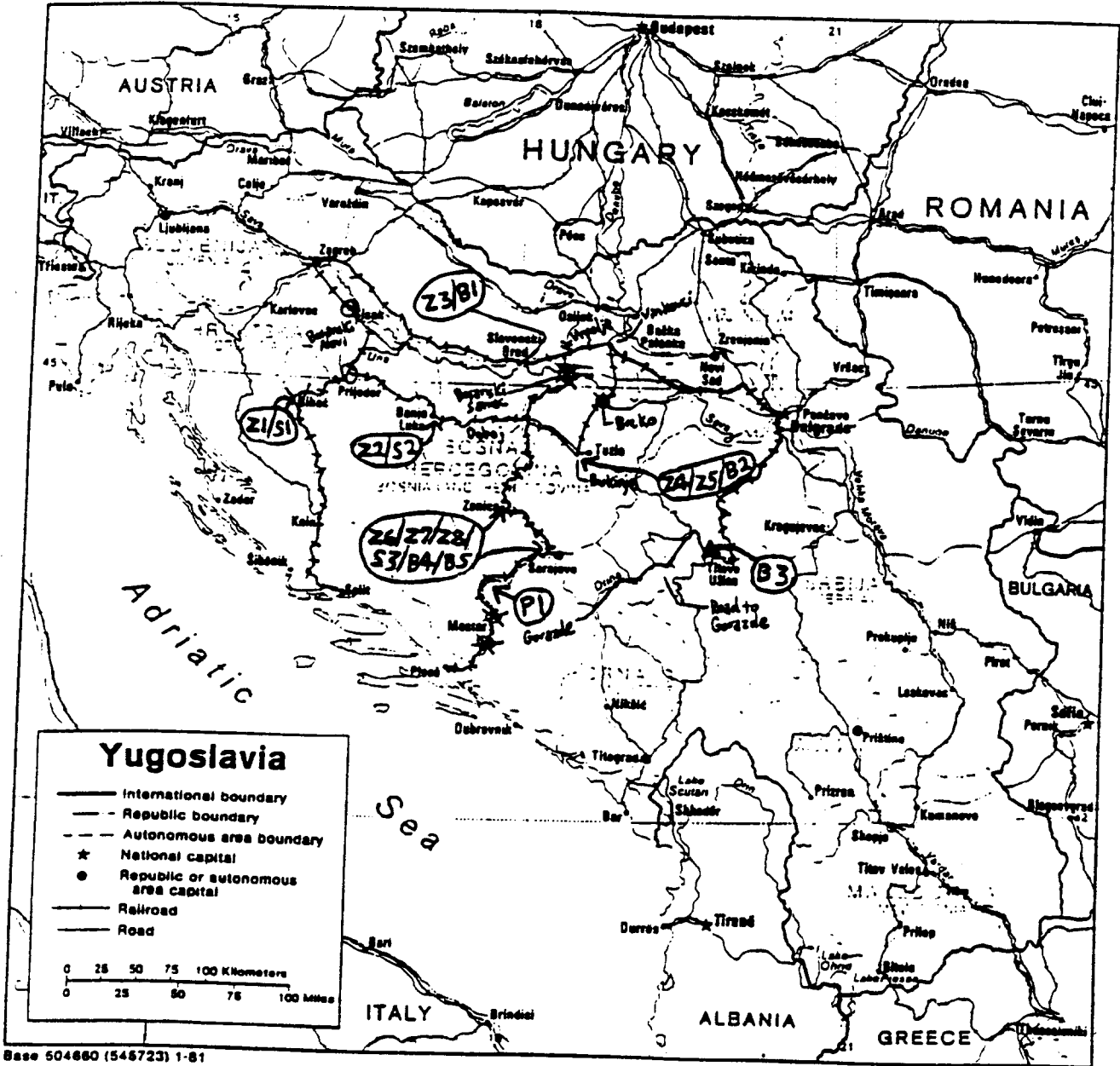
This route is a single track, standard gauge line that is probably electrified through the entire route. The route crosses the Bosut River twice between Vinkovci and Brcko, the Sava River at Brcko, the Tinja River several times between Dubrave and Bukinje, the Spreca River several times between Bukinje and Bosansko Petrovo Selo, and the Bosna River several times between Doboï and Sarajevo. This route is not usable.



Belgrade--Bosanski Samac--Sarajevo (B5)

This route is a single track, standard gauge line, that is electrified through the entire route. The route crosses the Sava River at Bosanski Samac, and the Bosna River several times between Doboï and Sarajevo. This route is not usable.





Zagreb Base 504660 (546723) 1-81

- Z1-Zagreb--Bihac
- Z2-Zagreb--Banja Luka
- Z3-Zagreb--Slavonski Brod
- Z4-Zagreb--Brcko--Bukinje

- Split
- S1-Split--Bihac
- S2-Split--Banja Luka
- S3-Split--Bosanski Novi--Zenica--Sarajevo

- Belgrade
- B1-Belgrade--Slavonski Brod
- B2-Belgrade--Brcko--Bukinje
- B3-Belgrade--Titovo Uzice

- Z5-Zagreb--Bosanski Novi--Bukinje
- Z6-Zagreb--Bosanski Novi--Zenica--Sarajevo
- Z7-Zagreb--Bosanski Samac--Zenica--Sarajevo
- Z8-Zagreb--Brcko--Zenica--Sarajevo

- Ploce
- P1-Ploce--Mostar--Saraj

Destroyed Bridge

Other Major River Crossing