

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME Hoan Lao Hwy. Bridge W on stream <input type="text"/> Bridge No. 25 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 35N - 106 31E XE 615455	25X1
MAP AMS L509 NE 48-12	BRIEF NO: PIB 65401 April 1966		25X1

LOCATION: 0.5 nm SW of Xom Chua on Route 107.

DESCRIPTION:

LENGTH	<input type="text"/>	MATERIAL Wood and concrete	25X1
WIDTH		NO. OF SPANS 6	
TYPE		LENGTH OF EACH SPAN	<input type="text"/>

Deck

STATUS:

3 spans and 1 abutment destroyed; no damage to piers.

COMPENSATIVE ACTION:

Ford

25X1



**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Kinh Thuong Hwy. Bridge over Song Nai [redacted] Bridge No. 24 on NE 48-7	COUNTRY	North Vietnam	COORDINATES	18 20N - 105 55E WF 976283
	MAP	AMS L509 NE 48-7			BRIEF NO:	PIB 65402 May 1966

LOCATION: 0.2 nm S of Kinh Thuong on an unnumbered route.

DESCRIPTION:

25X1	LENGTH	[redacted]	MATERIAL	Wood	25X1
	WIDTH	[redacted]	NO. OF SPANS	20	
	TYPE	Deck	LENGTH OF EACH SPAN	[redacted]	

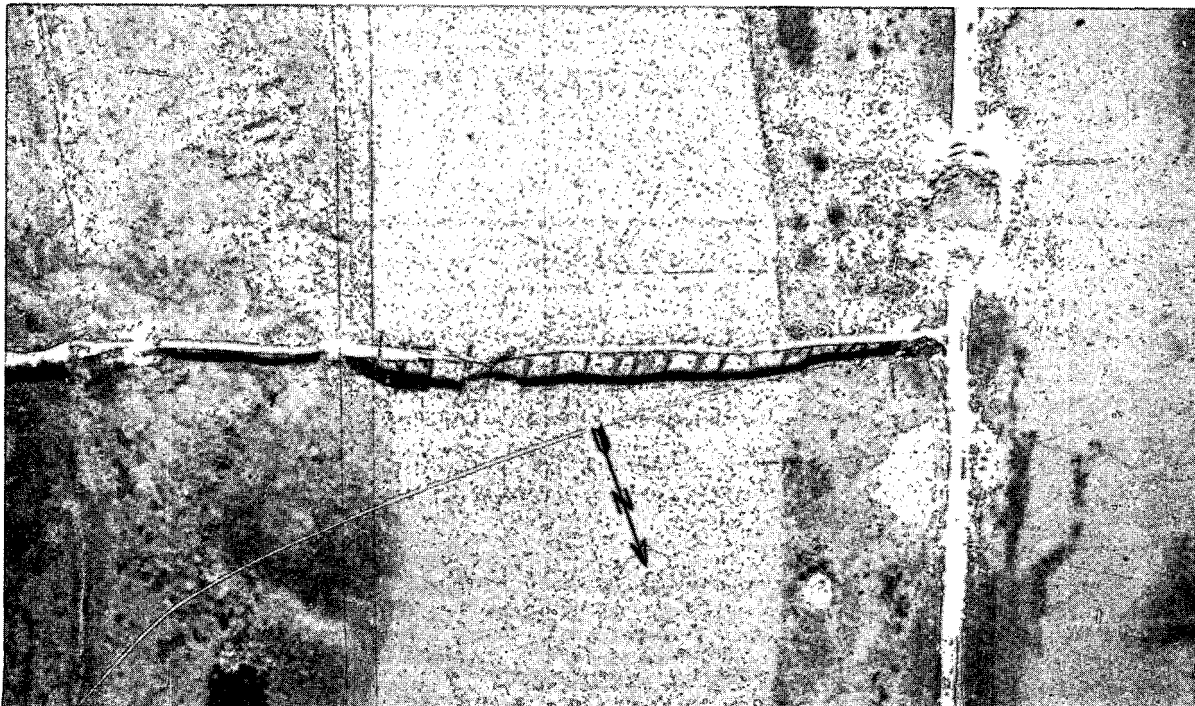
STATUS:

2 spans heavily damaged; 1 span moderately damaged; 1 approach is interdicted in 2 places.

COMPENSATIVE ACTION:

None - Bridge was repaired and bombed again subsequent [redacted] 25X1

25X1 [redacted]



**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	My Hoa Hwy. Bridge W over stream [redacted] Bridge No. 6 on NE 48-12	COUNTRY	North Vietnam	COORDINATES	17 12N - 106 49E XE 942020
	25X1	[redacted]			BRIEF NO:	PIB 65403 May 1966
MAP		AMS L509 NE 48-12				

LOCATION: 0.4 nm NW of My Hoa on Route 103.

DESCRIPTION:

25X1	LENGTH	[redacted]	MATERIAL	Timber	25X1
	WIDTH	[redacted]	NO. OF SPANS	6	
	TYPE	Deck	LENGTH OF EACH SPAN	[redacted]	

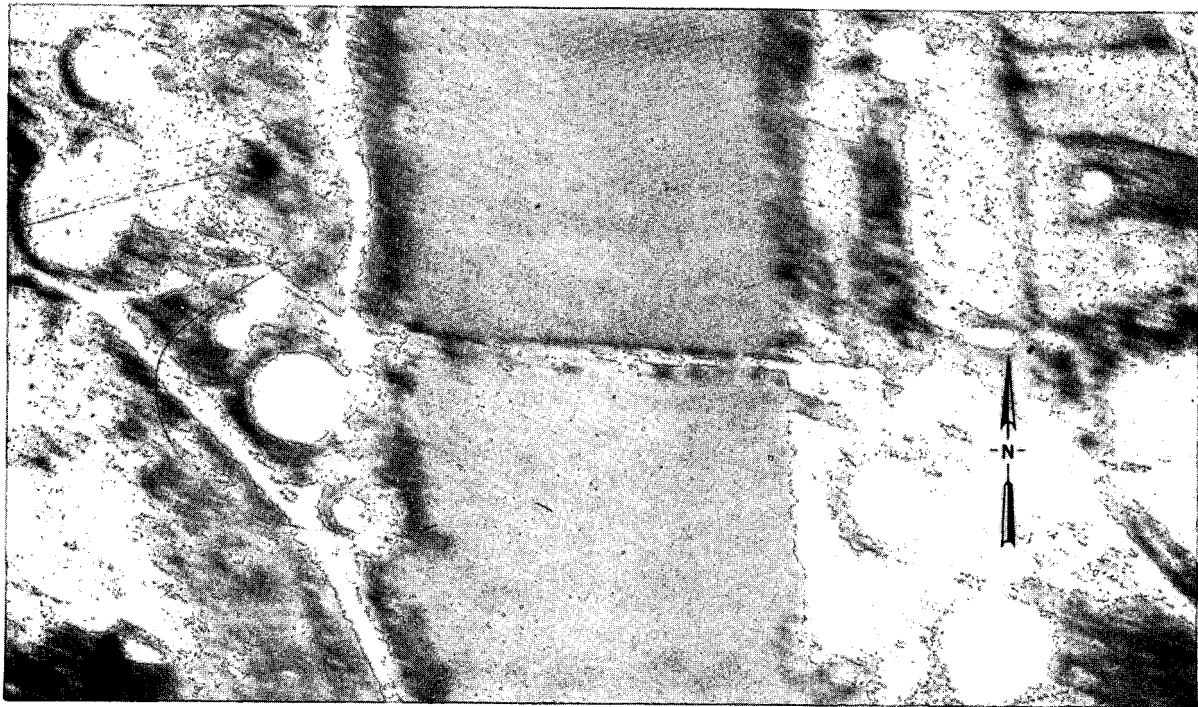
STATUS:

2 spans destroyed; 4 spans damaged; 1 approach heavily interdicted.

COMPENSATIVE ACTION:

Foot bridge planking has been laid across space originally occupied by destroyed spans.

25X1 [redacted]



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

**NAME** Dao Nguyen Hwy. Bridge over  
Dai Giang   
Bridge No. 46 on NE 48-7

**COUNTRY**  
North Vietnam

**COORDINATES**  
18 02N - 106 24E  
XE 489940

25X1

**BRIEF NO:**  
PIB 65404  
April 1966

**MAP** AMS L509 NE 48-7

**LOCATION:** 0.8 nm SW of Dao Nguyen on Route 1A.

**DESCRIPTION:**

**LENGTH** 60' approx.  
**WIDTH** 10' approx.  
**TYPE** Deck

**MATERIAL** Timber  
**NO. OF SPANS** 3  
**LENGTH OF EACH SPAN** 20' approx.

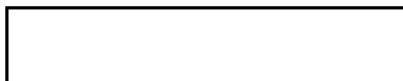
**STATUS:**

Decking and 1 abutment destroyed.

**COMPENSATIVE ACTION:**

Probable bridge reconstruction with the addition of a new pier to produce a 4-span bridge. Existing ford.

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

<b>NAME</b> Yen Hung Hwy. Bridge #3 Bridge No. 36 on NE 48-7	<b>COUNTRY</b> North Vietnam	<b>COORDINATES</b> 18 03N - 106 20E XE 413961
<b>MAP</b> AMS L509 NE 48-7		<b>BRIEF NO:</b> PIB 65405 April 1966

25X1

LOCATION: 1.1 nm SW of Yen Hung on Route 1A.

**DESCRIPTION:**

25X1

LENGTH  
WIDTH  
TYPE

Deck

**MATERIAL** Wood and concrete

**NO. OF SPANS** 4

**LENGTH OF EACH SPAN**

--

25X1

**STATUS:**

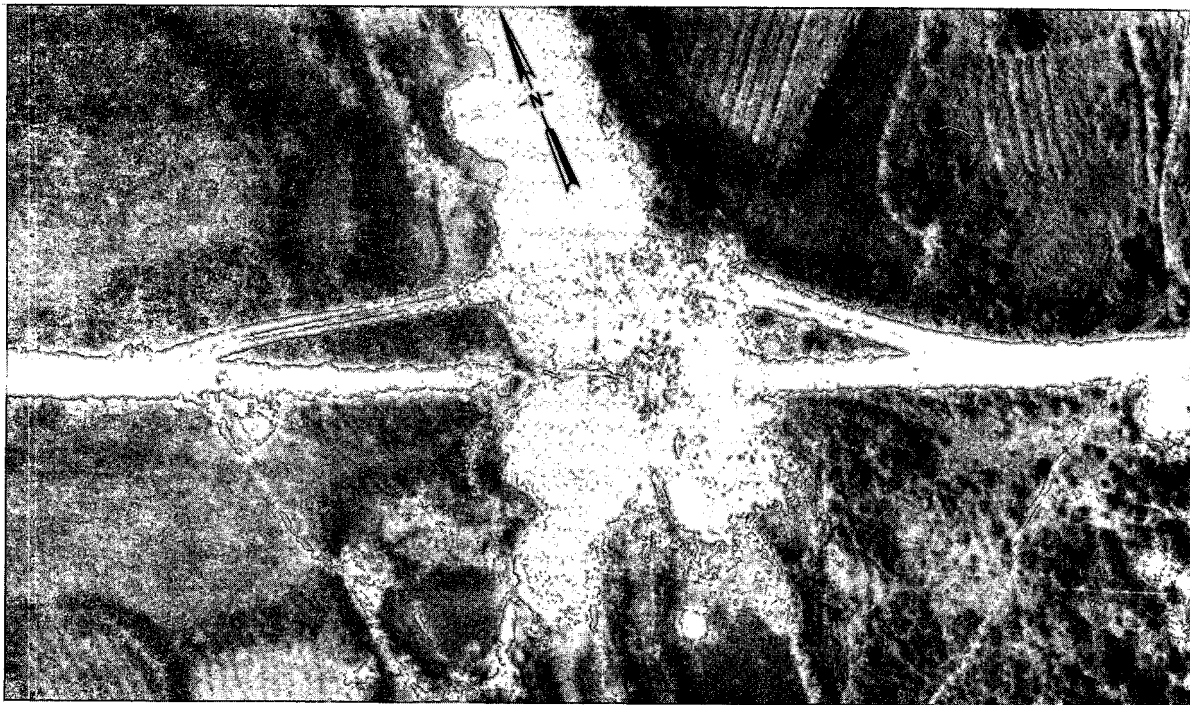
Bridge destroyed; 1 abutment destroyed.

**COMPENSATIVE ACTION:**

Existing rockfill ford adjacent to bridge.

25X1

--



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Hung Nhan Hwy. Bridge Bridge No. 34 on NE 48-7	North Vietnam	18 04N - 106 18E XE 371981
25X1 <input type="text"/> MAP AMS L509 NE 48-7		BRIEF NO: PIB 65406 April 1966

LOCATION: 0.4 nm NW of Hung Nhan on Route 1A.

DESCRIPTION:

25X1

LENGTH   
 WIDTH   
 TYPE Deck

MATERIAL Timber with concrete abutments  
 NO. OF SPANS 10' approx.  
 LENGTH OF EACH SPAN

25X1

STATUS:

Destroyed; abutments appear intact.

COMPENSATIVE ACTION:

Bridge appears under construction with new timber throughout. Combination causeway/single-span, timber-deck bridge has been constructed adjacent to the original bridge.

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Son Trieu Hwy. Bridge over stream [redacted] Bridge No. 33 on NE 48-7	COUNTRY	North Vietnam	COORDINATES	18 06N - 106 16E XE 349028
	25X1	[redacted]			BRIEF NO:	PIB 65407 April 1966
MAP AMS I509 NE 48-7						

LOCATION: 0.3 nm E of Dia Dong on Route 1A.

DESCRIPTION:

25X1	LENGTH	[redacted]	MATERIAL	Concrete	[redacted]	25X1
	WIDTH	10' approx.	NO. OF SPANS	2		
	TYPE	Deck	LENGTH OF EACH SPAN	[redacted]		

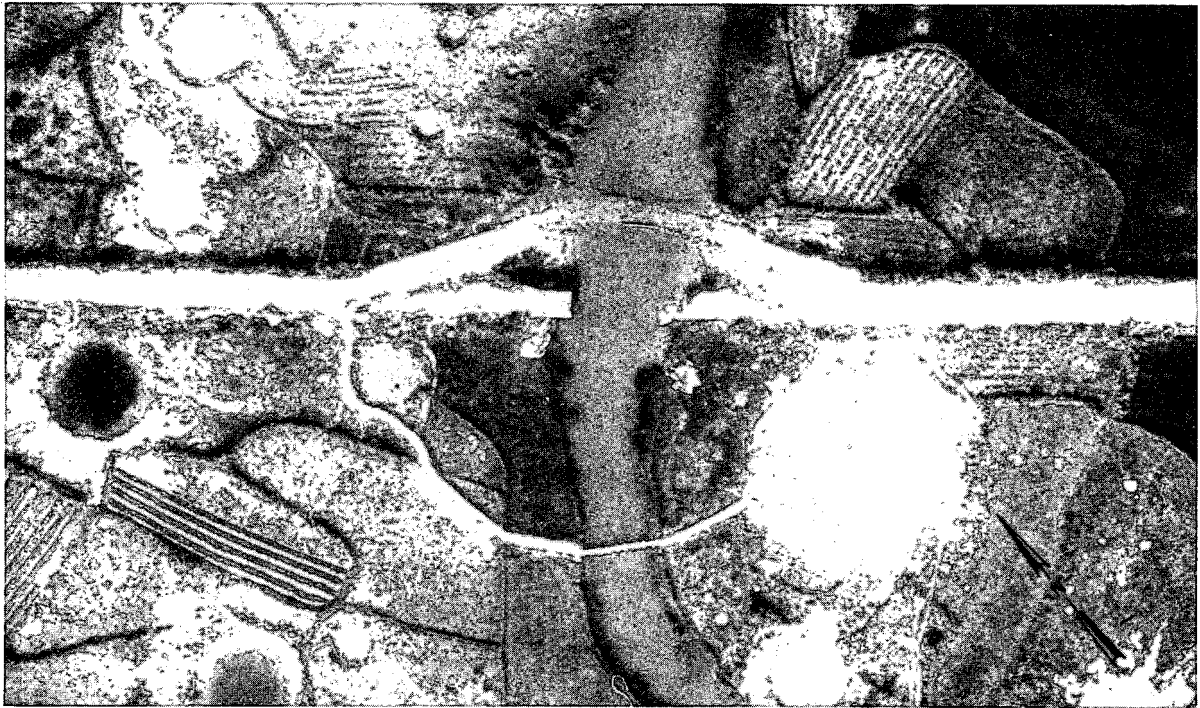
STATUS:

Bridge destroyed; abutments appear intact.

COMPENSATIVE ACTION:

A combination ford and single span submerged bridge is adjacent to destroyed bridge. A timber footbridge is also present.

25X1 [redacted]



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

<b>NAME</b> Son Kinh Hwy. Bridge I Bridge No. 64 on NE 48-7	<b>COUNTRY</b> North Vietnam	<b>COORDINATES</b> 18 11N - 106 11E XF 254116
<b>MAP</b> AMS L509 NE 48-7		<b>BRIEF NO:</b> PIB 65408 April 1966

25X1

**LOCATION:** 0.1 nm E of Son Kinh on Route 1A.

**DESCRIPTION:**

**LENGTH** 60' approx.  
**WIDTH**   
**TYPE** Deck

**MATERIAL** Timber  
**NO. OF SPANS** 3  
**LENGTH OF EACH SPAN** 20' approx.

25X1

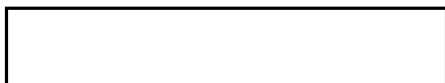
**STATUS:**

Center moderately damaged; one abutment heavily damaged.

**COMPENSATIVE ACTION:**

2 by-pass bridges; one bridge is immediately next to the damaged bridge. The other by-pass bridge is approximately 100' away and is a combination causeway/single span timber deck bridge.

25X1



**CONFIDENTIAL**



~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	La Khe Thon RR. Bridge over Ngan Sau [redacted] Bridge No. 13 on NE 48-7	COUNTRY	North Vietnam	COORDINATES	18 03N - 105 49E WE 876975
	25X1	[redacted]			BRIEF NO:	PIB 65409 April 1966
	MAP	AMS L509 NE 48-7				

LOCATION: 0.8 nm SE of La Khe Thon on the Vinh-Dong Hoi RR.

DESCRIPTION:

25X1	LENGTH	[redacted]	MATERIAL	Steel, wood and concrete
	WIDTH	Single track	NO. OF SPANS	8
	TYPE	Combination deck/ Half-through truss	LENGTH OF EACH SPAN	[redacted]

25X1

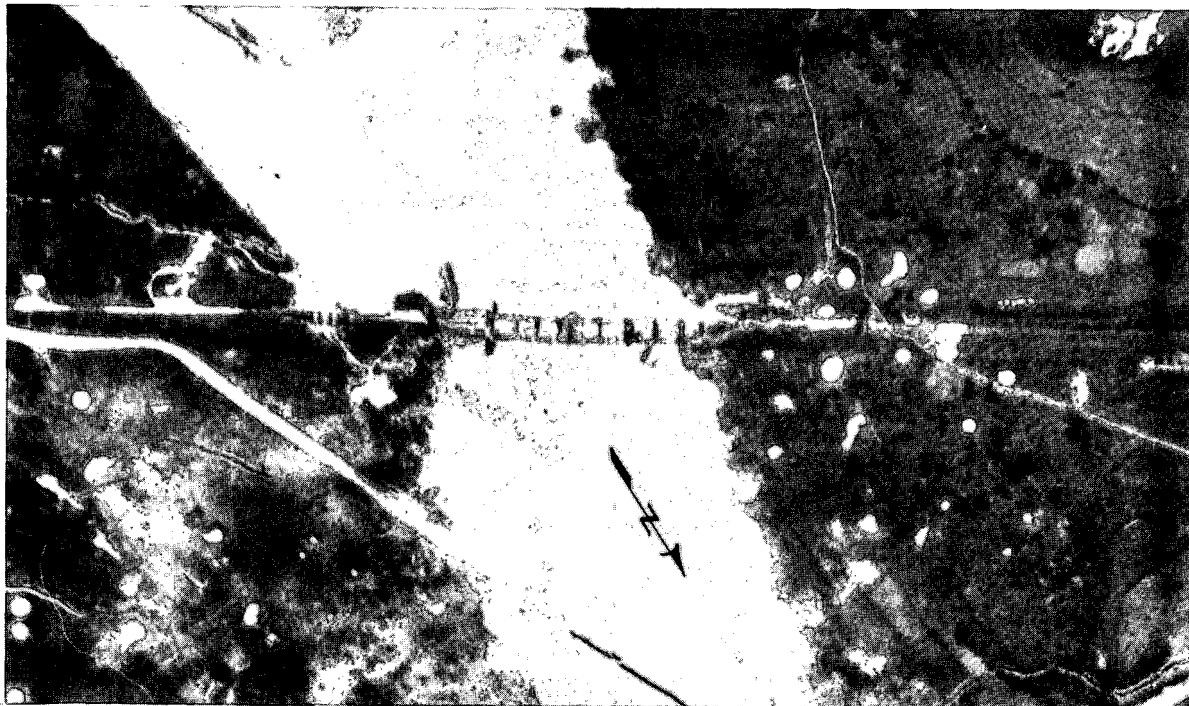
STATUS:

Bridge has been repaired and is now serviceable.

COMPENSATIVE ACTION:

None

25X1 [redacted]



~~CONFIDENTIAL~~

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

25X1

<b>NAME</b> Xom Ca Dinh Hwy. Bridge over stream Bridge No. 6 on NE 48-11	<b>COUNTRY</b> North Vietnam	<b>COORDINATES</b> 17 48N - 105 47E WE 828696
<b>MAP</b> AMS 1509 NE 48-11		<b>BRIEF NO:</b> PIB 65410 April 1966

**LOCATION:** At Xom Mon on Route 15.

**DESCRIPTION:**

**LENGTH** 25' approx.  
**WIDTH** 15' approx.  
**TYPE** Deck

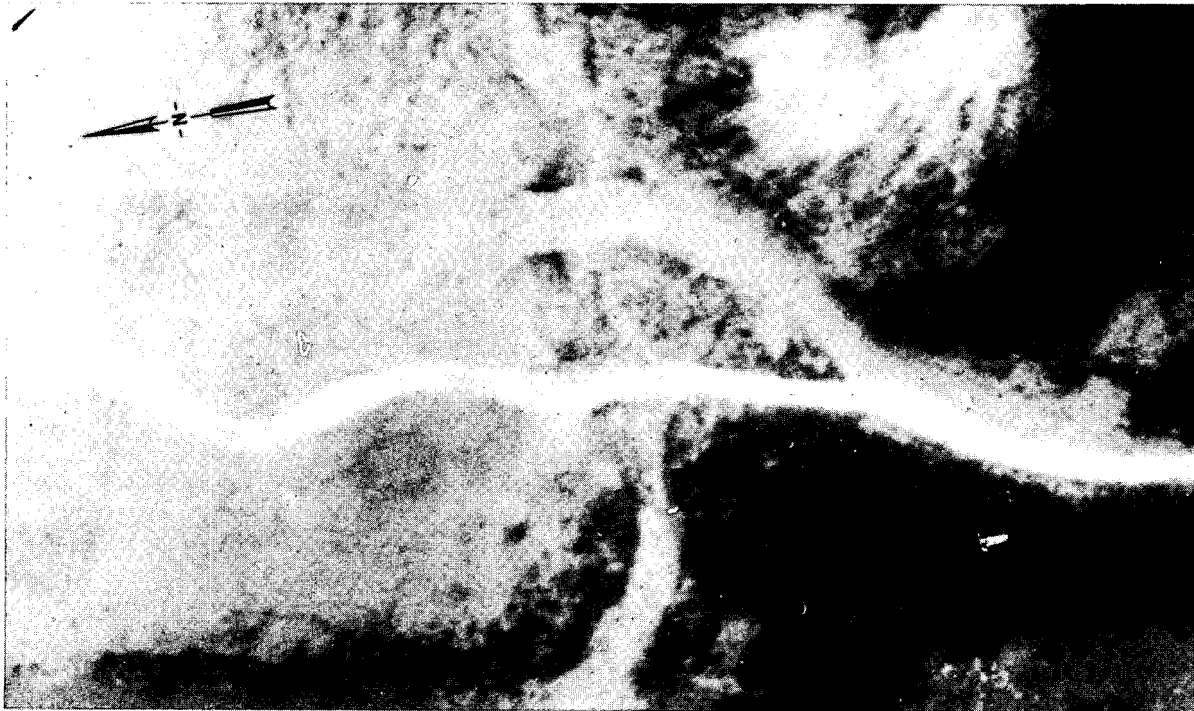
**MATERIAL** Probable concrete and timber  
**NO. OF SPANS** 1  
**LENGTH OF EACH SPAN** 25' approx.

**STATUS:**

Moderate damage to decking.

**COMPENSATIVE ACTION:**

Ford.



**CONFIDENTIAL**

~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

NAME Bai Duc Thon RR. Bridge (By-pass No. 1) over Khe Ba Giang Bridge No. 7 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 105 50E WE 886964
MAP AMS L509 NE 48-7	BRIEF NO: PIB 65411 April 1966	

25X1

LOCATION: 0.5 nm NW of Bai Duc Thon on the Duc Tho-Thanh Lang Xa Rail Line.

DESCRIPTION:

25X1

LENGTH		MATERIAL	Wood
WIDTH	Single track	NO. OF SPANS	8
TYPE	Deck Beam (trestle)	LENGTH OF EACH SPAN	25X1 25X1

STATUS:

Pre-strike. Note that this bridge was constructed as a by-pass [redacted] which was damaged by airstrikes [redacted]

COMPENSATIVE ACTION:

N/A

25X1



~~CONFIDENTIAL~~

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Thach Ban Hwy. Bridge over  
stream [redacted]  
Bridge No. 11 on NE 48-12

COUNTRY  
North Vietnam

COORDINATES  
17 11N - 106 45E  
XE 878008

25X1

BRIEF NO:  
PIB 65412  
May 1966

MAP AMS L509 NE 48-12

LOCATION: 0.2 nm W of Trach Ban on Route 101.

DESCRIPTION:

25X1

LENGTH 125' approx.  
WIDTH [redacted]  
TYPE Deck

MATERIAL Timber  
NO. OF SPANS 5  
LENGTH OF EACH SPAN 25' approx.

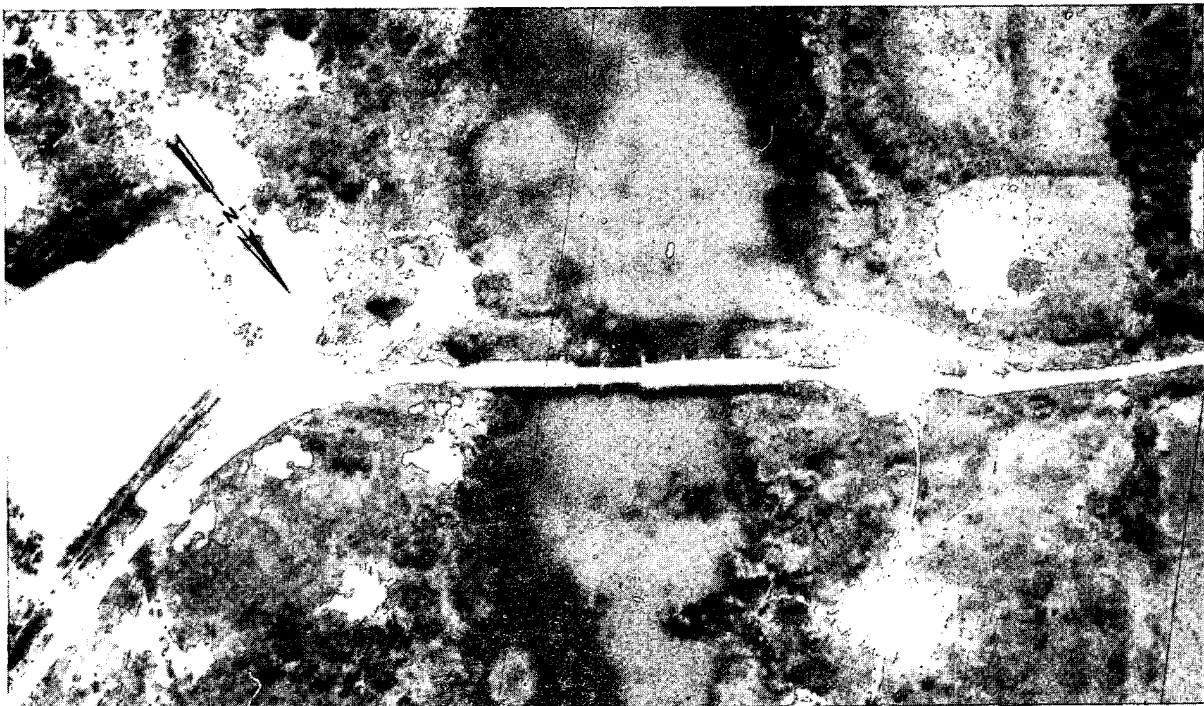
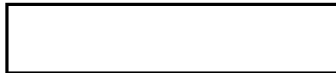
STATUS:

Bridge has been repaired with wooden planking and is now serviceable.

COMPENSATIVE ACTION:

Possible ford along southwest edge of bridge.

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES	
Ly Hoa Hwy. Bridge Bridge No. 15 on NE 48-12	North Vietnam	17 40N - 106 30E XE 601538	
<table border="1"> <tr> <td data-bbox="162 493 1104 527">MAP AMS L509 NE 48-12</td> <td data-bbox="1104 430 1461 527">BRIEF NO: PIB 65413 May 1966</td> </tr> </table>		MAP AMS L509 NE 48-12	BRIEF NO: PIB 65413 May 1966
MAP AMS L509 NE 48-12	BRIEF NO: PIB 65413 May 1966		

LOCATION: 1.6 nm NW of Ly Hoa on Route 1.

DESCRIPTION:

LENGTH 120' approx.  
WIDTH 10' approx.  
TYPE Deck

MATERIAL Concrete, steel, and timber  
NO. OF SPANS 4  
LENGTH OF EACH SPAN 30' approx.

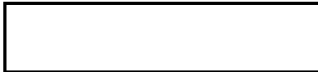
STATUS:

3 spans destroyed; 1 span heavily damaged. Approaches moderately interdicted.

COMPENSATIVE ACTION:

Ford

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dao Nguyen Hwy. Bridge Bridge No. 46 on NE 48-7	North Vietnam	18 02N - 106 24E XE 489940
25X1		BRIEF NO: PIB 65414
MAP AMS L509 NE 48-7		May 1966

LOCATION: 0.8 nm SW of Dao Nguyen on Route 1A.

DESCRIPTION:

LENGTH	60' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

STATUS:

1 span destroyed; 2 spans severely damaged.

COMPENSATIVE ACTION:

Ford

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Hung Nhan Hwy. Bridge Bridge No. 34 on NE 48-7	North Vietnam	18 04N - 106 18E XE 371981
MAP AMS L509 NE 48-7		BRIEF NO: PIB 65415 May 1966

LOCATION: 0.4 nm NW of Hung Nhan on Route 1A.

