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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Cua Rao Hwy. Bridge SE No. 1 over stream [redacted] Bridge No. 28 on NE 48-2	North Vietnam	19 17N - 104 26E VG 402320
[redacted]		BRIEF NO: PIB 75001 July 1966

25X1

25X1

MAP: AMS L509 NE 48-2

LOCATION: 0.5 nm S of Cua Rao on Route 7.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

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

25X1

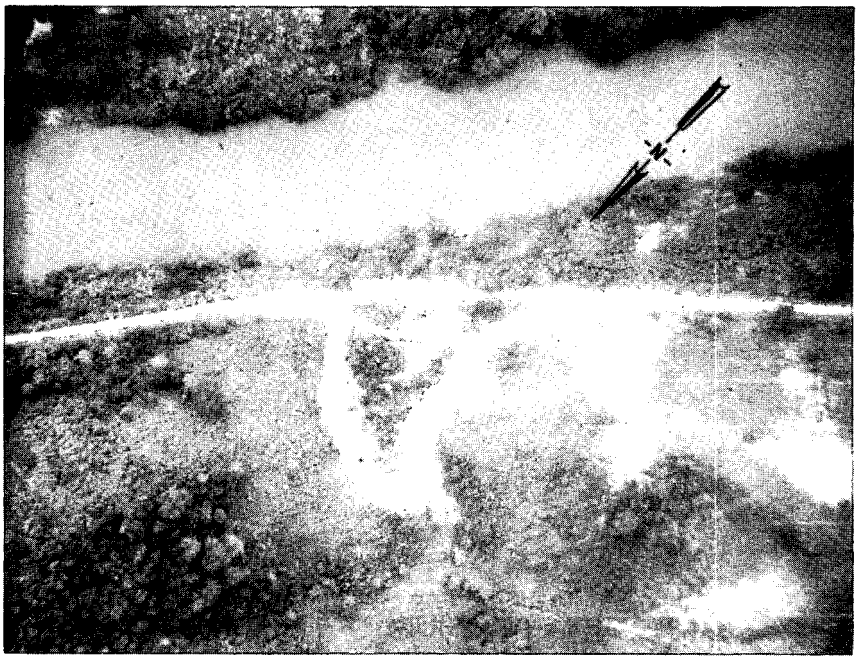
25X1

STATUS:

3 spans dropped; 2 piers destroyed; approaches cratered.

COMPENSATIVE ACTION:

Dirt fill by-pass.



Declass Review by NIMA / DoD

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GROUP 1: EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Phuong Hoang Hwy. Bridge Bridge No. 66 on NE 48-7	North Vietnam	18 13N - 106 04E XF 136146
		BRIEF NO: PIB 75002 July 1966

25X1

MAP AMS L509 NE 48-7

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

DESCRIPTION:

LENGTH 100' approx.
WIDTH 15' approx.
TYPE Deck

MATERIAL Wood
NO. OF SPANS 4 probable
LENGTH OF EACH SPAN 25' approx.

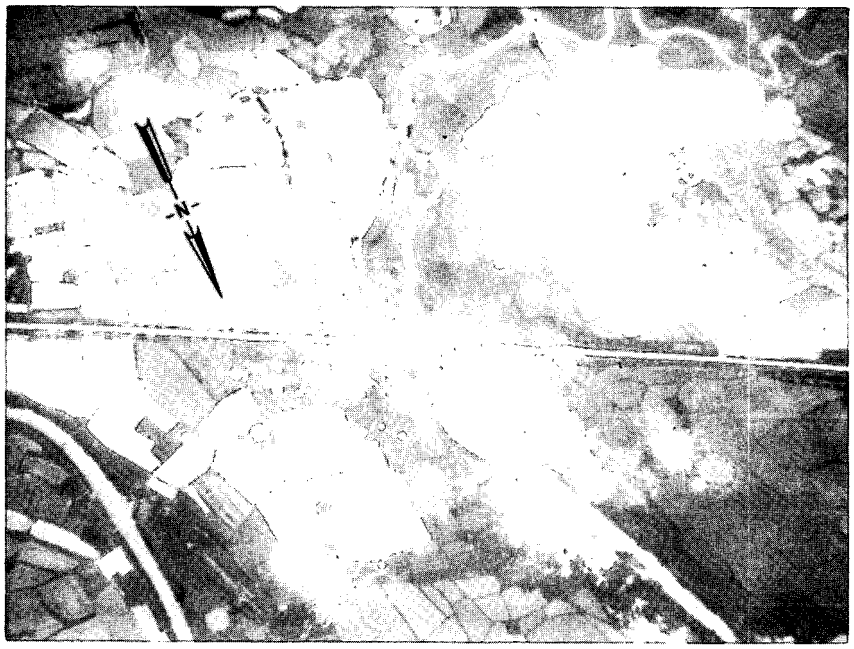
STATUS:

2 spans heavily damaged; 2 spans moderately damaged; abutments and approaches cratered.

COMPENSATIVE ACTION:

None apparent.

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Quang Te RR. Bridge over Khe Hac Giang [redacted] Bridge No. 30 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 27N - 105 34E WF 609405
		BRIEF NO: PIB 75003 July 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 1 nm S of Du Dong on Vinh-Dong Hoi Rail Line.

DESCRIPTION:

LENGTH 70' approx.
WIDTH
TYPE Single track Deck

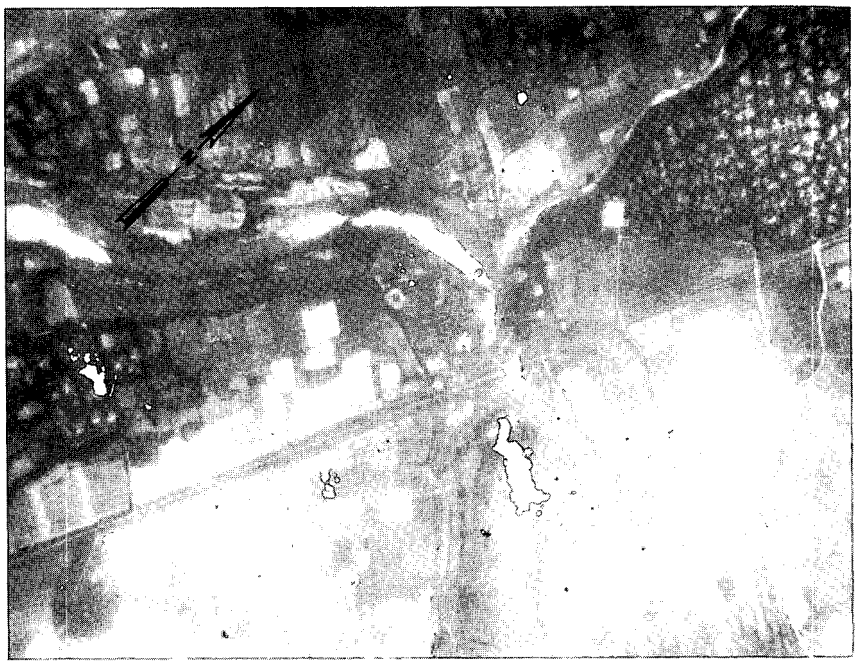
MATERIAL Steel and wood
NO. OF SPANS 1
LENGTH OF EACH SPAN 70' approx.

STATUS:
Bridge repaired; serviceable.

COMPENSATIVE ACTION:
None

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Than Dau Hwy. Bridge No. 2 Bridge No. 96 on NE 48-7	North Vietnam	18 00N - 106 28E XE 908548
		BRIEF NO: PIB 75005 July 1966

25X1

MAP AMS L509 NE 48-7

LOCATION: 1 nm SE of Than Dau on Route 1A.

DESCRIPTION:

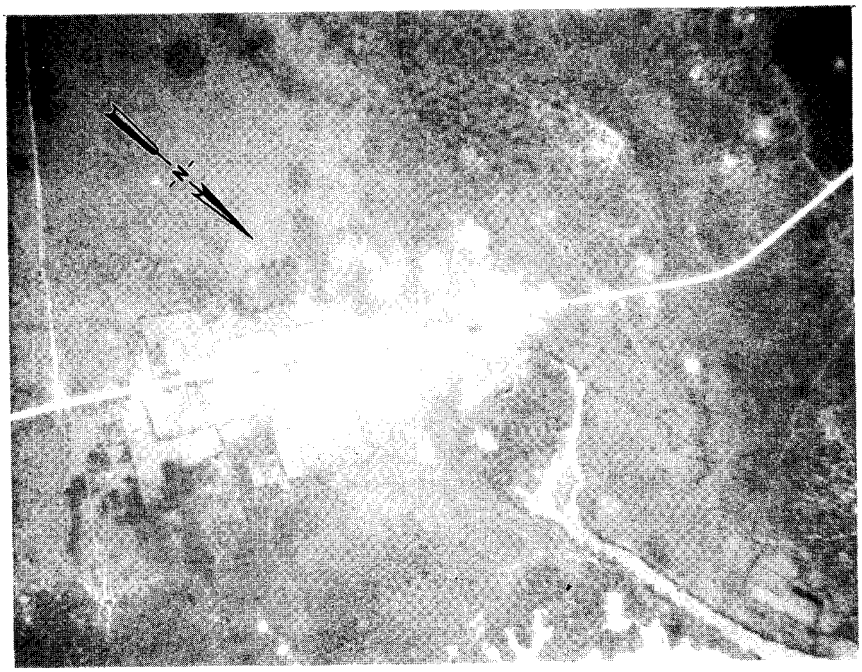
LENGTH 40' approx.
WIDTH
TYPE Deck

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

25X1

STATUS:
Span partially damaged.

COMPENSATIVE ACTION:
Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME Qui My RR. Bridge over stream [redacted] Bridge No. 44 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 25N - 105 45E WG 786480 25X1
[redacted]		BRIEF NO: PIB 75007 July 1966 25X1
MAP AMS L509 NE 48-3		

LOCATION: 0.6 nm NW of Sa Thon on Vinh-Thanh Hoa Rail Line.

DESCRIPTION:

LENGTH 70' approx.
WIDTH Single track
TYPE Through truss

MATERIAL Steel, concrete abutments
NO. OF SPANS 1 probable
LENGTH OF EACH SPAN 70' approx.

STATUS:

Span dropped; one abutment damaged.

COMPENSATIVE ACTION:

5 span timber trestle bridge replacement with spans measuring:
2 @ 20', 1 @ 15', 1 @ 10', 1 @ 5'

[redacted] 25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Qui My RR. Bridge By-pass No. 1 Bridge No. 44 on NE 48-3	North Vietnam	19 25N - 105 44E XG 784485
[redacted]		BRIEF NO: PIB 75008
MAP AMS L509 NE 48-3		July 1966

25X1

LOCATION: 0.8 nm NW of Sa Thon on Vinh-Thanh Hoa Rail Line.

DESCRIPTION:

LENGTH 60' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Timber
NO. OF SPANS 6 approx.
LENGTH OF EACH SPAN [redacted]

25X1

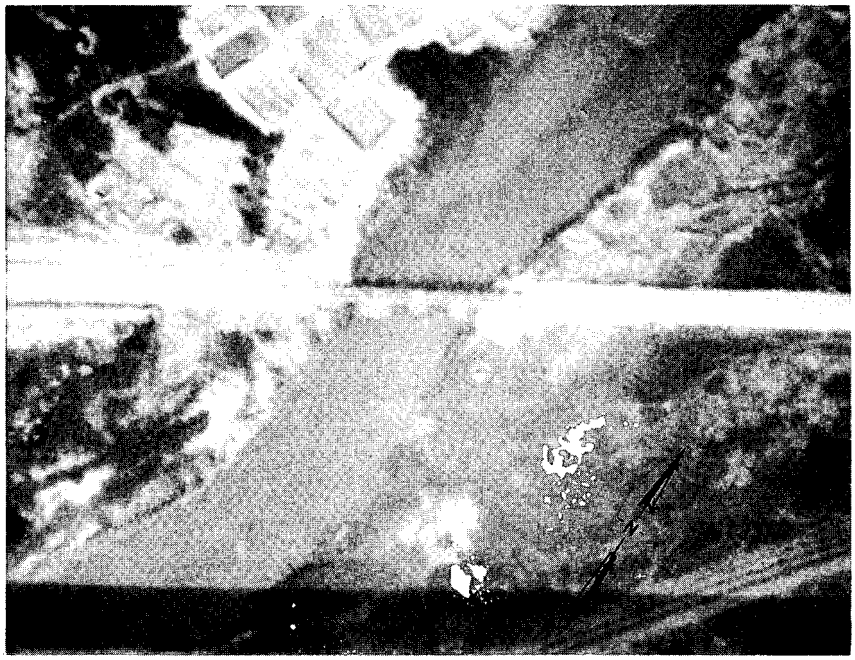
25X1

STATUS:
Pre-strike.

COMPENSATIVE ACTION:

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Bai Hwy. Bridge Bridge No. 41 on NE 48-11	North Vietnam	17 38N - 106 17E XE 364506
		BRIEF NO: PIB 75011 July 1966
MAP AMS L509 NE 48-11		

25X1

LOCATION: 0.8 nm E of Dong Bai on Route 101.

DESCRIPTION:

LENGTH 40' approx.
WIDTH 10' approx.
TYPE Deck

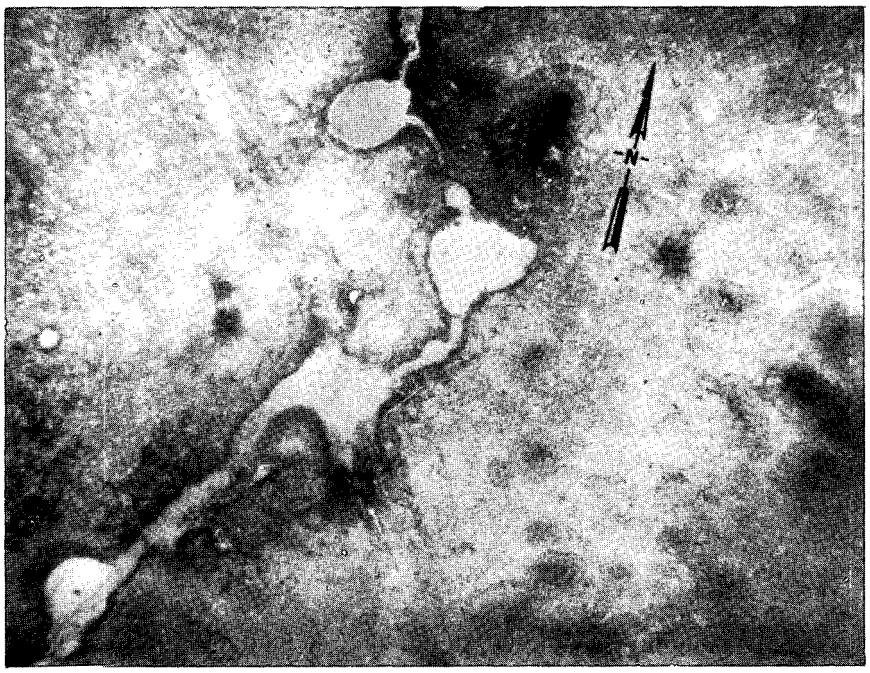
MATERIAL Timber
NO. OF SPANS Undetermined
LENGTH OF EACH SPAN Undetermined

STATUS:

Bridge destroyed.

COMPENSATIVE ACTION:

By-pass bridge.



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Loc Yen Hwy. Bridge U/C Bridge No. 28 on NE 48-7	North Vietnam	18 10N - 105 43E WF 759090
		BRIEF NO: PIB 75012 July 1966

25X1

MAP AMS L509 NE 48-7

LOCATION: 0.2 nm S of Loc Yen on Route 15.

DESCRIPTION:

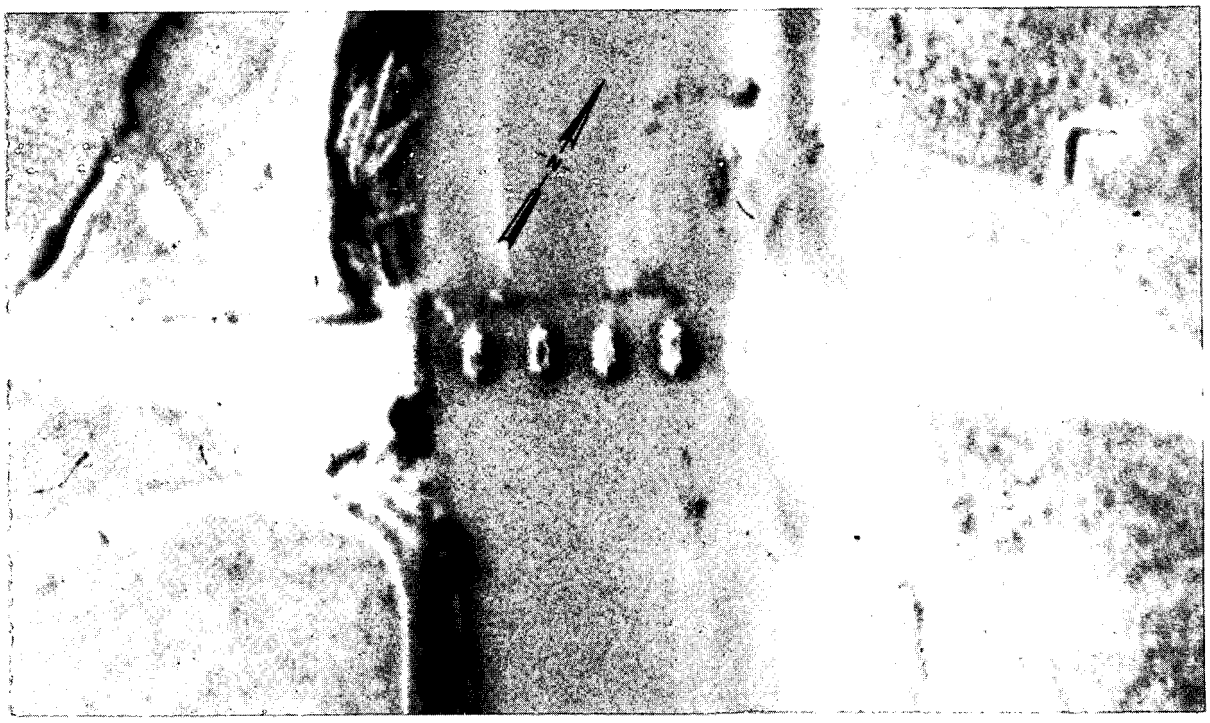
LENGTH 125' approx.
WIDTH Undetermined
TYPE Undetermined

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

STATUS:
Bridge under construction - piers in place (Pre-strike).

COMPENSATIVE ACTION:
None

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Bai Duc Thon RR. Bridge over Khe Ba Giang [redacted] Bridge No. 7 on NE 48-7	North Vietnam	18 03N - 105 50E WE 886964
[redacted]		BRIEF NO: PIB 75013 July 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 0.5 nm NW of Bai Duc Thon on the Vinh/Dong Hoi Rail Line.

DESCRIPTION:

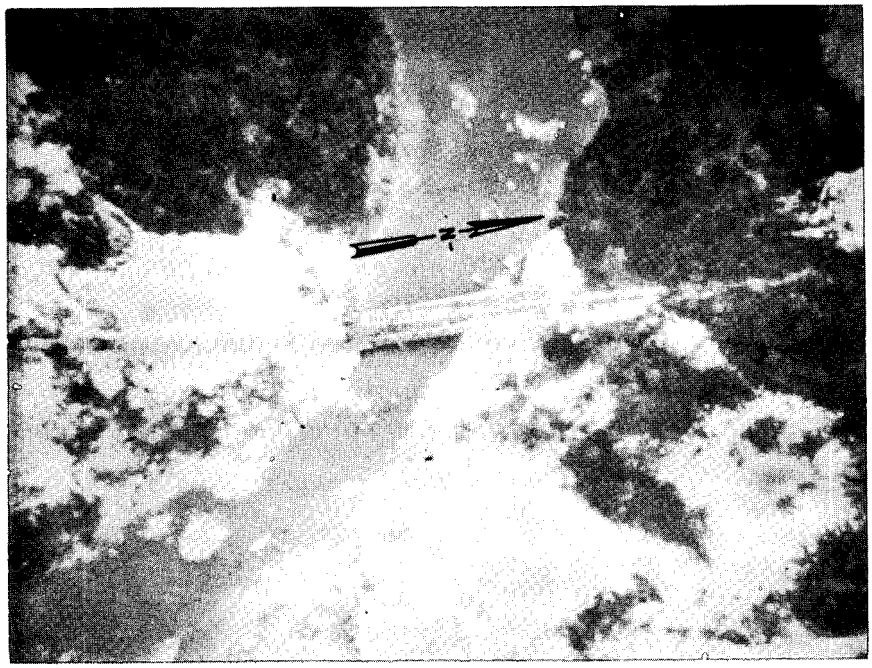
LENGTH	140' approx.	MATERIAL	Wood, steel and concrete
WIDTH	Single track	NO. OF SPANS	Undetermined
TYPE	Through truss	LENGTH OF EACH SPAN	Undetermined

STATUS:
Track being constructed across top of original truss; bridge still unserviceable.