DESCRIPTION:

25X1

LENGTH	200' approx.	MATERIAL	Wood and concrete
WIDTH	<input type="text"/>	NO. OF SPANS	10
TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

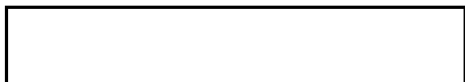
STATUS:

6 spans heavily damaged; 2 piers destroyed.

COMPENSATIVE ACTION:

Combination causeway/2-span deck-type replacement bridge; original damaged bridge may be in initial stages of reconstruction.

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME Bai Duc Thon RR. Bridge (By-Pass No. 1) over Khe Ba Giang Bridge No. 7 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 105 50E WE 886964
	MAP AMS L509 NE 48-7		BRIEF NO: PIB 65416 May 1966

LOCATION: 0.5 nm NW of Bai Duc Thon on the Duc Tho-Tranh Lang Xa Rail Line.

DESCRIPTION:

25X1

LENGTH [REDACTED]  
WIDTH [REDACTED]  
TYPE Single track  
Deck beam

MATERIAL Wood  
NO. OF SPANS 8  
LENGTH OF EACH SPAN [REDACTED]

25X1

STATUS:

2 spans dropped; 1 span heavily damaged, 2 lattice piers tipped over.

COMPENSATIVE ACTION:

25X1

Repairs are underway, both on the by-pass bridge and on the original bridge -

25X1



**CONFIDENTIAL**



**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Phuong Dien RR. Bridge over Rao No <input type="text"/> Bridge No. 10 on NE 48-7	COUNTRY	North Vietnam	COORDINATES	18 17N - 105 39E WF 680220
	25X1	<input type="text"/>			BRIEF NO:	PIB 65417 May 1966
	MAP	AMS L509 NE 48-7				

LOCATION: 1.5 nm S of Phuong Dien on the Duc Tho - Thanh Lang Xa Rail Line.

DESCRIPTION:

25X1	LENGTH	<input type="text"/>	MATERIAL	Wood
	WIDTH	Single track Deck beam	NO. OF SPANS	5
	TYPE		LENGTH OF EACH SPAN	<input type="text"/>

25X1

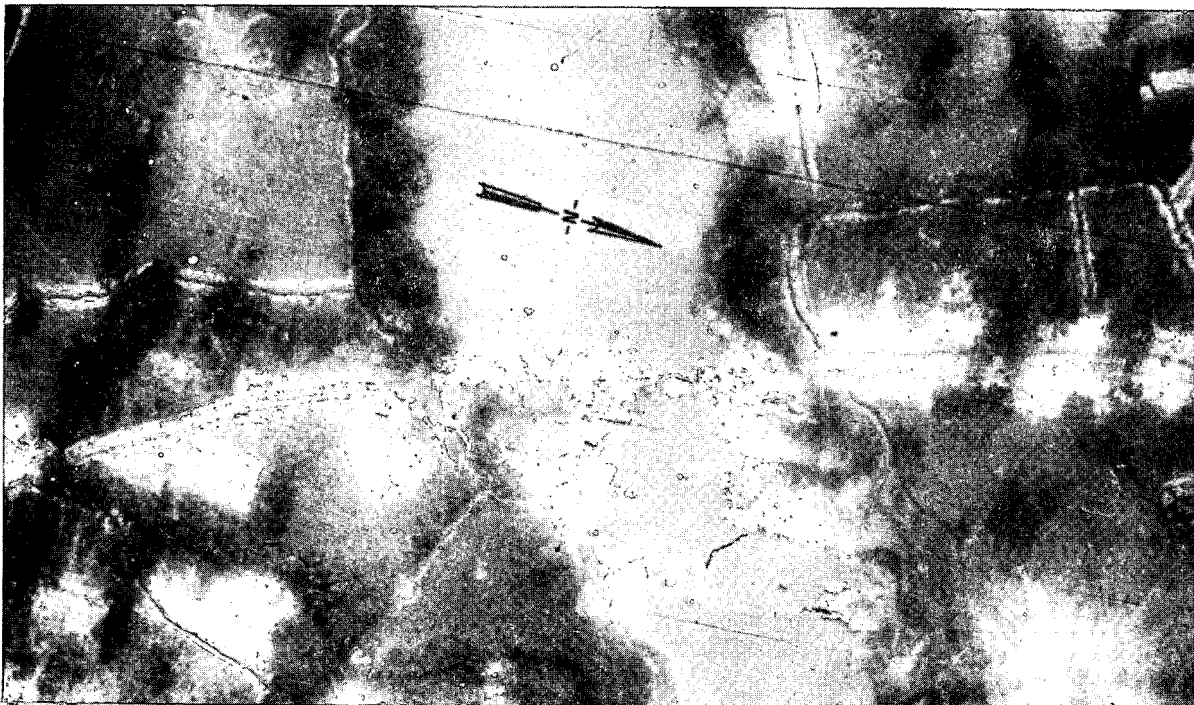
STATUS:

This bridge has been constructed to replace the destroyed bridge.

COMPENSATIVE ACTION:

N/A

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	La Khe Thon RR. Bridge over Ngan Sau <input type="text"/>	COUNTRY	North Vietnam	COORDINATES	18 03N - 105 49E WE 876975
	Bridge No.	13 on NE 48-7				
25X1		<input type="text"/>			BRIEF NO:	PIB 65418 May 1966
	MAP	AMS L509 NE 48-7				
	LOCATION:	0.8 nm SE of La Khe Thon on the Duc Tho - Thanh Leng Xa Rail Line.				

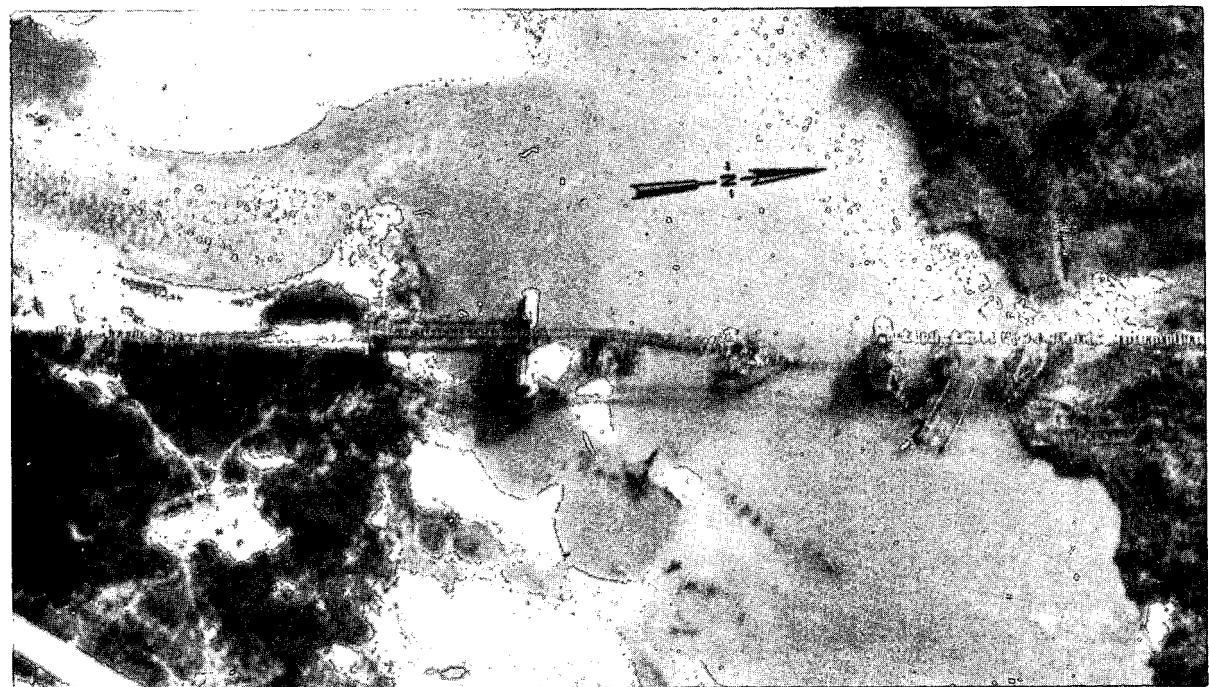
DESCRIPTION:

25X1	LENGTH	<input type="text"/>	MATERIAL	Wood and steel
	WIDTH	Single Track	NO. OF SPANS	8
	TYPE	Combination deck-beam and half-through truss	LENGTH OF EACH SPAN	<input type="text"/>

25X1

STATUS:  
Two of the deck-beam spans are down, possibly due to overloading of the bridge.

COMPENSATIVE ACTION:  
Probable repair action is being taken on the two collapsed spans.



GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

<b>NAME</b> Nghia Lo Hwy. Bridge U/C Bridge No. 40 on NF 48-10	<b>COUNTRY</b> North Vietnam	<b>COORDINATES</b> 21 36N - 104 30E VJ 494896
<b>MAP</b> AMS I509 NF 48-10		<b>BRIEF NO:</b> PIB 65419 June 1966

ILLEGIB

25X1

**LOCATION:** 0.1 nm NW of Nghia Lo on Route 134.

**DESCRIPTION:**

**LENGTH** 100' approx.  
**WIDTH** 10' approx.  
**TYPE** Deck (probable)

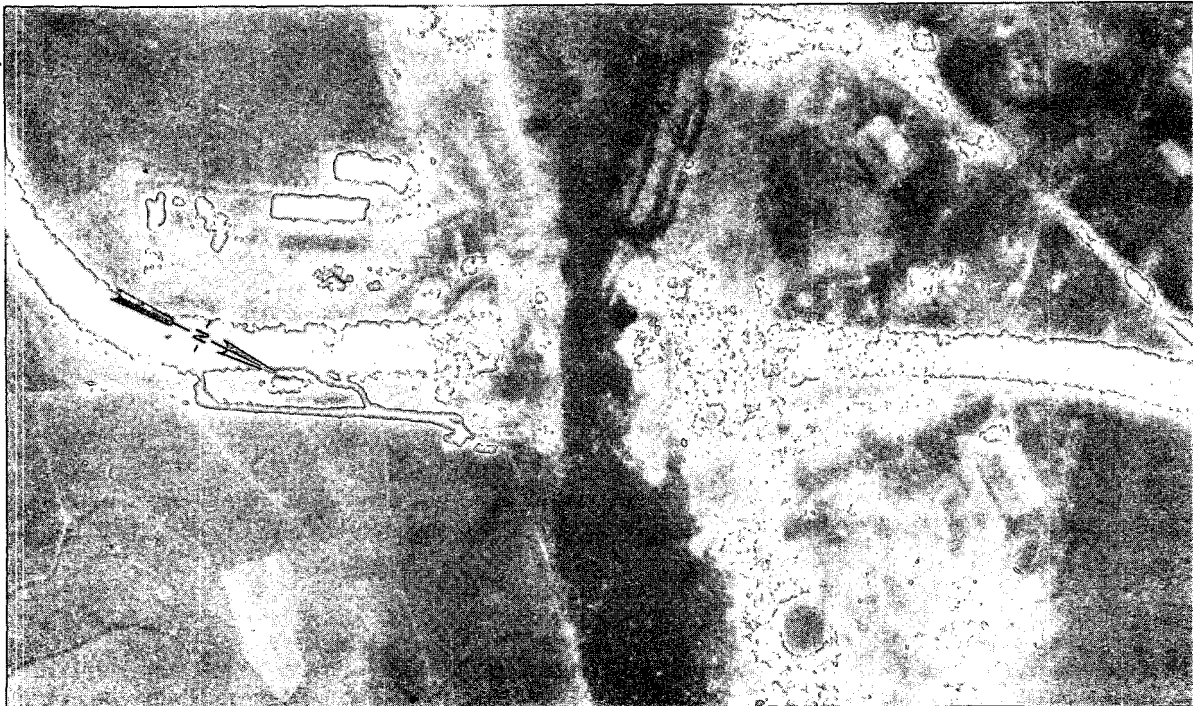
**MATERIAL** Probable concrete  
**NO. OF SPANS** 2  
**LENGTH OF EACH SPAN** 50' approx.

**STATUS:**

The center pier heavily damaged. One abutment lightly damaged.

**COMPENSATIVE ACTION:**

None



**CONFIDENTIAL**

GROUP 1  
 Excluded from automatic  
 downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Lang Bun RR. Bridge over  
 Ngai Bon   
 Bridge No. 1 on NF 48-6

COUNTRY  
 North Vietnam

COORDINATES  
 22 09N - 104 23E  
 VK 368493

25X1

MAP AMS L509 NF 48-6

BRIEF NO:  
 PIB 65420  
 May 1966

LOCATION: 0.1 nm NW of Lang Bun on the Hanoi-Lao Cai Rail Line.

DESCRIPTION:

25X1

LENGTH   
 WIDTH   
 TYPE Deck-type beam with  
 lattice towers

MATERIAL Wood probable  
 NO. OF SPANS 4  
 LENGTH OF EACH SPAN

25X1

STATUS:

Repaired, serviceable, replacement bridge.

COMPENSATIVE ACTION:

25X1



**CONFIDENTIAL**

CONFIDENTIAL

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Pho Hop RR. Bridge over Ngoi	COUNTRY		COORDINATES	
		Hop [redacted] Bridge No. 26 on NF 48-10		North Vietnam		21 49N - 104 45E VK 752127
25X1		[redacted]			BRIEF NO:	
	MAP	AMS L509 NF 48-10			PIB 65421 May 1966	

LOCATION: 2.3 nm SW of Lang Dong on Hanoi-Lao Cai Rail Line.

DESCRIPTION:

25X1	LENGTH	80' approx.	MATERIAL	Steel and concrete
	WIDTH	[redacted]	NO. OF SPANS	1
	TYPE	Half-through truss	LENGTH OF EACH SPAN	80' approx.

STATUS:

The dropped span has been replaced on the abutments; bridge is serviceable.

COMPENSATIVE ACTION:

25X1 [redacted]



CONFIDENTIAL

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

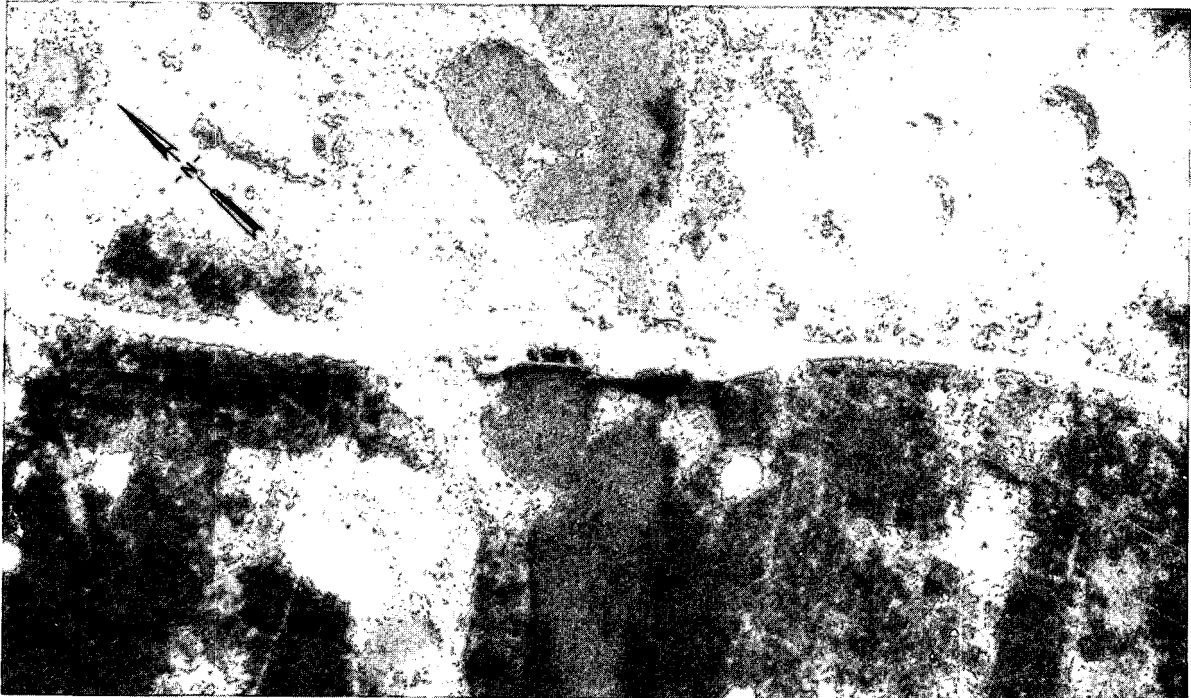
25X1	NAME	Qui Trinh Hwy. Bridge	COUNTRY	COORDINATES
		Bridge No. 13 on NE 48-12	North Vietnam	17 12N - 106 43E XE 830034
25X1	BRIEF NO:			
	MAP	AMS L509 NE 48-12		PIB 65422 May 1966
LOCATION: 0.4 nm SW of Qui Trinh on Route 101.				

25X1	DESCRIPTION:			
	LENGTH		MATERIAL	Concrete
	WIDTH	20' approx.	NO. OF SPANS	3 approx.
	TYPE	Deck	LENGTH OF EACH SPAN	

25X1

STATUS:  
1 end span destroyed; partially destroyed center span has heavy damage.

COMPENSATIVE ACTION:  
None



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	La Trong Hwy. Bridge SW over stream	COUNTRY	North Vietnam	COORDINATES	17 50N - 105 47E WE 841729
	Bridge No. 16 on NE 48-11				

25X1

		BRIEF NO:	PIB 65424 May 1966
MAP	AMS L509 NE 48-11-16		

LOCATION: 1.1 nm SW of La Trong on Route 15.

DESCRIPTION:

25X1

LENGTH	40' approx.	MATERIAL	Timber
WIDTH	[REDACTED]	NO. OF SPANS	2 probable
TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

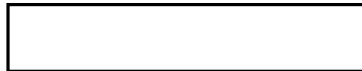
STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

Ford or causeway with culvert by-pass.

25X1



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Thach Xa Ha Hwy. Bridge Bridge No. 31 on NE 48-12	North Vietnam	17 17N - 106 45E XE 871118
[REDACTED]		BRIEF NO: PIB 65425 May 1966
MAP	AMS L509 NE 48-12	

25X1

LOCATION: 0.1 nm SW of Trach Xs Ha on Route 1A.

DESCRIPTION:

LENGTH 70' approx.

WIDTH [REDACTED]

TYPE

Deck

MATERIAL Concrete

NO. OF SPANS 2

LENGTH OF EACH SPAN 35' approx.

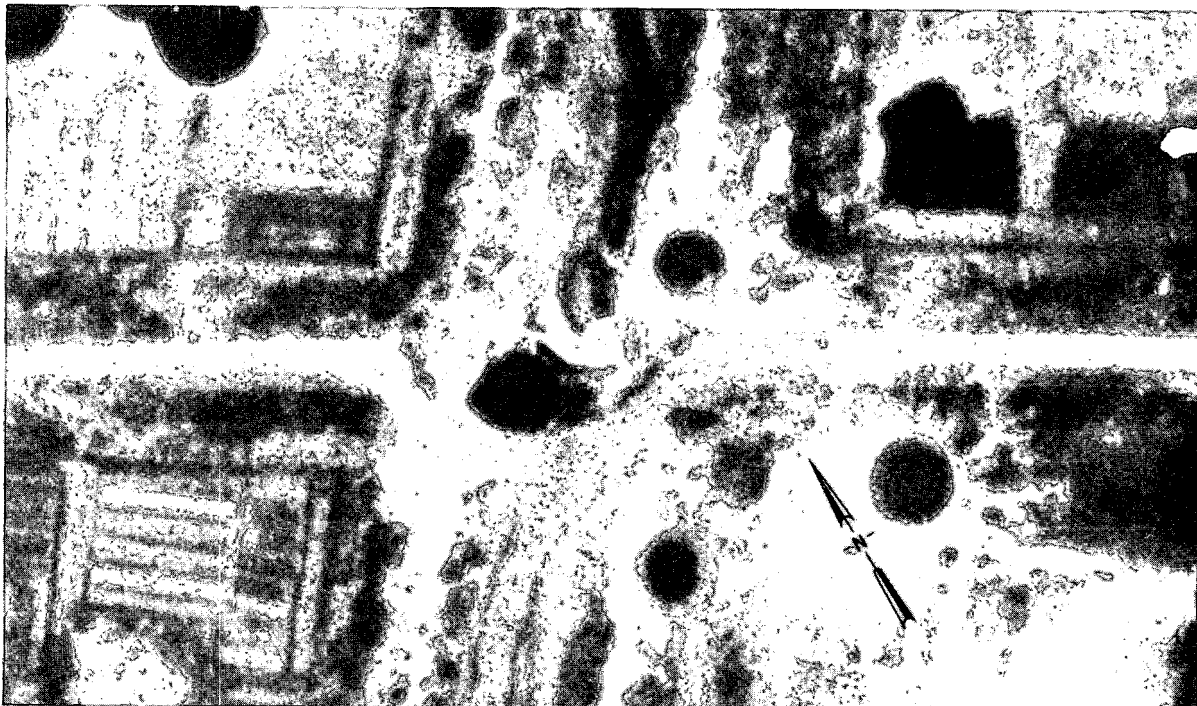
25X1

STATUS:

2 spans dropped, 1 pier heavily damaged; both abutments damaged.

COMPENSATIVE ACTION:

Dirt fill causeway by-pass.



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification



CONFIDENTIAL

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Quang Khe Hwy. Bridge No. 1 Bridge No. 38 on NE 48-11	North Vietnam	17 42N - 106 29E XE 568568
		BRIEF NO: PIB 65426 May 1966
MAP AMS L509 NE 48-11		

25X1

LOCATION: 0.2 nm SW of Quang Khe on an unnumbered Route.

DESCRIPTION:

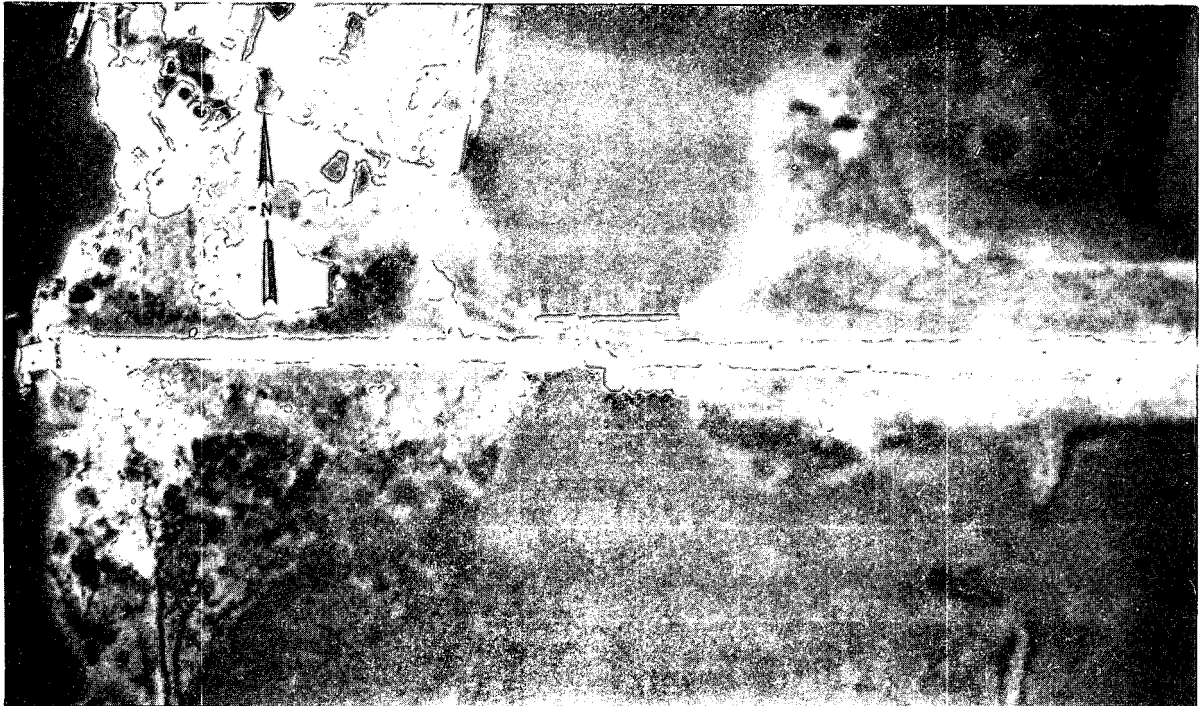
LENGTH	40' approx.	MATERIAL	Concrete
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Combination lock and deck-type bridge	LENGTH OF EACH SPAN	40' approx.

STATUS:

Severe damage to center of bridge span.

COMPENSATIVE ACTION:

None



CONFIDENTIAL

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Quang Khe Hwy. Bridge No. 2 Bridge No. 39 on NE 48-11	North Vietnam	17 42N - 106 29E XE 567568
25X1		BRIEF NO: PIB 65427
MAP AMS L509 NE 48-11		May 1966

LOCATION: 0.2 nm SW of Quang Khe on an unnumbered Route.

DESCRIPTION:

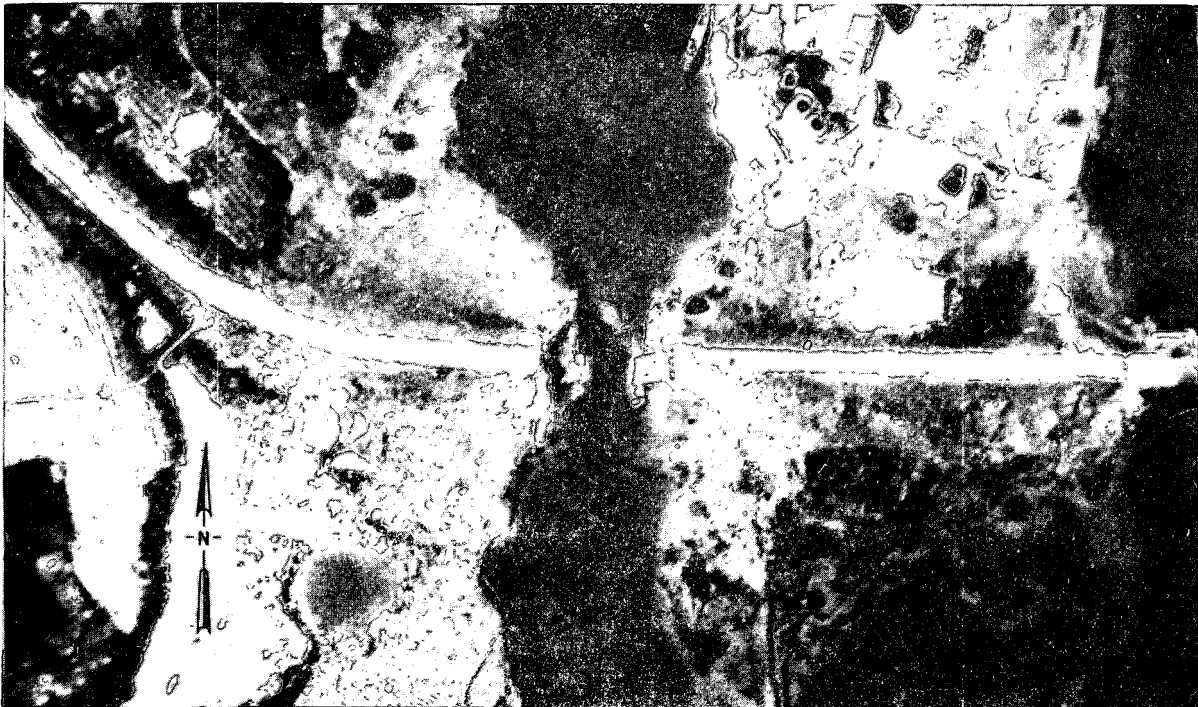
LENGTH	40' approx.	MATERIAL	Concrete
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Combination lock and deck-type bridge	LENGTH OF EACH SPAN	40' approx.

STATUS:

Destroyed.

COMPENSATIVE ACTION:

None



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Trach Ban Hwy. Bridge Bridge No. 11 on NE 48-12	North Vietnam	17 11N - 106 45E XE 878008
[REDACTED]		BRIEF NO: PIB 65428 May 1966
MAP	AMS 1509 NE 48-11	

25X1

LOCATION: 0.2 nm W of Trach Ban on Route 101.

DESCRIPTION:

25X1

LENGTH [REDACTED]  
WIDTH 10' approx.  
TYPE Deck

MATERIAL Timber  
NO. OF SPANS 6 probable  
LENGTH OF EACH SPAN [REDACTED]

25X1

STATUS:

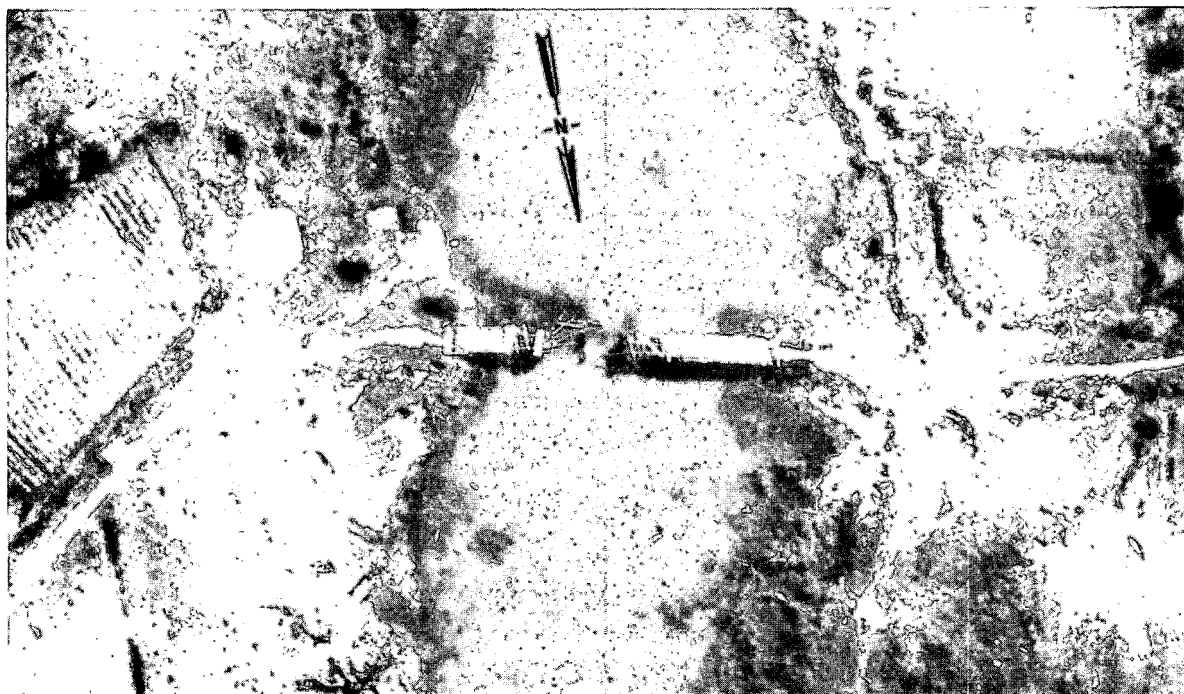
2 spans destroyed, 1 span heavily damaged.

COMPENSATIVE ACTION:

Possible construction of a by-pass road. Ford adjacent to bridge.

25X1

[REDACTED]



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
An Lao Ap Hwy. Bridge Bridge No. 32 on NE 48-12	North Vietnam	17 11N - 106 52E XD 983997
MAP AMS L509 NE 48-12		BRIEF NO: PIB 65429 May 1966

25X1

LOCATION: 2.0 nm SE of My The on unnumbered route.

DESCRIPTION:

LENGTH 25' approx.  
 WIDTH   
 TYPE Deck

MATERIAL Concrete and wood  
 NO. OF SPANS 1 probable  
 LENGTH OF EACH SPAN 25' approx.

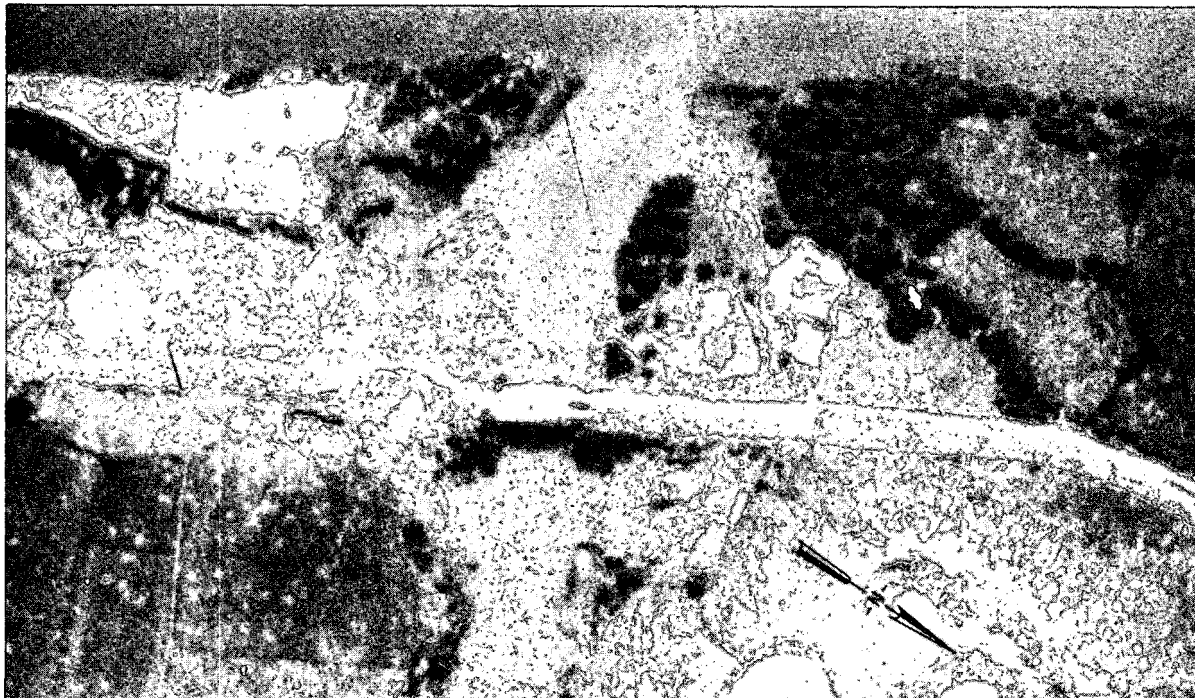
25X1

STATUS:

One approach interdicted; one abutment damaged; deck lightly damaged.

COMPENSATIVE ACTION:

None



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Thuy Lien Thuong Hwy. Bridge Bridge No. 5 on NE 48-12	North Vietnam	17 10N - 106 54E YE 022005
25X1 [REDACTED]		BRIEF NO: PIB 65430
MAP AMS L509 NE 48-12		May 1966

LOCATION: 0.8 nm NW of Thuy Lien Thuong on Route 1A.

DESCRIPTION:

25X1  
 LENGTH 60' approx.  
 WIDTH [REDACTED]  
 TYPE Deck

MATERIAL Concrete  
 NO. OF SPANS 2 probable  
 LENGTH OF EACH SPAN 30' approx.

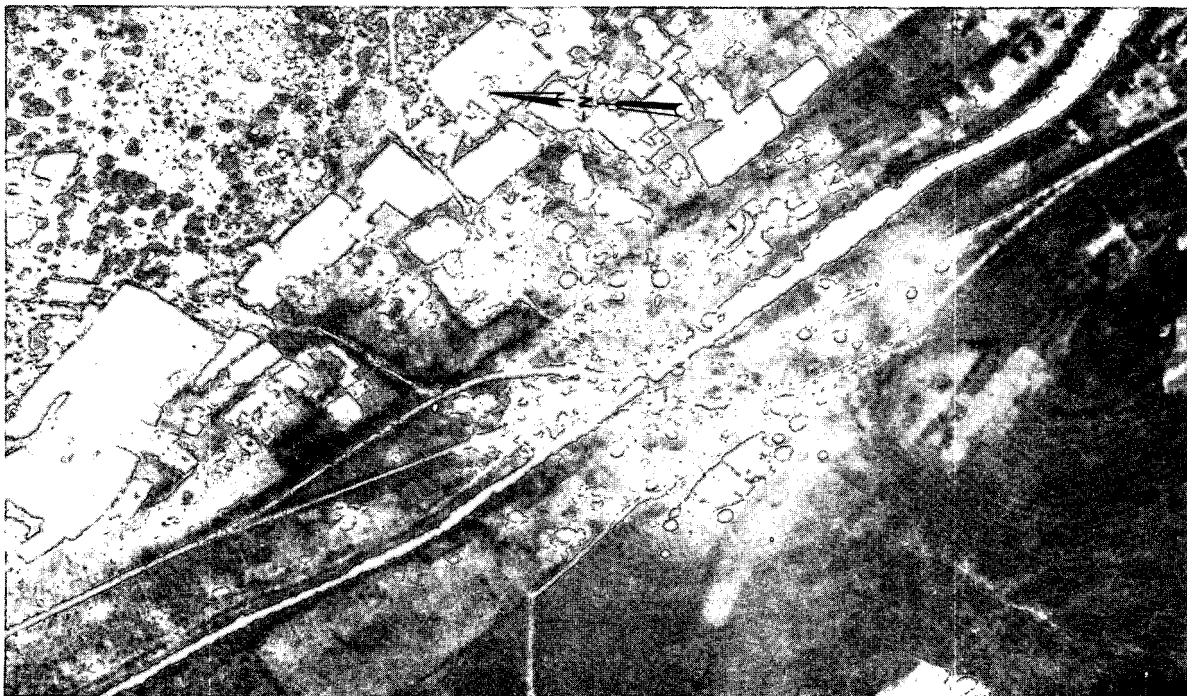
STATUS:

Both spans and abutments destroyed.

COMPENSATIVE ACTION:

None

25X1



**CONFIDENTIAL**

GROUP 1  
 Excluded from automatic  
 downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Xom Ha Hwy. Bridge Bridge No. 4 on NE 48-11	North Vietnam	17 59N - 105 51E WE 891895
MAP AMS L509 NE 48-11		BRIEF NO: PIB 65431 May 1966

LOCATION: 0.5 nm W of Xom Ha on Route 15.

DESCRIPTION:

25X1

LENGTH 210' approx.  
 WIDTH   
 TYPE Deck

MATERIAL Concrete and steel  
 NO. OF SPANS 3  
 LENGTH OF EACH SPAN 2 @ 40'  
 1 @ 130'

STATUS:

Bridge entirely off abutments and in water.

COMPENSATIVE ACTION:

Ford.



**CONFIDENTIAL**

GROUP 1  
 Excluded from automatic  
 downgrading and declassification

~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Thuy Lien Thuong Hwy. Bridge  
over Khe Chan Th   
Bridge No. 5 on NE 48-12

COUNTRY  
North Vietnam

COORDINATES  
17 10N - 106 54E  
YE 022005

25X1

MAP AMS L509 NE 48-12

BRIEF NO:  
PIB 65432  
April 1966

LOCATION: 8 nm NW of Thuy Lien Thuong on Route 1A.

DESCRIPTION:

25X1

LENGTH 60' approx.  
WIDTH   
TYPE Deck

MATERIAL Concrete  
NO. OF SPANS 2 probable  
LENGTH OF EACH SPAN 30' approx.

STATUS:

Pre-strike.

COMPENSATIVE ACTION:

25X1



~~CONFIDENTIAL~~

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

<b>NAME</b> Sepone Hwy. Bridge over the Se Bang Hieng <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>	<b>COUNTRY</b> Laos	<b>COORDINATES</b> 16 41N - 106 13E XD 301462
--	------------------------	---

25X1

<b>MAP</b> AMS L509 NE 48-15	<b>BRIEF NO:</b> PIB 65433 May 1966
------------------------------	---

**LOCATION:** 1.4 nm WNW of Sepone on Route 9.

**DESCRIPTION:**

25X1

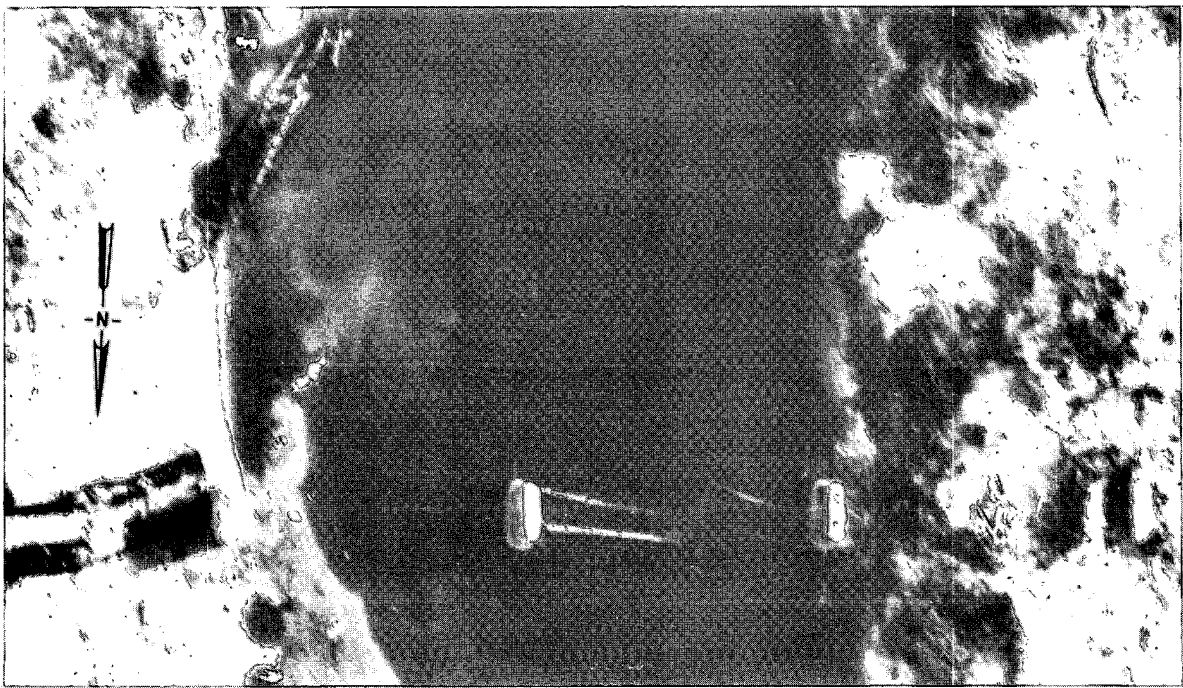
<b>LENGTH</b> 600' approx.	<b>MATERIAL</b> Concrete and steel
<b>WIDTH</b> <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>	<b>NO. OF SPANS</b> 6
<b>TYPE</b> Through truss	<b>LENGTH OF EACH SPAN</b> 2 @ 80' , 2 @ 130' 1 @ 110' , 1 @ 60'

**STATUS:**

All spans destroyed; piers are intact.

**COMPENSATIVE ACTION:**

1 ford immediately north of bridge; 1 ford immediately south of bridge.



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification



**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Dong Lang Hwy. Bridge Bridge No. 25 on NE 48-11	North Vietnam	17 51N - 106 04E XE 127743
MAP AMS L509 NE 48-11-25		BRIEF NO: PTB 65434 May 1966

LOCATION: 0.4 nm NW of Dong Lang on a portion of the destroyed Vinh-Dong Hoi RR.

DESCRIPTION:

LENGTH 110' approx.  
WIDTH 20' approx.  
TYPE Deck

MATERIAL Concrete  
NO. OF SPANS 3  
LENGTH OF EACH SPAN 2 approach spans @ 25' approx.  
1 center span @ 60' approx.

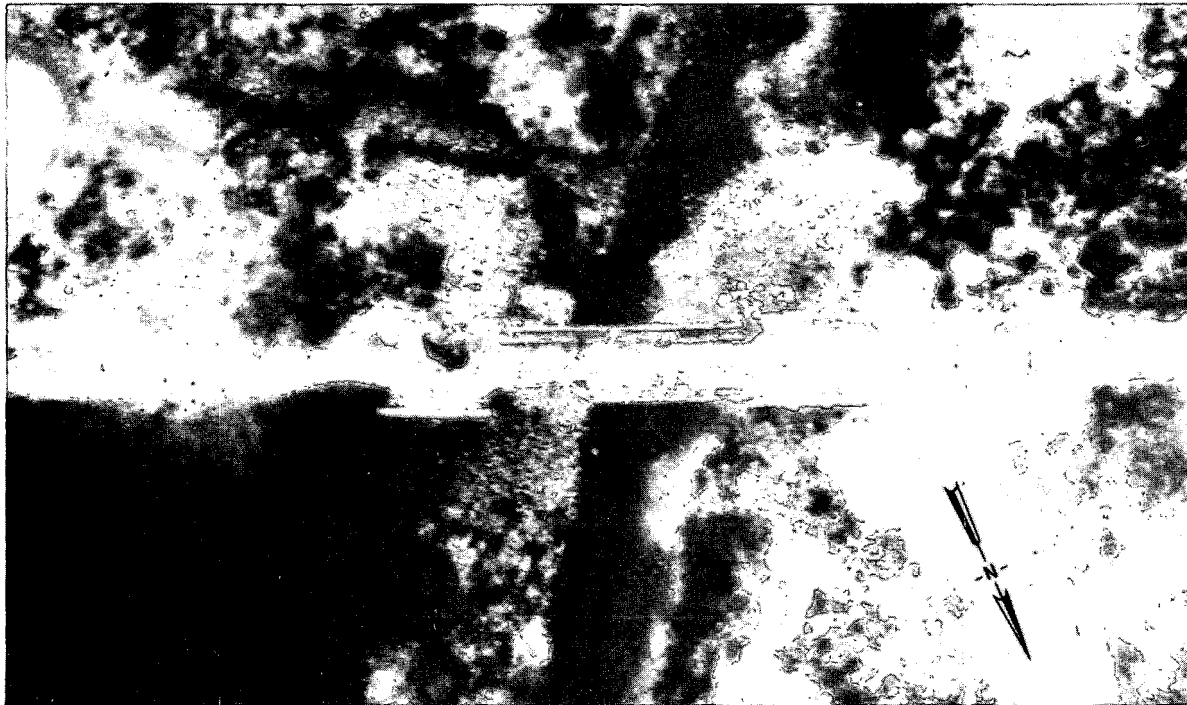
STATUS:

1 approach span severely damaged.

COMPENSATIVE ACTION:

None.

25X1



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
An Dinh Hwy. Bridge Bridge No. 8 on NE 48-12	North Vietnam	17 16N - 106 46E XE 889109
MAP AMS L509 NE 48-12		BRIEF NO: PIB 65435 May 1966

25X1

LOCATION: 0.6 nm SE of An Dinh on Route 1A.

DESCRIPTION:

25X1

LENGTH [REDACTED]  
 WIDTH [REDACTED]  
 TYPE Deck

MATERIAL Concrete  
 NO. OF SPANS 4 probable  
 LENGTH OF EACH SPAN [REDACTED]

25X1

STATUS:

Severe damage to one span.

COMPENSATIVE ACTION:

Ford.

25X1

[REDACTED]



**CONFIDENTIAL**

GROUP 1  
 Excluded from automatic  
 downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

25X1

NAME Ban Lau Hwy. Bridge over Song Ca Trib <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span> Bridge No. 27 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 14N - 104 30E VG 484272
MAP AMS L509 NE 48-2		BRIEF NO: PIB 65436 May 1966

LOCATION: 0.3 nm SW of Ban Lau on Route 7.

DESCRIPTION:

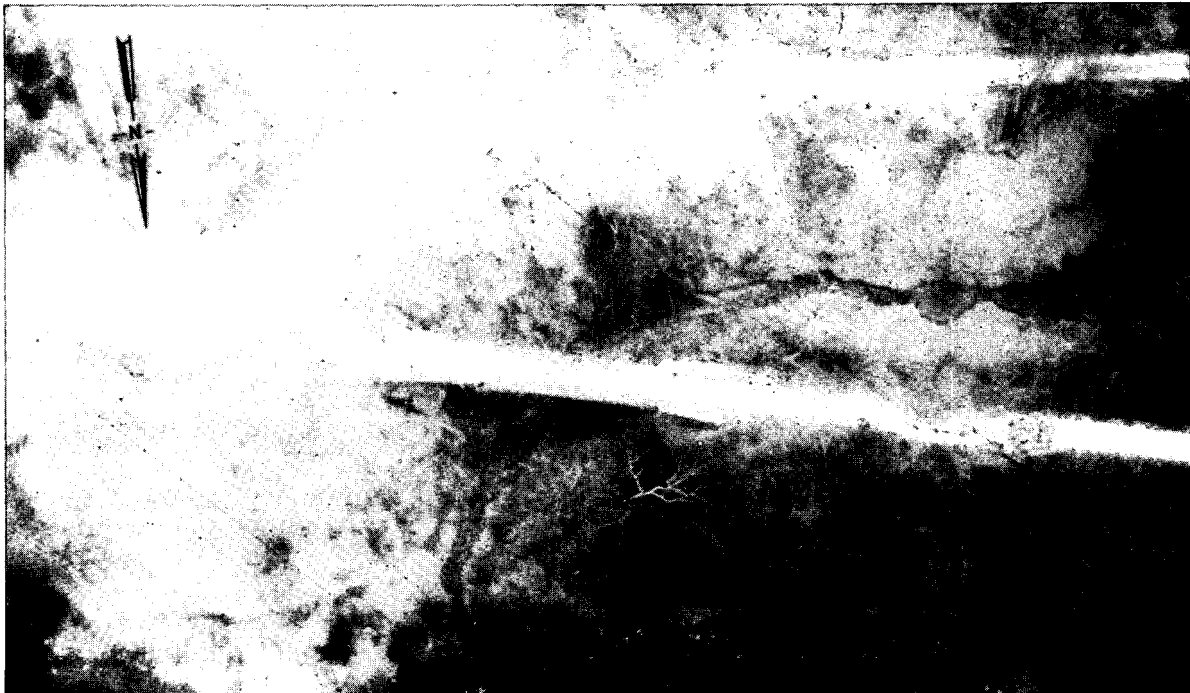
LENGTH	70' approx.	MATERIAL	Concrete
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	70' approx.

STATUS:

Both approaches cratered; one abutment moderately damaged; deck slightly damaged.

COMPENSATIVE ACTION:

Ford.



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Trach Ban RR. Bridge (abandoned) Bridge No. 14 on NE 48-12	North Vietnam	17 11N - 106 46E WE 878017
		BRIEF NO: PIB 65437 May 1966
MAP	AMS L509 NE 48-12	

25X1

LOCATION: 0.4 nm N of Trach Ban on abandoned railroad.

DESCRIPTION:

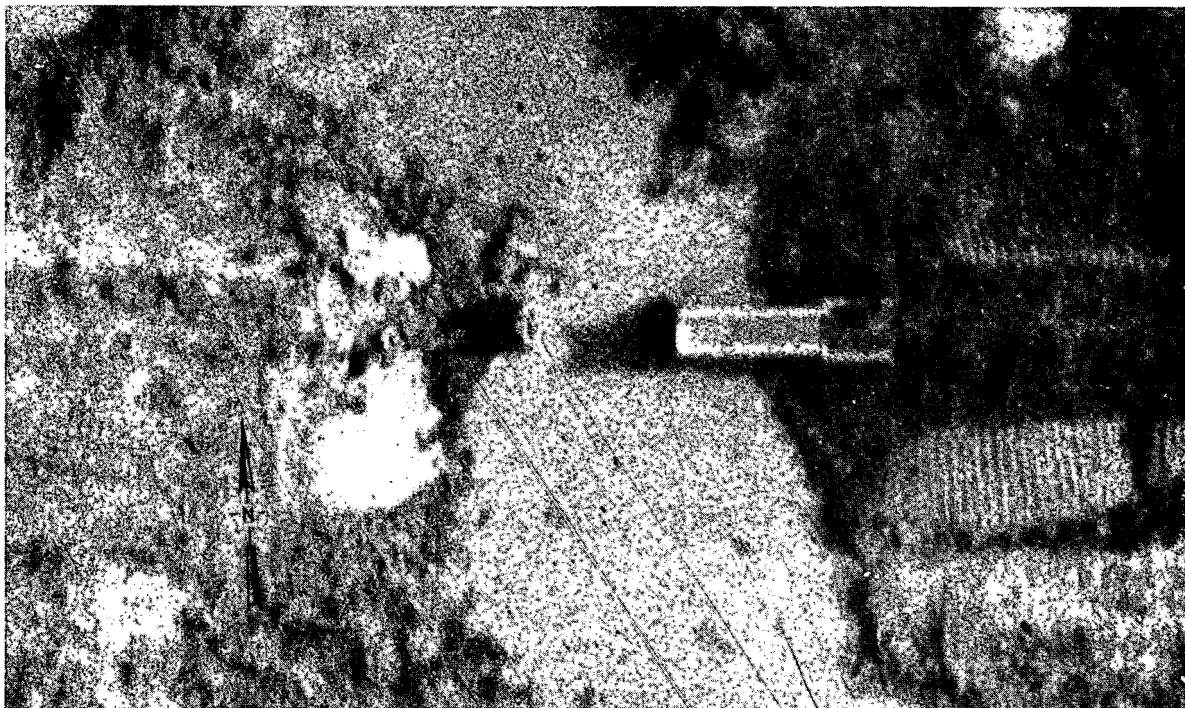
LENGTH	120' approx.	MATERIAL	Steel and concrete
WIDTH	Single track	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	40' approx.

STATUS:

Two spans destroyed; one abutment heavily damaged.

COMPENSATIVE ACTION:

None.



~~CONFIDENTIAL~~

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Lam Thon Hwy. Bridge over Khe Duc Bridge No. 40 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 50N - 106 09E WE 228728
MAP AMS L509 NE 48-11		BRIEF NO: PIB 65438 May 1966

LOCATION: At Lam Thon on Route 110.

DESCRIPTION:

25X1

LENGTH 30' approx.

MATERIAL Wood

WIDTH

NO. OF SPANS 3

TYPE

Deck

LENGTH OF EACH SPAN 3 @ 10' approx.

STATUS:

One span moderately damaged.

COMPENSATIVE ACTION:

By-pass road and ferry.



~~CONFIDENTIAL~~

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Xom Khe RR. Bridge over Khe Net <input type="text"/> Bridge No. 11 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 59N - 105 56E WF 988877
---	--------------------------	--

25X1

MAP AMS L509 NE 48-11	BRIEF NO: PIB 65439 May 1966
-----------------------	------------------------------------

LOCATION: 0.2 nm N of Xom Khe on Vinh-Dong Hoi Rail Line.

DESCRIPTION:

25X1

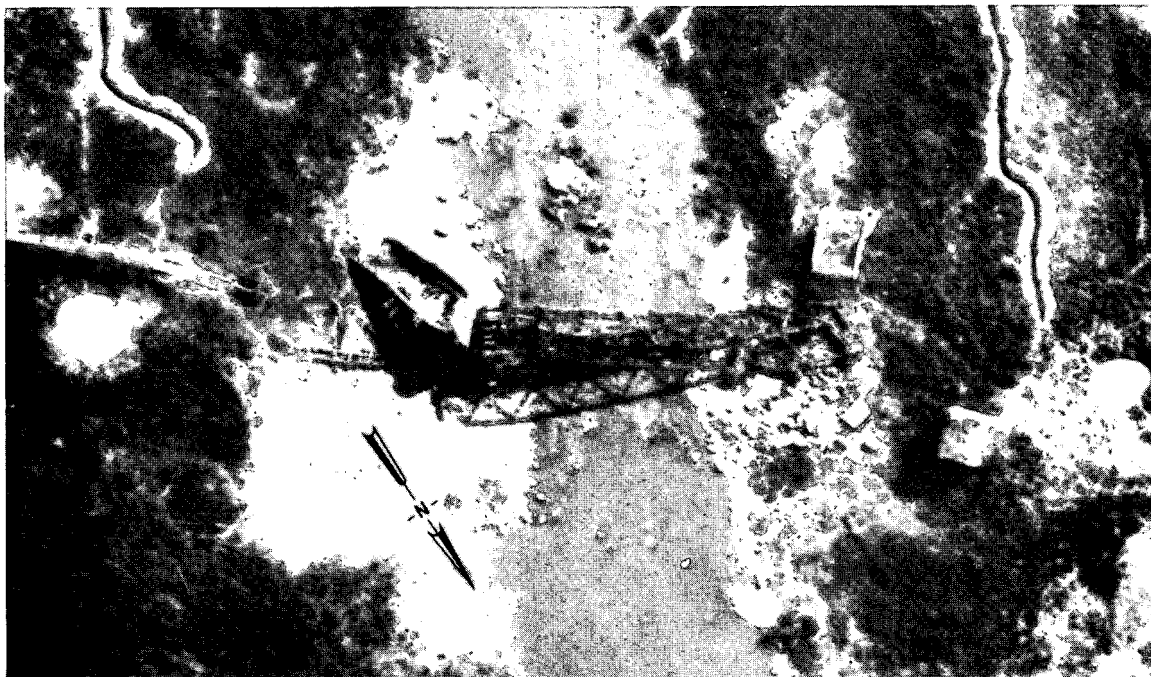
LENGTH 200' approx.	MATERIAL Steel and concrete
WIDTH <input type="text"/>	NO. OF SPANS 3
TYPE Combination half-through truss/deck	LENGTH OF EACH SPAN 2 @ 30' approx. (Deck) 1 @ 140' approx. (Half-through truss)

STATUS:

All three spans destroyed; one pier and one abutment destroyed.

COMPENSATIVE ACTION:

25X1



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

25X1

NAME	Dong Bai RR. Bridge over Song Tien <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span> Bridge No. 11 on NE 48-7	COUNTRY	North Vietnam	COORDINATES	18 09N - 105 43E WF 762079
MAP	AMS L509 NE 48-7	BRIEF NO:		PIB 65440 May 1966	

LOCATION: 0.4 nm NNE of Dong Bai on Vinh-Dong Hoi Rail Line.

DESCRIPTION:

LENGTH	230' approx.	MATERIAL	Wood, concrete, and steel
WIDTH	Single track	NO. OF SPANS	5 probable
TYPE	Deck	LENGTH OF EACH SPAN	4 @ 50' approx. 1 @ 30' approx.

STATUS:

Has been repaired and is now serviceable to light weight rail traffic.

COMPENSATIVE ACTION:

N/A

25X1



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Qua Pham Hwy. Bridge Bridge No. 93 on NE 48-7	North Vietnam	18 34N - 105 41E WF 731545
MAP AMS L509 NE 48-7		BRIEF NO: PIB 65441 May 1966

25X1

LOCATION: 0.4 nm NE of Qua Pham on Route 1A.

DESCRIPTION:

LENGTH 65' approx.  
WIDTH 10' approx.  
TYPE Deck

MATERIAL Timber, concrete piers and abutments  
NO. OF SPANS 3 probable  
LENGTH OF EACH SPAN 2 @ 15' approx.  
1 @ 35' approx.

STATUS:

1 approach span, abutment, and pier destroyed; center span has been partially dropped.

COMPENSATIVE ACTION:

Ford.



**CONFIDENTIAL**

GROUP 1  
automatic  
downgrading and  
declassification



~~CONFIDENTIAL~~

~~VITAL INFORMATION FILE~~

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Phu Luong Foot Bridge Bridge No. 53 on NE 48-3	North Vietnam	19 09N - 105 42E WG 739185
25X1 <input type="text"/>		BRIEF NO: PIB 65442 June 1966
MAP AMS L509 NE 48-3		

LOCATION: 0.6 nm NW of Phu Luong on unnumbered route.

DESCRIPTION:

25X1

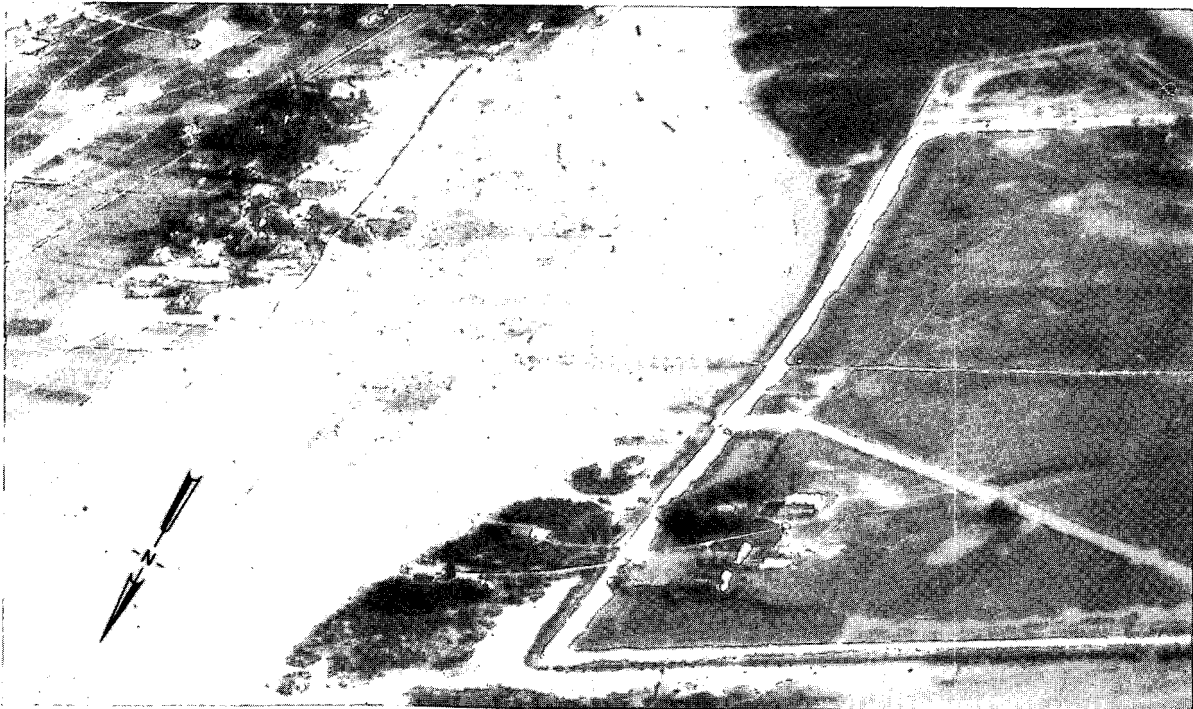
LENGTH	225' approx.	MATERIAL	Wood
WIDTH	<input type="text"/>	NO. OF SPANS	15
TYPE	Deck	LENGTH OF EACH SPAN	15' approx.