COMPENSATIVE ACTION:

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Loc Yen Hwy. Bridge U/C Bridge No. 28 on NE 48-7	North Vietnam	18 10N - 105 43E WF 759090
		BRIEF NO: PIB 75014 July 1966
MAP AMS L509 NE 48-7		

25X1

LOCATION: 0.2 nm S of Loc Yen on Route 15.

DESCRIPTION:

LENGTH 125' approx.
WIDTH Undetermined
TYPE Undetermined

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

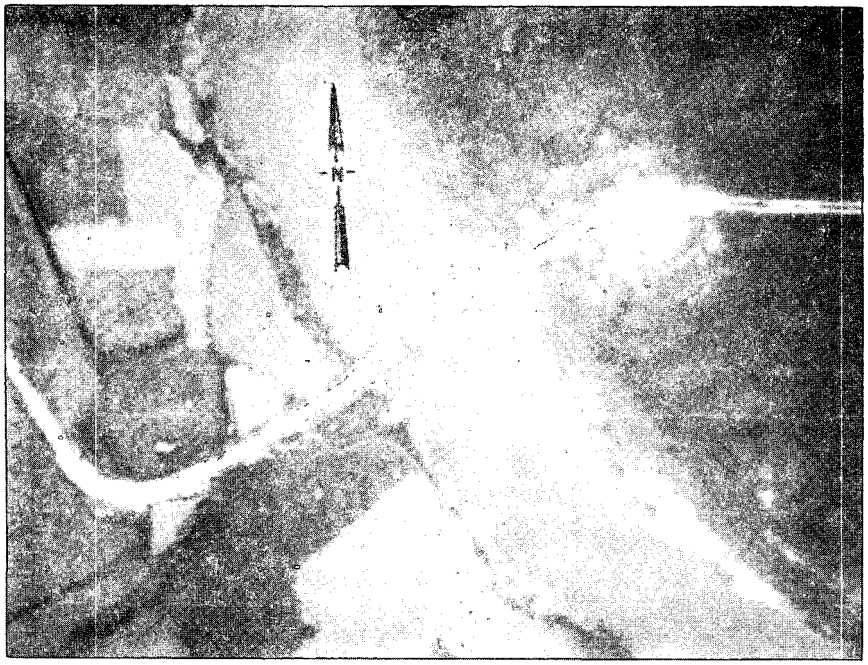
STATUS:

Two piers destroyed, one pier damaged.

COMPENSATIVE ACTION:

None

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Phu Quat RR. Bridge over stream [redacted] Bridge No. 47 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 26N - 105 45E WG 791498
		BRIEF NO: PIB 75015 July 1966
MAP AMS L509 NE 48-3		

25X1

25X1

LOCATION: 1.0 nm NW of Phu Quat on the Hanoi/Vinh Rail Line.

DESCRIPTION:

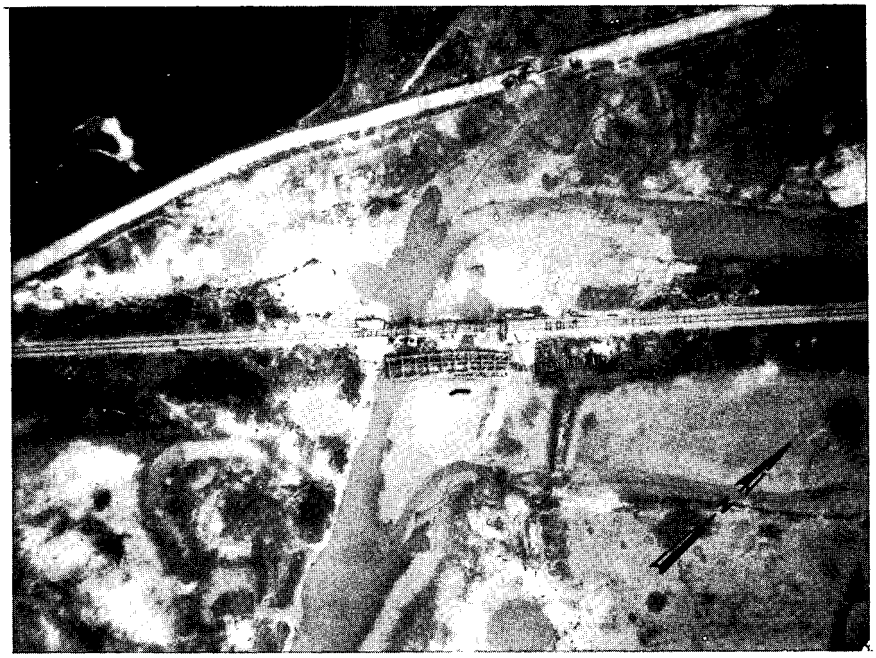
LENGTH	90' approx.	MATERIAL	Steel
WIDTH	Single track	NO. OF SPANS	1
TYPE	Through-truss	LENGTH OF EACH SPAN	90' approx.

STATUS:

Span dropped.

COMPENSATIVE ACTION:

A 3-span wood, deck-beam bridge has been constructed on the original abutments and is now serviceable.



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GROUP 1: EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Truong Thinh Hwy. Bridge Bridge No. 102 on NE 48-7	North Vietnam	18 54N - 105 18E WF 319913
		BRIEF NO: PIB 75016 August 1966

25X1

MAP JOG (A) 1501 NE 48-7

LOCATION: 0.2 nm S of Truong Thinh on Route 15.

DESCRIPTION:

LENGTH 165' approx.
WIDTH 15' approx.
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 3 probable
LENGTH OF EACH SPAN 55' approx.

STATUS:

One span destroyed; one span dropped; one span damaged and one pier destroyed.

COMPENSATIVE ACTION:

None

GROUP 1
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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Hoi Hwy. Bridge No. 2 Bridge No. 41 on NE 48-12	North Vietnam	17 28N - 106 37E XE 716320
		BRIEF NO: PIB 75017
MAP AMS L509 NE 48-12		July 1966

25X1

LOCATION: 0.5 nm W of Dong Hoi on Route 104.

DESCRIPTION:

LENGTH	60' approx.	MATERIAL	Concrete
WIDTH		NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	30' approx.

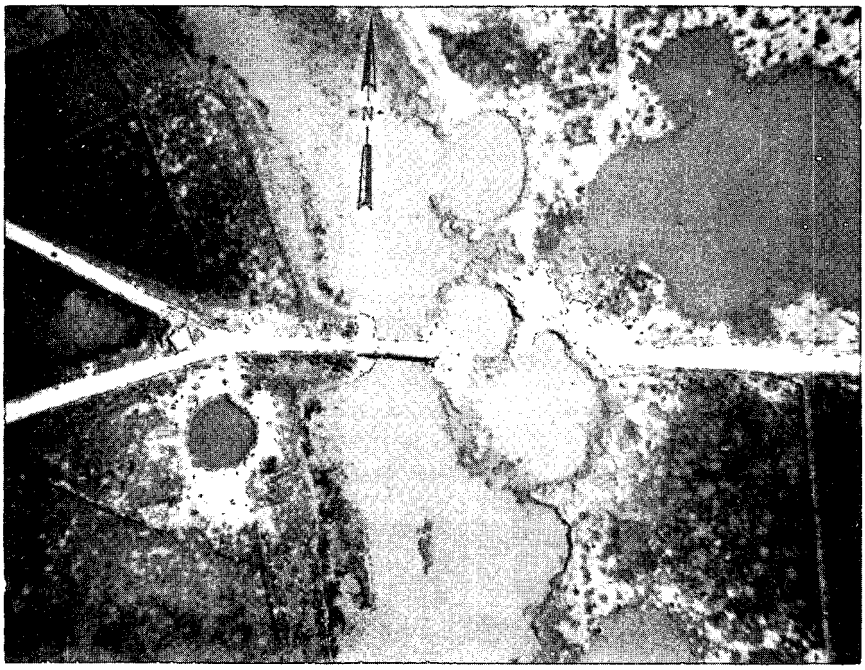
25X1

STATUS:

Approach destroyed; minor deck damage.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Thi Long RR. Bridge over stream [redacted] Bridge No. 38 on NE 48-3	North Vietnam	19 30N - 105 44E WG 770579
[redacted]		BRIEF NO: PIB 75018 July 1966
MAP AMS L509 NE 48-3		

25X1

25X1

LOCATION: 0.1 nm E of Dong Huong on the Hanoi/Vinh Rail Line.

DESCRIPTION:

LENGTH 70' approx.
WIDTH Single track
TYPE Half-through truss

MATERIAL Steel
NO. OF SPANS 1
LENGTH OF EACH SPAN 70' approx.

STATUS:

Entire span out of alignment, temporary pier destroyed; abutments damaged.

COMPENSATIVE ACTION:

By-pass under construction.

[redacted]

25X1

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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
		BRIEF NO: PIB 75019
MAP AMS L509 NE 48-7		July 1966

25X1

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

DESCRIPTION:

LENGTH	390' approx.	MATERIAL	Wood
WIDTH	Single track	NO. OF SPANS	30
TYPE	Trestle	LENGTH OF EACH SPAN	

25X1

STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

NA

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME Thi Long RR. Bridge over Suoi Cry Gang [redacted] Bridge No. 2 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 32N - 105 42E WG 742599
		BRIEF NO: PIB 75020 July 1966
MAP AMS L509 NE 48-3		

25X1

25X1

LOCATION: 0.1 nm SE of Thi Long on the Hanoi/Vinh Rail Line.

DESCRIPTION:

LENGTH	100' approx.	MATERIAL	Steel
WIDTH	Single track	NO. OF SPANS	2
TYPE	Through truss	LENGTH OF EACH SPAN	1 @ 25' approx. 1 @ 75' approx.

STATUS:

Both spans heavily damaged and twisted.

COMPENSATIVE ACTION:

By-pass bridge now serviceable.

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CIA IMAGERY ANALYSIS DIVISION

NAME Chau Lam Hwy. Bridge over Sui Da Ho [redacted] Bridge No. 97 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 22N - 105 51E WF 898320 25X1
		BRIEF NO: PIB 75021 July 1966 25X1
MAP AMS L509 NE 48-7		

LOCATION: 1.5 nm NW of Chau Lam on Route 1A.

DESCRIPTION:

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

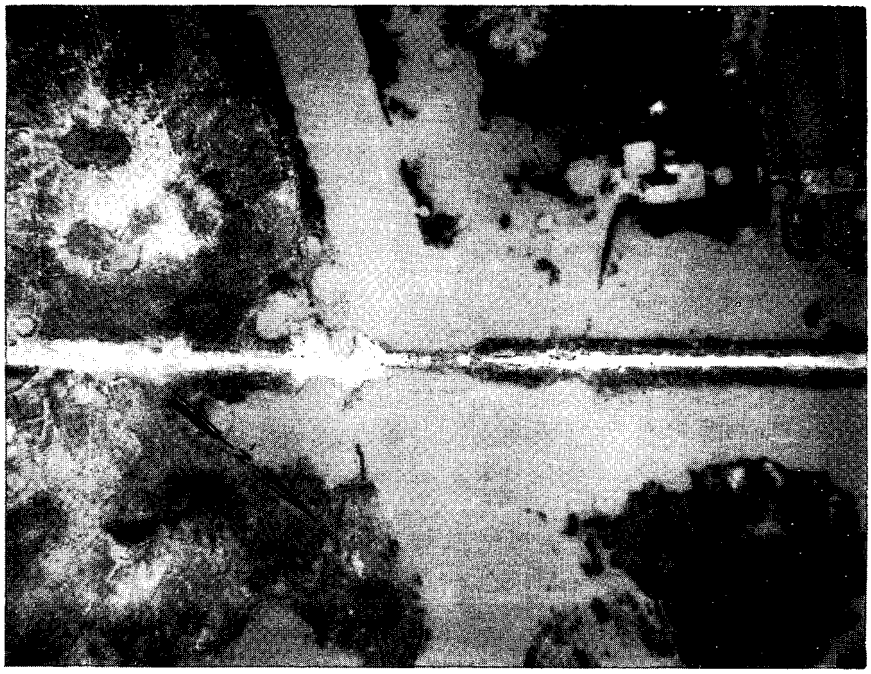
MATERIAL Wood
NO. OF SPANS 3
LENGTH OF EACH SPAN 20' approx.

STATUS:

2 spans heavily damaged; piers and abutments intact.

COMPENSATIVE ACTION:

Repairs underway.



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CIA IMAGERY ANALYSIS DIVISION

NAME Co Giang Hwy. Bridge [redacted] Bridge No. 42 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 36N - 106 20E XE 432480
		BRIEF NO: PIB 75022 July 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.2 nm W of Co Giang on Route 101.

DESCRIPTION:

LENGTH 45' approx.
WIDTH 10' approx.
TYPE Deck

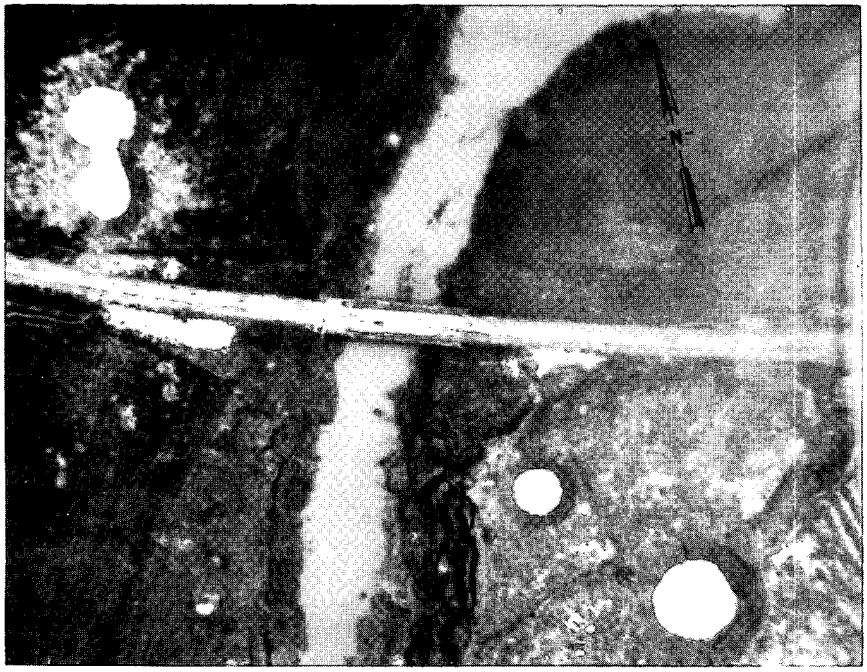
MATERIAL Timber
NO. OF SPANS 3 probable
LENGTH OF EACH SPAN 15' approx.

STATUS:

Deck slightly damaged; repaired, serviceable.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME Kim Nac Hwy. Bridge over stream [redacted] Bridge No. 23 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 13N - 106 02E XF 100155
[redacted]		BRIEF NO: PIB 75023 July 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 0.3 nm NE of Kim Nac on Route 1A.

DESCRIPTION:

LENGTH 90' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Probable concrete
NO. OF SPANS 2 probable
LENGTH OF EACH SPAN 45' approx.

STATUS:

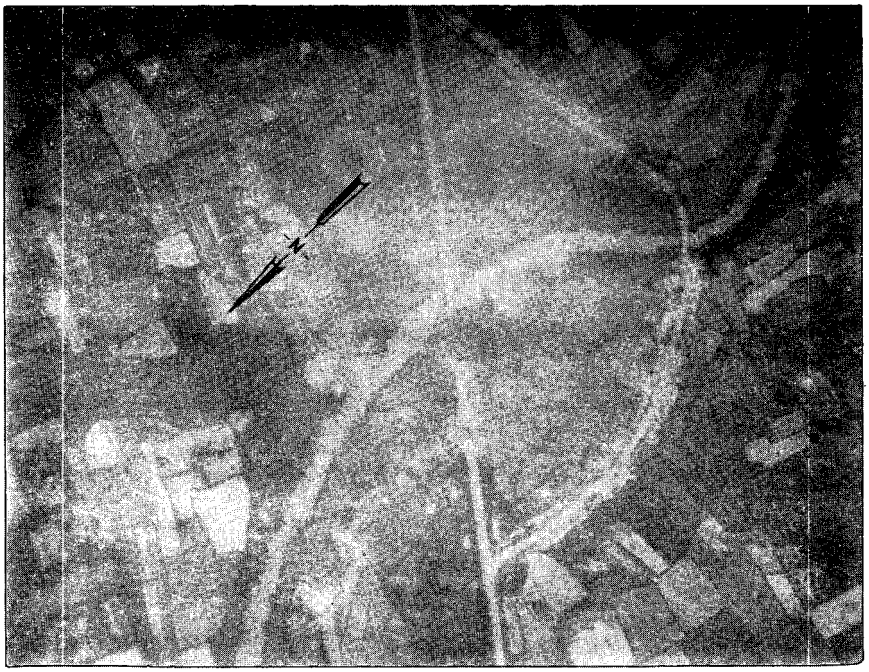
1 abutment destroyed, 1 span heavily damaged.

COMPENSATIVE ACTION:

By-pass bridge.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Luong Thien Hwy. Bridge Bridge No. 12 on NE 48-12	North Vietnam	17 12N - 106 44E XE 851016
		BRIEF NO: PIB 75024 July 1966
MAP AMS L509 NE 48-12		

25X1

LOCATION: 0.6 nm E of Luong Thien on Route 101.

DESCRIPTION:

LENGTH 150' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Wood
NO. OF SPANS 5
LENGTH OF EACH SPAN 30' approx.

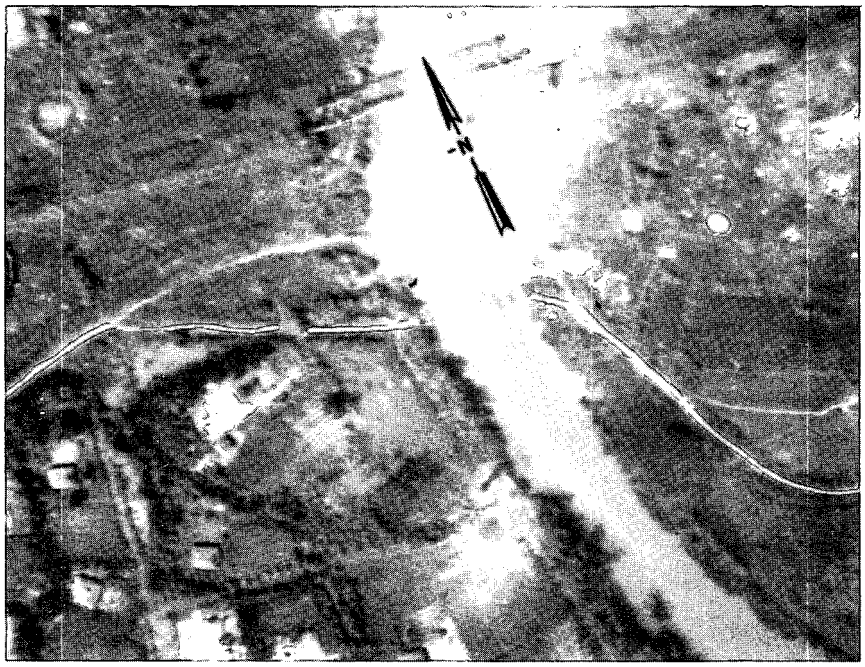
STATUS:

Destroyed.

COMPENSATIVE ACTION:

None

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Luong Thien Hwy. Bridge Bridge No. 12 on NE 48-12	North Vietnam	17 12N - 106 44E XE 851016
		BRIEF NO: PIB 75025 July 1966
MAP AMS L509 NE 48-12		

25X1

LOCATION: 0.6 nm E of Luong Thien on Route 101.