STATUS:

5 spans destroyed; 1 span partially dropped.

COMPENSATIVE ACTION:

None



~~CONFIDENTIAL~~

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Thuan Duc Hwy. Bridge Bridge No. 33 on NE 48-12	North Vietnam	17 27N - 106 33E XE 659317
MAP AMS L509 NE 48-12		BRIEF NO: PIB 65443 June 1966

LOCATION: 0.8 nm SW of Thuan Duc on Route 101.

DESCRIPTION:

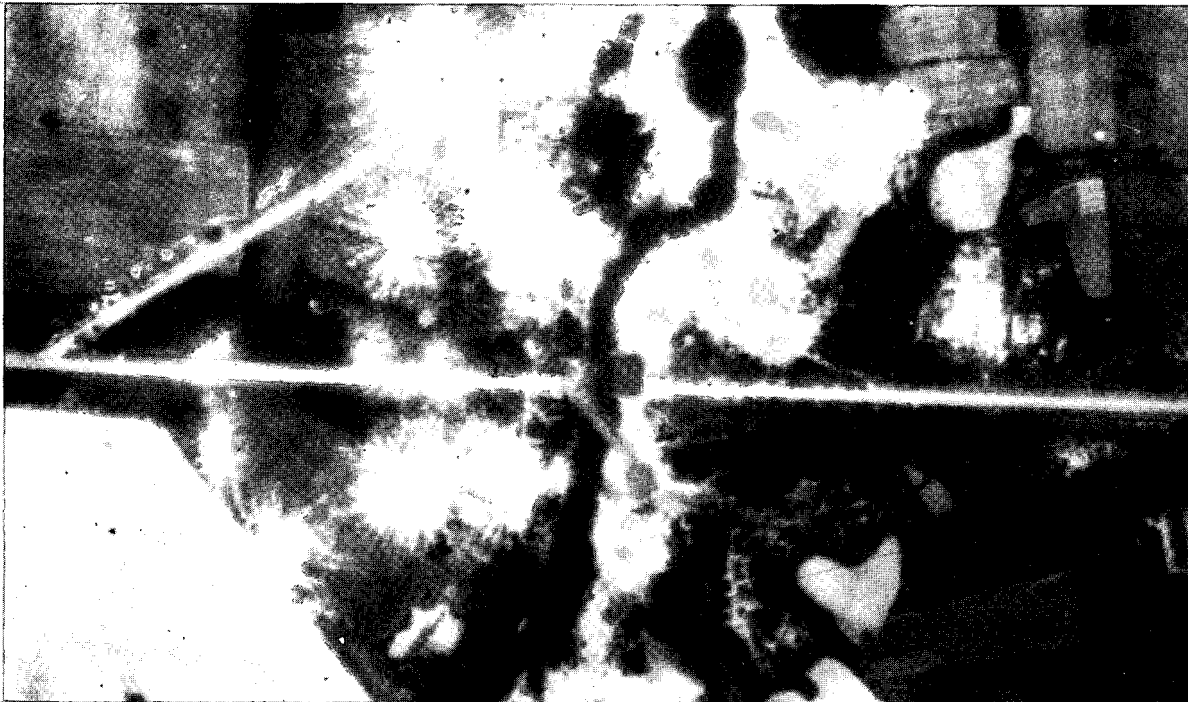
LENGTH	50' approx.	MATERIAL	Concrete
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	50' approx.

STATUS:

One end of bridge dropped. Abutments and approaches undamaged.

COMPENSATIVE ACTION:

By-pass road and bridge.



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**



CIA IMAGERY ANALYSIS DIVISION

25X1

**NAME** Hai Duong RR. and Hwy. Bridge  
over Thai Binh [redacted]  
Bridge No. 8 on NF 48-15

**COUNTRY**  
North Vietnam

**COORDINATES**  
20 56N - 106 21E  
XJ 415163

25X1

**MAP** AMS I509 NF 48-15

**BRIEF NO:**  
PIB 65445  
August 1966

**LOCATION:** 1.0 nm E of Hai Duong on Route 5 and Hanoi/Haiphong Rail Line.

**DESCRIPTION:**

25X1

**LENGTH** [redacted]  
**WIDTH** [redacted] (Single track)  
**TYPE** Through-arch truss

**MATERIAL** Concrete and steel  
**NO. OF SPANS** 14  
**LENGTH OF EACH SPAN** [redacted]

25X1

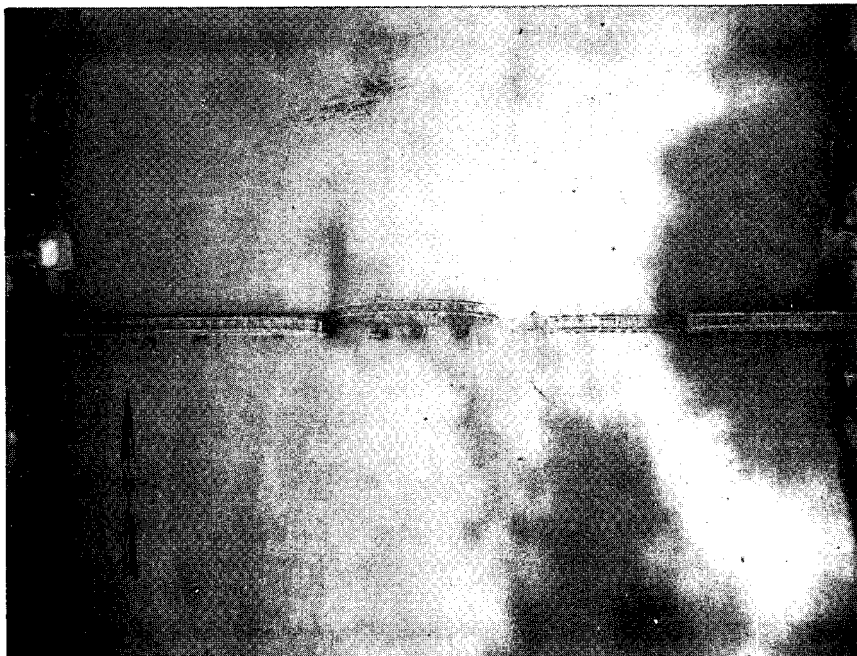
**STATUS:**

2 continuous through arch truss spans dropped, 4 piers destroyed, 5 piers severely damaged, ends of 2 spans slightly warped, eastern approaches interdicted in two places.

**COMPENSATIVE ACTION:**

Temporary rail by-pass bridge approx. 750 yards north of Hai Duong RR. and Hwy. Bridge under construction. Approx. 700' to 800' of bridge now completed.

25X1



**CONFIDENTIAL**

GROUP 1: EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

25X1

NAME	Ban Tieng Hwy. Bridge over stream	COUNTRY	Laos	COORDINATES	16 36N - 106 25E XD 518348
	Bridge No. 18L on NE 48-15				
				BRIEF NO:	PIB 65446 June 1966
MAP	AMS 1501 (JOG) NE 48-15				

LOCATION: 1.2 nm N of Ban Tieng on Route 92.

DESCRIPTION:

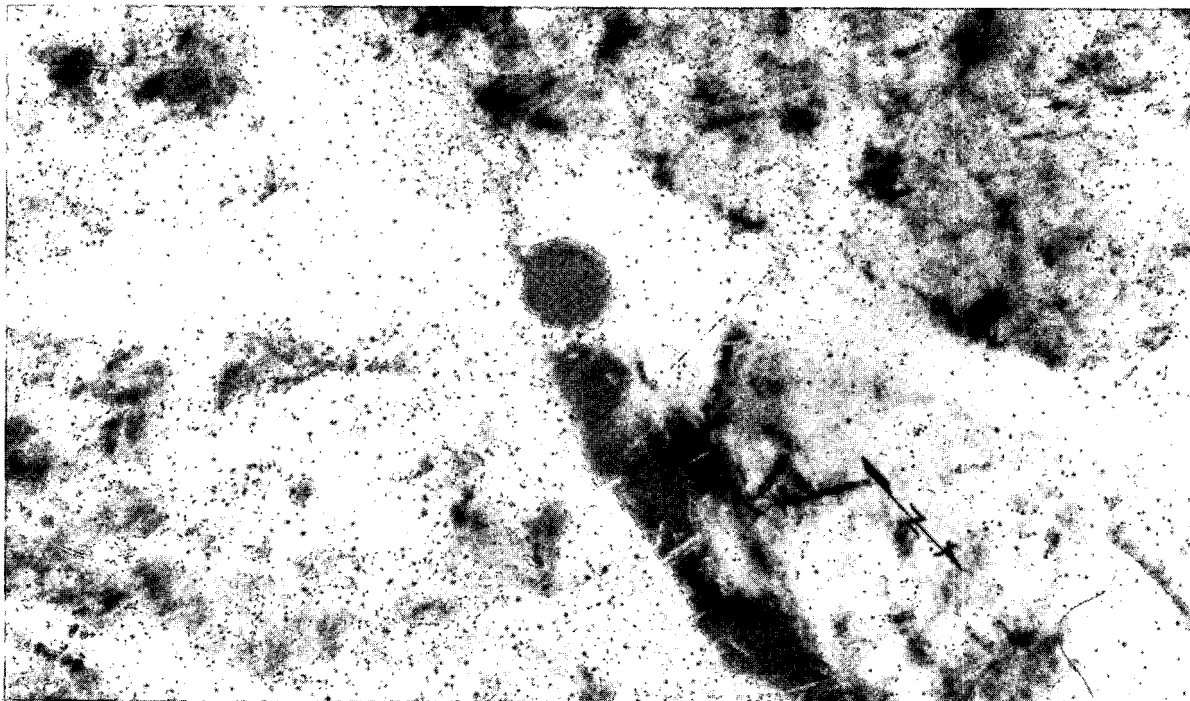
LENGTH	70' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	Undetermined
TYPE	Deck	LENGTH OF EACH SPAN	Undetermined

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Ban Hang Xeung Hwy. Bridge No. 2 Bridge No. 17L on NE 48-15	Laos	16 38N - 106 28E XD 398519
MAP AMS 1501 (JOG) NE 48-15		BRIEF NO: PIB 65447 June 1966

LOCATION: 0.8 nm ENE of Ban Hang Xeung on Route 9.

DESCRIPTION:

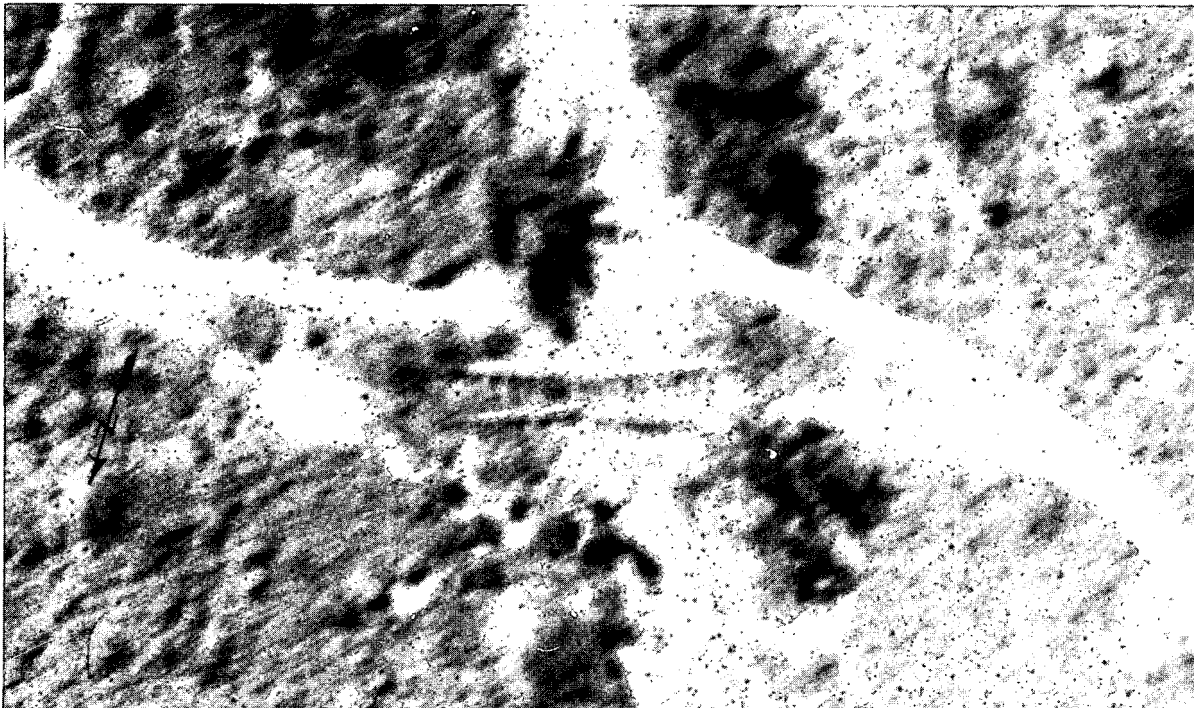
LENGTH	80' approx.	MATERIAL	Wood and concrete
WIDTH	10' approx.	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	40' approx.

STATUS:

Both spans dropped.

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Houay Hok Hwy. Bridge No. 3 Bridge No. 16L on NE 48-15	Laos	16 40N - 106 16E XD 358440
MAP AMS 1501 (JOG) NE 48-15		BRIEF NO: PIB 65448 June 1966

25X1

LOCATION: 0.7 nm SSW of Ban Houay Hok on Route 9.

DESCRIPTION:

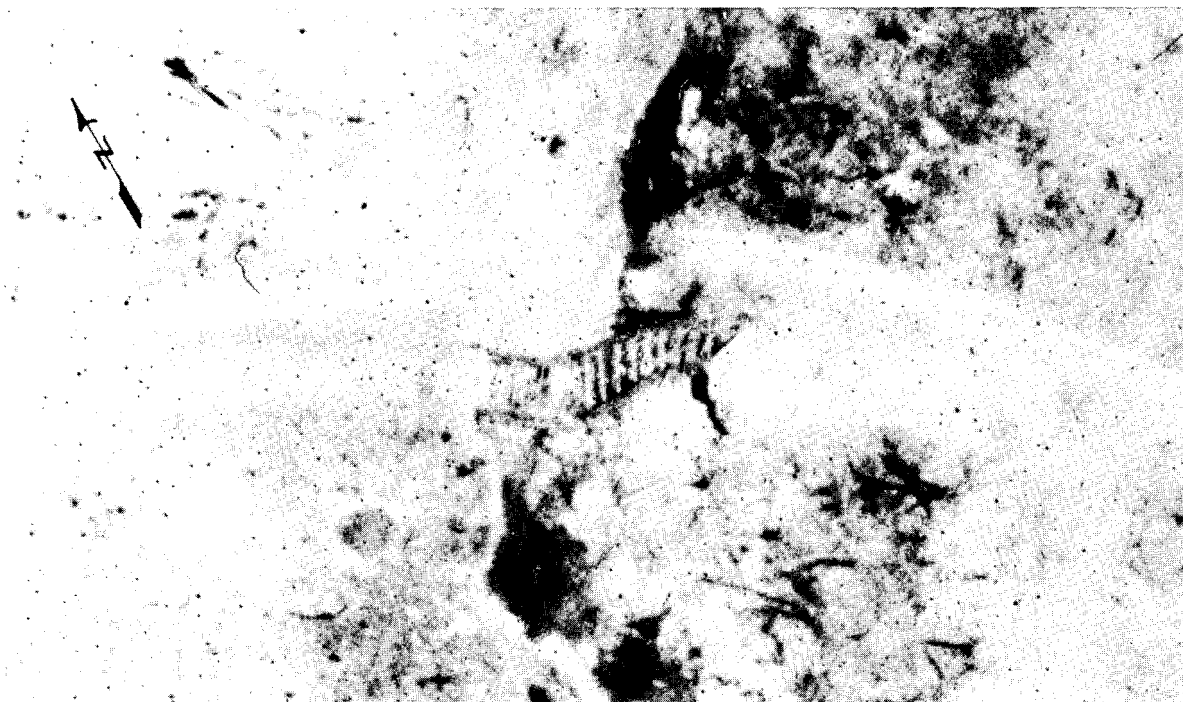
LENGTH	75' approx.	MATERIAL	Wood and concrete
WIDTH	10' approx.	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	25' approx.

STATUS:

2 spans dropped, 1 span severely damaged, 1 pier destroyed.

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Sepone Hwy. Bridge No. 3 Bridge No. 15L on NE 48-15	Laos	16 41N - 106 16E XD 343446
		BRIEF NO: PIB 65449 June 1966
MAP AMS 1501 (JOG) NE 48-15		

LOCATION: 0.8 nm E of Sepone on Route 9.

DESCRIPTION:

25X1

LENGTH 45' approx.  
WIDTH   
TYPE Deck

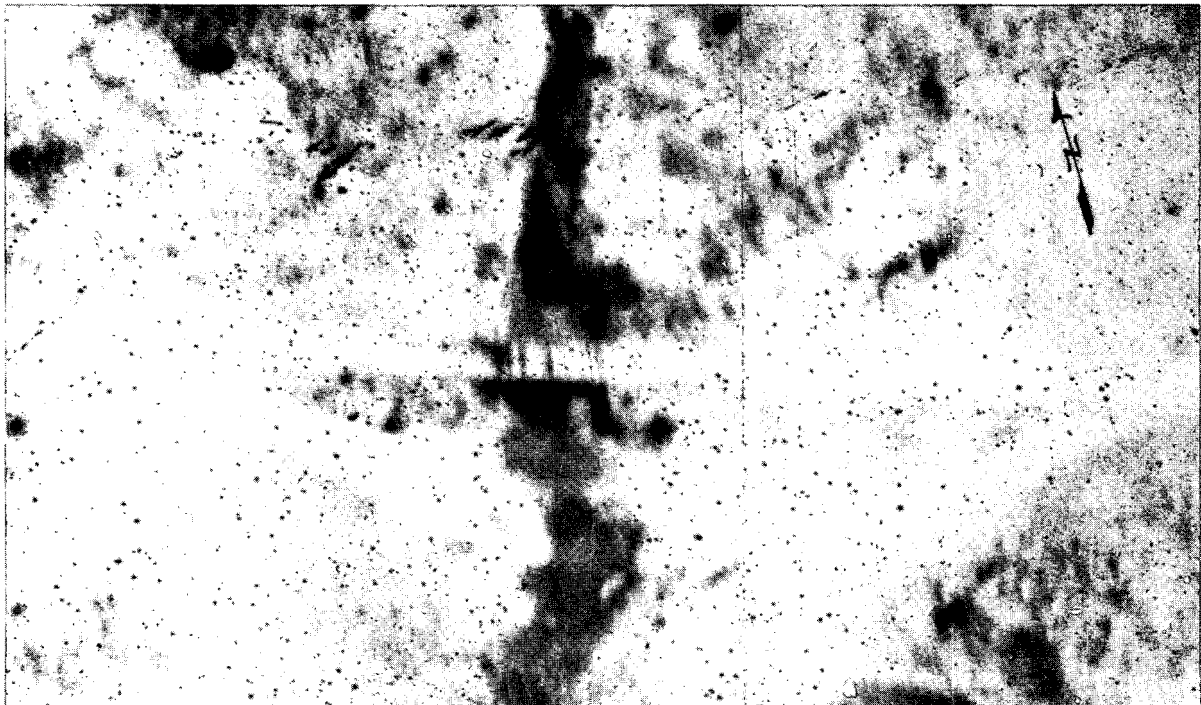
MATERIAL Wood and concrete  
NO. OF SPANS 3  
LENGTH OF EACH SPAN 15' approx.

STATUS:

All spans severely damaged.

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Sepone Hwy. Bridge No. 2 Bridge No. 14L on NE 48-15	Laos	16 41N - 106 15E XD 328454
MAP AMS 1501 (JOG) NE 48-15		BRIEF NO: PIB 65450 June 1966

25X1

LOCATION: 0.3 nm NE of Sepone on Route 9.

DESCRIPTION:

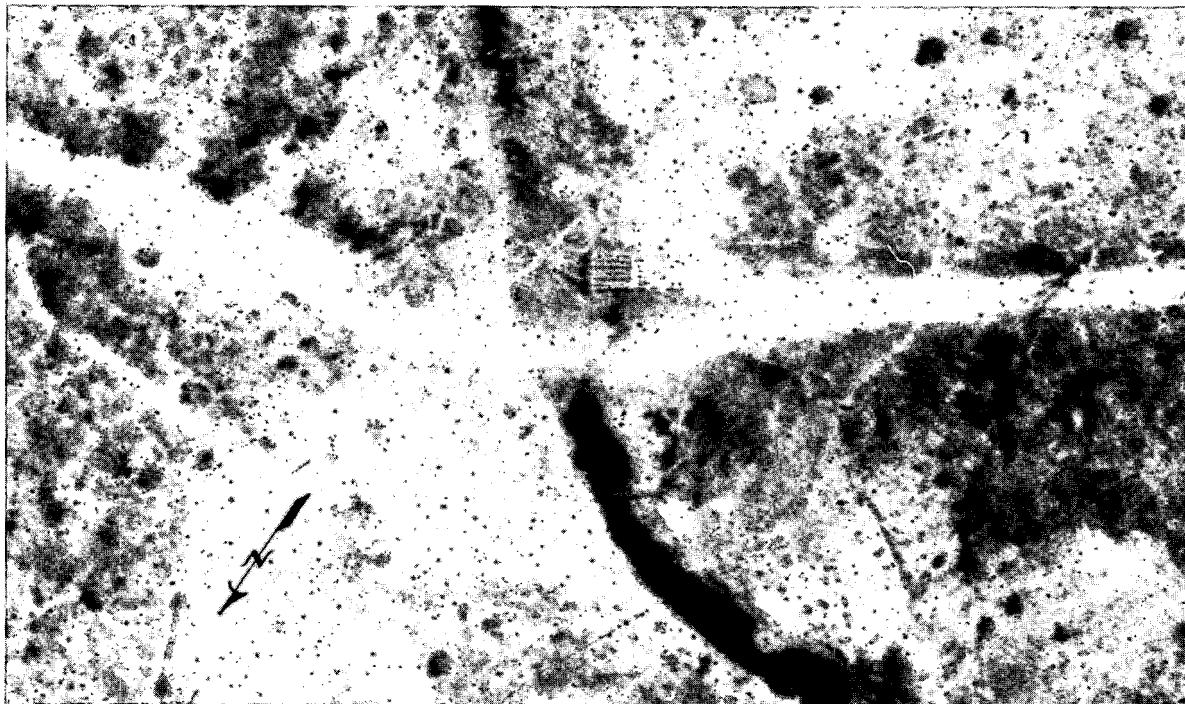
LENGTH	15' approx.	MATERIAL	Wood and concrete
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	15' approx.

STATUS:

Span destroyed; abutments intact.

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
automatic  
downgrading and declassification



**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Bang Hang Hwy. Bridge No. 2 Bridge No. 12L on NE 48-15	Laos	16 35N - 106 26E XD 520336
25X1 <input type="text"/>		BRIEF NO: PIB 65451 June 1966
MAP	AMS 1501 (JOG) NE 48-15	

LOCATION: 0.2 nm S of Bang Hang on Route 92.

DESCRIPTION:

25X1

LENGTH   
 WIDTH 10' approx.  
 TYPE Deck

MATERIAL Wood  
 NO. OF SPANS 5 probable  
 LENGTH OF EACH SPAN

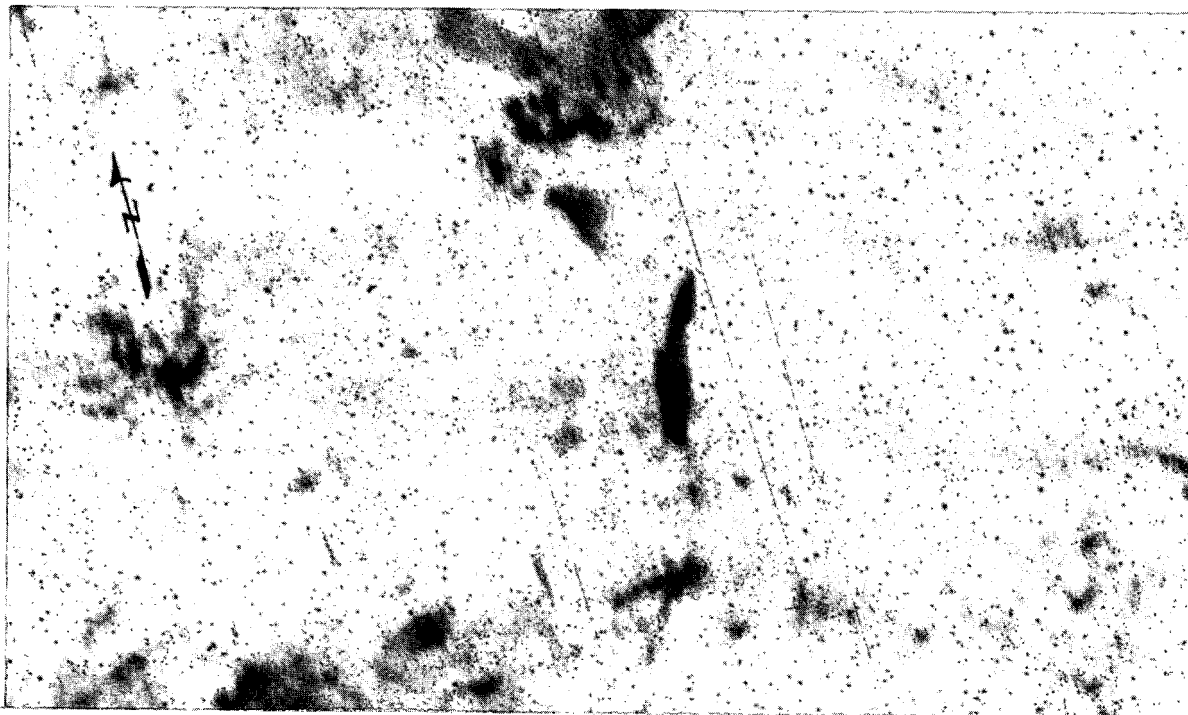
25X1

STATUS:

3 spans destroyed; 2 spans damaged

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
 Excluded from automatic  
 downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Ban Hane Xenne Hwy. Bridge Bridge No. 11L on NE 48-15	Laos	16 38N - 106 26E XD 518397
		BRIEF NO: PIB 65452
MAP AMS 1501 (JOG) NE 48-15		June 1966

LOCATION: 1.1 nm ENE of Ban Hane Xenne on Route 9.

DESCRIPTION:

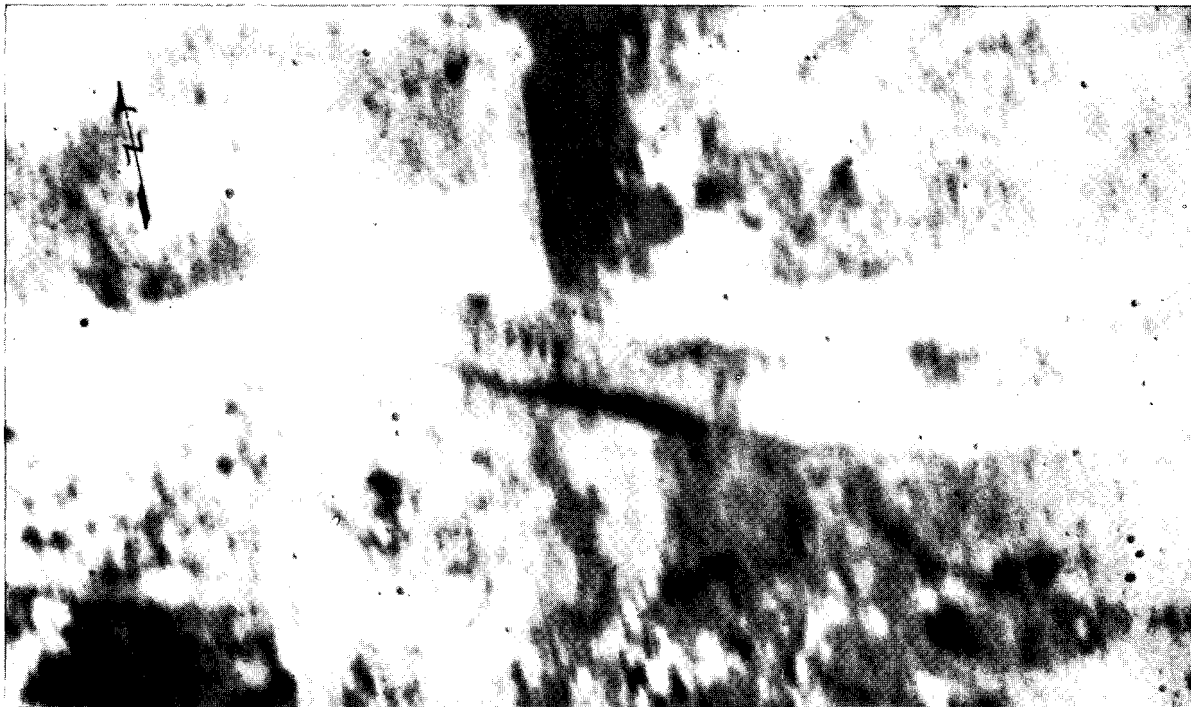
LENGTH	120' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	60' approx.

STATUS:

Heavily damaged

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Ban Hang Hwy. Bridge No. 1 Bridge No. 10L on NE 48-15	Laos	16 38N - 106 24E XD 488407
MAP AMS 1501 (JOG) NE 48-15		BRIEF NO: PIB 65453 June 1966

LOCATION: 0.9 nm S of Ban Hang on Route 9.

DESCRIPTION:

25X1

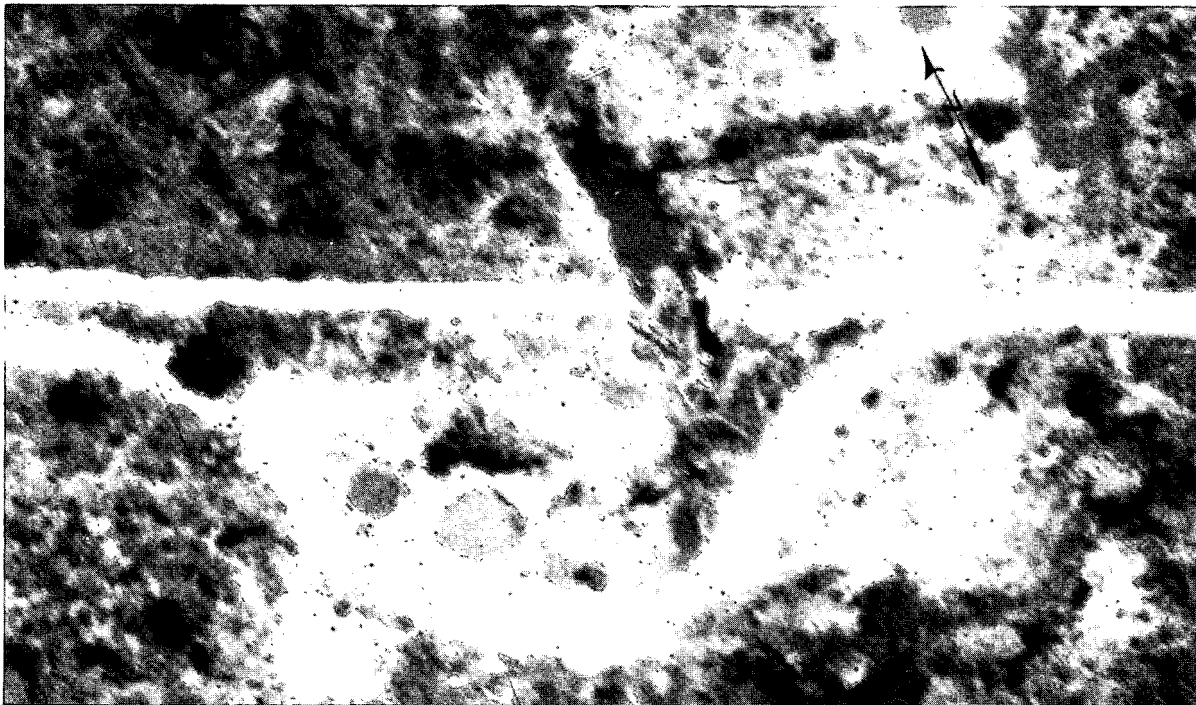
LENGTH	25' approx.	MATERIAL	Wood
WIDTH	<input type="text"/>	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	25' approx.

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Alai Gnai Hwy. Bridge Bridge No. 9L on NE 48-15	Laos	16 38N - 106 22E XD 456408
		BRIEF NO: PIB 65454 June 1966
MAP AMS 1501 (JOG) NE 48-15		

25X1

LOCATION: 2.0 nm S of Ban Alai Gnai on Route 9.

DESCRIPTION:

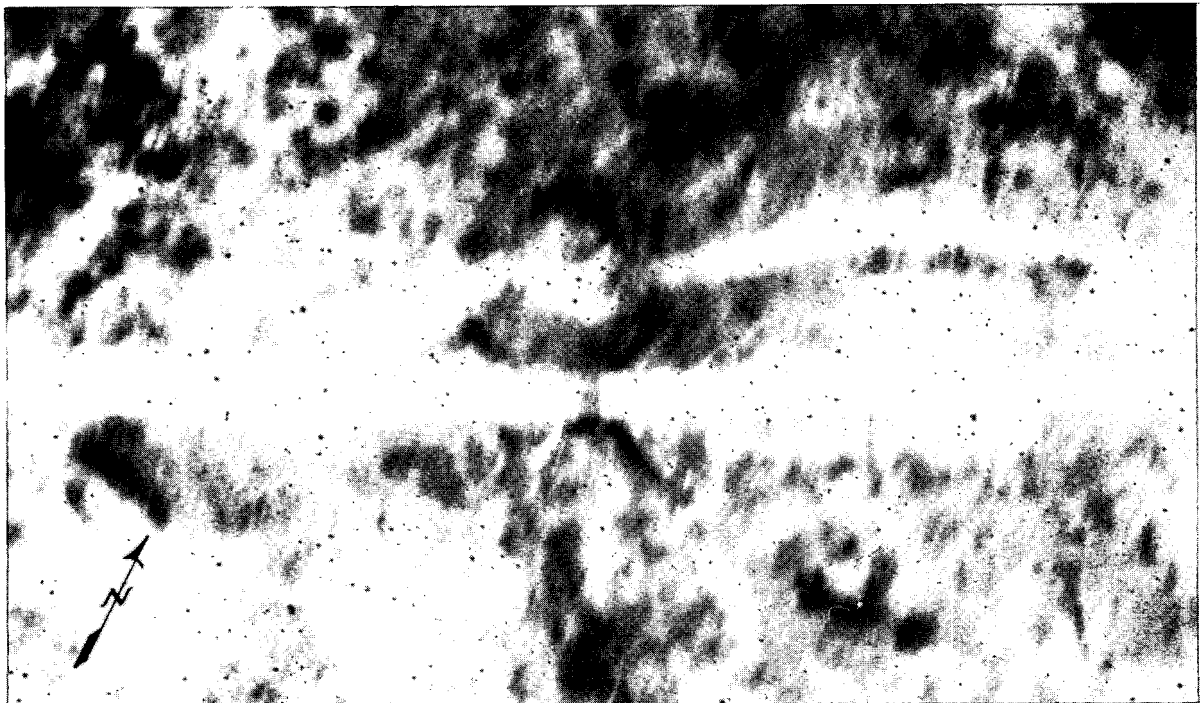
LENGTH	10' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	10' approx.

STATUS:

Damaged span

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Muangohan Hwy. Bridge No. 2 Bridge No. 8L on NE 48-15	Laos	16 39N - 106 20E XD 428415
25X1 MAP AMS 1501 (JOG) NE 48-15		BRIEF NO: PIB 65455 June 1966

LOCATION: 2.8 nm E of Ban Muangohan on Route 9.

DESCRIPTION:

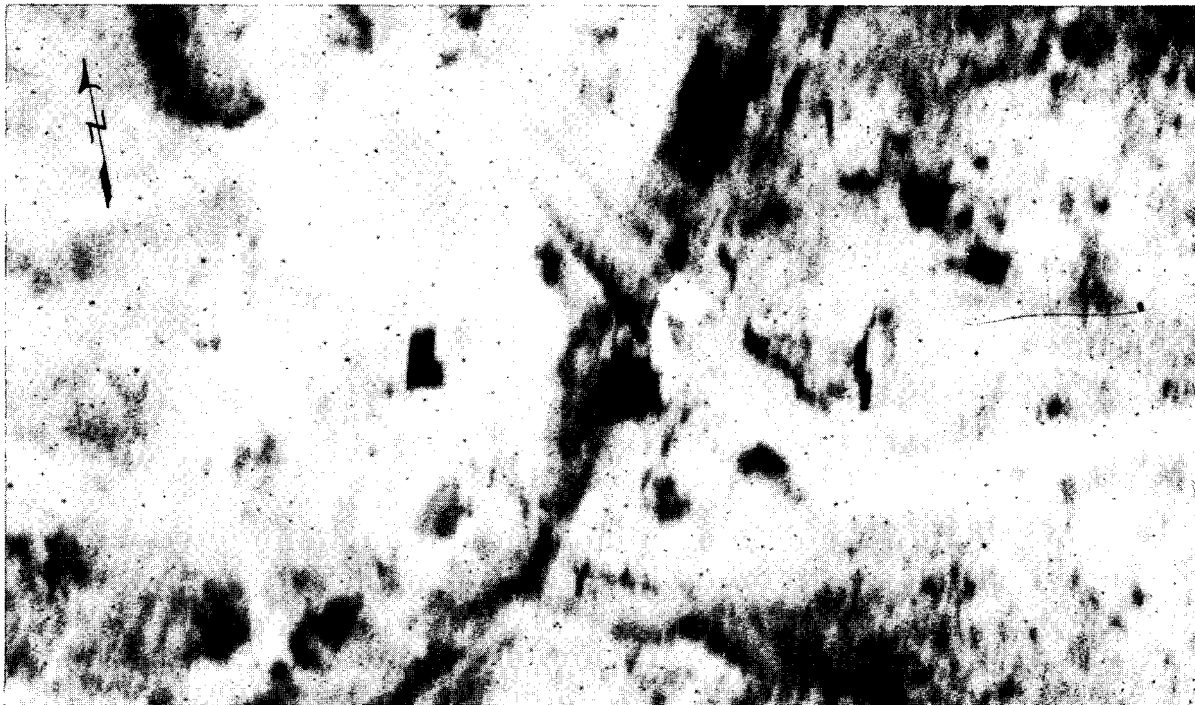
LENGTH	200' approx.	MATERIAL	Concrete and steel
WIDTH	10' approx.	NO. OF SPANS	4
TYPE	Deck	LENGTH OF EACH SPAN	50' approx.

STATUS:

All spans destroyed; 1 pier partially damaged.

COMPENSATIVE ACTION:

2 fords



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Muangohan Hwy. Bridge No. 1 Bridge No. 7L on NE 48-15	Laos	16 39N - 106 18E XD 396425
[REDACTED]		BRIEF NO: PIB 65456 June 1966
MAP	AMS 1501 (JOG) NE 48-15	

25X1

LOCATION: 0.6 nm E of Ban Muangohan on Route 9.

DESCRIPTION:

25X1

LENGTH [REDACTED]  
WIDTH [REDACTED]  
TYPE 10' approx.  
Deck

MATERIAL Concrete and steel  
NO. OF SPANS 2  
LENGTH OF EACH SPAN [REDACTED]

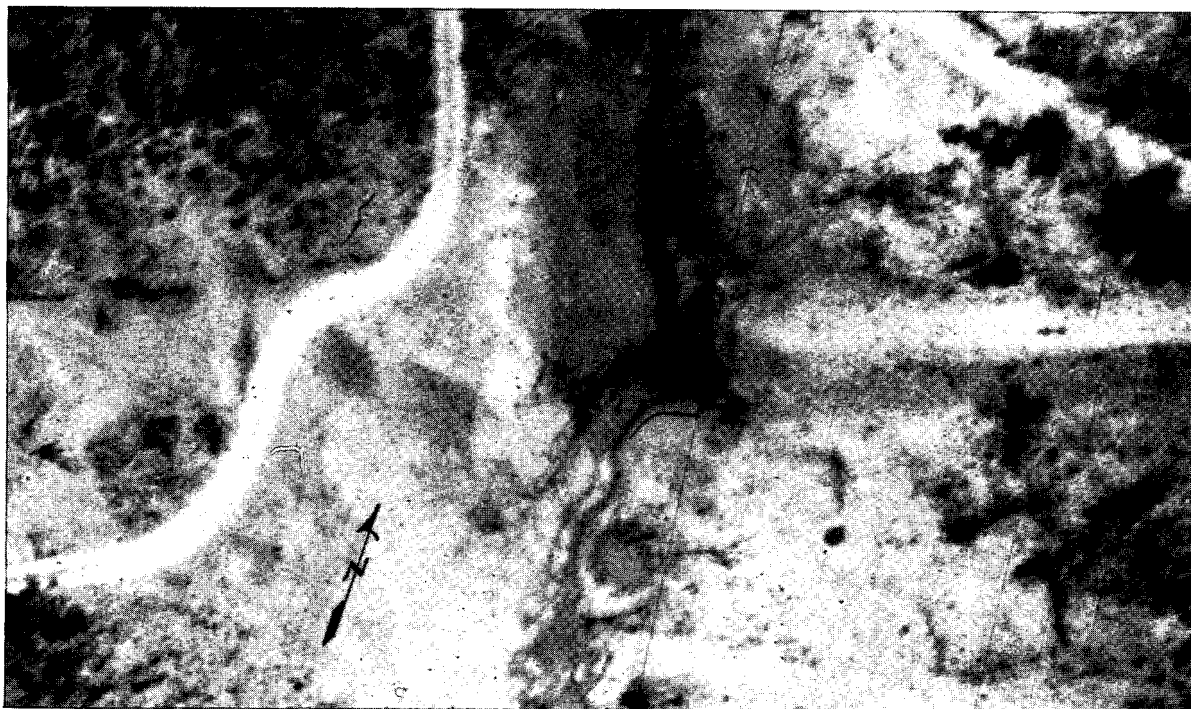
25X1

STATUS:

Spans dropped; abutments appear destroyed.

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Houay Hok Hwy. Bridge No. 2 Bridge No. 6L on NE 48-15	Laos	16 40N - 106 17E XD 368438
MAP AMS 1501 (JOG) NE 48-15		BRIEF NO: PIB 65457 June 1966

25X1

LOCATION: 1.0 nm SE of Ban Houay Hok on Route 9.

DESCRIPTION:

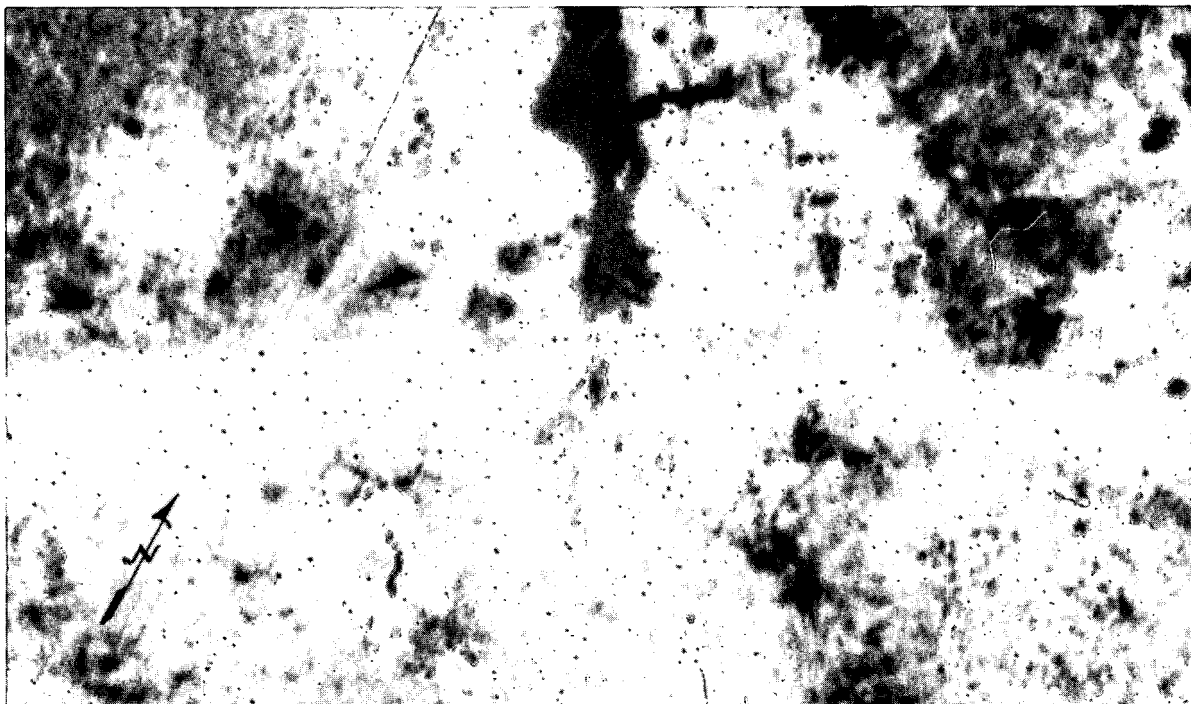
LENGTH	50' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	probably 2
TYPE	Deck	LENGTH OF EACH SPAN	25' approx.

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Ban Houay Hok Hwy. Bridge No. 1 Bridge No. 5L on NE 48-15	Laos	16 40N - 106 16E XD 357442
MAP AMS 1501 (JOG) NE 48-15		BRIEF NO: PIB 65458 June 1966

LOCATION: 0.8 nm S on Route 9.

DESCRIPTION:

LENGTH 30' approx.  
WIDTH 10' approx.  
TYPE Deck

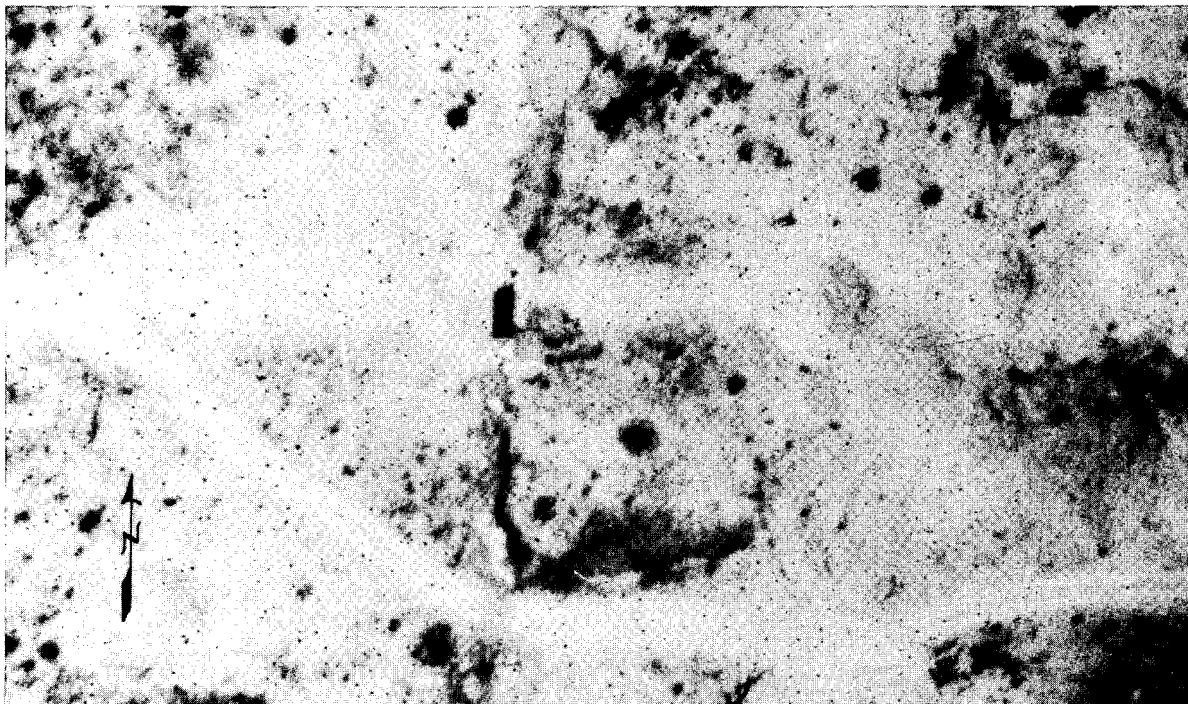
MATERIAL Wood and concrete  
NO. OF SPANS 1  
LENGTH OF EACH SPAN 30' approx.

STATUS:

Destroyed.

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification



**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Dao Nguyen Hwy. Bridge over  
Dai Giang   
Bridge No. 46 on NE 48-7

COUNTRY  
North Vietnam

COORDINATES  
18 02N - 106 24E  
XE 489940

25X1

MAP AMS L509 NE 48-7

BRIEF NO:  
PIB 65459  
June 1966

LOCATION: 0.8 nm SW of Dao Nguyen on Route 1A.

DESCRIPTION:

LENGTH 60' approx.  
WIDTH 10' approx.  
TYPE Deck

MATERIAL Timber  
NO. OF SPANS 3  
LENGTH OF EACH SPAN 20' approx.

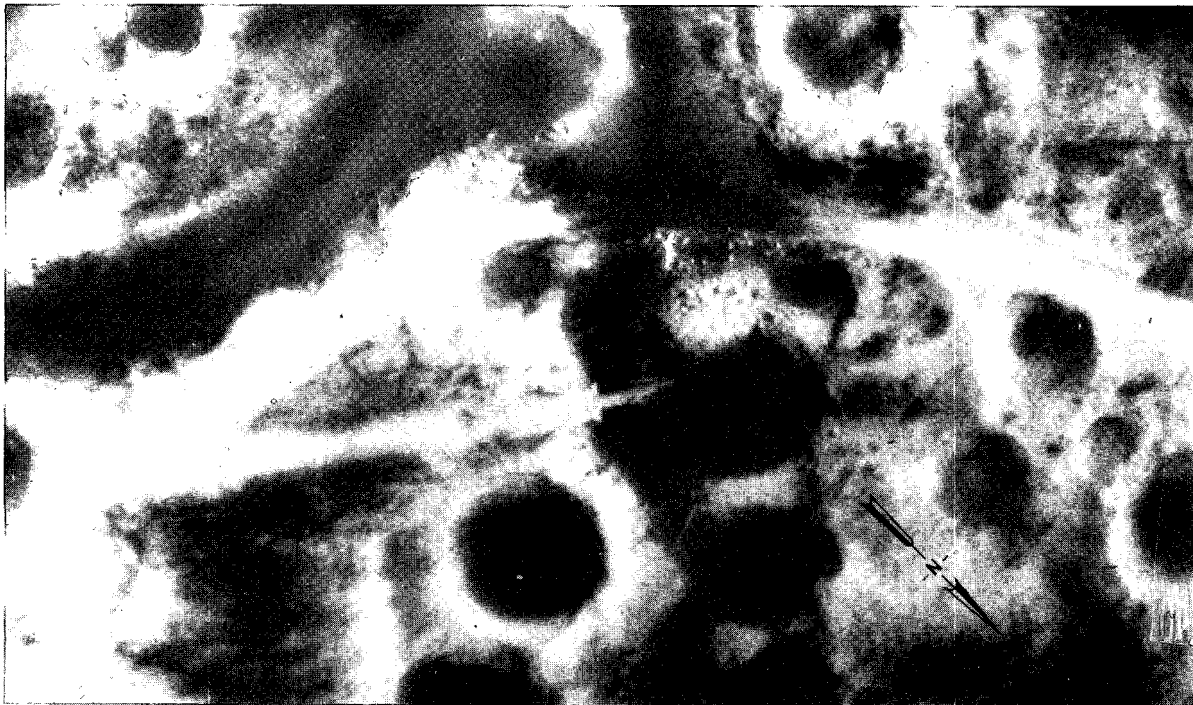
STATUS:

Destroyed, except for 1 abutment and 1 severely damaged span.

COMPENSATIVE ACTION:

Existing ford.  
Bridge was under probable reconstruction from previous bombing when hit this time.

25X1



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

25X1

NAME	COUNTRY	COORDINATES
Thai Binh Hwy. Bridge over Song Tra Ly <input type="text"/> Bridge No. 19 on NF 48-15	North Vietnam	20 27N - 106 21E XH 414621
MAP JOG (A) 1501 NF 48-15		BRIEF NO: PIB 65460 December 1966

LOCATION: At Thai Binh on Route 10.

DESCRIPTION:

25X1

LENGTH <input type="text"/>	MATERIAL Steel and concrete
WIDTH <input type="text"/>	NO. OF SPANS 5
TYPE Combination half-through arch truss (3 spans)/half through truss (1 span)/suspension (1 span)	LENGTH OF EACH SPAN <input type="text"/>

25X1

STATUS:

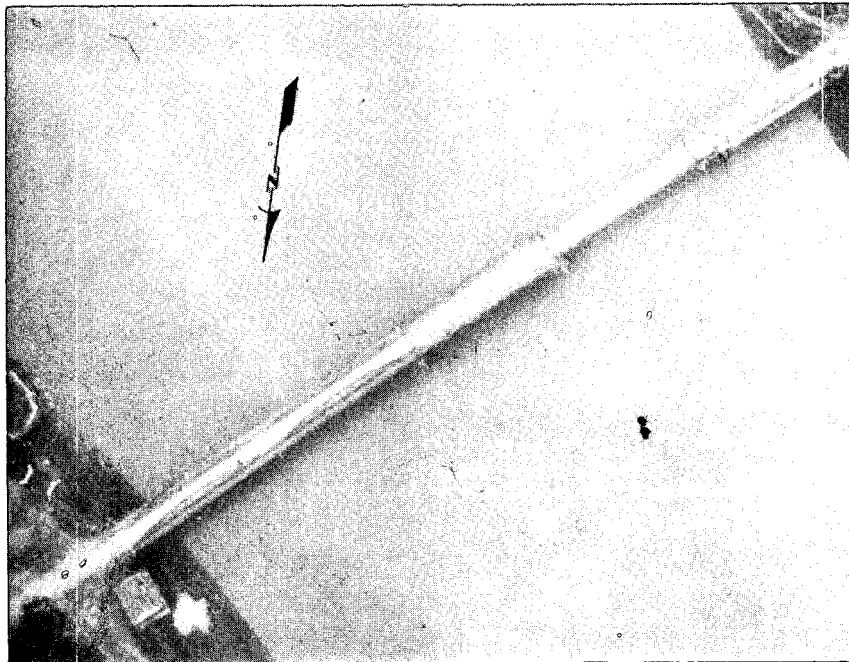
Pre-strike.

COMPENSATIVE ACTION:

NA

**VITAL RECORDS COPY**

Note: This is a corrected copy of PIR 65460, May 1965; destroy all copies of the previous PIB.



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Xom Ca Dinh Hwy. Bridge over stream <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span> Bridge No. 6 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 48N - 105 47E WE 828696
---	--------------------------	--

25X1

MAP AMS L509 NE 48-11	BRIEF NO: PIB 65461 June 1966
-----------------------	-------------------------------------

LOCATION: At Xom Mon on Route 15.

DESCRIPTION:

LENGTH 25' approx.  
WIDTH 15' approx.  
TYPE Deck

MATERIAL Probable concrete and timber  
NO. OF SPANS 1  
LENGTH OF EACH SPAN 25' approx.

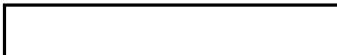
STATUS:

Repaired - serviceable

COMPENSATIVE ACTION:

Ford

25X1



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Ban Houei Cu Hwy. Bridge Bridge No. 7 on NE 48-2	North Vietnam	19 19N - 104 20E VG 292357
MAP AMS 1509 NE 48-2		BRIEF NO: PIB 65462 May 1966

LOCATION: 1 nm NW of Ban Houei Cu on Route 7.

DESCRIPTION:

LENGTH 120' approx.  
WIDTH 15' approx.  
TYPE Deck

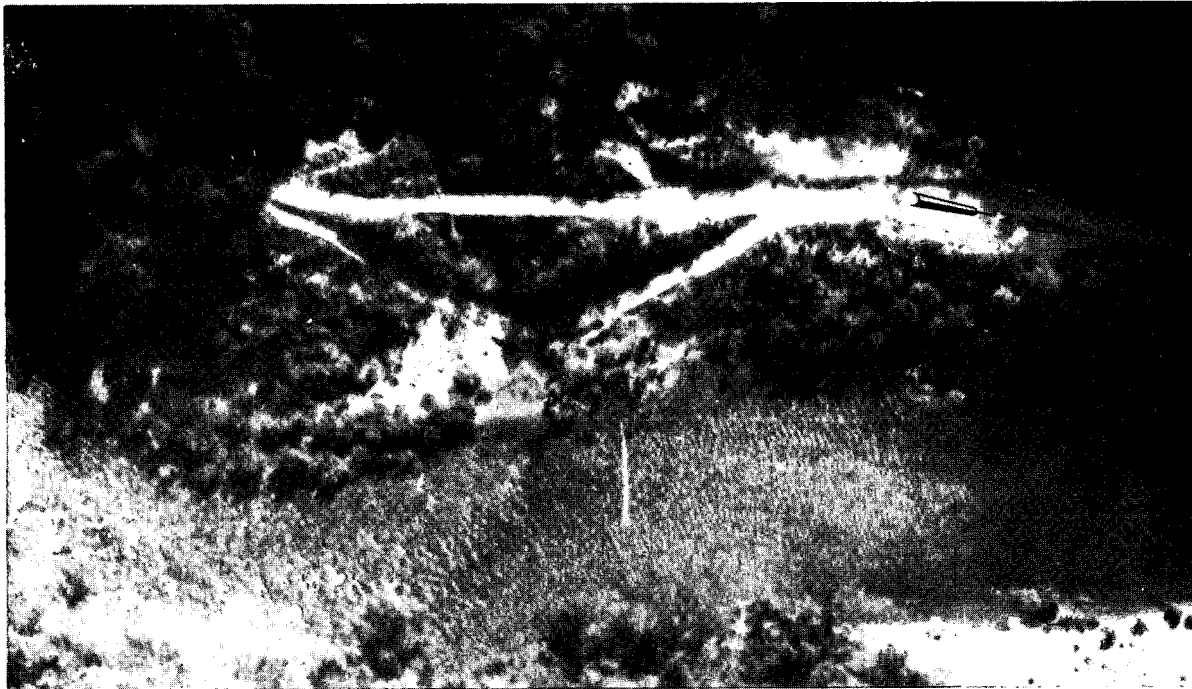
MATERIAL Concrete  
NO. OF SPANS 3  
LENGTH OF EACH SPAN 1 @ 60' approx.  
2 @ 30' approx.

STATUS:

Pre-strike.

COMPENSATIVE ACTION:

N/A



~~CONFIDENTIAL~~

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

25X1

25X1

NAME	Xom Thai Xa Hwy. Bridge	COUNTRY		COORDINATES	
	<input type="text"/>		North Vietnam	18 40N - 105 36E	
	Bridge No. 25 on NE 48-7			WF 642651	
	<input type="text"/>			BRIEF NO:	
	<input type="text"/>			PIB 65463	
MAP	AMS L509 NE 48-7			June 1966	

LOCATION: 0.5 nm NE of Xom Thai Xa on Route 15.

DESCRIPTION:

LENGTH	120' approx.	MATERIAL	Concrete and steel
WIDTH	15' approx.	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	40' approx.

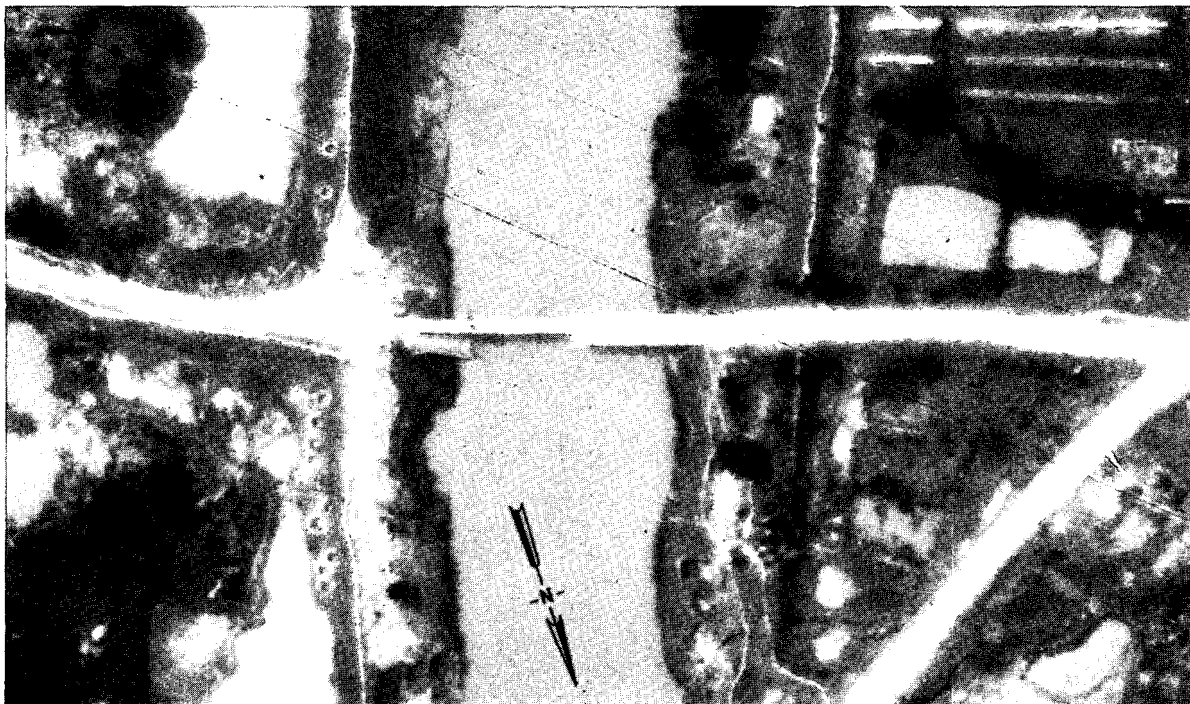
STATUS:

Bridge is repaired and is serviceable.