DESCRIPTION:

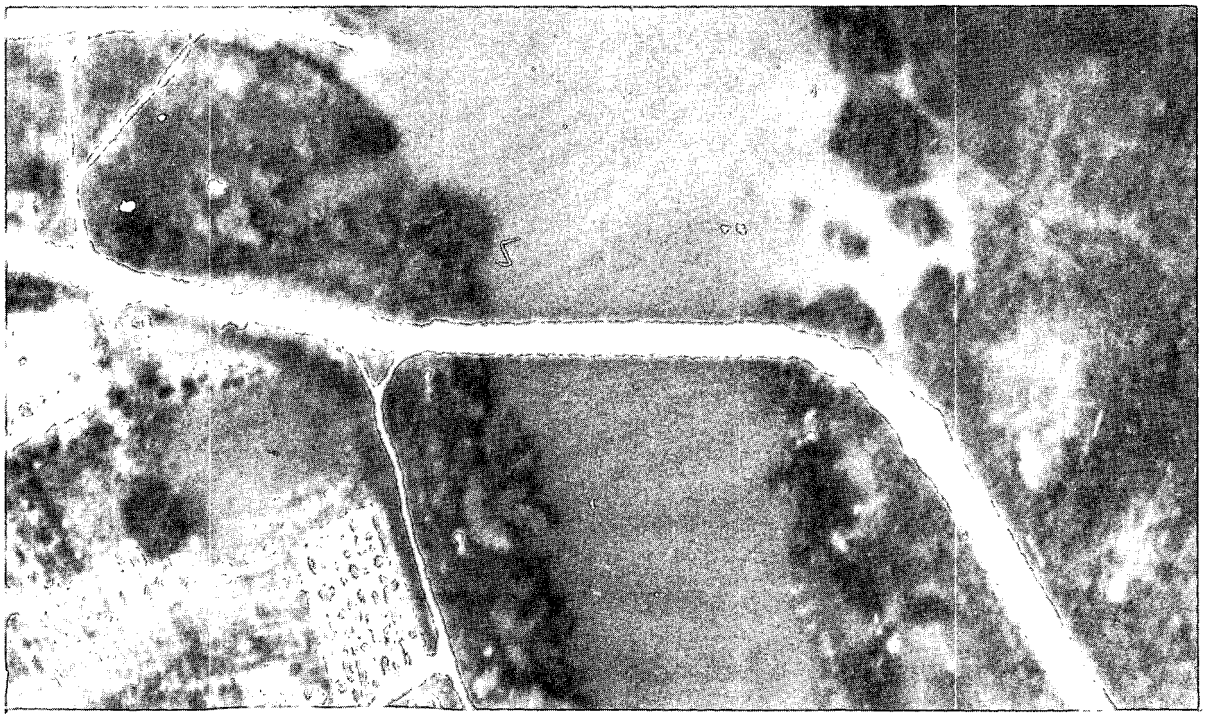
LENGTH 150' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Wood
NO. OF SPANS 5
LENGTH OF EACH SPAN 30' approx.

STATUS:
Pre-strike.

COMPENSATIVE ACTION:

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Lac Hwy. Bridge No. 2 over Bau Den [redacted] Bridge No. 65 on NE 48-7	North Vietnam	18 11N - 106 10E XF 238117
		BRIEF NO: PIB 75026 July 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 0.3 nm W of Son Kinh on unnumbered route.

DESCRIPTION:

LENGTH 100' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Wood and concrete
NO. OF SPANS 5
LENGTH OF EACH SPAN 20' approx.

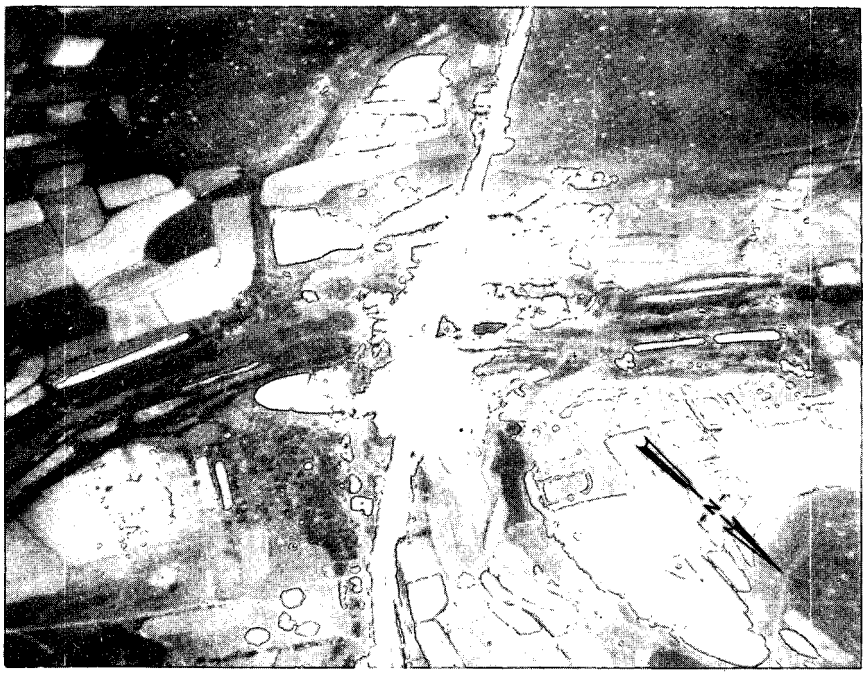
25X1

STATUS:

Abutments damaged; 2 spans damaged.

COMPENSATIVE ACTION:

Ford.



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CIA IMAGERY ANALYSIS DIVISION

NAME Than Dau Hwy. Bridge SE over Khe Luy [redacted] Bridge No. 96 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 00N - 106 28E XE 916550
[redacted]		BRIEF NO: PIB 75027 July 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 1 nm SE of Than Dau on Route 1A.

DESCRIPTION:

LENGTH 40' approx.
WIDTH [redacted]
TYPE Deck

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

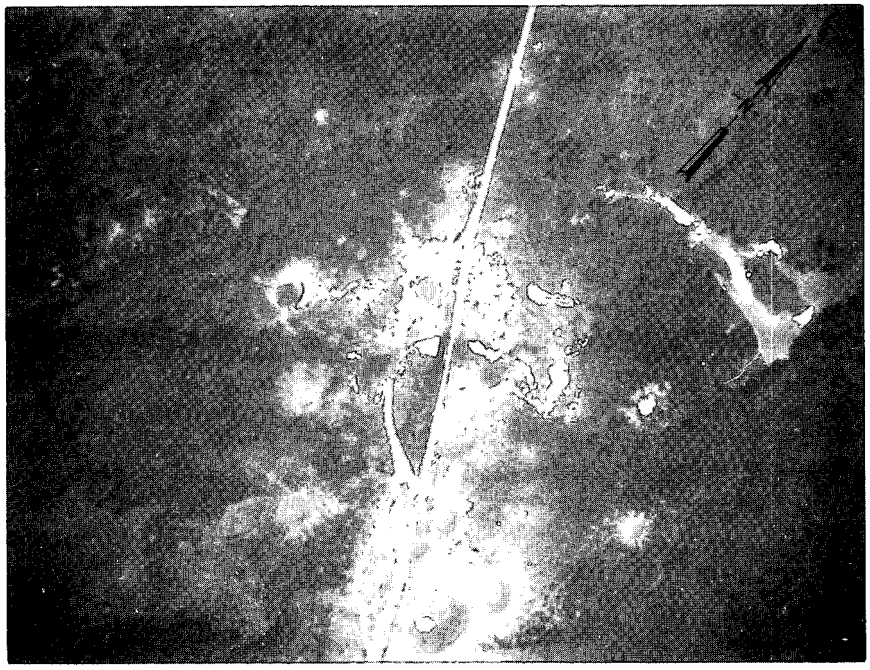
25X1

STATUS:

Span repaired; bridge serviceable.

COMPENSATIVE ACTION:

Ford.



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Qui Trinh Hwy. Bridge [redacted] Bridge No. 13 on NE 48-12	North Vietnam	17 12N - 106 43E XE 830034
[redacted]		BRIEF NO: PIB 75028 July 1966
MAP AMS L509 NE 48-12		

25X1

25X1

LOCATION: 0.4 nm SW of Qui Trinh on Route 101.

DESCRIPTION:

LENGTH [redacted]
WIDTH 20' approx.
TYPE Deck

MATERIAL Wood and concrete
NO. OF SPANS 3
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

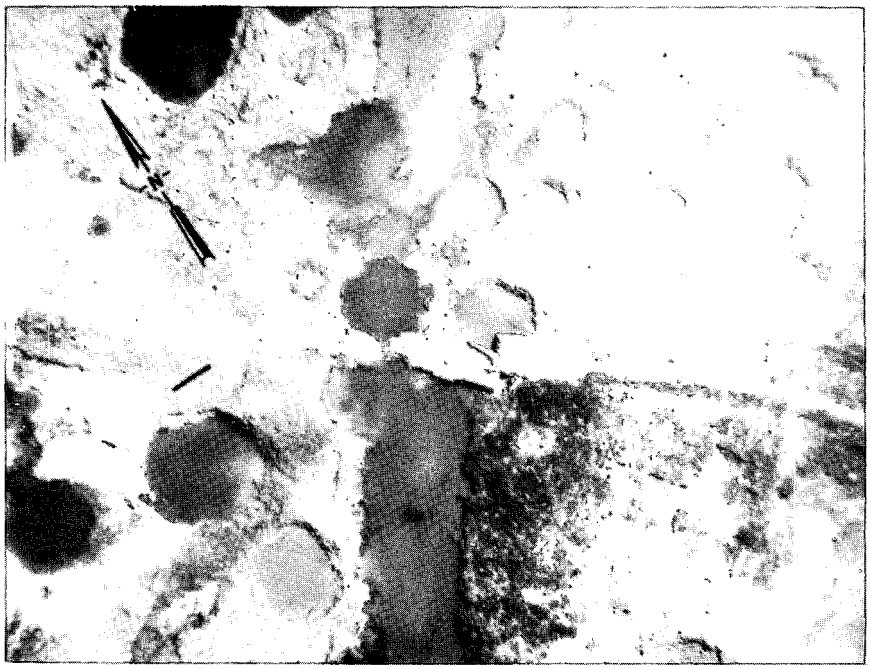
2 spans destroyed, 1 damaged.

COMPENSATIVE ACTION:

None

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Khe RR. Bridge over Khe Net [redacted] Bridge No. 11 on NE 48-11	**COUNTRY** North Vietnam	**COORDINATES** 17 59N - 105 56E WF 988877
		BRIEF NO: PIB 75029 July 1966
MAP AMS L509 NE 48-11		

25X1

25X1

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

DESCRIPTION:

LENGTH 200' approx.
WIDTH Single track
TYPE Wood, deck-beam supported by lattice towers

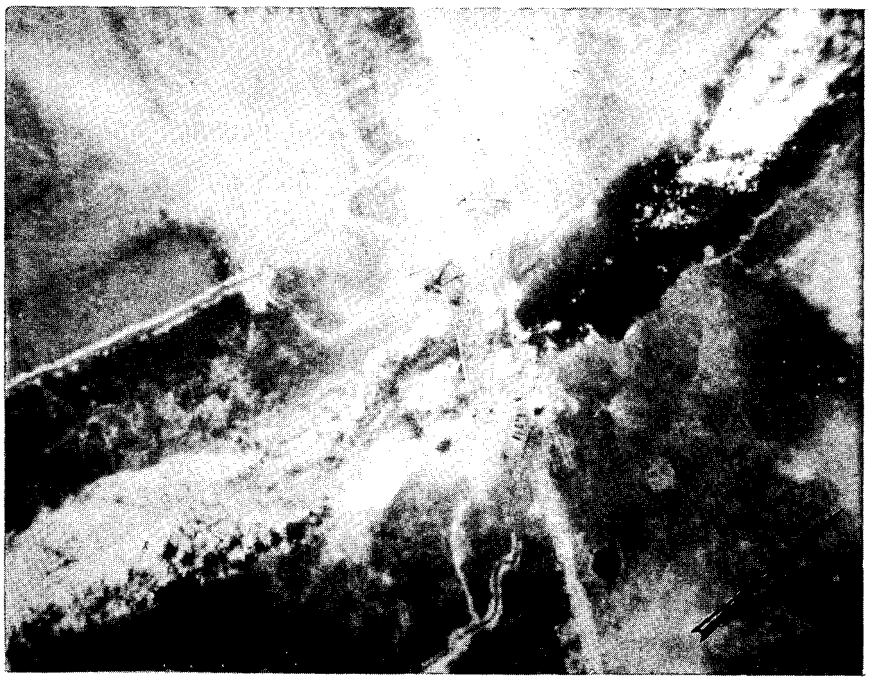
MATERIAL Timber
NO. OF SPANS 4
LENGTH OF EACH SPAN 50' approx.

STATUS:

Bridge destroyed; abutments undamaged.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME Ninh Binh RR. and Hwy. Bridge over Song Day [redacted] Bridge No. 1 on NF 48-15	**COUNTRY** North Vietnam	**COORDINATES** 20 15N - 105 59E XH 030405
[redacted]		**BRIEF NO:** PIB 75030 July 1966
MAP AMS L509 NF 48-15		

25X1

25X1

LOCATION: At Ninh Binh on Route 1.

DESCRIPTION:

LENGTH 680' approx.
WIDTH [redacted]
TYPE Through-truss with center, swing-span

MATERIAL Steel and concrete
NO. OF SPANS 8
LENGTH OF EACH SPAN 85' (2 continuous-trusses and a center, swing-span)

25X1

STATUS:

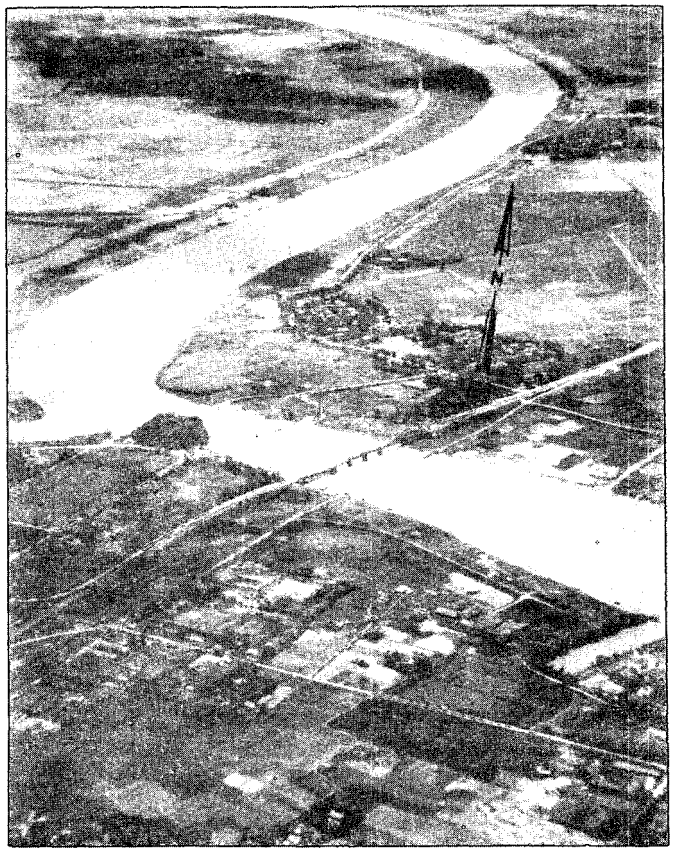
Southernmost through-truss destroyed and swing-span damaged.

COMPENSATIVE ACTION:

Swing-span repaired and truss replaced by deck with timber supports for rail traffic only.
Railroad bridge by-pass under construction west of present bridge.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Nam Lanh Hwy. Bridge over Khe Sau [redacted] Bridge No. 35 on NE 48-11	**COUNTRY** North Vietnam	**COORDINATES** 17 53N - 106 27E XE 549790
		BRIEF NO: PIB 75031 July 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.6 nm NNE of Nam Lanh on Route 1A.

DESCRIPTION:

LENGTH 60' approx.
WIDTH 20' approx.
TYPE Deck

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

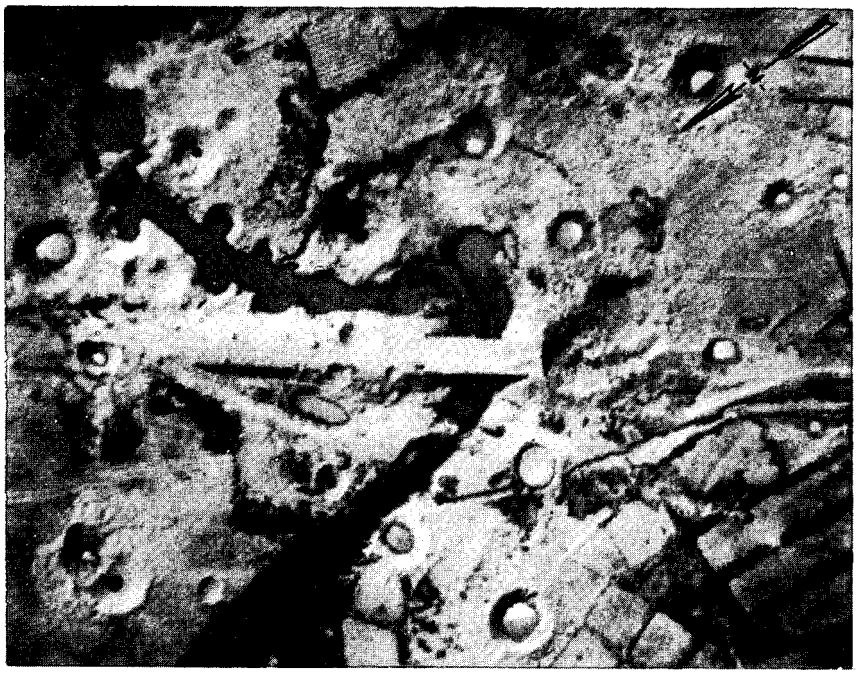
STATUS:

Approaches interdicted, one abutment lightly damaged, probable structural damage.

COMPENSATIVE ACTION:

By-pass ford.

Ref.



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CIA IMAGERY ANALYSIS DIVISION

NAME Nam Lanh Hwy. Bridge over Khe Sau [redacted] Bridge No. 35 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 35N - 106 27E XE 549790
		BRIEF NO: PIB 75032 July 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.6 nm NNE of Nam Lanh on Route 1A.

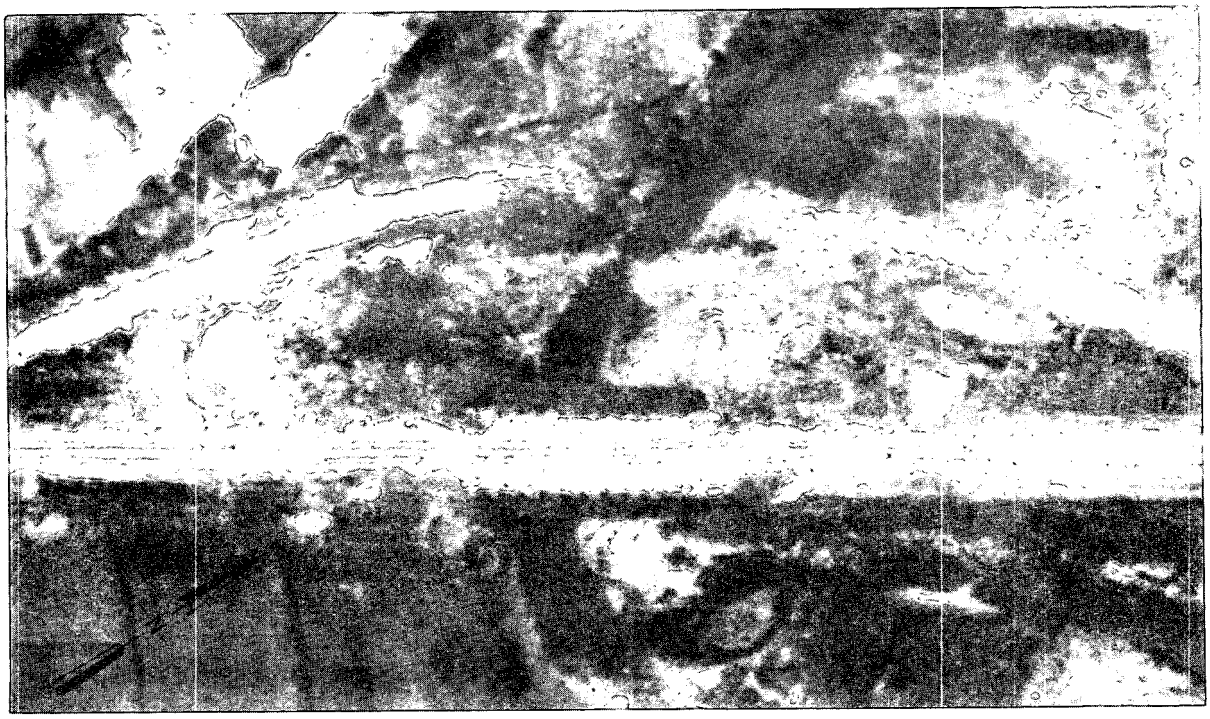
DESCRIPTION:

LENGTH 60' approx.
WIDTH 20' approx.
TYPE Deck

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

STATUS:
Pre-strike.

COMPENSATIVE ACTION:
By-pass ford. (Note "lean-to" type of concealment/camouflage.)



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Loc Dien Hwy. Bridge over stream [redacted] Bridge No. 12 on NE 48-11	North Vietnam	17 45N - 106 23E XE 471639
[redacted]		BRIEF NO: PIB 75033 August 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: At Loc Dien on Route 110.

DESCRIPTION:

LENGTH 45' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Timber
NO. OF SPANS 3 probable
LENGTH OF EACH SPAN 15' approx.

STATUS:

Bridge destroyed.

COMPENSATIVE ACTION:

Replaced by new bridge approx. 45' long, 10' wide, deck type, 3 spans of timber construction.

GROUP 1
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CIA IMAGERY ANALYSIS DIVISION

NAME Dap Cau RR. and Hwy. Bridge over Song Cau [redacted] Bridge No. 12 on NF 48-11	COUNTRY North Vietnam	COORDINATES 21 12N - 106 05E XJ 135450 25X1
[redacted]		BRIEF NO: PIB 75034 25X1
MAP JOG (A) 1501 NF 48-11		August 1966

LOCATION: 0.2 nm W of Dap Cau on Route 1A and the Hanoi/Ping-hsiang Rail Line.

DESCRIPTION:

LENGTH 550' approx.
WIDTH 25' approx.
TYPE Through truss

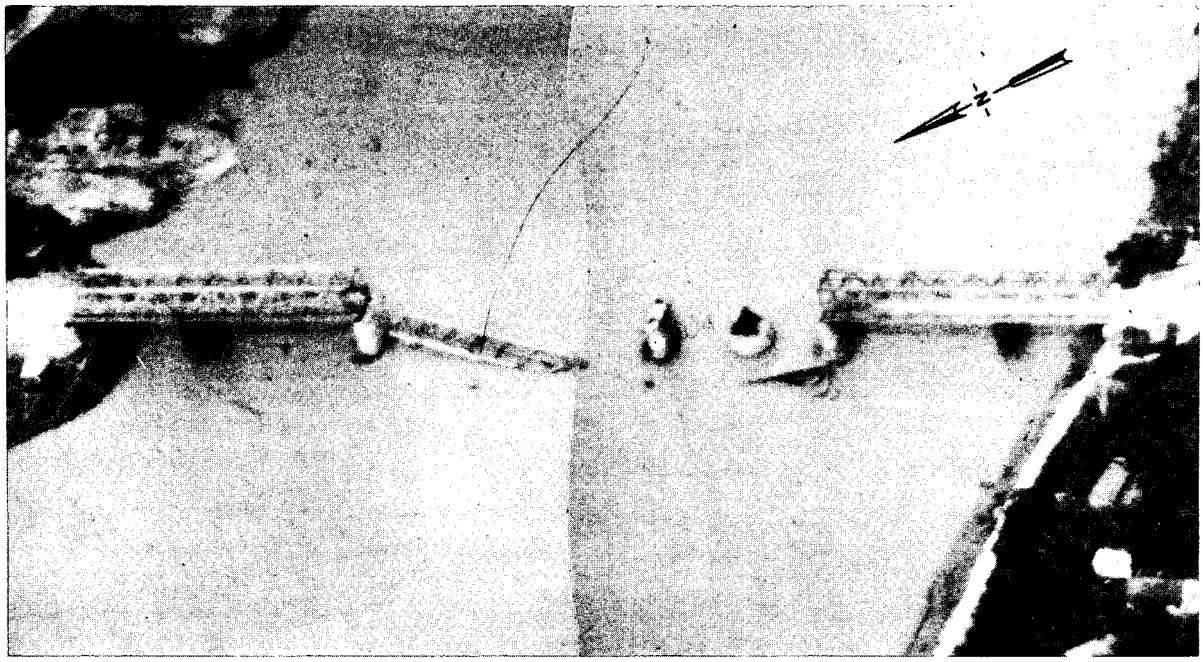
MATERIAL Steel and concrete
NO. OF SPANS 8
LENGTH OF EACH SPAN 2 @ 40' approx.
6 @ 80' approx.

STATUS:

4 spans dropped; 1 pier destroyed.

COMPENSATIVE ACTION:

Ferry and by-pass under construction.



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CIA IMAGERY ANALYSIS DIVISION

NAME Son La Hwy. Bridge over Nam La [redacted] Bridge No. 7 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 20N - 103 54E UJ 873606
[redacted]		BRIEF NO: PIB 75035 August 1966
MAP AMS L509 NF 48-10		

25X1

25X1

LOCATION: 0.5 nm SE of Ban Lan on Route 6.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

MATERIAL Timber and concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

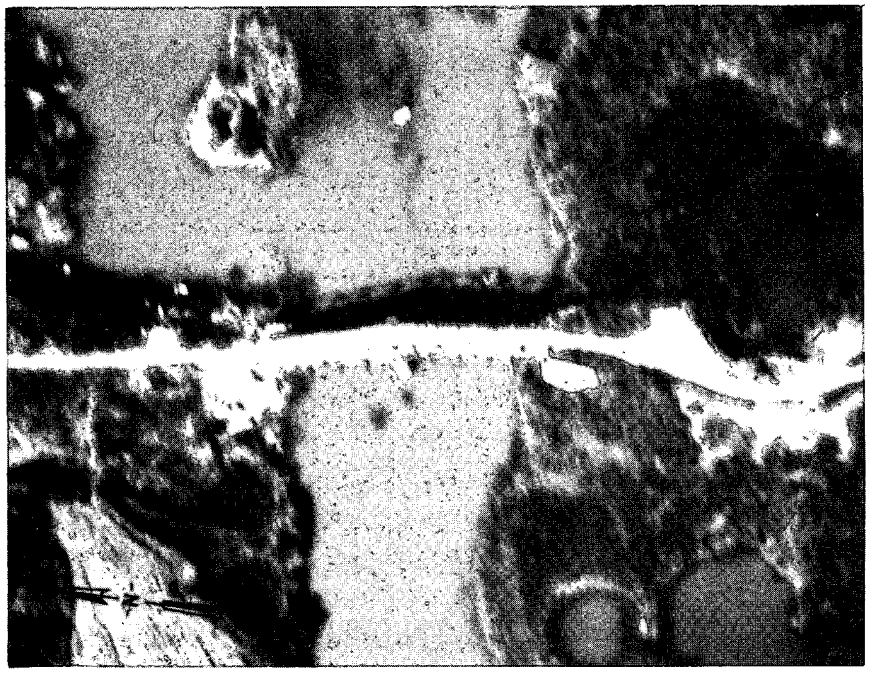
Bridge repaired and serviceable.

COMPENSATIVE ACTION:

None

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Ca Trang Hwy. Bridge No. 2 over Nam Quat [redacted] Bridge No. 17 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 57N - 105 49E WE 861859 25X1
[redacted]		BRIEF NO: PIB 75036 August 1966 25X1
MAP AMS L509 NE 48-11		

LOCATION: 0.8 nm NW of Xom Ca Trang on Route 15.

DESCRIPTION:

LENGTH 190' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Concrete and steel
NO. OF SPANS 2 probable
LENGTH OF EACH SPAN 95' approx. 25X1

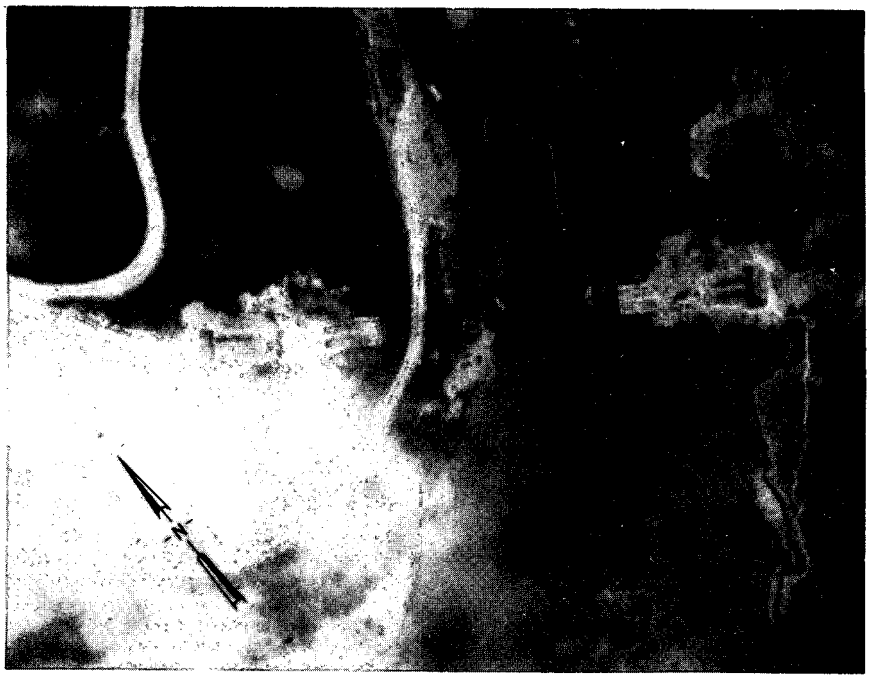
STATUS:

Bridge repaired - destroyed spans replaced by cables and removable decking.

COMPENSATIVE ACTION:

Ford

[redacted] 25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Ca Trang Hwy. Bridge No. 1 [redacted] Bridge No. 3 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 57N - 105 49E WE 865855 25X1
[redacted]		BRIEF NO: PIB 75037 August 1966 25X1
MAP AMS L509 NE 48-11		

LOCATION: 0.6 nm W of Xom Ca Trang on Route 15.

DESCRIPTION:

LENGTH 350' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Concrete and steel
NO. OF SPANS 4
LENGTH OF EACH SPAN 2 @ 85' approx.
2 @ 90' approx.

25X1

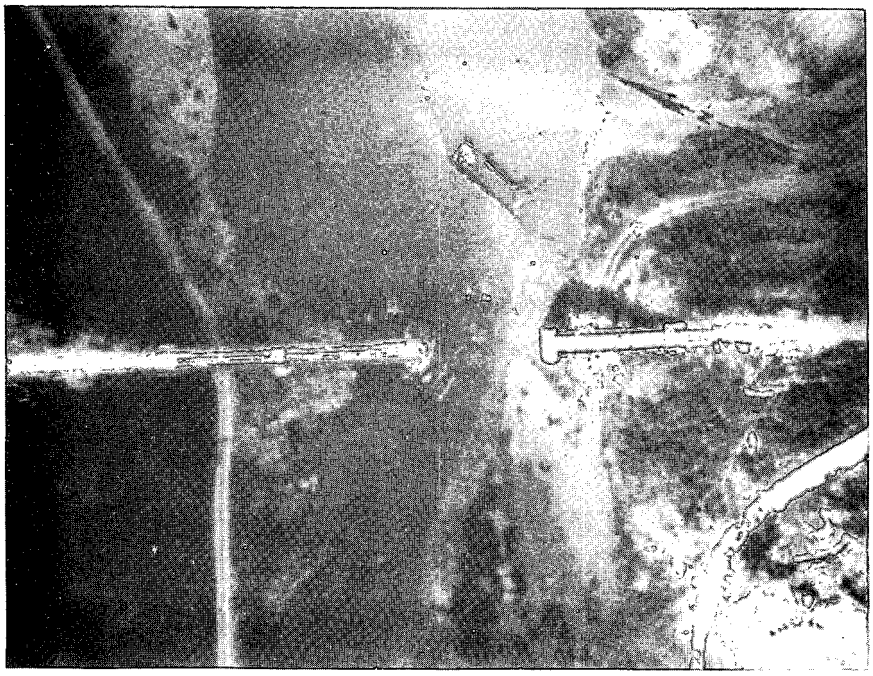
STATUS:

Bridge repaired; dropped span replaced by cables and removable decking.

COMPENSATIVE ACTION:

By-pass ford and by-pass bridge.

[redacted] 25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
My Phuoc Hwy. Bridge No. 2 Bridge No. 42 on NE 48-12	North Vietnam	17 15N - 106 48E XE 908083
		BRIEF NO: PIB 75038 July 1966

MAP AMS L509 NE 48-12

25X1

LOCATION: 0.5 nm NE of My Phuoc on unnumbered route.

DESCRIPTION:

LENGTH 70' approx.
WIDTH 10' approx.
TYPE Deck

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

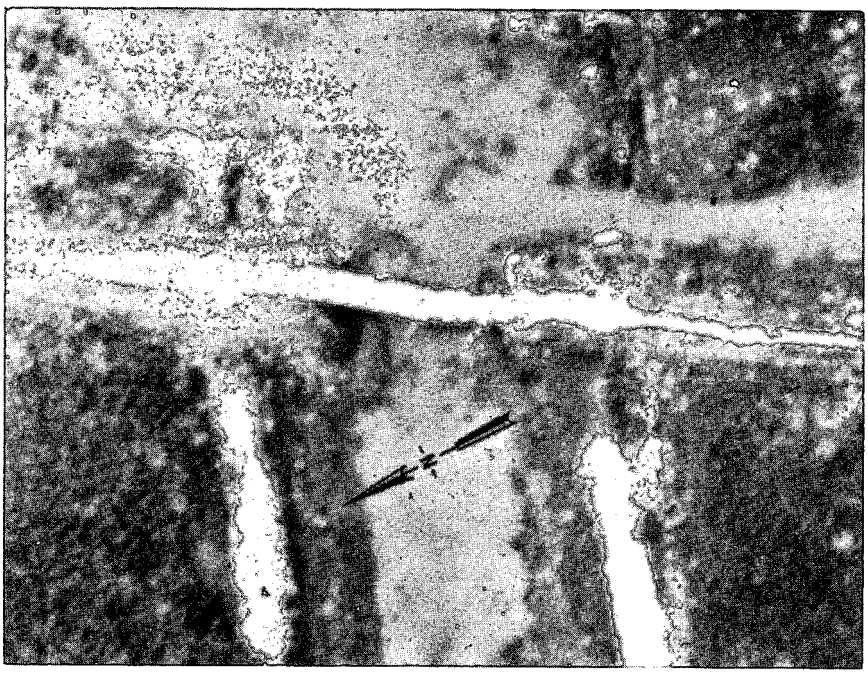
25X1

STATUS:

Probable structural damage, spans out of alignment.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
My Phuoc Hwy. Bridge No. 1 Bridge No. 43 on NE 48-12	North Vietnam	17 15N - 106 47E XE 900075
		BRIEF NO: PIB 75039 July 1966

MAP AMS L509 NE 48-12

25X1

LOCATION: 0.2 nm SE of My Phuoc on an unnumbered route.

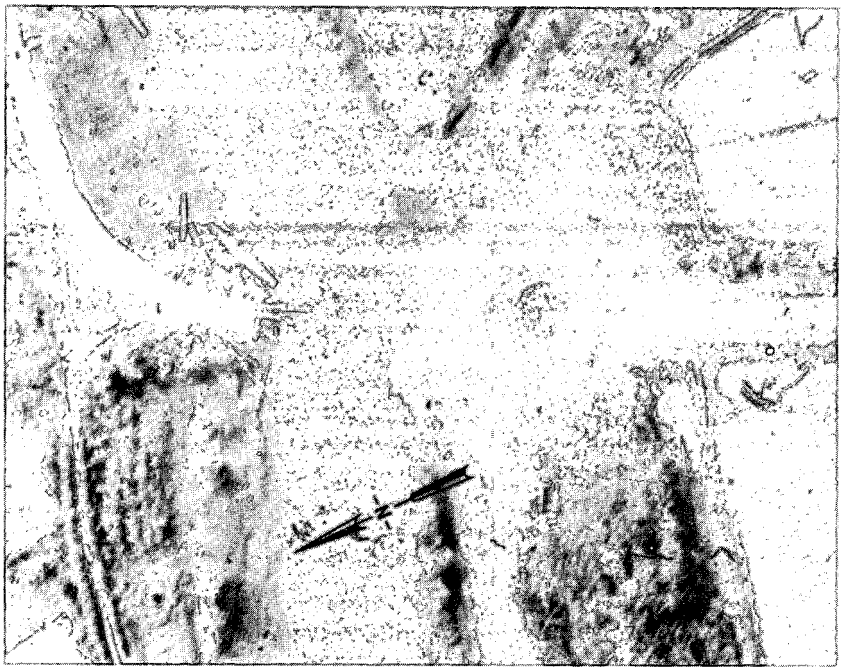
DESCRIPTION:

LENGTH 50' approx.
WIDTH 10' approx.
TYPE Deck

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

STATUS:
Destroyed.

COMPENSATIVE ACTION:
None.



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Hua Na Hwy. Bridge Bridge No. 14 on NE 48-2	North Vietnam	19 10N - 104 36E VG 589204

[redacted]

BRIEF NO: PIB 75040 25X1

MAP AMS L509 NE 48-2 July 1966

LOCATION: 1.0 nm E of Ban Hua Na on Route 7.

DESCRIPTION:

LENGTH [redacted]
WIDTH 10' approx.
TYPE Continuous Arch

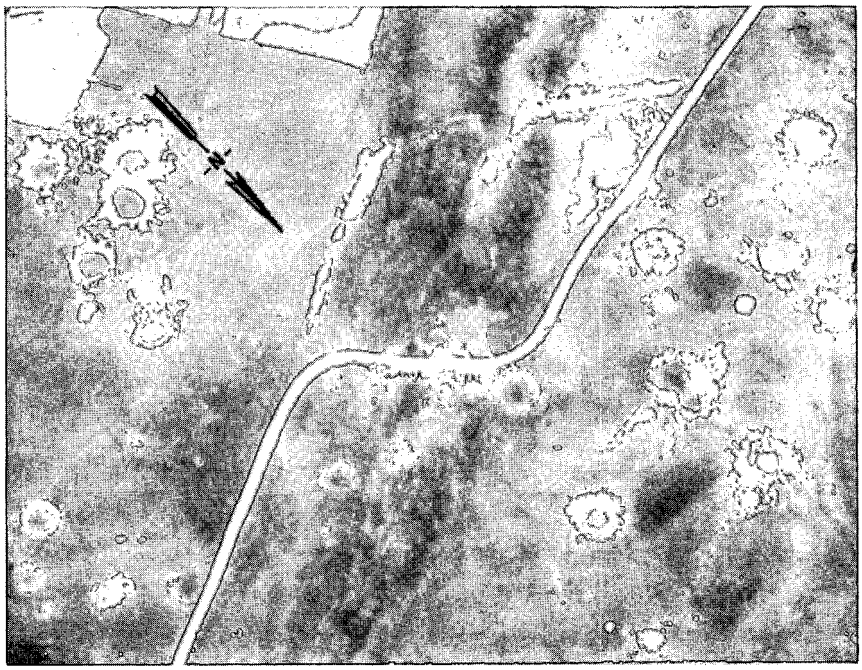
MATERIAL Concrete
NO. OF SPANS 12 arches approx. 25X1
LENGTH OF EACH SPAN [redacted] 25X1

STATUS:
Serviceable.

COMPENSATIVE ACTION:
None

[redacted] 25X1

NOTE: This PIB is to replace PIB 65118



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Bai Xa Hwy. Bridge No. 2 Bridge No. 20 on NE 48-2	North Vietnam	19 08N - 104 41E VG 679163
		BRIEF NO: PIB 75041 July 1966

25X1

MAP AMS L509 NE 48-2

LOCATION: 1.4 nm W of Bai Xa on Route 7.