COMPENSATIVE ACTION:

A five span wood bridge segment has been built to replace the two spans which were destroyed.

25X1



~~CONFIDENTIAL~~

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Ta Lak Hwy. Bridge Bridge No. 1L on NE 48-11	Laos	17 34N - 105 37E WE 669438
25X1 MAP AMS JOG 1501 NE 48-11		BRIEF NO: PIB 65464 June 1966

LOCATION: At Ban Ta Lak on Route 12.

DESCRIPTION:

LENGTH 35' approx.

WIDTH

TYPE

[Redacted Box]  
Deck

MATERIAL Wood

NO. OF SPANS 1

LENGTH OF EACH SPAN

35' approx.

STATUS:

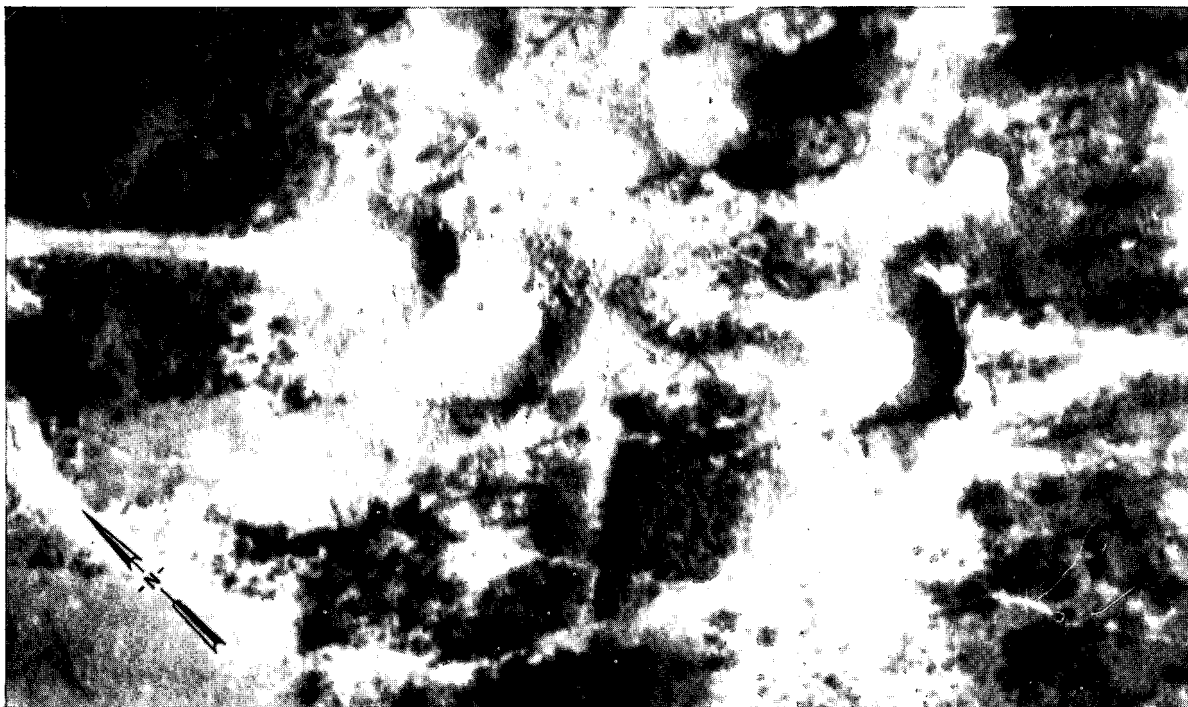
Bridge destroyed.

COMPENSATIVE ACTION:

Ford

25X1

[Redacted Box]



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Na Thinh Hwy. Bridge No. 3 Bridge No. 20L on NE 48-11	Laos	17 34N - 105 36E WE 645438
25X1		BRIEF NO: PIB 65465 June 1966
MAP AMS JOG (A) 1501 NE 48-11		

LOCATION: 0.1 nm E of Ban Na Thinh on Route 12.

DESCRIPTION:

LENGTH	25' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	25' approx.

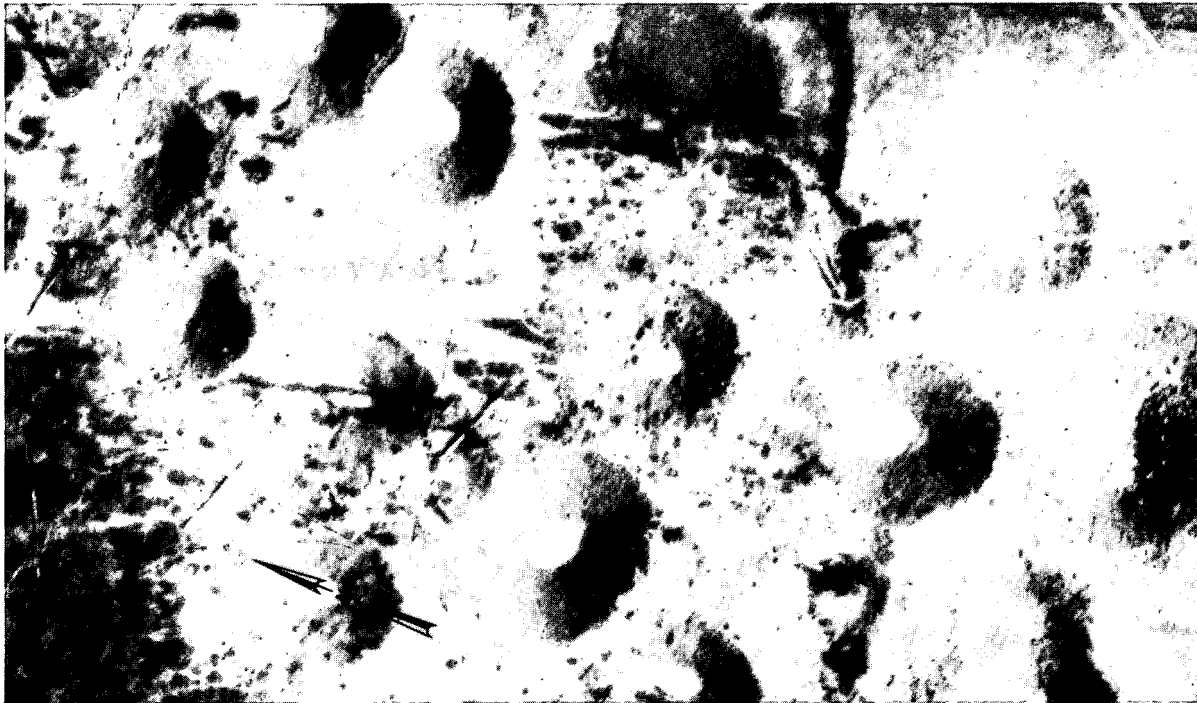
STATUS:

Bridge destroyed; approaches interdicted.

COMPENSATIVE ACTION:

Ford

25X1



**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Ban Ca Tang Hwy. Bridge Bridge No. 6 on NE 48-2	North Vietnam	19 20N - 104 18E VG 264376
MAP AMS L509 NE 48-2		BRIEF NO: PIB 65466 June 1966

LOCATION: At Ban Ca Tang on Route 7.

DESCRIPTION:

LENGTH	120' approx.	MATERIAL	Concrete
WIDTH	10' approx.	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	60' approx.

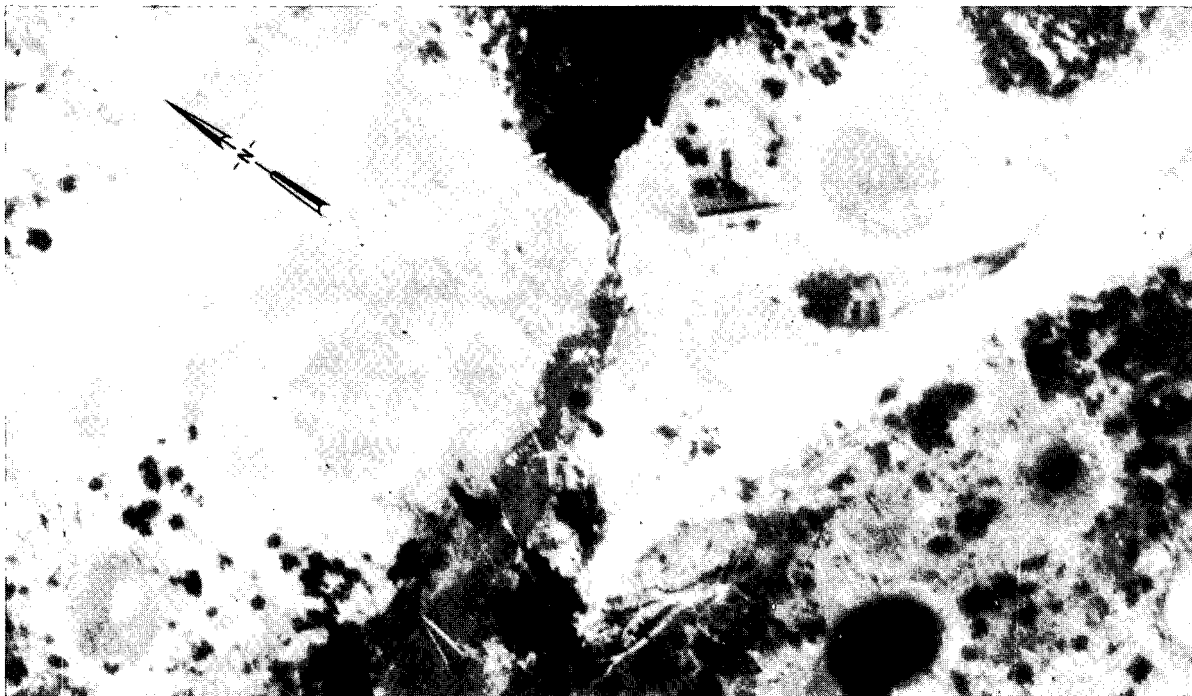
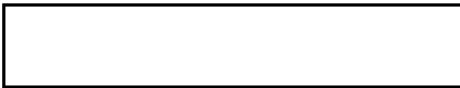
STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

Ford 150' NE; probable by-pass bridge under construction 300' SW

25X1





**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Ban Ta Xa Hwy. Bridge over stream [redacted] Bridge No. 15 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 18N - 104 20E VG 305334
--	--------------------------	--

25X1

MAP AMS L509 NE 48-2	BRIEF NO: PIB 65467 June 1966
-------------------------	-------------------------------------

LOCATION: 1 nm SE of Ban Ta Xa on Route 7.

DESCRIPTION:

25X1

LENGTH [redacted]  
WIDTH [redacted]  
TYPE Deck

MATERIAL Concrete  
NO. OF SPANS 3  
LENGTH OF EACH SPAN [redacted]

25X1

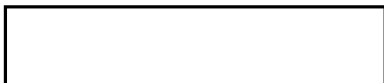
STATUS:

Damage to span and abutment repaired; bridge is now serviceable.

COMPENSATIVE ACTION:

Ford located 450' SW

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

25X1

NAME Ban Houei Cui Hwy. Bridge over stream <input type="text"/> Bridge No. 7 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 19N - 104 20E VG 292357
<input type="text"/>		BRIEF NO: PIB 65468 June 1966
MAP AMS 1509 NE 48-2		

LOCATION: 1.0 nm NW of Ban Houei Cui on Route 7.

DESCRIPTION:

LENGTH	120' approx.	MATERIAL	Concrete
WIDTH	15' approx.	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	1 @ 60' approx. 2 @ 30' approx.

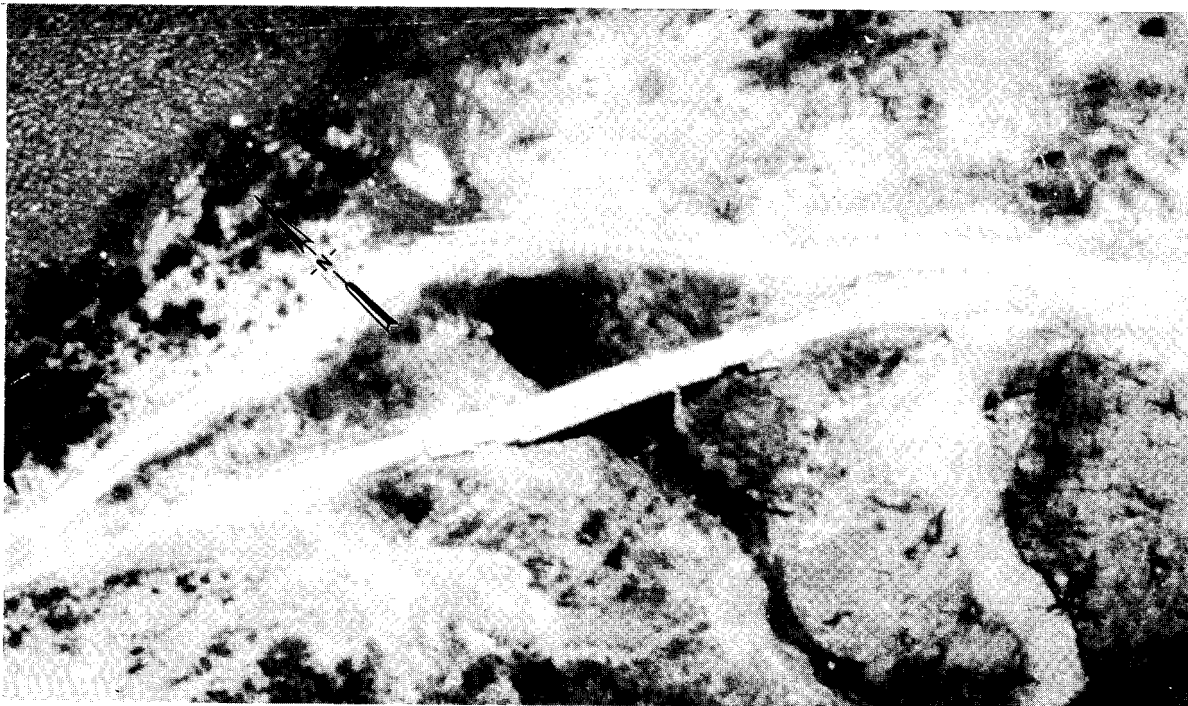
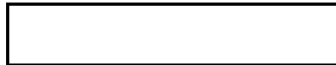
STATUS:

One 30' span destroyed; one 30' and the 60' spans damaged; and one pier damaged.

COMPENSATIVE ACTION:

Causeway and culvert located 100' north.

25X1



**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Pho Hop RR. Bridge over Ngoi Hop <input type="text"/>	COUNTRY	North Vietnam	COORDINATES	21 49N - 104 45E VK 752127
		Bridge No. 26 on NF 48-10				
25X1	MAP	AMS L509 NF 48-10			BRIEF NO:	PIB 65469 June 1966

LOCATION: 2.3 nm NW of Lang Dang on Hanoi - Lao Cai Rail Line.

DESCRIPTION:

25X1	LENGTH	80' approx.	MATERIAL	Steel and concrete
	WIDTH	<input type="text"/>	NO. OF SPANS	1
	TYPE	Half-through truss	LENGTH OF EACH SPAN	80' approx.

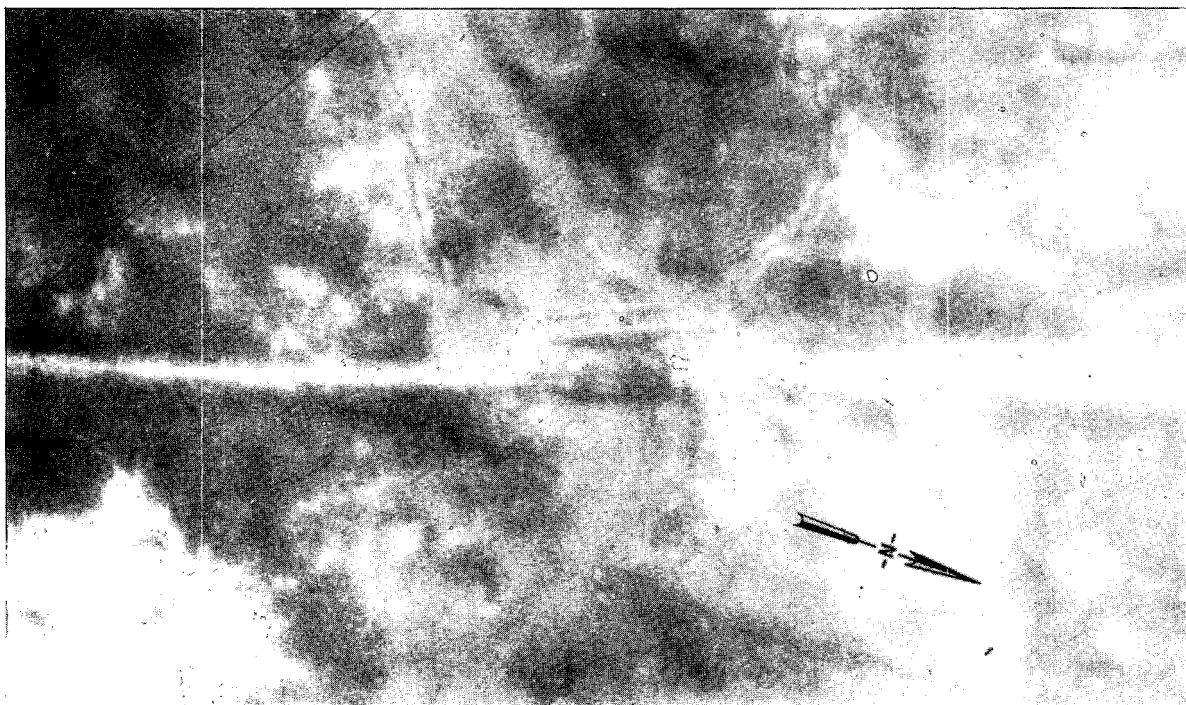
STATUS:

Bridge rebuilt and serviceable.

COMPENSATIVE ACTION:

Bridge rebuilt as a three span wooden deck bridge.

25X1



GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Ban Hang Kane Hwy. Bridge Bridge No. 24L on NE 48-11	Laos	17 35N - 105 28E WE 502444
MAP AMS JOG (A) 1501 NE 48-11		BRIEF NO: PIB 65470 June 1966

LOCATION: 0.3 nm S of Ban Hang Kane on Route 12.

DESCRIPTION:

LENGTH	20' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

STATUS:

Deck moderately damaged; abutments intact.

COMPENSATIVE ACTION:

By-pass ford



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Tuan Hwy. Bridge Bridge No. 23L on NE 48-11	Laos	17 30N - 105 25E WE 453352
25X1 <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px; vertical-align: middle;"></span>		BRIEF NO: PIB 65471 June 1966
MAP AMS JOG (A) Series 1501 NE 48-11		

LOCATION: 2.0 nm SW of Ban Tuan on Route 12.

DESCRIPTION:

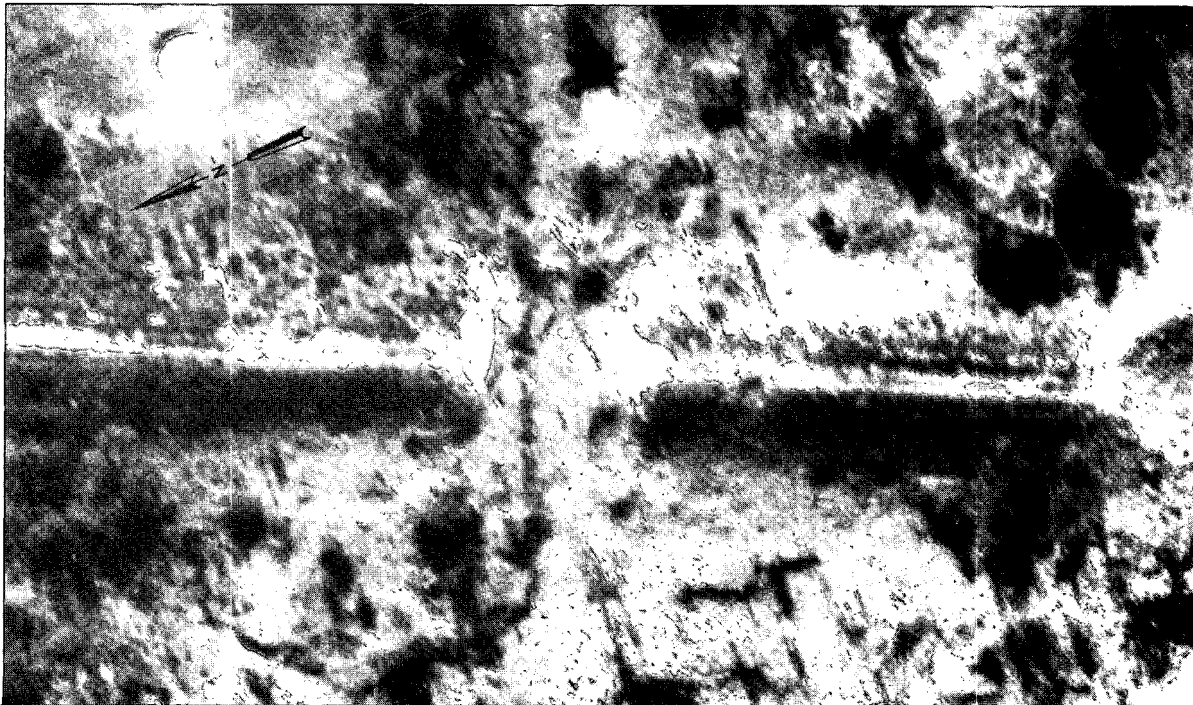
LENGTH	45' approx.	MATERIAL	Probable concrete and wood
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Undetermined	LENGTH OF EACH SPAN	45' approx.

STATUS:

Deck destroyed; abutments are intact.

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

GROUP 1  
 Excluded from automatic  
 downgrading and  
 declassification

~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Chieng Dong Hwy. Bridge over stream	COUNTRY		COORDINATES	
		Bridge No. 20 on NF 48-10		North Vietnam		21 06N - 104 14E VJ 210839
25X1	MAP	AMS L509 NF 48-10			BRIEF NO:	
						PIB 65472 August 1966

LOCATION: 0.3 nm W of Chieng Dong on Route 6.

DESCRIPTION:

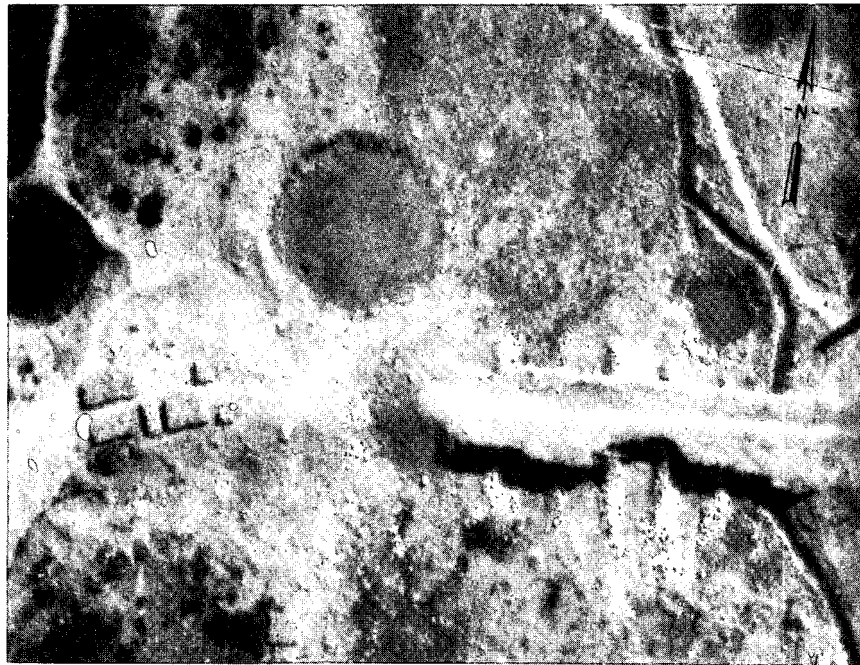
25X1	LENGTH		MATERIAL	Concrete
	WIDTH		NO. OF SPANS	8
25X1	TYPE	20' approx. Deck	LENGTH OF EACH SPAN	

STATUS:

2 spans destroyed; 3 spans partially damaged.

COMPENSATIVE ACTION:

Ford



~~CONFIDENTIAL~~

GROUP 1  
Excluded from automatic  
downgrading and declassification

~~CONFIDENTIAL~~  
**VITAL INTERESTS COPY**

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Xom Y Lanh Hwy. Bridge over Rao Cai Trib <input type="text"/> Bridge No. 2 on NE 48-11	COUNTRY	North Vietnam	COORDINATES	17 47N - 105 47E WE 832666	
	25X1	<table border="1" style="width: 100%;"> <tr> <td>MAP</td> <td>AMS I509 NE 48-11</td> </tr> </table>			MAP	AMS I509 NE 48-11	BRIEF NO:
MAP	AMS I509 NE 48-11						

LOCATION: 1 nm S of Xom Y Lanh on Route 15.

DESCRIPTION:

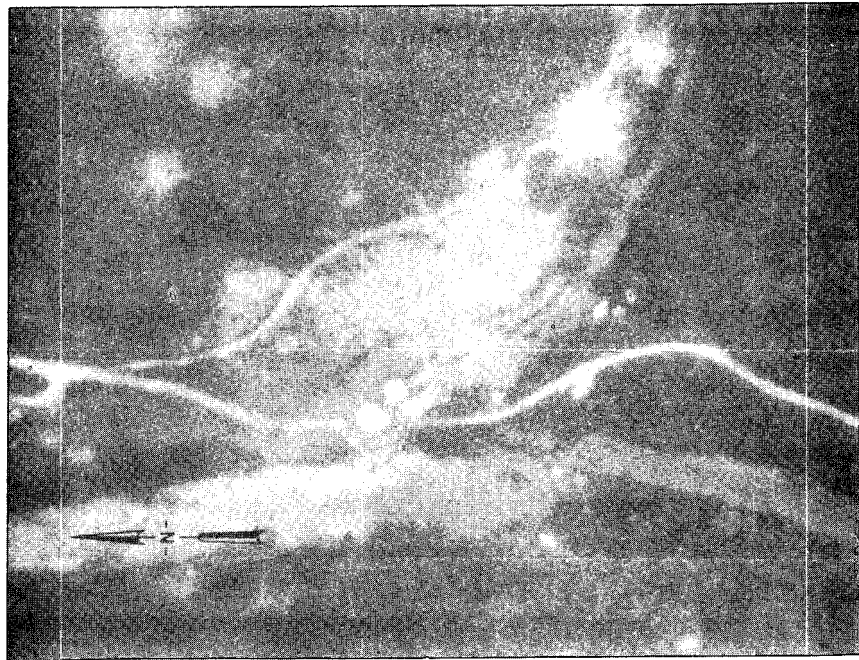
25X1	LENGTH	85' approx.	MATERIAL	Wood and concrete
	WIDTH	<input type="text"/>	NO. OF SPANS	1
	TYPE	Deck	LENGTH OF EACH SPAN	85' approx.

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

Ford



~~CONFIDENTIAL~~

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Nhiep Xa Hwy. Bridge Bridge No. 77 on NE 48-7	North Vietnam	18 23N - 105 50E WF 890330
25X1 [REDACTED]		BRIEF NO: PIB 65474
MAP AMS I509 NE 48-7		June 1966

LOCATION: 0.2 nm S of Nhiep Xa on Route 1A.

DESCRIPTION:

LENGTH	60' approx.	MATERIAL	Concrete probable
WIDTH	10' approx.	NO. OF SPANS	3 probable
TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

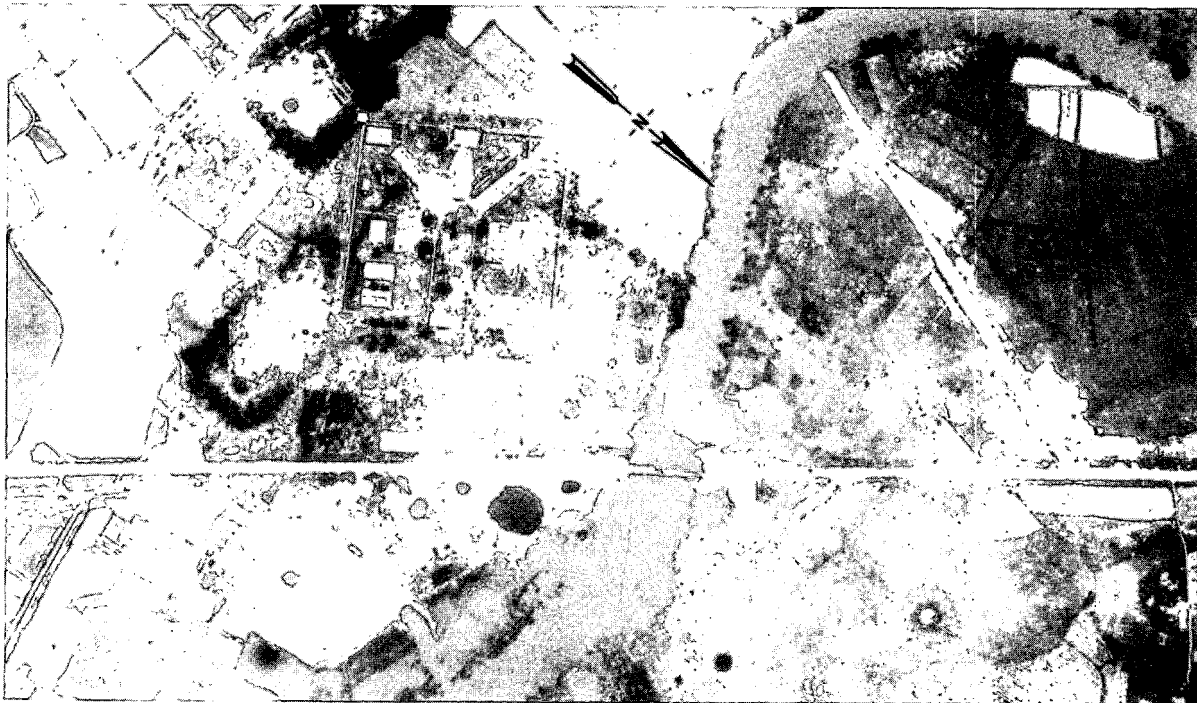
STATUS:

1 abutment destroyed; 1 span dropped; 1 span severely damaged.

COMPENSATIVE ACTION:

By-pass road and probable ford.

25X1



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification



CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Vinh Luu Hwy. Bridge over Song Chau Lam <input type="text"/>	COUNTRY		COORDINATES	18 20N - 105 53E WF 928276
		Bridge No. 31 on NE 48-7		North Vietnam		
25X1		<input type="text"/>			BRIEF NO:	PIB 65474 July 1966
	MAP	AMS I509 NE 48-7				

LOCATION: At Vinh Lun (Vinh Luu) on Route 15.

DESCRIPTION:

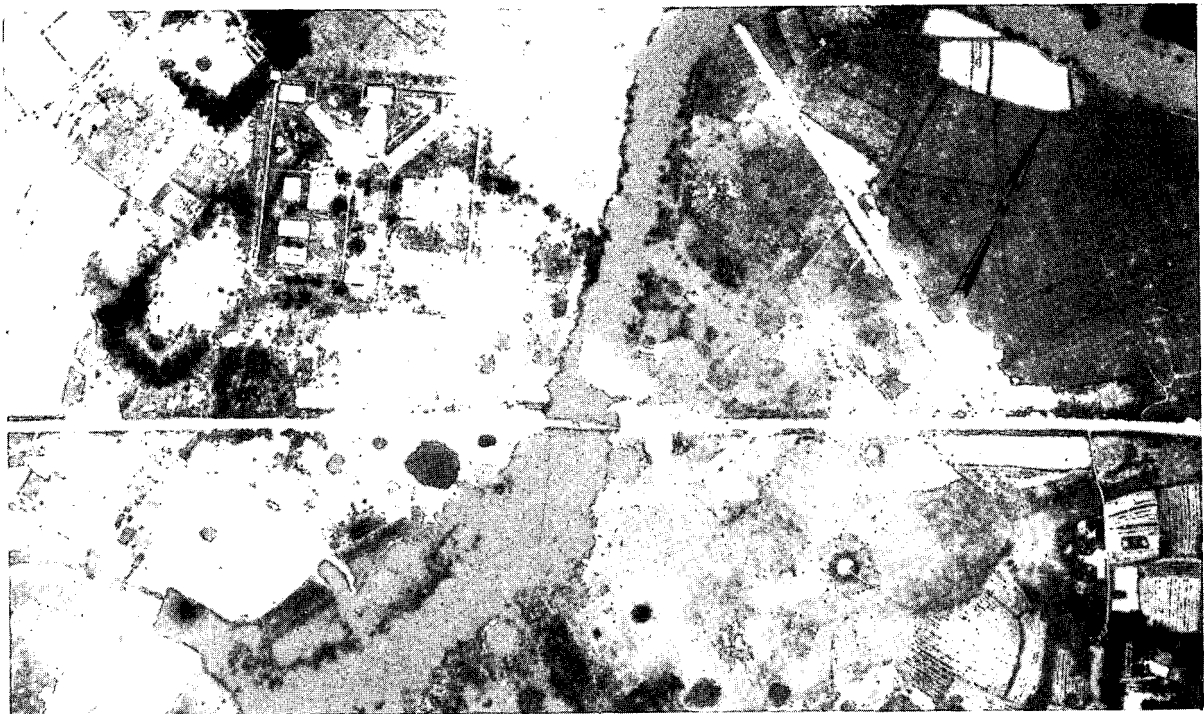
25X1	LENGTH	120' approx.	MATERIAL	Wood and concrete
	WIDTH	<input type="text"/>	NO. OF SPANS	6 probable
	TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

STATUS: 3 spans destroyed; 1 abutment destroyed.

COMPENSATIVE ACTION:

By-pass road.

25X1 NOTE: This PIB replaces PIB 65474



**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Tam Da RR. and Hwy. Bridge over Song Cha Lo <input type="text"/> Bridge No. 18 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 50N - 105 39E WF 689840
--	--------------------------	--

25X1

<input type="text"/>	BRIEF NO: PIB 65475 June 1966
MAP AMS L509 NE 48-7	

LOCATION: 2.3 nm NE of Tam Da on the Hanoi-Vinh Rail Line.

DESCRIPTION:

LENGTH	360' approx.	MATERIAL	Wood, concrete and steel
WIDTH	Single track	NO. OF SPANS	8
TYPE	Combination deck beam/ half-through truss	LENGTH OF EACH SPAN	45' approx.

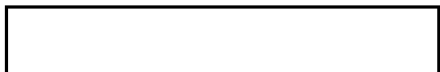
STATUS:

Two spans dropped; piers, abutments and approaches intact.

COMPENSATIVE ACTION:

Probable repairs on bridge in progress.

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Phu Qui Hwy. Bridge Bridge No. 34 on NE 48-12	North Vietnam	17 28N - 106 30E XE 603331
25X1 <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px; vertical-align: middle;"></span>		BRIEF NO: PIB 65476 June 1966
MAP	AMS L509 NE 48-12	

LOCATION: 0.6 nm W of Phu Qui on Route 104.

DESCRIPTION:

25X1

LENGTH  
WIDTH  
TYPE

Undetermined

MATERIAL Undetermined  
 NO. OF SPANS Undetermined  
 LENGTH OF EACH SPAN Undetermined

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

By-pass road and bridge.



**CONFIDENTIAL**

GROUP 1  
 Excluded from automatic  
 downgrading and  
 declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

25X1

NAME Tu Loan Hwy. Bridge SE over stream <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span> Bridge No. 36 on NE 48-11	COUNTRY  North Vietnam	COORDINATES 17 48N - 106 26E XE 522696
MAP AMS I509 NE 48-11		BRIEF NO: PIB 65478 June 1966

LOCATION: 0.8 nm NW of Nghia Nuong on Route 1A.

DESCRIPTION:

LENGTH	30' approx.	MATERIAL	Concrete
WIDTH	10' approx.	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	15' approx.

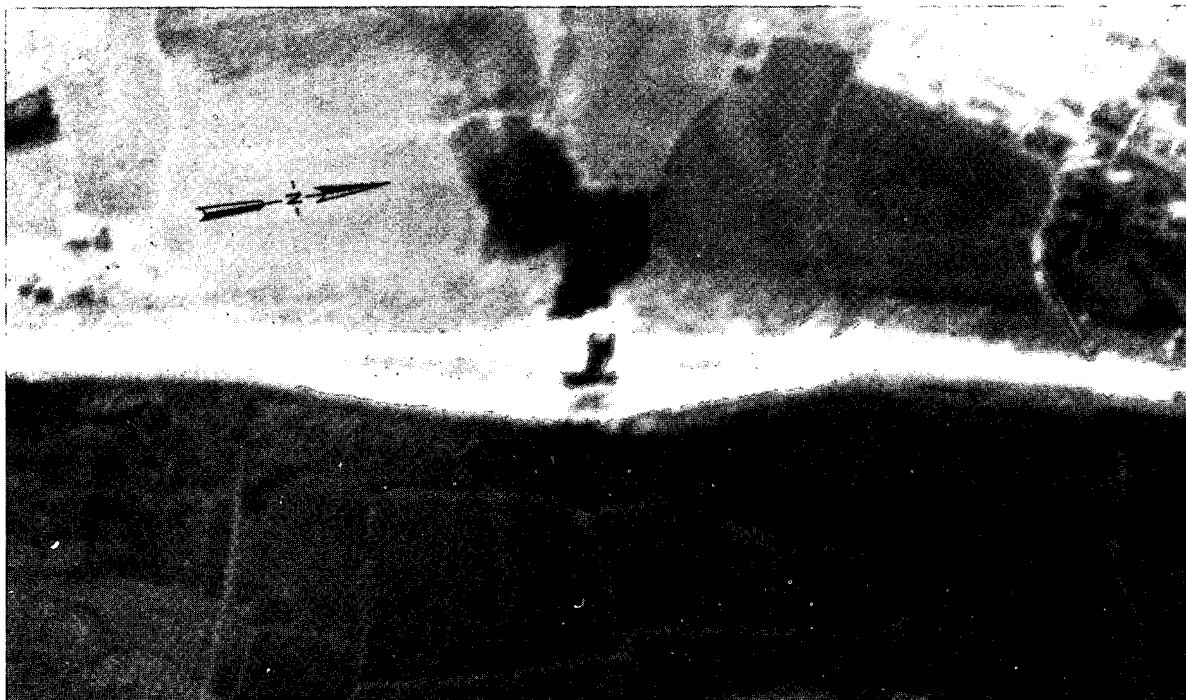
STATUS:

1 span dropped.

COMPENSATIVE ACTION:

Ford

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME Bai Duc Thon RR. Bridge By- Pass No. 1 over Khe Ba Giang Bridge No. 7 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 105 50E WE 886964
MAP AMS L509 NE 48-7		BRIEF NO: PIB 65480 June 1966

25X1

LOCATION: 0.5 nm NW of Bai Duc Thon on the Duc Tho - Lang Xa Rail Line.

DESCRIPTION:

25X1

LENGTH   
 WIDTH Single track  
 TYPE Deck beam

MATERIAL Timber  
 NO. OF SPANS 8  
 LENGTH OF EACH SPAN

25X1

STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

N/A

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

<b>NAME</b> Ban Nape Hwy. Bridge over Nam Phao <input type="text"/>	<b>COUNTRY</b> Laos	<b>COORDINATES</b> 18 18N - 105 04E WF 081236
---	------------------------	---

25X1

<b>MAP</b> AMS 1301 (JOG) NE 48-7	<b>BRIEF NO:</b> PIB 65481 August 1966
-----------------------------------	--

LOCATION: 0.9 nm SW of Nape on Route 8.

**DESCRIPTION:**

<b>LENGTH</b> 270' approx.	<b>MATERIAL</b> Steel and concrete
<b>WIDTH</b> 10' approx.	<b>NO. OF SPANS</b> 3
<b>TYPE</b> Half-through truss	<b>LENGTH OF EACH SPAN</b> 90' approx.

**STATUS:**

1 span destroyed; 1 span dropped; timber by-pass bridge destroyed.

**COMPENSATIVE ACTION:**

25X1



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Lang Bo RR. Bridge over Ngoi Ly <input type="text"/>	COUNTRY		COORDINATES	22 06N - 104 26E VK 420442
		Bridge No. 4 on NF 48-6		North Vietnam		
25X1		<input type="text"/>			BRIEF NO:	PIB 65483 August 1966
	MAP	AMS L509 NF 48-6				

LOCATION: 2 nm W of Lang Bo on the Hanoi/Lao Cai Rail Line.

DESCRIPTION:

25X1	LENGTH	60' approx.	MATERIAL	Wood and concrete
	WIDTH	<input type="text"/> (Single track)	NO. OF SPANS	2
	TYPE	Deck beam	LENGTH OF EACH SPAN	1 @ 40' approx. 1 @ 20' approx.

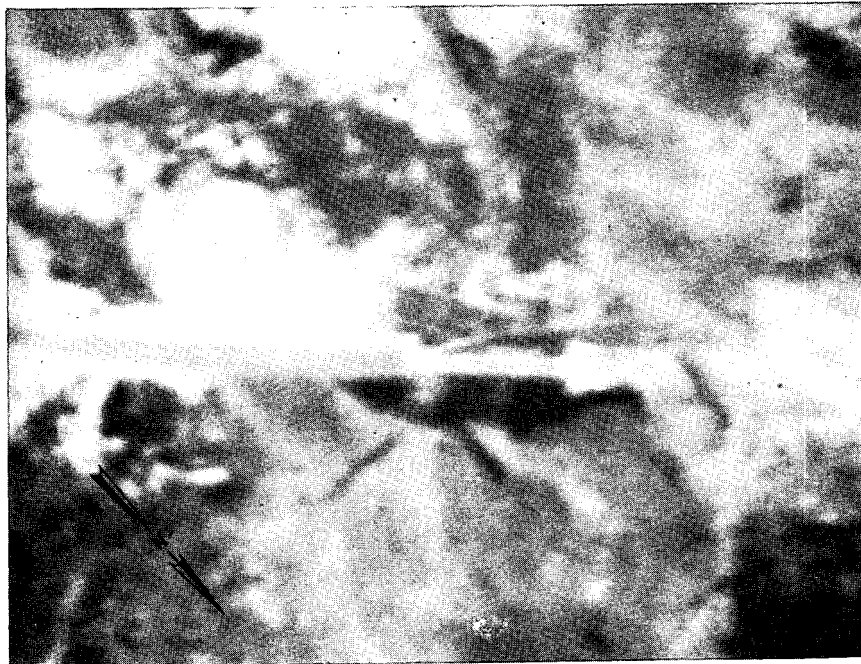
STATUS:

Both spans appear to be intact. NW approach severely interdicted.

COMPENSATIVE ACTION:

None

25X1



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

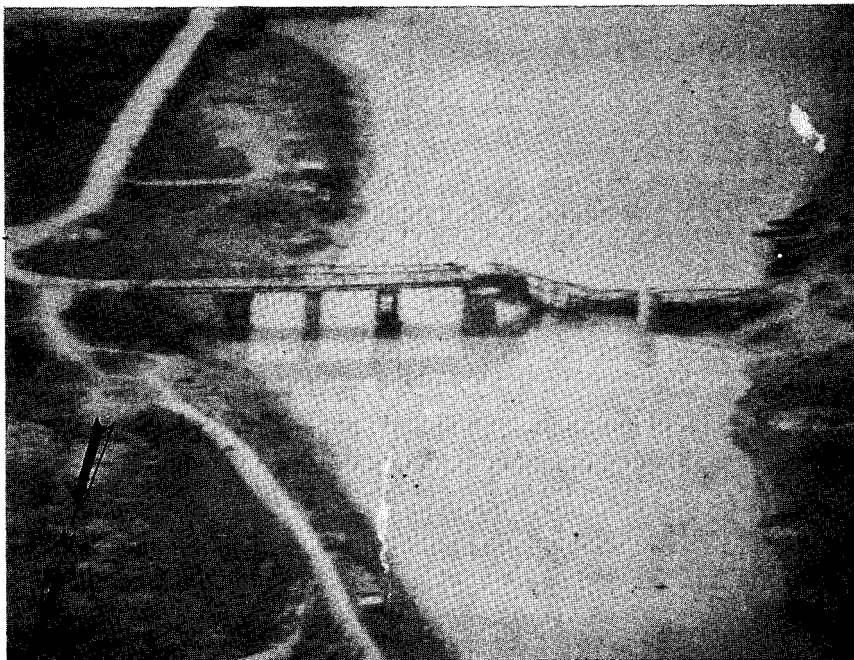
25X1	NAME	Bac Giang RR. & Hwy. Bridge over Song Tauong <input type="text"/> Bridge No. 7 on NF 48-11	COUNTRY	North Vietnam	COORDINATES	21 16N - 106 11E XJ 232528
	25X1	<input type="text"/>			BRIEF NO:	PIB 65484 August 1966
	MAP	AMS L509 NF 48-11				

LOCATION: At the E edge of Phu Lang Thuong on the Hanoi/Dong Dang Rail Line and Route 18.

25X1	DESCRIPTION:			
	LENGTH	<input type="text"/>	MATERIAL	Steel, concrete and wood
	WIDTH	25' approx. (Single track)	NO. OF SPANS	8
25X1	TYPE	Half-through truss	LENGTH OF EACH SPAN	<input type="text"/>

STATUS: Four spans dropped; two wooden piers destroyed; one abutment moderately damaged.

COMPENSATIVE ACTION: By-pass bridge under construction.



**CONFIDENTIAL**

GROUP 1  
Excluded from automatic  
downgrading and declassification



**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Lang Kay RR. Bridge over Ngoi Kay <input type="text"/> Bridge No. 10 on NF 48-6	COUNTRY North Vietnam	COORDINATES 22 04N - 104 28E VK 455412
--	--------------------------	--

25X1

MAP AMS I509 NF 48-6	BRIEF NO: PIB 65485 August 1966
-------------------------	---------------------------------------

LOCATION: 0.7 nm NE of Lang Kay on the Hanoi/Lao Cai Rail Line.

DESCRIPTION:

25X1

LENGTH   
WIDTH   
TYPE

MATERIAL Timber  
NO. OF SPANS 3  
LENGTH OF EACH SPAN

25X1

Deck w/lattice tower supports

STATUS:

Replacement for original bridge totally destroyed.

COMPENSATIVE ACTION:

None

25X1



**CONFIDENTIAL**

~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Xom Nui Hwy. Bridge Bridge No. 94 on NE 48-7	North Vietnam	18 11N - 106 15E XF 332110
25X1 MAP AMS L509 NE 48-7		BRIEF NO: PIB 65487 June 1966

LOCATION: At Xom Nui on unnumbered route.

DESCRIPTION:

25X1

LENGTH  
WIDTH  
TYPE

MATERIAL Timber  
NO. OF SPANS 10 approx.  
LENGTH OF EACH SPAN

25X1

Deck

STATUS:

All spans destroyed.

COMPENSATIVE ACTION:

None



~~CONFIDENTIAL~~

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Trach Ban Hwy. Bridge Bridge No. 11 on NE 48-12	North Vietnam	17 11N - 106 45E XE 878008
25X1 <input type="text"/>		BRIEF NO: PIB 65488 June 1966
MAP AMS L509 NE 48-12		

LOCATION: 0.2 nm W of Trach Ban on Route 101.

DESCRIPTION:

25X1  
25X1

LENGTH	<input type="text"/>	MATERIAL	Timber
WIDTH	<input type="text"/>	NO. OF SPANS	6 probable
TYPE	Deck	LENGTH OF EACH SPAN	<input type="text"/>

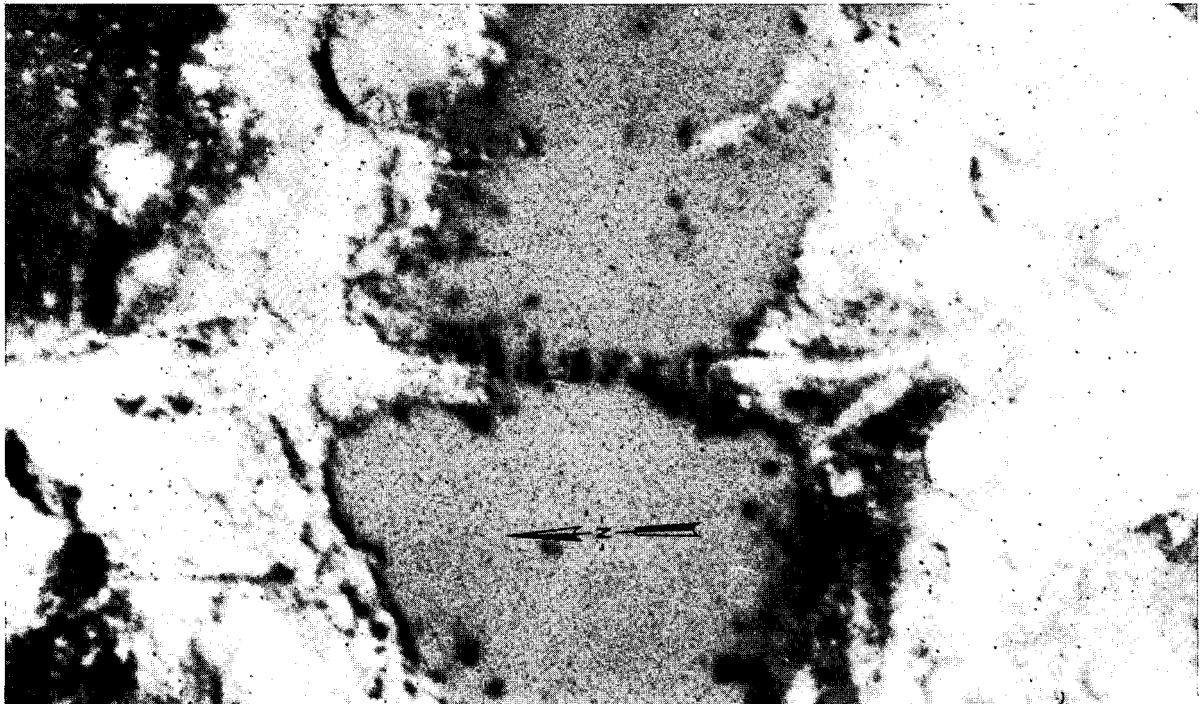
STATUS:

4 spans destroyed; 5 wooden piers heavily damaged; abutments and approaches cratered.

COMPENSATIVE ACTION:

None apparent.

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
La Khe Thon Hwy. Bridge Bridge No. 60 on NE 48-7	North Vietnam	18 03N - 105 49E WE 872973
25X1 [REDACTED]		BRIEF NO: PIB 65490
MAP AMS L509 NE 48-7		June 1966

LOCATION: 0.8 nm SE of La Khe Thon on Route 15.

DESCRIPTION:

25X1 LENGTH [REDACTED] MATERIAL Wood, concrete abutments  
 25X1 WIDTH [REDACTED] NO. OF SPANS 11  
 25X1 TYPE Deck LENGTH OF EACH SPAN [REDACTED]

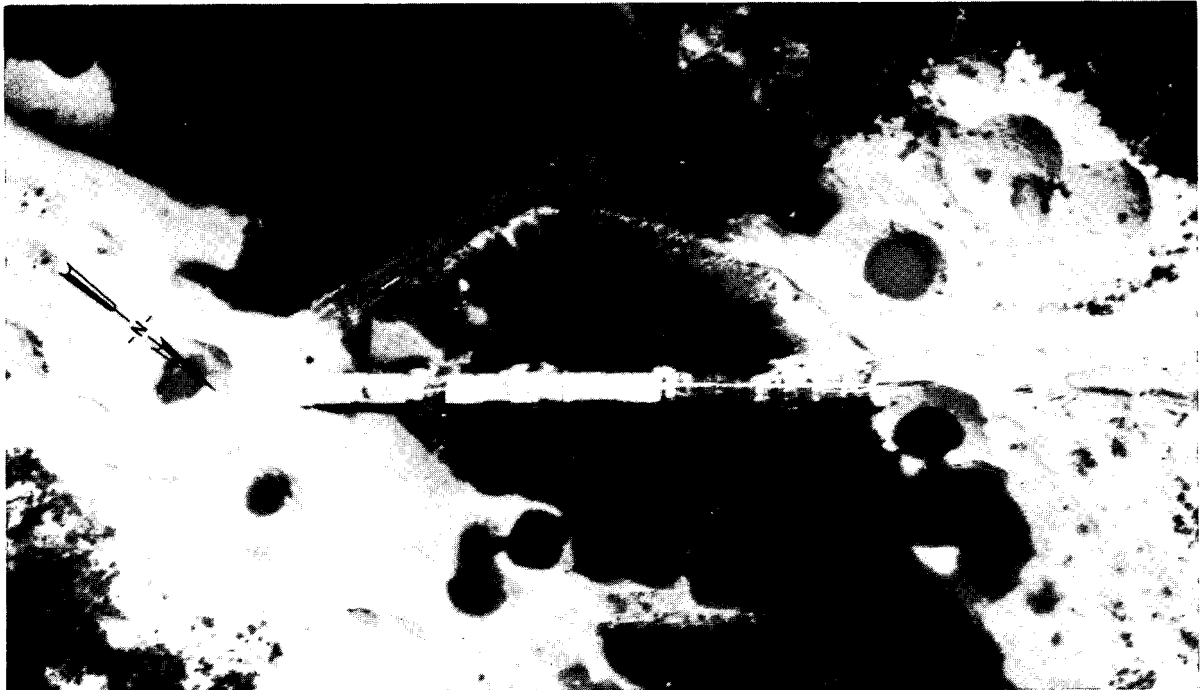
STATUS:

Bridge approaches interdicted, decking off over 1/3 of bridge.

COMPENSATIVE ACTION:

Existing ford.

25X1 [REDACTED]



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	La Khe Thon RR. Bridge over Ngan Sau <input type="text"/> Bridge No. 13 on NE 48-7	COUNTRY	North Vietnam	COORDINATES	18 03N - 105 49E WE 876975
	25X1	<input type="text"/>			BRIEF NO:	PIB 65491 June 1966
	MAP	AMS L509 NE 48-7				

LOCATION: 0.8 nm SE of La Khe Thon on the Duc Tho - Thanh Lang Rail Line.

DESCRIPTION:

25X1	LENGTH	<input type="text"/>	MATERIAL	Wood and steel
	WIDTH	Single track	NO. OF SPANS	8
25X1	TYPE	Deck beam and half-through truss	LENGTH OF EACH SPAN	<input type="text"/>

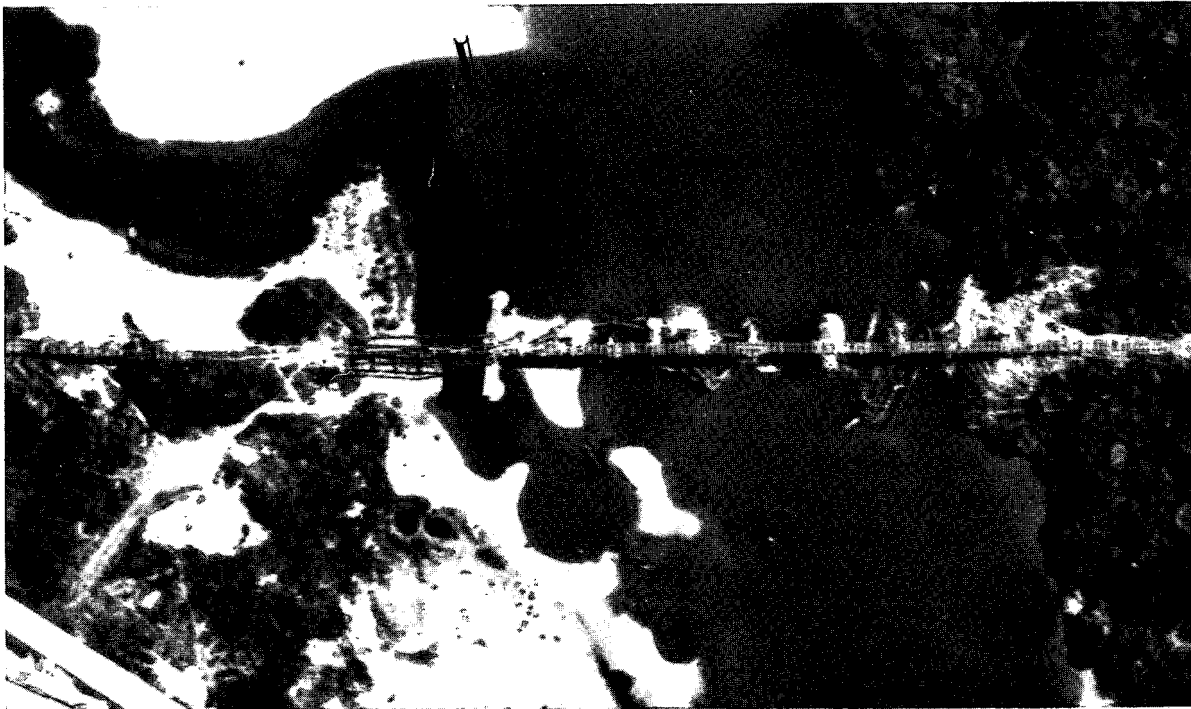
STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

None

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

**CIA IMAGERY ANALYSIS DIVISION**

NAME	COUNTRY	COORDINATES
Phuoc Due Hwy. Bridge No. 2 Bridge No. 35 on NE 48-12	North Vietnam	17 22N - 106 37E XE 725221
25X1 [REDACTED]		<b>BRIEF NO:</b> PIB 65477
<b>MAP</b> AMS L509 NE 48-12		June 1966

**LOCATION:** 0.5 nm N of Phuoc Due on abandoned rail line.

**DESCRIPTION:**

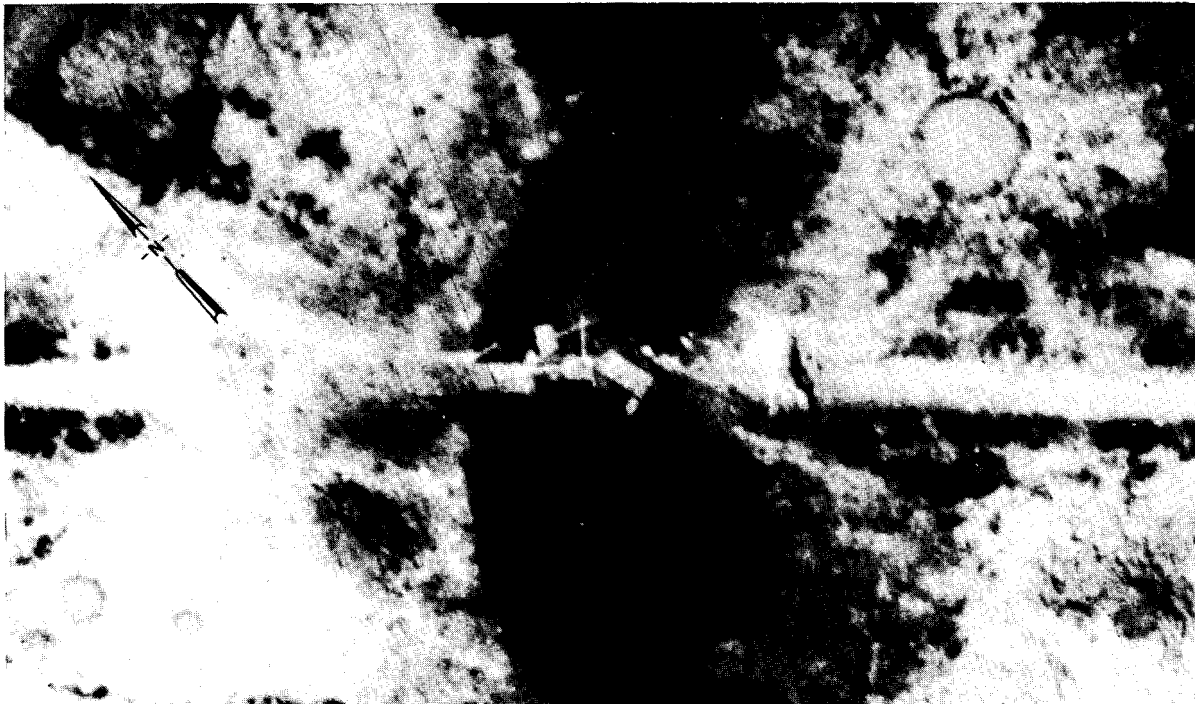
<b>LENGTH</b>	80' approx.	<b>MATERIAL</b>	Concrete, timber
<b>WIDTH</b>	10' approx.	<b>NO. OF SPANS</b>	4 probable
<b>TYPE</b>	Deck	<b>LENGTH OF EACH SPAN</b>	20' approx.

**STATUS:**

1 abutment destroyed, 1 span destroyed, 2 spans dropped.

**COMPENSATIVE ACTION:**

By-pass bridge and ford.