DESCRIPTION:

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

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

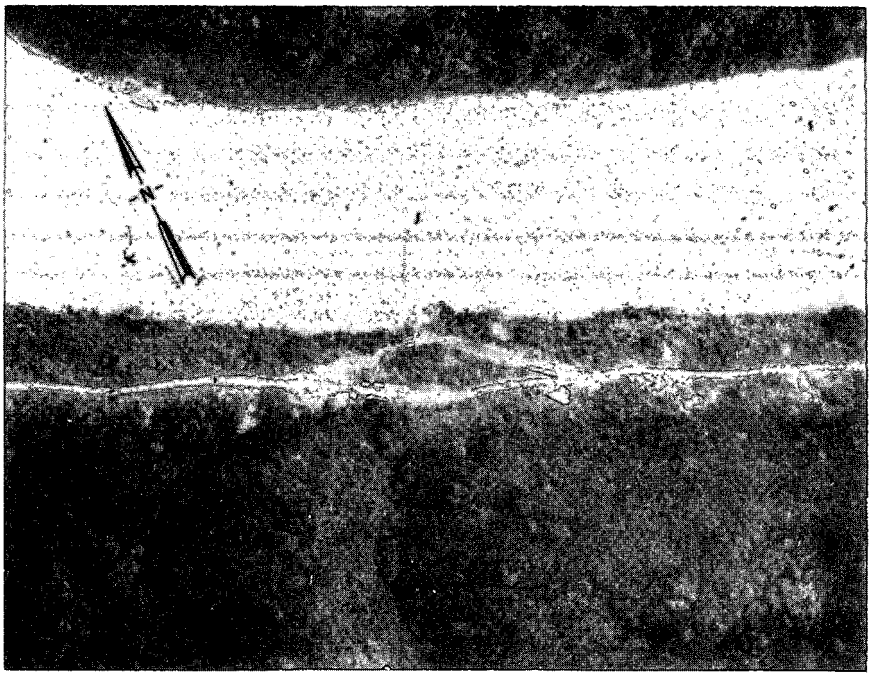
STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

None

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ha Thon Hwy. Bridge Bridge No. 3 on NE 48-12	North Vietnam	17 13N - 106 43E XE 817054
		BRIEF NO: PIB 75042 July 1966
MAP AMS L509 NE 48-12		

25X1

LOCATION: 1 nm SW of Ha Thon on Route 101.

DESCRIPTION:

LENGTH
WIDTH
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 3
LENGTH OF EACH SPAN

25X1

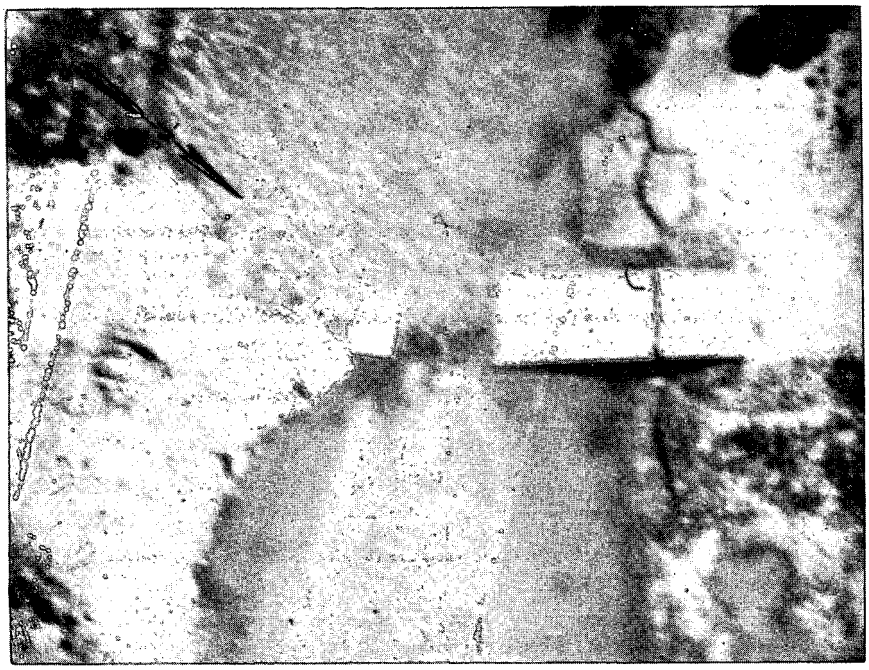
25X1

STATUS:

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

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Lang Hwy. Bridge Bridge No. 25 on NE 48-11	North Vietnam	17 51N - 106 04E XE 127743
		BRIEF NO: PIB 75043 July 1966

25X1

MAP AMS L509 NE 48-11

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

DESCRIPTION:

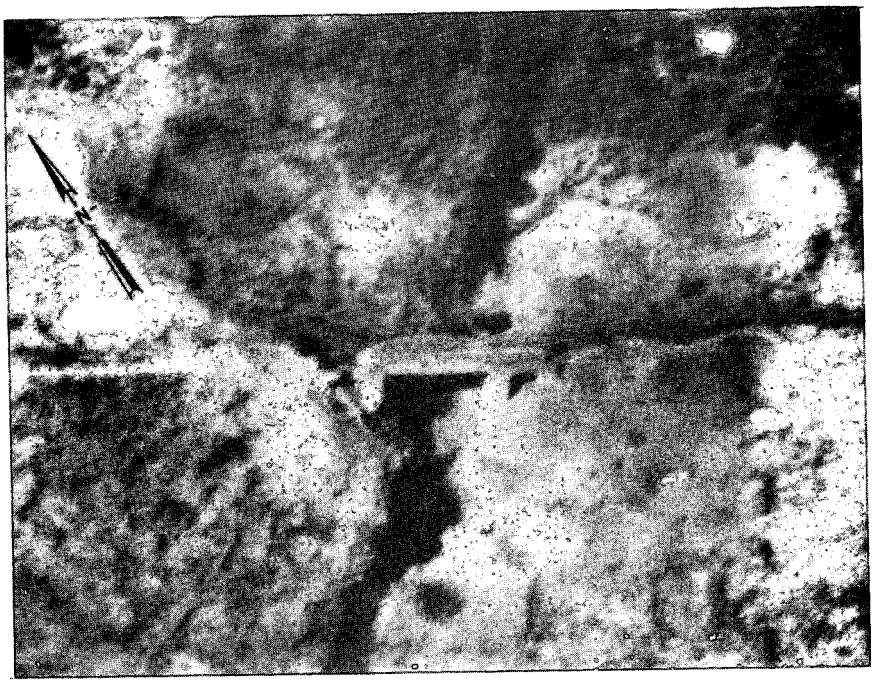
LENGTH 110' approx.
WIDTH 20' approx.
TYPE Deck

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

STATUS:
1 approach span destroyed and abutment damaged.

COMPENSATIVE ACTION:
By-pass ford.

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Nam Lanh Hwy. Bridge N over Khe Sau [redacted] Bridge No. 35 on NE 48-11	North Vietnam	17 53N - 106 27E XE 549790
[redacted]		BRIEF NO: PIB 75044
MAP AMS L509 NE 48-11		July 1966

25X1

25X1

LOCATION: 0.6 nm NNE of Nam Lanh on Route 1A.

DESCRIPTION:

LENGTH 60' approx.
WIDTH 20' approx.
TYPE Deck

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

STATUS:

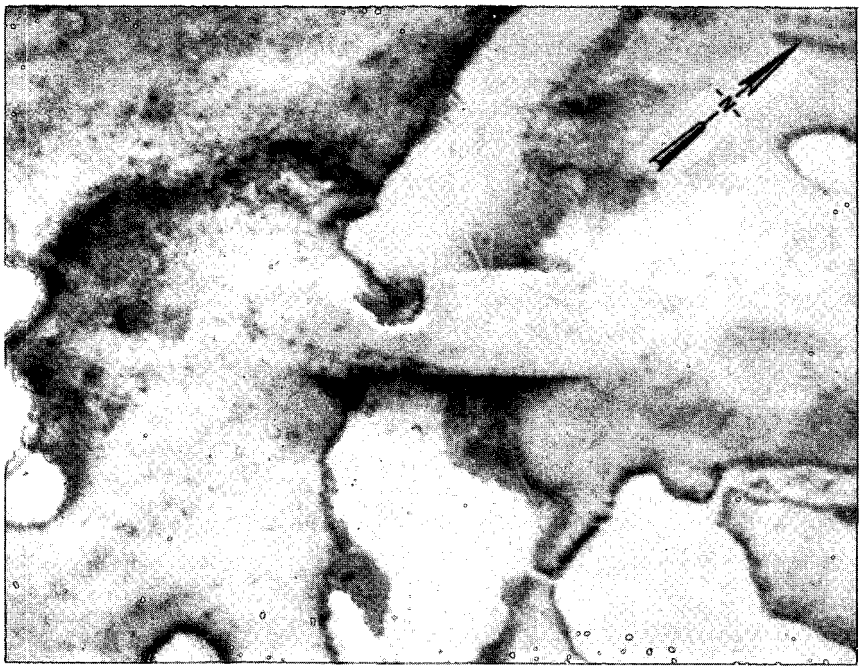
Approaches interdicted, 1 abutment severely damaged, 1 span severely damaged.

COMPENSATIVE ACTION:

None

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Lang Met Hwy. Bridge over the Song Thuong [redacted] Bridge No. 3 on NF 48-11	North Vietnam	21 30N - 106 21E XJ 399782
		BRIEF NO: PIB 75045 July 1966
MAP AMS L509 NF 48-11		

25X1

25X1

LOCATION: 0.3 nm NE of Lang Met on Route 1A.

DESCRIPTION:

LENGTH 180' approx.
WIDTH 15' approx.
TYPE Deck

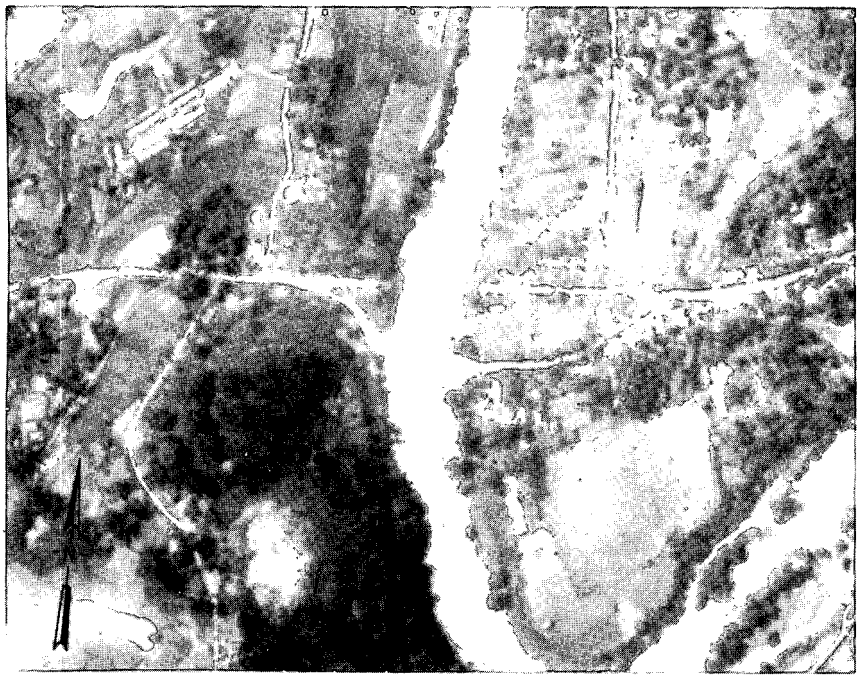
MATERIAL Concrete
NO. OF SPANS 4
LENGTH OF EACH SPAN 45' approx.

STATUS:

4 spans destroyed, 2 piers destroyed.

COMPENSATIVE ACTION:

Pontoon bridge.



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ben Thuy Hwy. Bridge Bridge No. 98 on NE 48-7	North Vietnam	18 37N - 105 43E WF 747589
		BRIEF NO: PIB 75046 July 1966

25X1

MAP AMS L509 NE 48-7

LOCATION: 0.3 nm W of Ben Thuy on Route 1A.

DESCRIPTION:

LENGTH
WIDTH
TYPE Deck

MATERIAL Wood and concrete
NO. OF SPANS 6
LENGTH OF EACH SPAN

25X1

25X1

STATUS:

2 spans dropped; 1 severely damaged.

COMPENSATIVE ACTION:

None

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CIA IMAGERY ANALYSIS DIVISION

NAME Son Kinh Hwy. Bridge SE over Bau Den [redacted] Bridge No. 64 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 11N - 106 11E XE 254116
[redacted]		BRIEF NO: PIB 75047
MAP AMS L509 NE 48-7		July 1966

25X1

25X1

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

DESCRIPTION:

LENGTH 60' approx.
WIDTH [redacted]
TYPE Deck

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

25X1

STATUS:

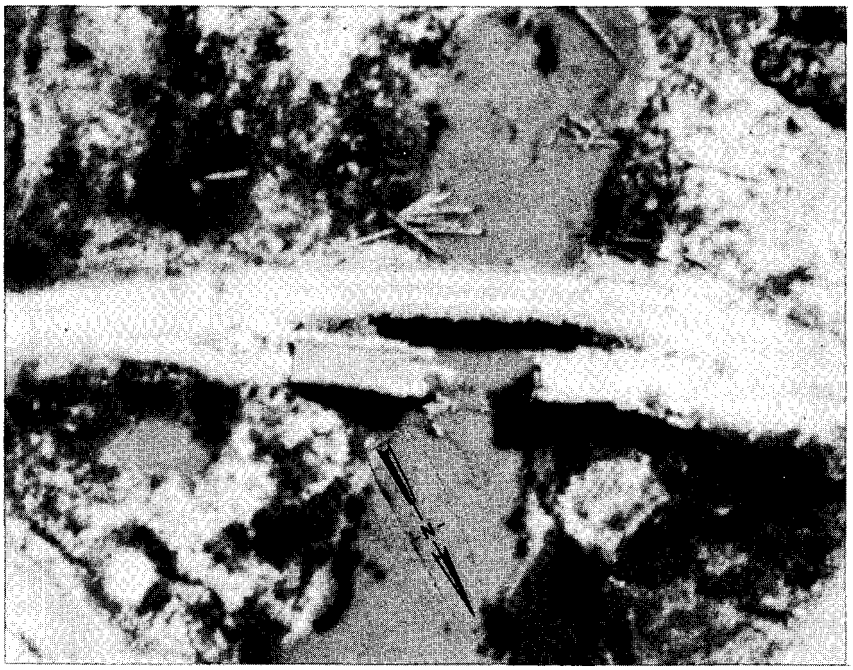
Center span destroyed.

COMPENSATIVE ACTION:

By-pass bridge adjacent to highway bridge.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Kim Nac Hwy. Bridge over stream [redacted] Bridge No. 23 on NE 48-7	North Vietnam	18 13N - 106 02E XF 100155
[redacted]		BRIEF NO: PIB 75048 July 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 0.3 nm NE of Kim Nac on Route 1A.

DESCRIPTION:

LENGTH 90' approx.
WIDTH 10' approx.
TYPE Deck

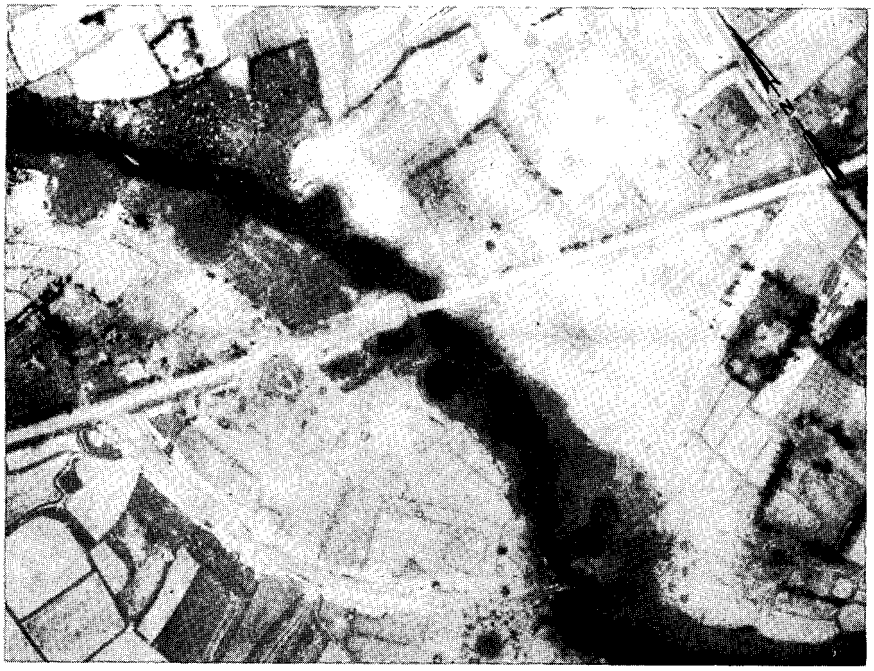
MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 45' approx.

STATUS:
1 span destroyed.

COMPENSATIVE ACTION:
By-pass bridge (destroyed).

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Tam Da Pontoon Bridge Bridge No. 82 on NE 48-7	North Vietnam	18 50N - 105 39E WF 688839
		BRIEF NO: PIB 75049 July 1966

25X1

MAP AMS L509 NE 48-7

LOCATION: 2.2 nm NE of Tam Da on Route 1A.

DESCRIPTION:

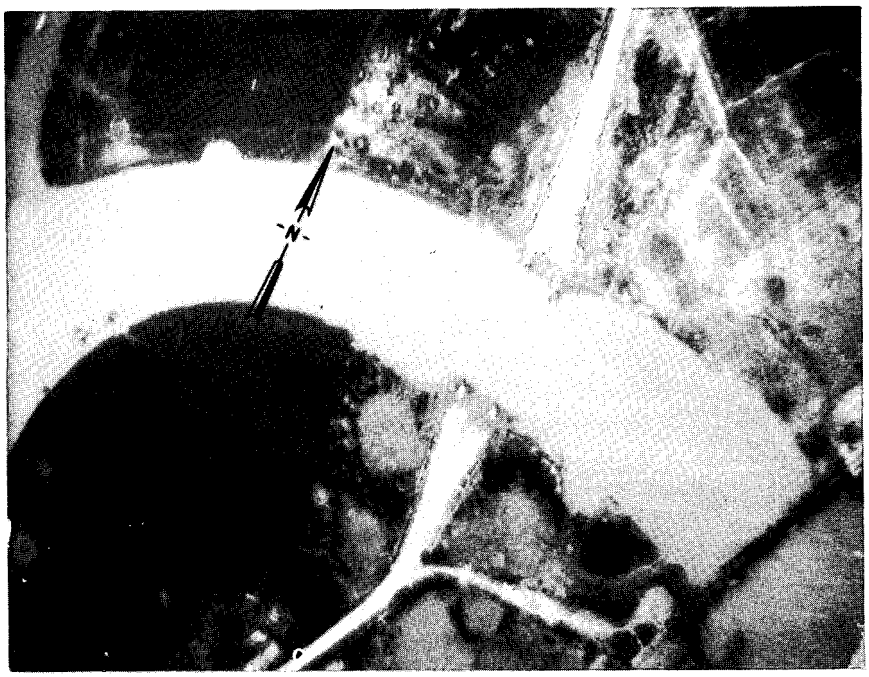
LENGTH 360' approx.
WIDTH 10' approx.
TYPE Pontoon

MATERIAL Wood
NO. OF SPANS -
LENGTH OF EACH SPAN -

STATUS:
Completely destroyed.

COMPENSATIVE ACTION:
None apparent.

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Tam Da Pontoon Bridge Bridge No. 82 on NE 48-7	North Vietnam	18 50N - 105 39E WF 688839
[redacted]		BRIEF NO: PIB 75050 July 1966
MAP AMS L509 NE 48-7		

25X1

LOCATION: 2.2 nm NE of Tam Da on Route 1A.