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Lang Kay RR. Bridge over Ngoi Key <input type="text"/> Bridge No. 10 on NF 48-6	COUNTRY North Vietnam	COORDINATES 22 04N - 104 28E VK 455412
--	--------------------------	--

25X1

<input type="text"/>	BRIEF NO: PIB 65493 June 1966
MAP AMS L509 NF 48-6	

LOCATION: 0.7 nm NE of Lang Kay on the Hanoi - Leo Cai Rail Line.

DESCRIPTION:

25X1

LENGTH 70' approx.	MATERIAL Steel and concrete
WIDTH <input type="text"/>	NO. OF SPANS 2
TYPE Deck girder	LENGTH OF EACH SPAN 35' approx.

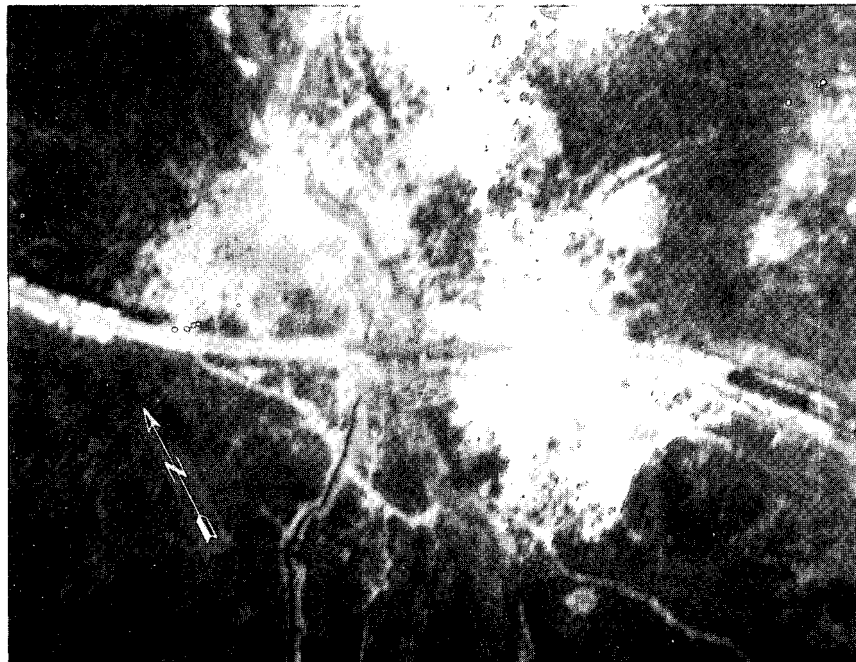
STATUS:

Previously reported as totally destroyed; has subsequently been replaced by deck-type bridge; is now serviceable.

COMPENSATIVE ACTION:

None

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Lang Bo RR. Bridge over  
 Ngoi Ly   
 Bridge No. 4 on NF 48-6

COUNTRY  
 North Vietnam

COORDINATES  
 22 06N - 104 26E  
 VK 420442

25X1

MAP AMS L509 NF 48-6

BRIEF NO:  
 PIB 65494  
 June 1966

LOCATION: 3 nm W of Lang Bo on the Hanoi - Lao Cai Rail Line.

DESCRIPTION:

25X1

LENGTH 60' approx.  
 WIDTH  - Single track  
 TYPE Deck beam

MATERIAL Wood and concrete  
 NO. OF SPANS 2  
 LENGTH OF EACH SPAN 1 @ 40' approx.  
 1 @ 20' approx.

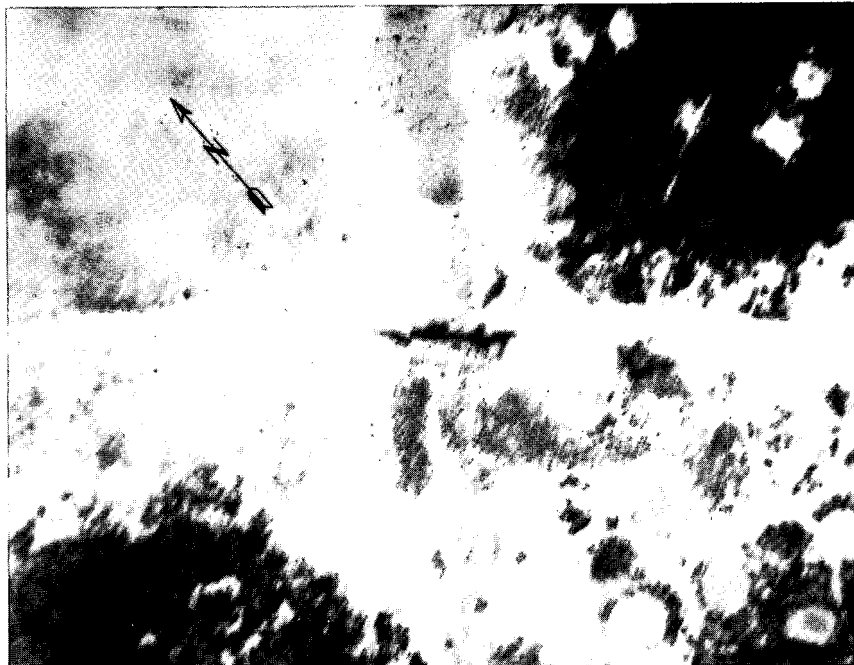
STATUS:

Bridge and approaches repaired and serviceable.

COMPENSATIVE ACTION:

None

25X1



**CONFIDENTIAL**



**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Lang Bun RR. Bridge over  
 Ngoi Bon   
 Bridge No. 1 on NF 48-6

COUNTRY  
 North Vietnam

COORDINATES  
 22 09N - 104 23E  
 VK 368493

25X1

MAP AMS L509 NF 48-6

BRIEF NO:  
 PIB 65496  
 June 1966

LOCATION: 0.1 nm NW of Lang Bun on the Hanoi - Lao Cai Rail Line.

DESCRIPTION:

25X1

LENGTH 125' approx.

MATERIAL Wood, probably

WIDTH

NO. OF SPANS 8

TYPE Deck-type beam with  
 lattice towers

LENGTH OF EACH SPAN

25X1

STATUS:  
 Repaired, serviceable deck-type replacement bridge.

COMPENSATIVE ACTION:

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Phuoc Due Hwy. Bridge No. 3 Bridge No. 36 on NE 48-12	North Vietnam	17 22N - 106 37E XE 722220
MAP AMS L609 NE 48-12		BRIEF NO: PIB 65497 June 1966

25X1

LOCATION: 0.6 nm NW of Phuoc Due on Route 101.

DESCRIPTION:

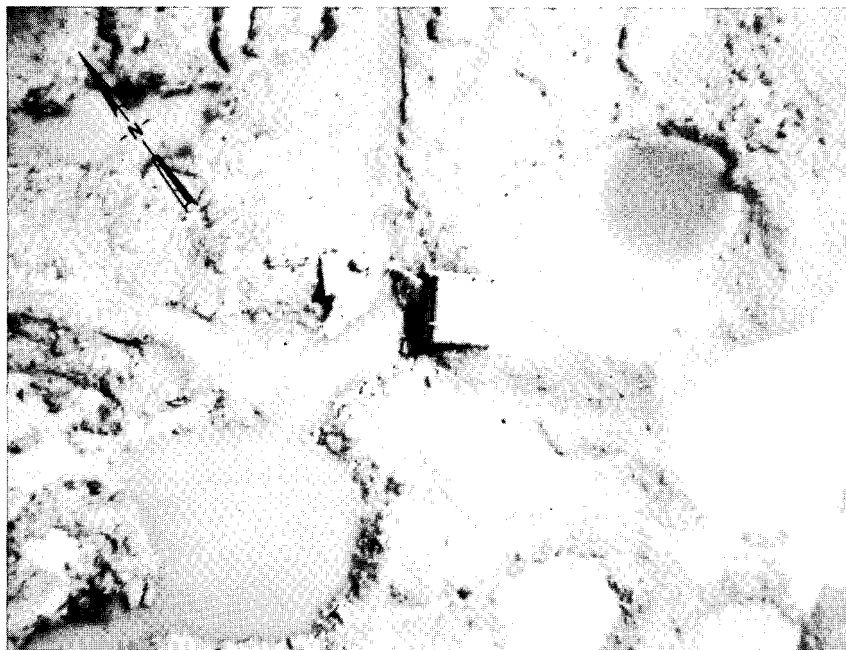
LENGTH	20' approx.	MATERIAL	Concrete
WIDTH	15' approx.	NO. OF SPANS	1 probable
TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

STATUS:

One abutment and the span destroyed; approaches interdicted.

COMPENSATIVE ACTION:

By-pass ford construction.



**CONFIDENTIAL**

~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Phuoc Loc Hwy. Bridge No. 1 Bridge No. 38 on NE 48-12	North Vietnam	17 32N - 106 33E XE 654397
MAP AMS L509 NE 48-12		BRIEF NO: PIB 65503 June 1966

LOCATION: 2 nm E of Phuoc Loc on Route 1A.

DESCRIPTION:

25X1

LENGTH	45' approx.	MATERIAL	Concrete
WIDTH	<input type="text"/>	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	45' approx.

STATUS:

One abutment damaged.

COMPENSATIVE ACTION:

None



~~CONFIDENTIAL~~

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Trung Nghia Hwy. Bridge No. 2 Bridge No. 40 on NE 48-12	North Vietnam	17 25N - 106 35E XE 690277
MAP AMS L509 NE 48-12		BRIEF NO: PIB 65505 June 1966

25X1

LOCATION: 0.8 nm SW of Trung Nghia on unnumbered route.

DESCRIPTION:

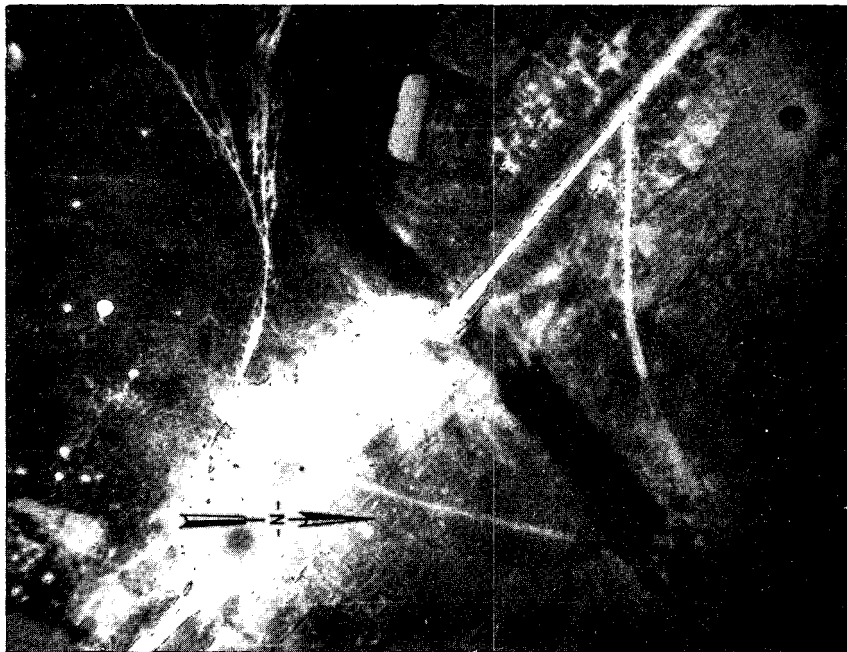
LENGTH	50' approx.	MATERIAL	Concrete
WIDTH	20' approx.	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	25' approx.

STATUS:

1 abutment destroyed; 1 span dropped.

COMPENSATIVE ACTION:

Ford



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Phuong Hoang Hwy. Bridge Bridge No. 66 on NE 48-7	North Vietnam	18 13N - 106 04E XF 138146
MAP AMS L509 NE 48-7		BRIEF NO: PIB 65506 June 1966

LOCATION: 0.5 nm N of Phuong Hoang on Route 1A.

DESCRIPTION:

LENGTH	100' approx.	MATERIAL	Wood and concrete
WIDTH	15' approx.	NO. OF SPANS	4 probable
TYPE	Deck	LENGTH OF EACH SPAN	25' approx.

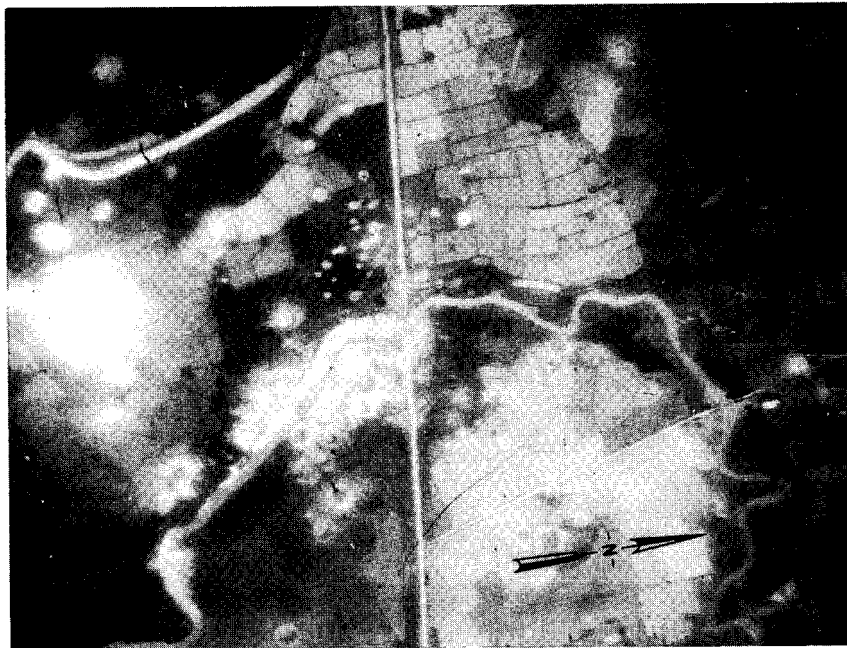
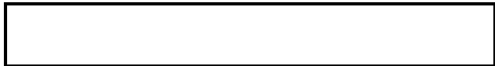
STATUS:

Spans destroyed; piers and abutments damaged.

COMPENSATIVE ACTION:

None

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Son Kinh Hwy. Bridge No. 1 Bridge No. 64 on NE 48-7	North Vietnam	18 14N - 106 11E XF 254116
[REDACTED]		BRIEF NO: PIB 65507 June 1966
MAP	AMS L609 NE 48-7	

LOCATION: 0.1 nm E of Son Kinh on Route 1A.

DESCRIPTION:

25X1

LENGTH	60' approx.	MATERIAL	Timber
WIDTH	[REDACTED]	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

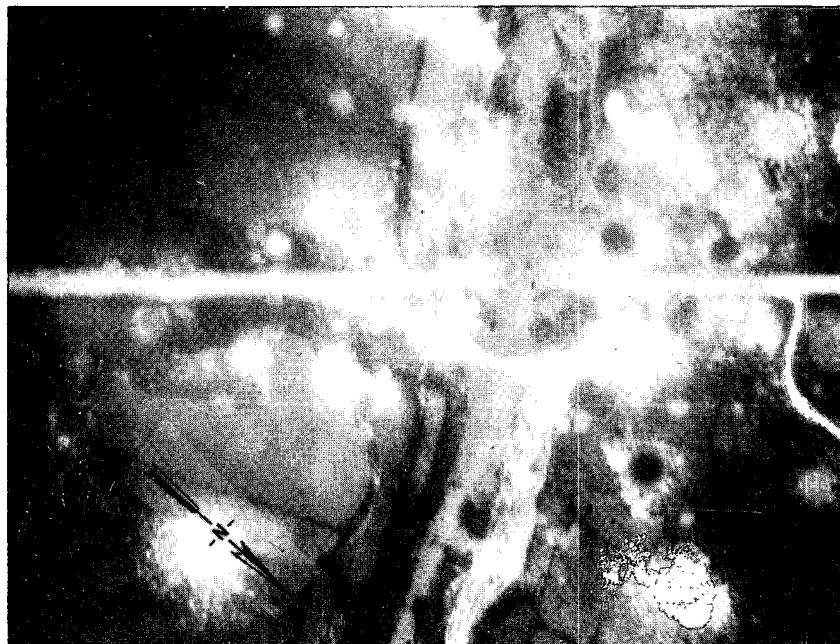
STATUS:

Center span destroyed.

COMPENSATIVE ACTION:

By-pass bridge.

25X1



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Vinh Lun Hwy. Bridge Bridge No. 31 on NE 48-7	North Vietnam	18 20N - 105 53E WF 928276
MAP AMS L509 NE 48-7		BRIEF NO: PIB 65510 June 1966

LOCATION: At Vinh Lun on Route 12.

DESCRIPTION:

25X1

LENGTH	120' approx.	MATERIAL	Wood and concrete
WIDTH	<input type="text"/>	NO. OF SPANS	6 probable
TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

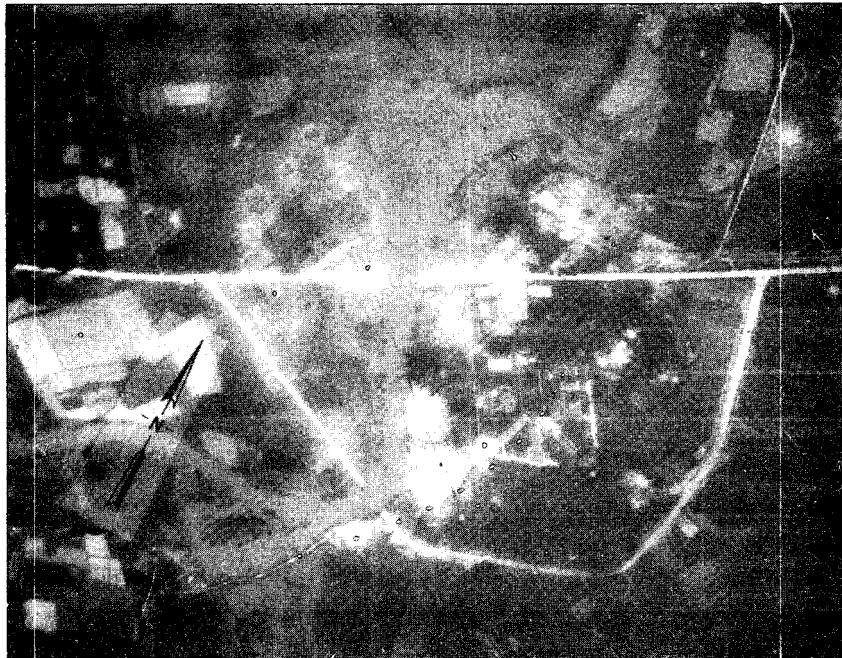
STATUS:

One abutment damaged; 3 spans dropped.

COMPENSATIVE ACTION:

25X1

By-pass road and crossing site. By-pass bridge, under construction in  has been dismantled.



**CONFIDENTIAL**

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dien Chau RR. By-pass Bridge No. 1 Bridge No. 6 on NE 48-7	North Vietnam	18 58N - 105 35E WF 619980
[REDACTED]		BRIEF NO: PIB 65511 June 1966
MAP	AMS L509 NE 48-7	

25X1

LOCATION: 1.4 nm SW of Dien Chau on Hanoi-Vinh Rail Line.

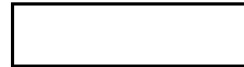
DESCRIPTION:

25X1

LENGTH  
WIDTH  
TYPE



MATERIAL Timber  
NO. OF SPANS 30  
LENGTH OF EACH SPAN



Deck with lattice tower supports

25X1

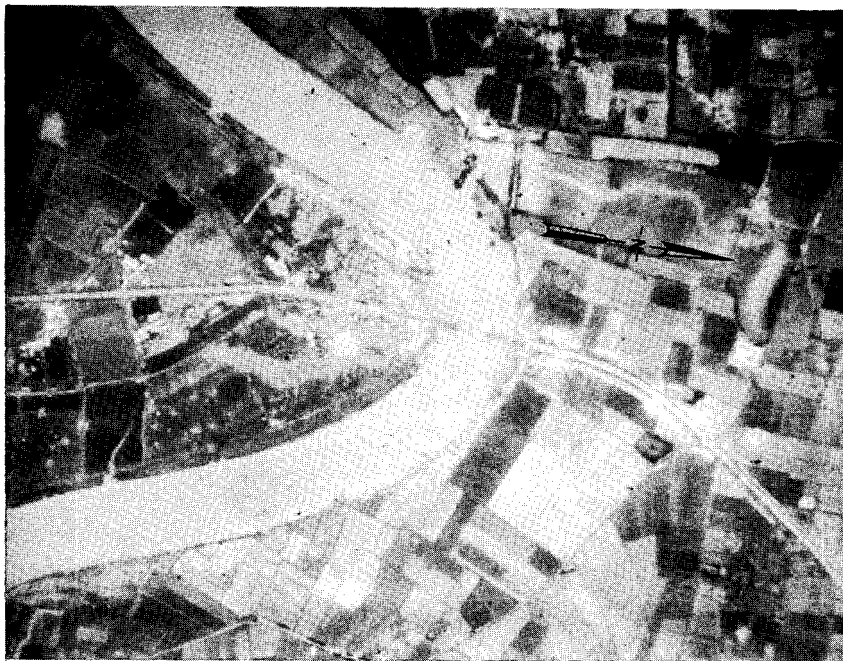
STATUS:

10 spans destroyed; 9 towers destroyed.

COMPENSATIVE ACTION:

The original Dien Chau RR. Bridge has been repaired and is serviceable.

25X1



**CONFIDENTIAL**



~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Qui Vinh By-pass No. 2 RR. Bridge Bridge No. 1 on NE 48-3	North Vietnam	19 15N - 105 41E WG 720302
25X1 <input type="text"/>		BRIEF NO: PIB 65513 June 1966
MAP AMS L509 NE 48-3		

LOCATION: 0.4 nm W of Qui Vinh on the Hanoi-Vinh Rail Line.

DESCRIPTION:

25X1

LENGTH	<input type="text"/>	MATERIAL	Timber
WIDTH	Single track	NO. OF SPANS	16 approx.
TYPE	Wood trestle	LENGTH OF EACH SPAN	<input type="text"/>

25X1

STATUS:

6 spans destroyed; 6 - 8 piers destroyed.

COMPENSATIVE ACTION:

By-pass No. 1 is still serviceable.

25X1



~~CONFIDENTIAL~~

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ly Hoa Hwy. Bridge Bridge No. 15 on NE 48-12	North Vietnam	17 40N - 106 30E XE 601538
25X1		BRIEF NO: PIB 65514
MAP AMS L509 NE 48-12		June 1966

LOCATION: 1.6 nm NW of Ly Hoa on Route 1A.

DESCRIPTION:

LENGTH	120' approx.	MATERIAL	Concrete, steel, and timber
WIDTH	10' approx.	NO. OF SPANS	4
TYPE	Deck	LENGTH OF EACH SPAN	30' approx.

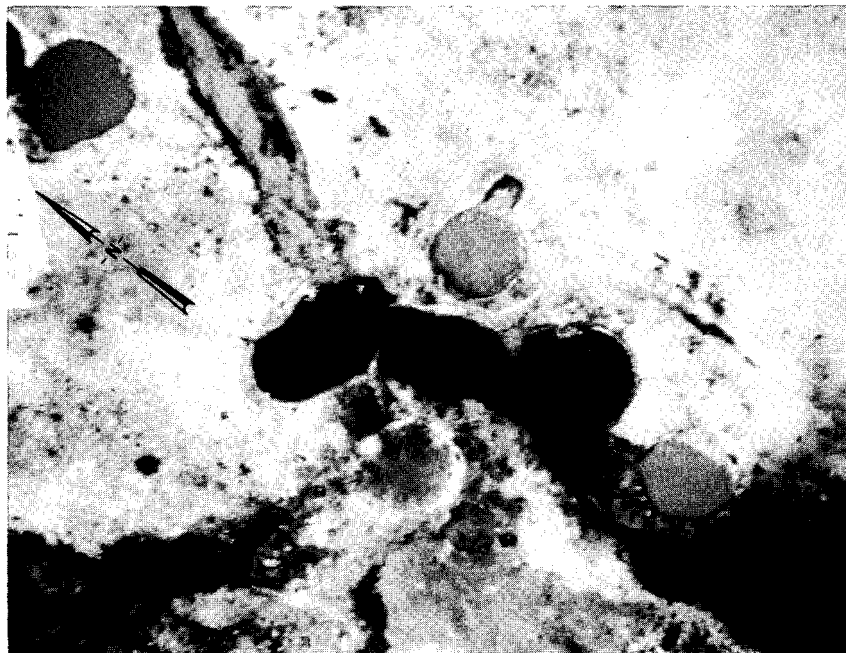
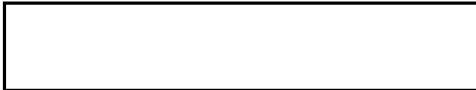
STATUS:

Bridge completely destroyed.

COMPENSATIVE ACTION:

Ford

25X1



**CONFIDENTIAL**

~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Trung Nghia Hwy. Bridge S over stream	COUNTRY	North Vietnam	COORDINATES	17 25N - 106 36E XE 702268
		Bridge No. 18 on NE 48-12				
25X1					BRIEF NO:	PIB 65515 June 1966
	MAP	AMS L509 NE 48-12				

LOCATION: 0.7 nm W of Nhi Thuyen on Route 101.

DESCRIPTION:

LENGTH	105' approx.	MATERIAL	Steel and concrete with wood deck
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Half-through truss	LENGTH OF EACH SPAN	105' approx.

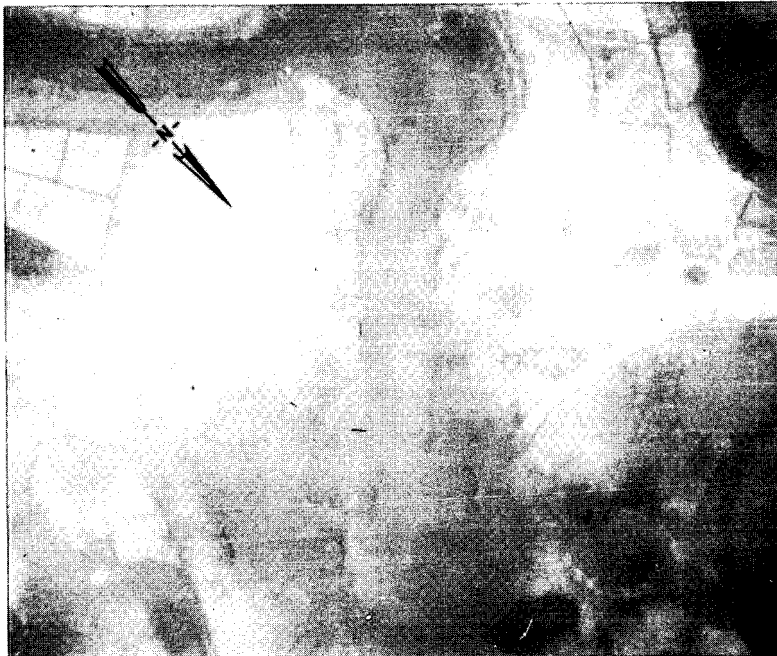
STATUS:

Span destroyed; 1 abutment destroyed; 1 abutment moderately damaged.

COMPENSATIVE ACTION:

Ford

25X1



~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Xom Phuong Hwy. Bridge No. 2 Bridge No. 22 on NE 48-12	North Vietnam	17 32N - 106 33E XE 646406
MAP AMS 1509 NE 48-12		BRIEF NO: PIB 65516 June 1966

25X1

LOCATION: 0.3 nm S of Xom Phuong on Route 1A.

DESCRIPTION:

LENGTH	110' approx.	MATERIAL	Concrete
WIDTH	10' approx.	NO. OF SPANS	11
TYPE	Deck	LENGTH OF EACH SPAN	10' approx.

STATUS:

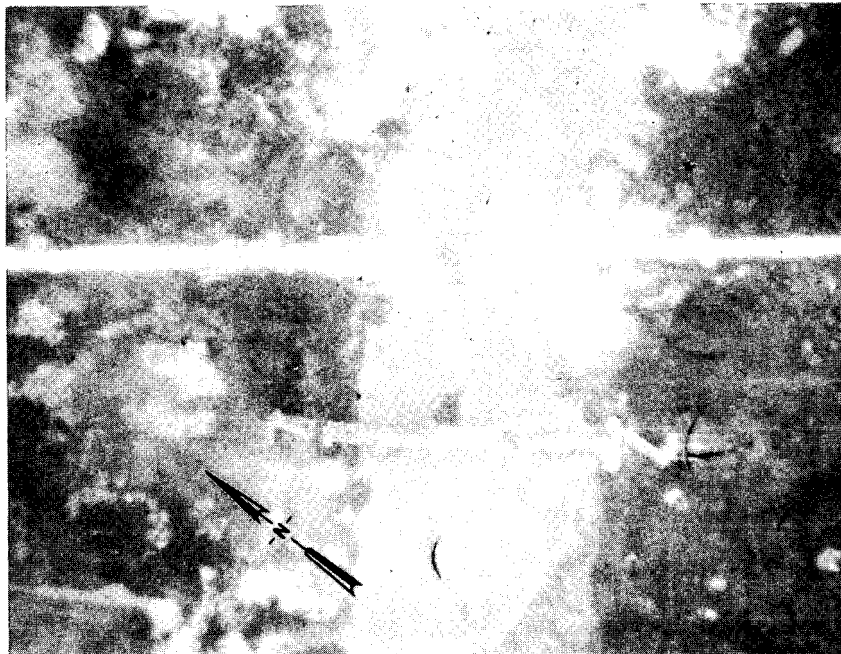
Destroyed.

COMPENSATIVE ACTION:

Bridge replaced by a causeway and  timber bridge.

25X1

25X1



~~CONFIDENTIAL~~

**CONFIDENTIAL**

CIA IMAGERY ANALYSIS DIVISION

25X1	<b>NAME</b>	Dien Chau RR. Bridge on Song	<b>COUNTRY</b>		<b>COORDINATES</b>	
	Bang	[REDACTED]	North Vietnam		18 58N - 105 35E	WF 613978
25X1		Bridge No. 6 on NE 48-7				
		[REDACTED]			<b>BRIEF NO:</b>	PIB 65517
	<b>MAP</b>	AMS 1509 NE 48-7				June 1966

**LOCATION:** 1.6 nm SW of Phu Dien Chau on the Hanoi-Vinh Rail Line.

**DESCRIPTION:**

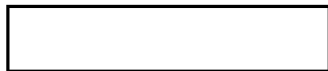
<b>LENGTH</b>	380' approx.	<b>MATERIAL</b>	Steel, concrete, wood
<b>WIDTH</b>	20' approx.	<b>NO. OF SPANS</b>	8
<b>TYPE</b>	Combination half-through truss and deck beam	<b>LENGTH OF EACH SPAN</b>	1 @ 130' approx., 2 @ 50' approx. 6 @ 25' approx.

**STATUS:**

Two 50' spans and one 25' span has been destroyed.

**COMPENSATIVE ACTION:**

None - By-pass bridge also unserviceable



25X1

25X1



**CONFIDENTIAL**