DESCRIPTION:

LENGTH	360' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	-
TYPE	Pontoon	LENGTH OF EACH SPAN	-

STATUS:

Pre-strike

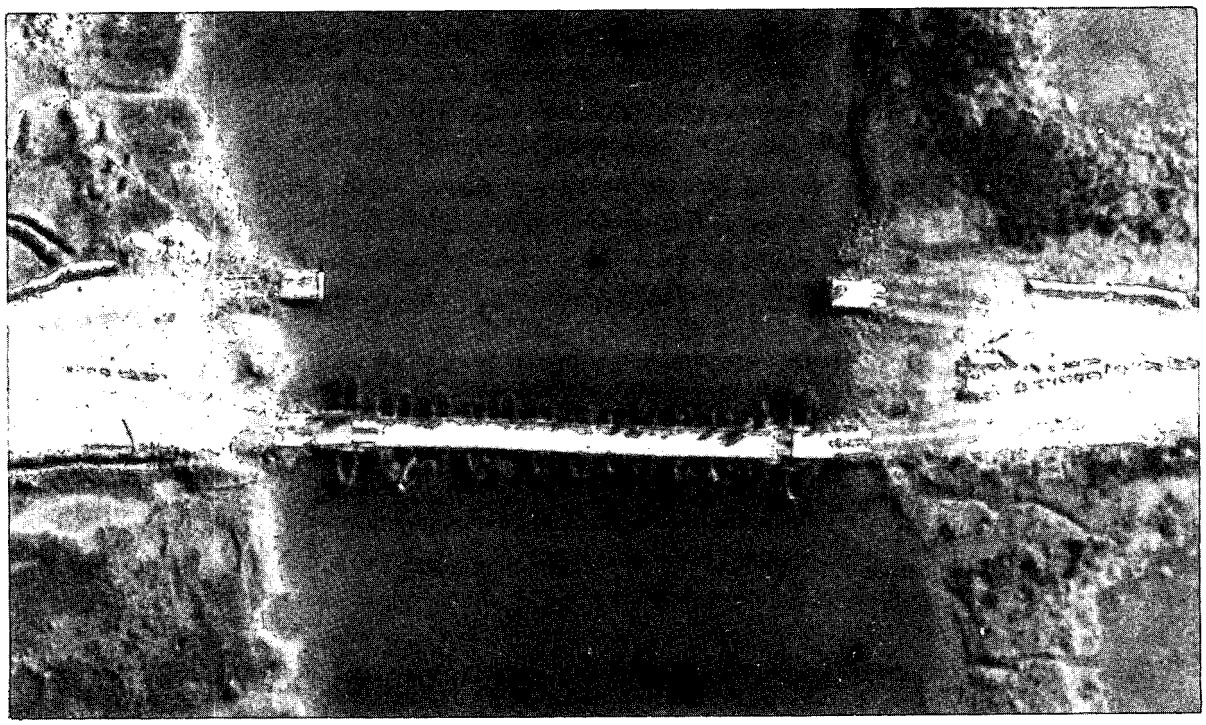
COMPENSATIVE ACTION:

This pontoon bridge is located adjacent to the Tam Da Highway Ferry which was constructed as a by-pass for the damaged Tam Da RR. and Hwy. Bridge over Song Cau Lo [redacted]

25X1

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Phuong Linh RR. Bridge Bridge No. 9 on NF 48-11	North Vietnam	21 28N - 105 06E WJ 109734
		BRIEF NO: PIB 75051 July 1966

25X1

MAP AMS L509 NF 48-11

LOCATION: 0.1 nm NE of Phuong Linh on the Hanoi/Lao Kay Rail Line.

DESCRIPTION:

LENGTH 70' approx.
WIDTH Single track
TYPE Half-through truss

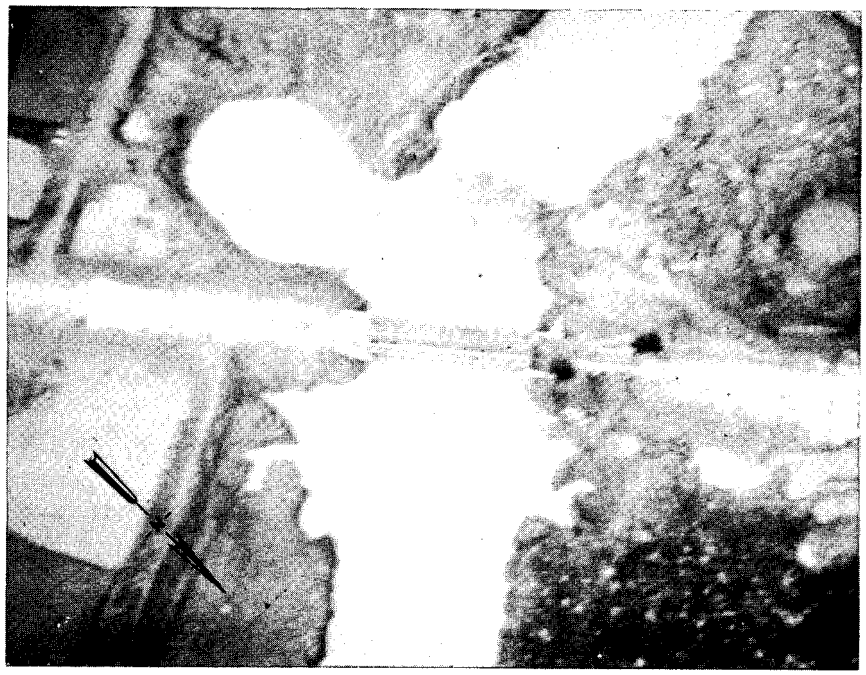
MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 70' approx.

STATUS:

Moderate damage to approaches; bridge alignment slightly altered but probably still serviceable. Slight damage to 1 abutment.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Khe Hwy. Bridge Bridge No. 56 on NE 48-3	North Vietnam	19 03N - 105 34E WG 615065
		BRIEF NO: PIB 75052 July 1966
MAP AMS L509 NE 48-3		

25X1

LOCATION: 1.0 nm S of Dong Khe on Route 1A.

DESCRIPTION:

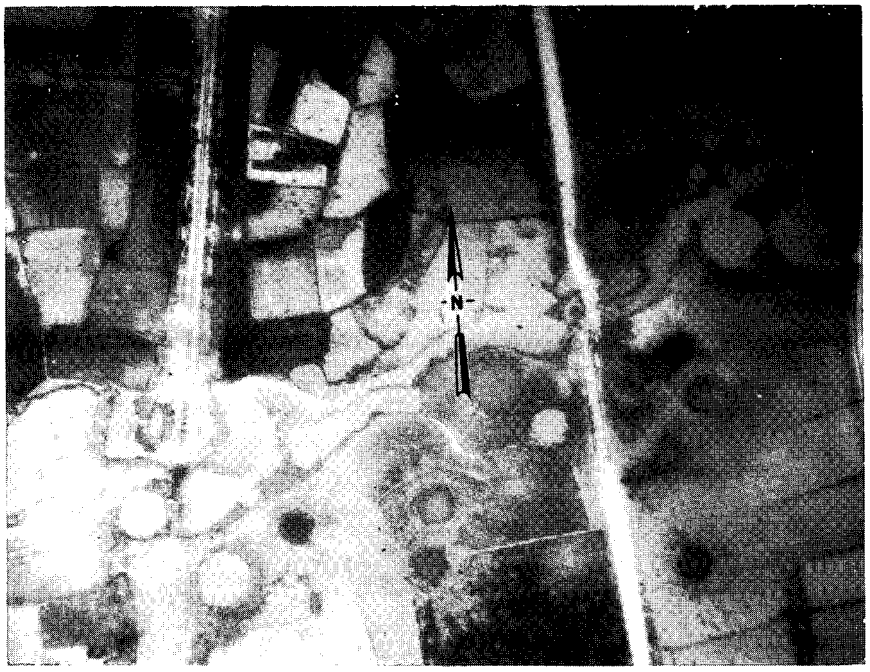
LENGTH 25' approx.
WIDTH
TYPE Deck

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

25X1

STATUS:
Completely destroyed.

COMPENSATIVE ACTION:
Causeway with culvert immediately adjacent to old bridge.



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Khe Hwy. Bridge Bridge No. 56 on NE 48-3	North Vietnam	19 03N - 105 34E WG 615065

BRIEF NO: PIB 75052 25X1

MAP AMS L509 NE 48-3 July 1966

LOCATION: 1.0 nm S of Dong Khe on Route 1A.

DESCRIPTION:

LENGTH 25' approx.
WIDTH
TYPE Deck

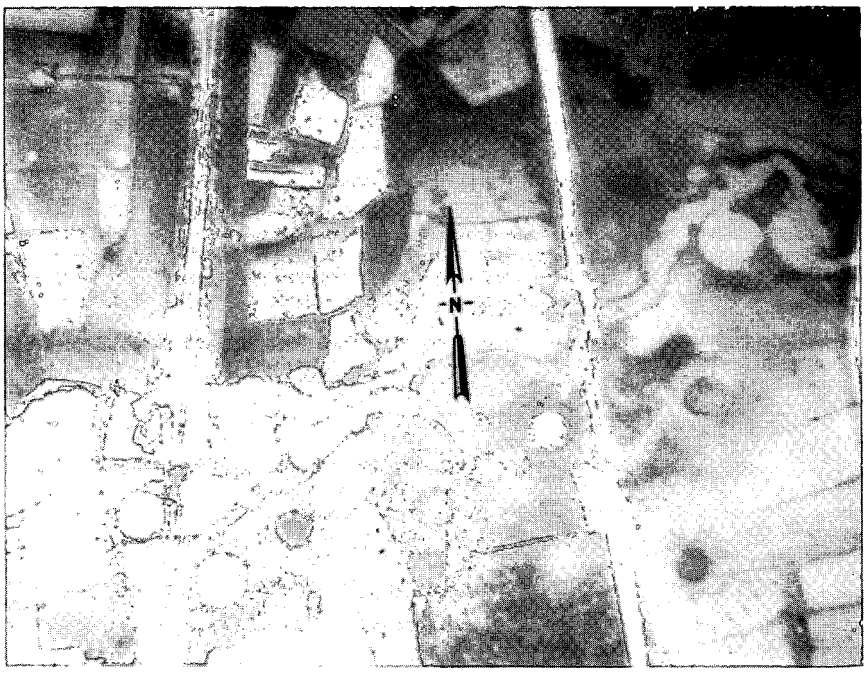
MATERIAL Probable concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 25' approx. 25X1

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

Causeway with culvert immediately adjacent to old bridge.



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CIA IMAGERY ANALYSIS DIVISION

NAME Dong Khe RR. Bridge over stream [redacted] Bridge No. 49 on NE 48-3	**COUNTRY** North Vietnam	**COORDINATES** 19 03N - 105 34E WG 609074
[redacted]		**BRIEF NO:** PIB 75053 July 1966
MAP AMS L509 NE 48-3		

25X1

25X1

LOCATION: 0.5 nm S of Dong Khe on the Hanoi-Vinh Rail Line.

DESCRIPTION:

LENGTH [redacted]
WIDTH Single track
TYPE Half-through truss

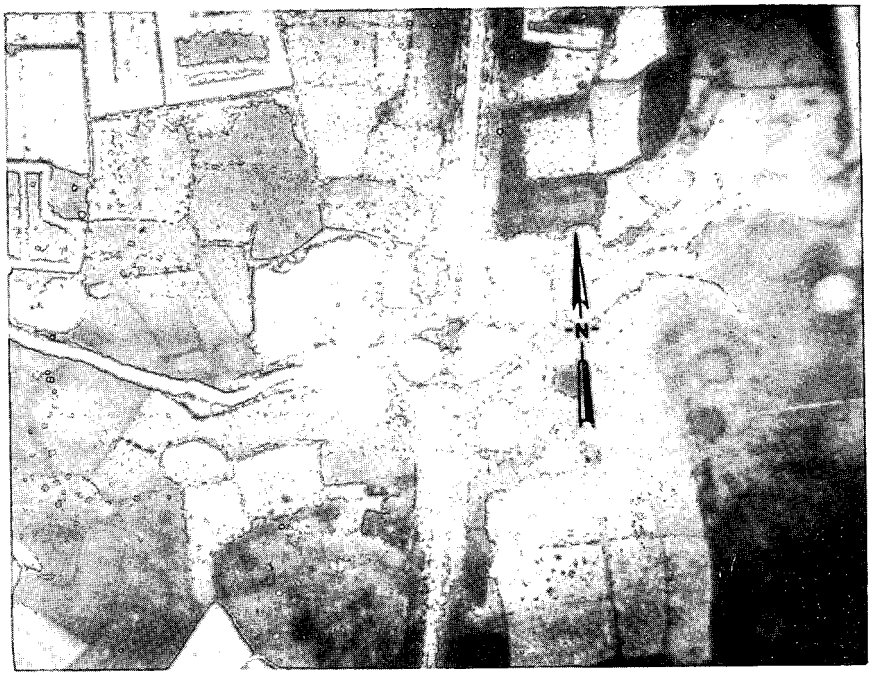
MATERIAL Steel and concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:
Repaired and serviceable.

COMPENSATIVE ACTION:
NA



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Lac Hwy. Bridge Bridge No. 6 on NF 48-10	North Vietnam	21 19N - 103 55E UJ 876584

BRIEF NO: PIB 75054 25X1

MAP AMS L509 NF 48-10 July 1966

LOCATION: 0.5 nm W of Ban Lac on Route 6.

DESCRIPTION:

LENGTH 40' approx.
WIDTH
TYPE Deck

MATERIAL Concrete and wood
NO. OF SPANS 2
LENGTH OF EACH SPAN 20' approx. 25X1

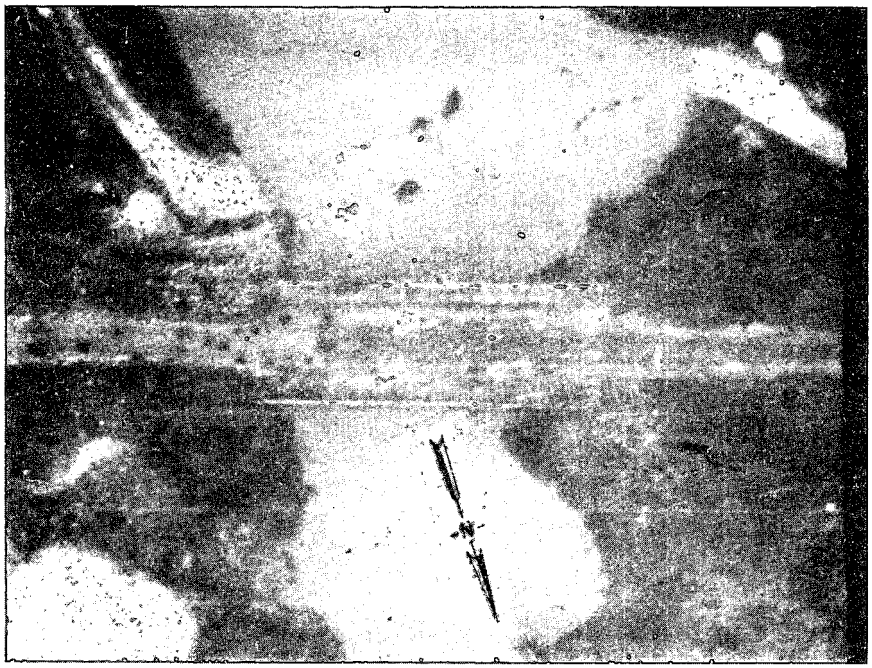
STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

None

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Tam Da RR. and Hwy. Bridge over Song Cua Lo [redacted] Bridge No. 18 on NE 48-7	North Vietnam	18 50N - 105 39E WF 689840
[redacted]		BRIEF NO: PIB 75055 August 1966
MAP AMS L509 NE 48-7		

25X1

25X1

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

DESCRIPTION:

LENGTH 360' approx.
WIDTH Single track
TYPE Combination deck beam/ half-through truss

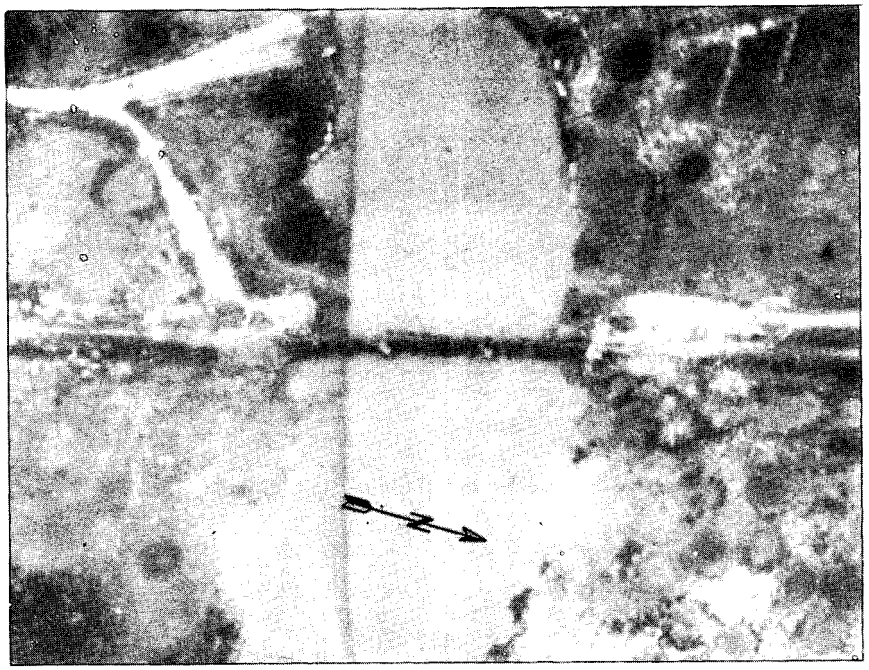
MATERIAL Wood, concrete and steel
NO. OF SPANS 8
LENGTH OF EACH SPAN 45' approx.

STATUS:
Repaired and serviceable for light rail equipment.

COMPENSATIVE ACTION:
By-pass W of Bridge U/C.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Veng Hwy. Bridge Bridge No. 12 on NF 48-9	North Vietnam	21 32N - 103 21E UJ 292827
		BRIEF NO: PIB 75056 August 1966

25X1

MAP AMS L509 NF 48-9

LOCATION: 1.0 nm SW of Ban Veng on Route 19.

DESCRIPTION:

LENGTH 180' approx.
WIDTH
TYPE Half-through truss

MATERIAL Steel and concrete
NO. OF SPANS 3
LENGTH OF EACH SPAN 60' approx.

25X1

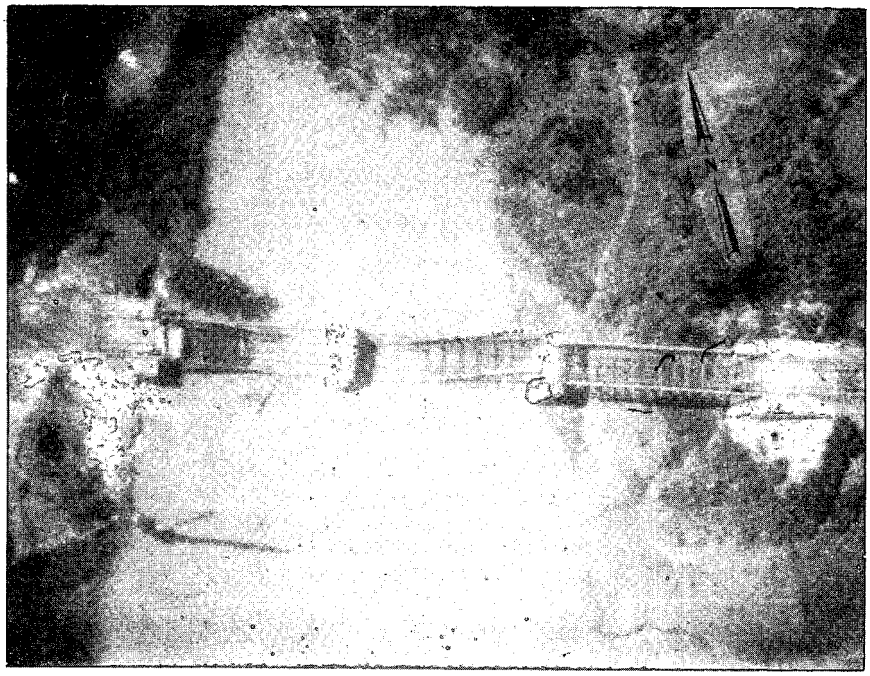
STATUS:

2 spans dropped, piers and abutments intact.

COMPENSATIVE ACTION:

Cables have been strung possibly to support removable deck sections.

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Xom Phuong RR. Bridge Bridge No. 4 on NE 48-12	North Vietnam	17 32N - 106 33E XE 646406
		BRIEF NO: PIB 75057
MAP AMS L509 NE 48-12		August 1966

25X1

LOCATION: 0.3 nm S of Xom Phuong on abandoned Vinh/Dong Hoi RR.

DESCRIPTION:

LENGTH 350' approx.
WIDTH
TYPE Deck

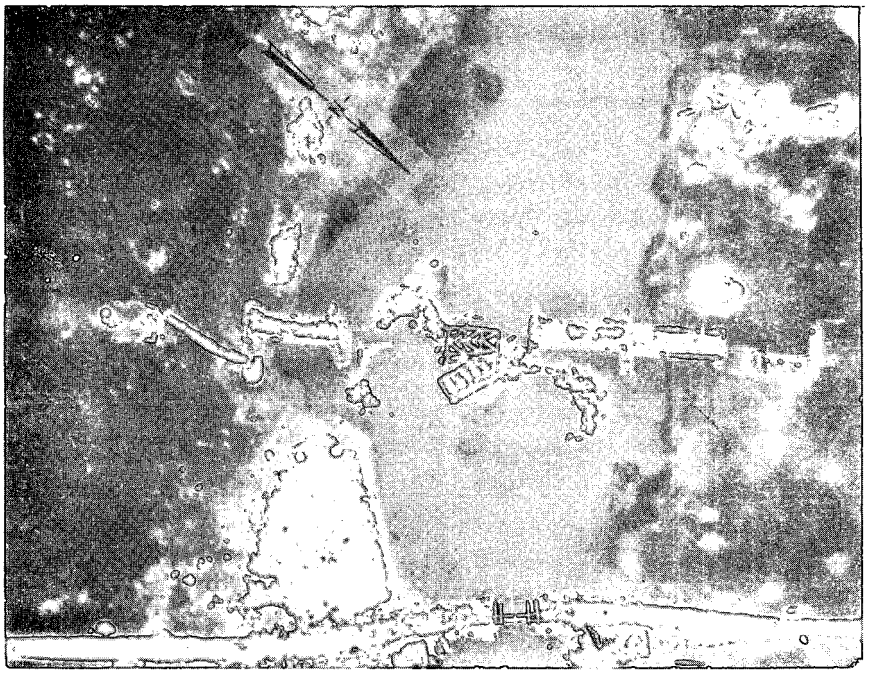
MATERIAL Concrete and steel
NO. OF SPANS 7
LENGTH OF EACH SPAN 50' approx.

25X1

STATUS:
4 spans destroyed, 2 spans out of alignment, 1 pier destroyed.

COMPENSATIVE ACTION:
Ford

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Thai Nguyen Hwy. Bridge over Song Cau [redacted] Bridge No. 6 on NF 48-11	COUNTRY North Vietnam	COORDINATES 21 35N - 105 50E WJ 870883
		BRIEF NO: PIB 75058 August 1966
MAP AMS L509 NF 48-11		

25X1

25X1

LOCATION: 0.1 nm N of Thai Nguyen on Route 1B.

DESCRIPTION:

LENGTH 160' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Wood
NO. OF SPANS 7
LENGTH OF EACH SPAN 6 @ 25' approx.
1 @ 10' approx.

25X1

STATUS:

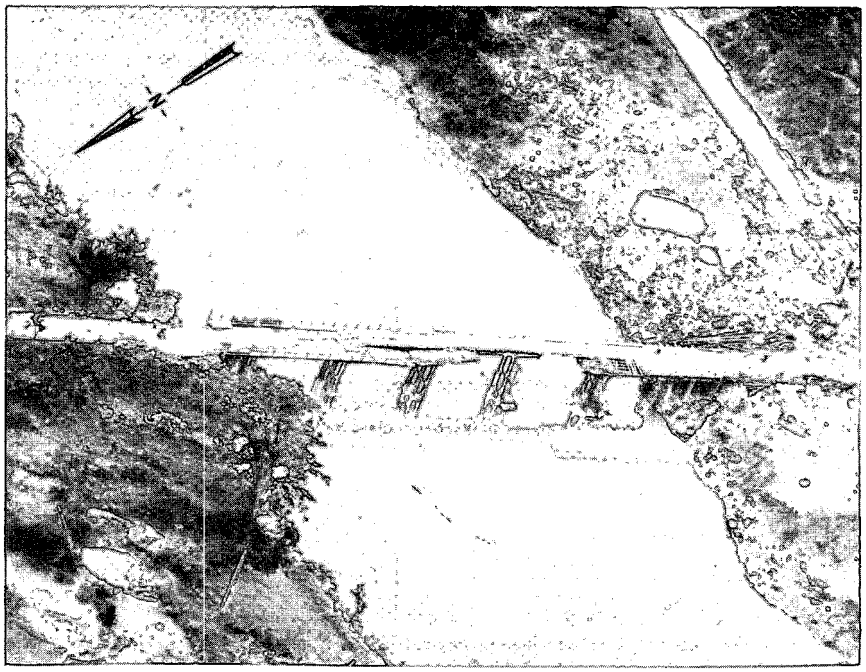
2 bridge spans previously dropped have been replaced by single lane spans - bridge now serviceable.

COMPENSATIVE ACTION:

Ford

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Trai Tranh Xom Hwy. Bridge No. 2 over Khe Thuong NE [redacted] Bridge No. 99 on NE 48-7	**COUNTRY** North Vietnam	**COORDINATES** 18 05N - 105 48E WE 855988
		BRIEF NO: PIB 75059 August 1966
MAP AMS L509 NE 48-7		

25X1
25X1
25X1

LOCATION: 0.8 nm SE of Trai Tranh Xom on Route 15.

DESCRIPTION:

LENGTH [redacted]
WIDTH 10' approx.
TYPE Deck

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

25X1
25X1

STATUS:

Spans and piers destroyed.

COMPENSATIVE ACTION:

Ford

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Phuc Hoi Hwy. Bridge over Khe Mo [redacted] Bridge No. 90 on NE 48-7	North Vietnam	18 06N - 105 47E WF 837012
[redacted]		BRIEF NO: PIB 75060 August 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 0.2 nm S of Phuc Hoi on Route 15.

DESCRIPTION:

LENGTH 60' approx.
WIDTH [redacted]
TYPE Deck

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

25X1

STATUS:

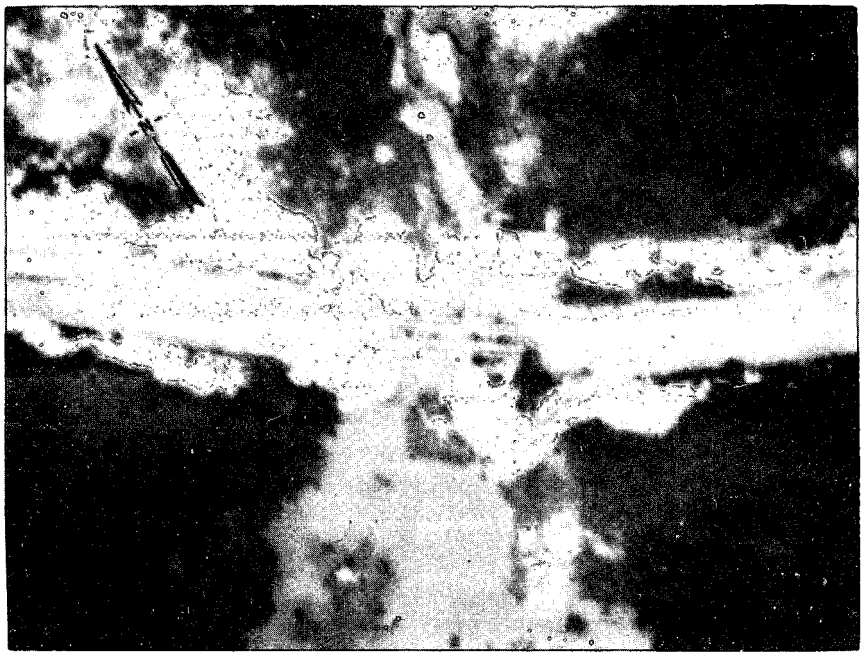
Bridge has been rebuilt with two piers. Stringers have been laid to support truck traffic.

COMPENSATIVE ACTION:

By-pass bridge to southwest.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Duc Pho Hwy. Bridge NW over stream [redacted] Bridge No. 47 on NE 48-12	North Vietnam	17 26N - 106 36E XE 707293
[redacted]		BRIEF NO: PIB 75061 August 1966
MAP AMS L509 NE 48-12		

25X1

25X1

LOCATION: 0.7 nm NW of Duc Pho on the abandoned rail line west of Dong Hoi.

DESCRIPTION:

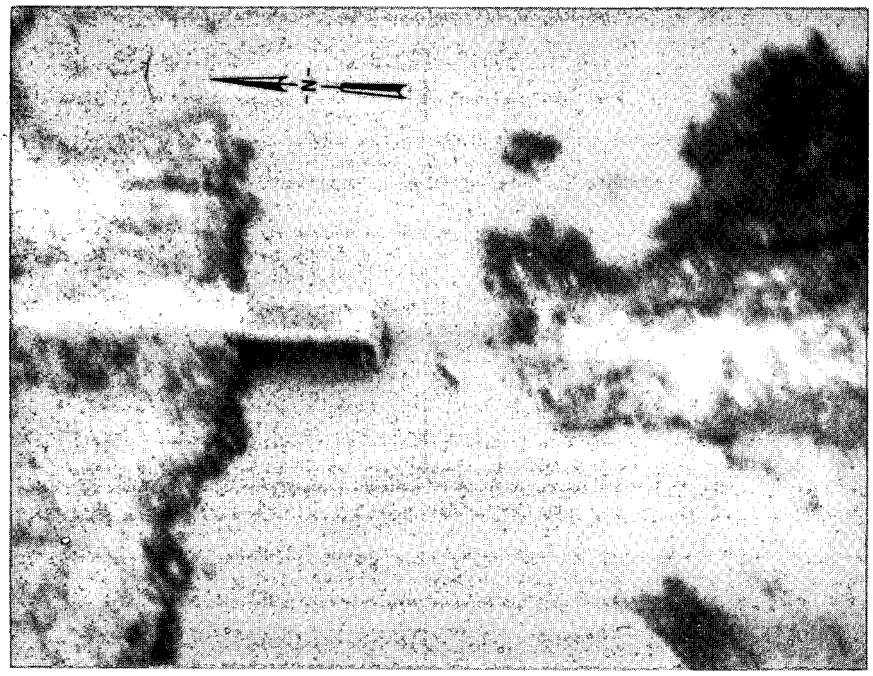
LENGTH 90' approx.
WIDTH
TYPE [redacted] Deck

MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 45' approx.

25X1

STATUS:
1 span destroyed.

COMPENSATIVE ACTION:
None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Phu Le RR. Bridge Bridge No. 45 on NE 48-11	North Vietnam	17 36N - 106 28E XE 562479
		BRIEF NO: PIB 75062 July 1966
MAP AMS L509 NE 48-11		

25X1

LOCATION: 1.1 nm SE of Phu Le on the abandoned Vinh/Dong Hoi Rail Line.

DESCRIPTION:

LENGTH 100' approx.
WIDTH 15' approx. (Single track)
TYPE Half-through truss

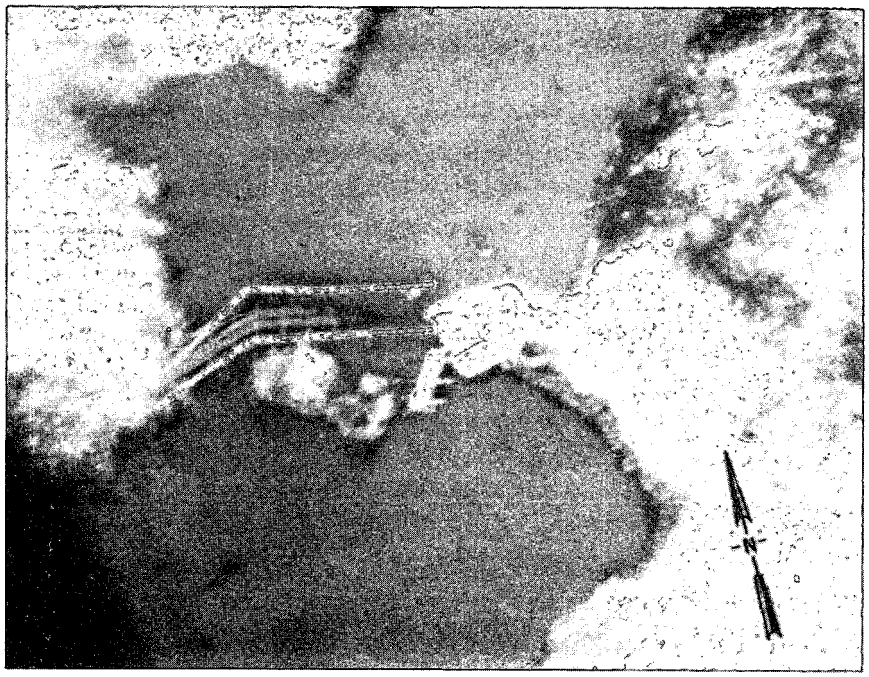
MATERIAL Steel and concrete
NO. OF SPANS 2 probable
LENGTH OF EACH SPAN 50' approx.

STATUS:

Destroyed; both spans dropped; abutments heavily damaged.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME Kim Lu Xa RR. Bridge over Khe Dan [redacted] Bridge No. 44 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 57N - 105 58E XE 021848
[redacted]		BRIEF NO: PIB 75063 August 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.1 nm N of Kim Lu Xa on Vinh/Dong Hoi RR.

DESCRIPTION:

LENGTH 140' approx.
WIDTH 10' approx. (Single track)
TYPE Deck-beam w/lattice towers

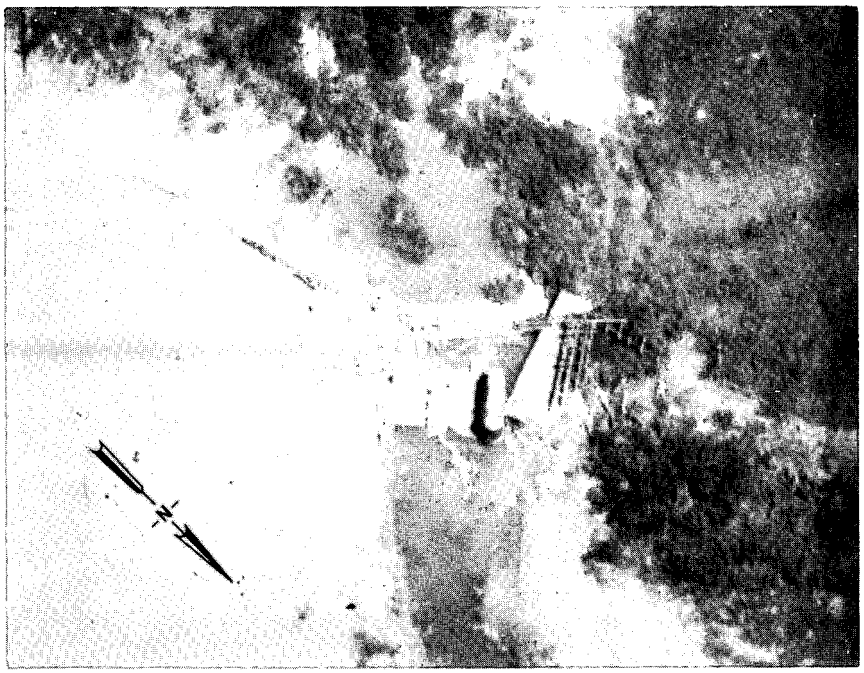
MATERIAL Timber
NO. OF SPANS 2 probable
LENGTH OF EACH SPAN 70' approx.

STATUS:

Both spans destroyed; 1 pier, 1 abutment intact.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Vinh Tuy Hwy. Bridge Bridge No. 48 on NE 48-12	North Vietnam	17 23N - 106 37E XE 722220
		BRIEF NO: PIB 75064 August 1966

25X1

MAP AMS L509 NE 48-12

LOCATION: 0.5 nm SW of Vinh Tuy on Route 101.

DESCRIPTION:

LENGTH [redacted]
WIDTH 20' approx.
TYPE Deck

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

25X1

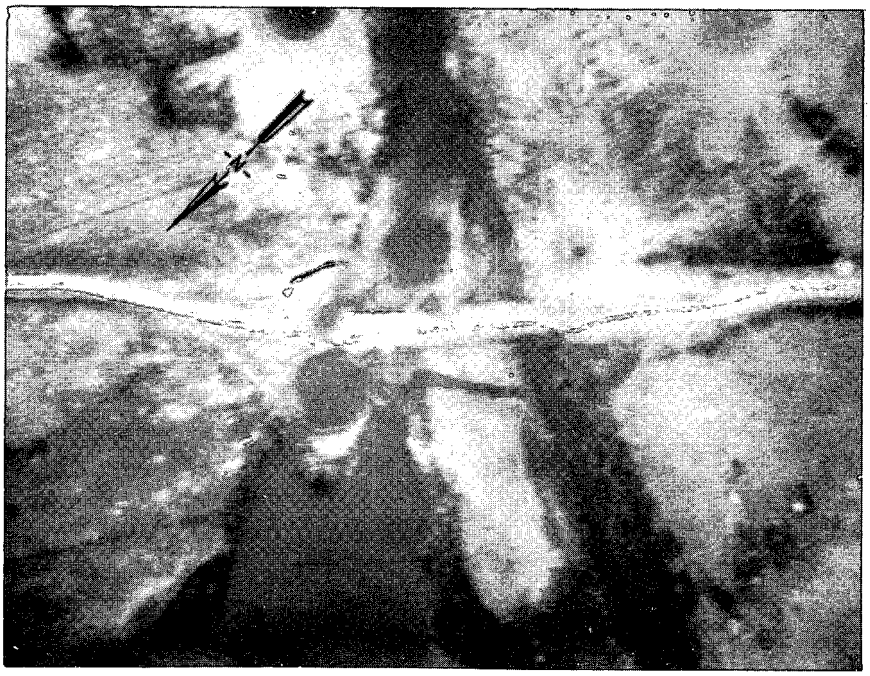
25X1

STATUS:

1 abutment destroyed and 1 damaged; 1 span dropped; serviceable to foot traffic.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Phuc Trach RR. Bridge over Khe Ac [redacted] Bridge No. 85 on NE 48-7	North Vietnam	18 08N - 105 44E WF 781050
		BRIEF NO: PIB 75065 July 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 1.5 nm NW of Phuc Trach on Vinh/Dong Hoi Rail Line.

DESCRIPTION:

LENGTH 40' approx.
WIDTH Single track
TYPE Deck

[redacted]

MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 40' approx.

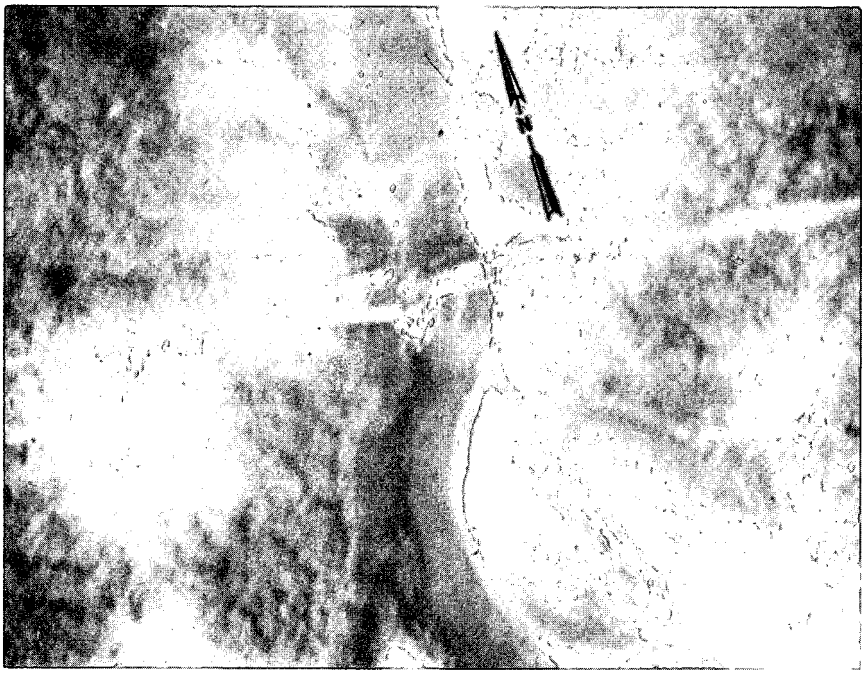
25X1

STATUS:

Span destroyed, abutments intact.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME Thanh Yen Hwy. Bridge over Raoda [redacted] Bridge No. 2 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 38N - 106 31E XE 615505
[redacted]		BRIEF NO: PIB 75066 August 1966
MAP AMS L509 NE 48-12		

25X1

25X1

LOCATION: 0.5 nm S of Thanh Yen on Route 1A.

DESCRIPTION:

LENGTH [redacted]
WIDTH 15' approx.
TYPE Deck and half-through truss

MATERIAL Steel and concrete
NO. OF SPANS 8 (6 concrete deck, 2 steel truss)
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

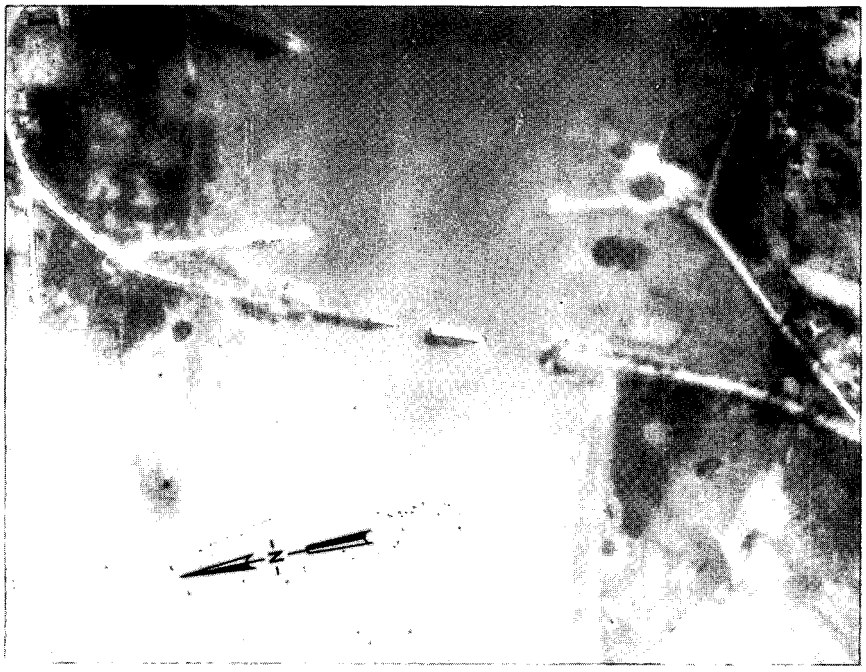
5 concrete, deck-spans destroyed; 2 steel truss spans damaged, 3 piers destroyed.

COMPENSATIVE ACTION:

Ford

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Tru Hwy. Bridge Bridge No. 100 on NE 48-7	North Vietnam	18 10N - 106 15E XF 330095
		BRIEF NO: PIB 75067 August 1966

25X1

MAP AMS L509 NE 48-7

LOCATION: 0.4 nm WNW of Dong Tru on unnumbered route.

DESCRIPTION:

LENGTH
WIDTH
TYPE Deck

MATERIAL Wood
NO. OF SPANS 6 approx.
LENGTH OF EACH SPAN

25X1

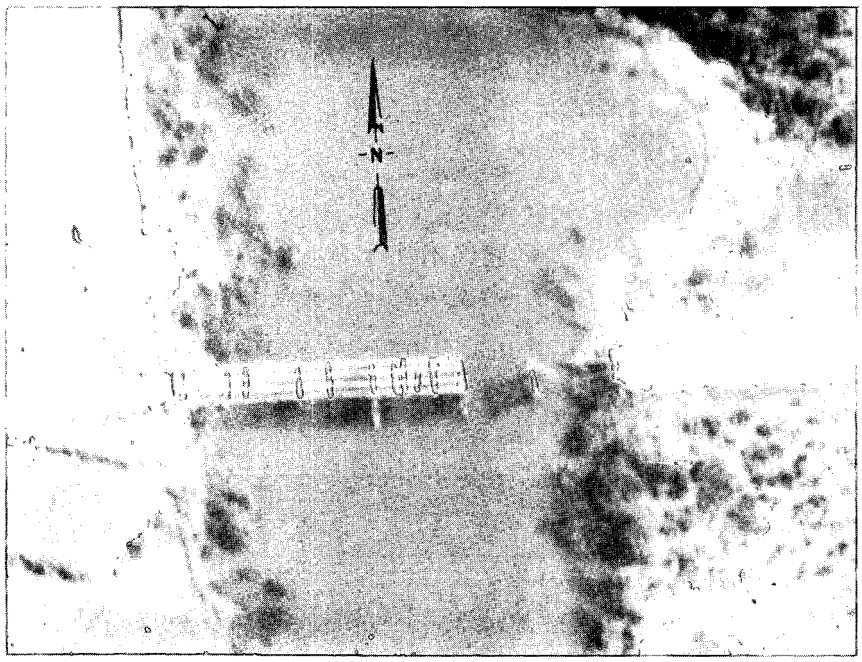
25X1

STATUS:

Two spans destroyed, decking off.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME Lang Met Hwy. Bridge over Song Thuong [redacted] Bridge No. 3 on NF 48-11	COUNTRY North Vietnam	COORDINATES 21 30N - 106 21E XJ 399782
[redacted]		BRIEF NO: PIB 75068 August 1966
MAP AMS L509 NF 48-11		

25X1

25X1

LOCATION: 0.3 nm NE of Lang Met on Route 1A.

DESCRIPTION:

LENGTH	180' approx.	MATERIAL	Concrete
WIDTH	15' approx.	NO. OF SPANS	4
TYPE	Deck	LENGTH OF EACH SPAN	45' approx.

STATUS:

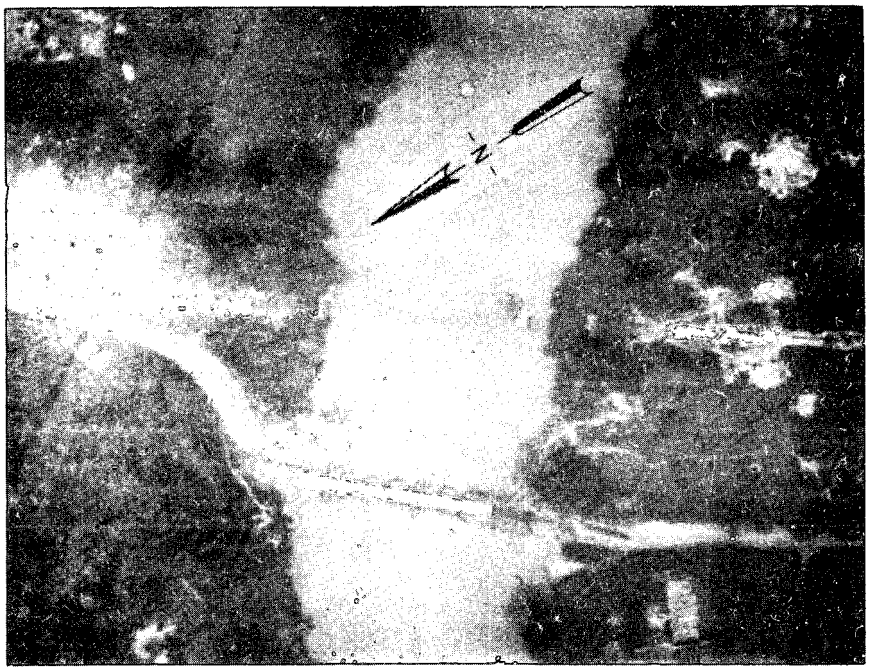
4 spans destroyed, 2 piers destroyed.

COMPENSATIVE ACTION:

1. Steel cables strung across river. No movable decks visible.
2. By-pass pontoon bridge.

[redacted]

25X1



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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

[redacted] BRIEF NO: PIB 75069 August 1966 25X1

MAP AMS L509 NE 48-7

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

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

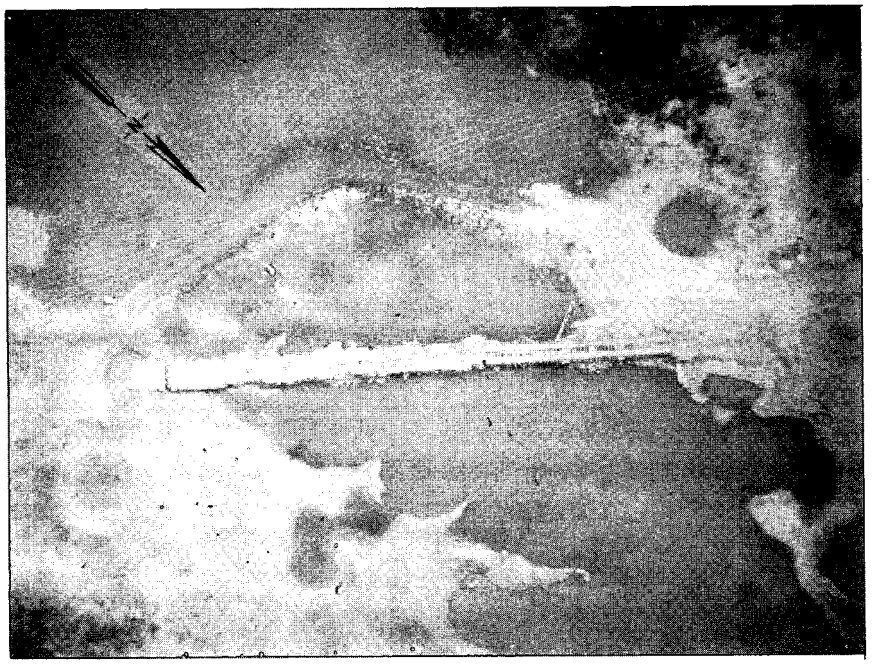
MATERIAL Wood, concrete 25X1
NO. OF SPANS 11
LENGTH OF EACH SPAN [redacted] 25X1

STATUS:
All spans repaired except south span and south abutment.

COMPENSATIVE ACTION:

NOTE: Bridge being converted into railroad by-pass bridge for the La Khe Thon RR. Bridge over Ngan Sau [redacted] 25X1

[redacted] 25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Tam Hwy. Bridge Bridge No. 18 on NE 48-11	North Vietnam	17 50N - 106 06E XE 166714
		BRIEF NO: PIB 75070 August 1966

25X1

MAP AMS L509 NE 48-11

LOCATION: 0.3 nm SW of Dong Tam on abandoned Vinh/Dong Hoi RR.

DESCRIPTION:

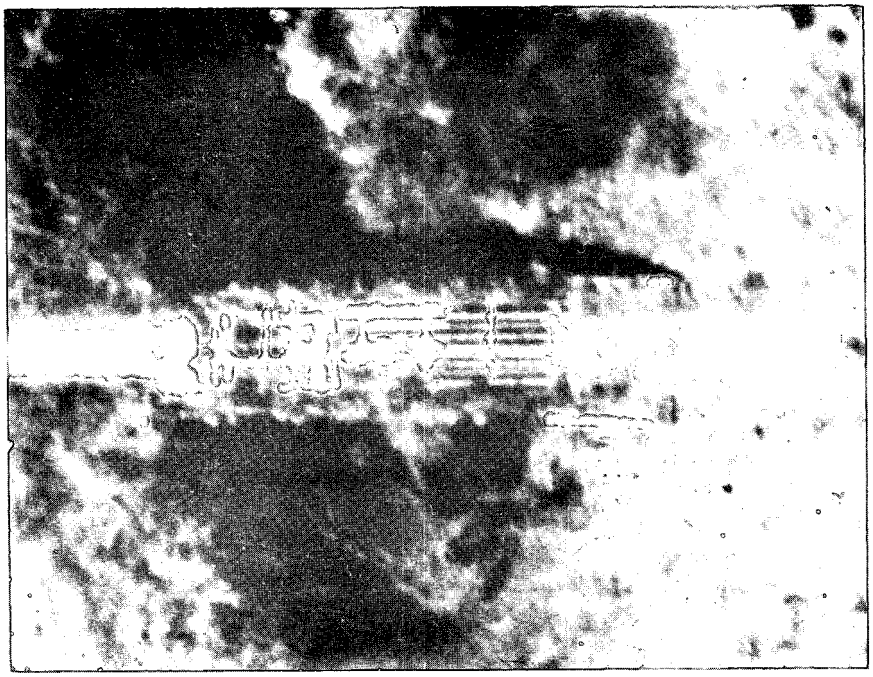
LENGTH 60' approx.
WIDTH 15' approx.
TYPE Deck

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

STATUS:
Bridge decking off.

COMPENSATIVE ACTION:
None

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Xom Lang RR. Bridge Bridge No. 49 on NE 48-12	North Vietnam	17 35N - 106 30E XE 603453
		BRIEF NO: PIB 75071 August 1966

25X1

MAP: AMS L509 NE 48-12

LOCATION: 0.3 nm N of Xom Lang on the Vinh/Dong Hoi RR.

DESCRIPTION:

LENGTH: 85' approx.
WIDTH: 10' approx.
TYPE: Half-through truss

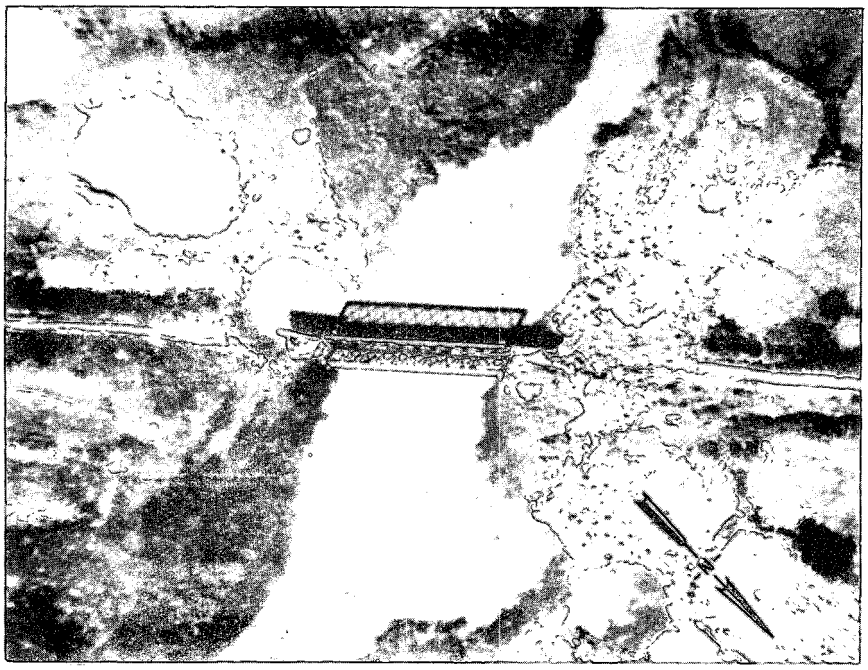
MATERIAL: Steel and concrete
NO. OF SPANS: 1
LENGTH OF EACH SPAN: 85' approx.

STATUS:

Moderate damage to one abutment.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dia Dong Hwy. Bridge Bridge No. 26 on NE 48-7	North Vietnam	18 06N - 106 16E XF 350020
		BRIEF NO: PIB 75072 August 1966

25X1

MAP AMS L509 NE 48-7

LOCATION: 0.5 nm SE of Dia Dong on Route 1A.

DESCRIPTION:

LENGTH 120' approx.
WIDTH
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 3
LENGTH OF EACH SPAN 40' approx.

25X1

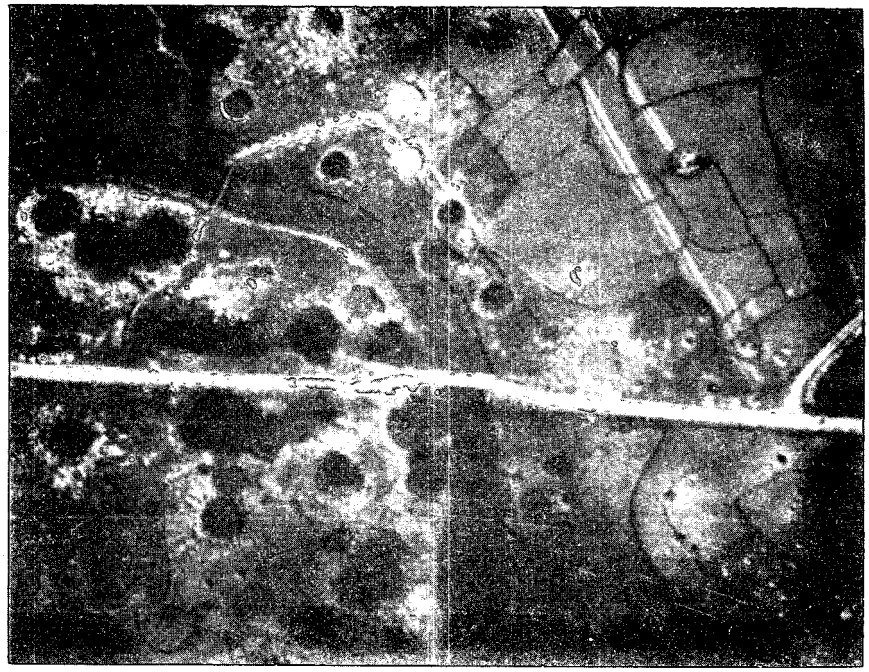
STATUS:

3 spans destroyed, 2 piers damaged.

COMPENSATIVE ACTION:

Rockfill causeway and temporary timber span approximately 15' in length.

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
My Tho Hwy. Bridge Bridge No. 16 on NE 48-12	North Vietnam	17 12N - 106 51E XE 963030
		BRIEF NO: PIB 75073 August 1966

25X1

MAP AMS L509 NE 48-12

LOCATION: 0.3 nm N of My Tho on Route 103.

DESCRIPTION:

LENGTH 70' approx.
WIDTH
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 35' approx.

25X1

STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

Ford adjacent to bridge.

25X1

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[redacted]

25X1

CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Viet Tri RR. and Hwy. Bridge over Riviere Claire [redacted] Bridge No. 11 on NF 48-11	North Vietnam	21 17N - 105 26E WJ 466550
[redacted]		BRIEF NO: PIB 75074 August 1966
MAP AMS L509 NF 48-11		

25X1

25X1

LOCATION: 0.7 nm E of Viet Tri on the Hanoi/Lao Cai Rail Line and Route 2.

DESCRIPTION:

LENGTH 1000' approx.
WIDTH [redacted] (Single track)
TYPE Through truss

MATERIAL Steel and concrete
NO. OF SPANS 4
LENGTH OF EACH SPAN 250' approx.

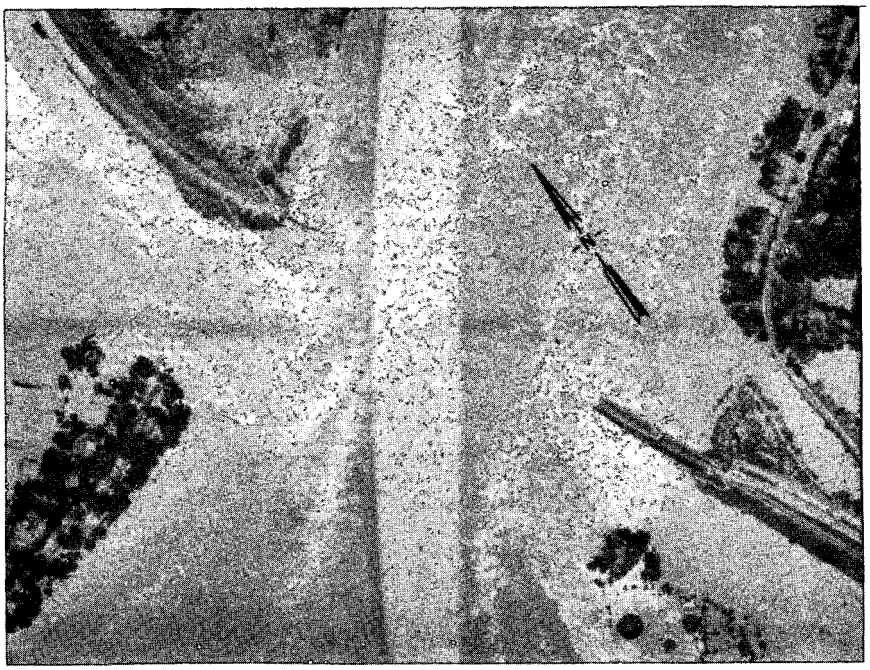
25X1

STATUS:

3 spans and 2 piers destroyed. Abutments intact.

COMPENSATIVE ACTION:

None



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[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Quang Ich Hwy. Bridge S over Khe Ca [redacted] Bridge No. 44 on NE 48-7	North Vietnam	18 08N - 106 15E XF 330060
		BRIEF NO: PIB 75075 August 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 0.1 nm W of Quang Ich on Route 1A.

DESCRIPTION:

LENGTH 75' approx.
WIDTH
TYPE [redacted] Deck

MATERIAL Concrete
NO. OF SPANS 3
LENGTH OF EACH SPAN 25' approx.

25X1

STATUS:

Two spans, 1 abutment, and 1 pier destroyed.

COMPENSATIVE ACTION:

Ford

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Phong Thuong RR. By-Pass E Bridge No. 6 on NE 48-3	North Vietnam	19 58N - 105 51E WH 890090
		BRIEF NO: PIB 75076 August 1966

25X1

MAP AMS L509 NE 48-3

LOCATION: 0.4 nm SE of Dong Phong Thuong on the Hanoi/Thanh Hoa Vinh Rail Line.

DESCRIPTION:

LENGTH 300' approx.
WIDTH Single track
TYPE Deck-beam supported by lattice towers

MATERIAL Timber
NO. OF SPANS 20 approx.
LENGTH OF EACH SPAN 10 @ 20' approx.
10 @ 10' approx.

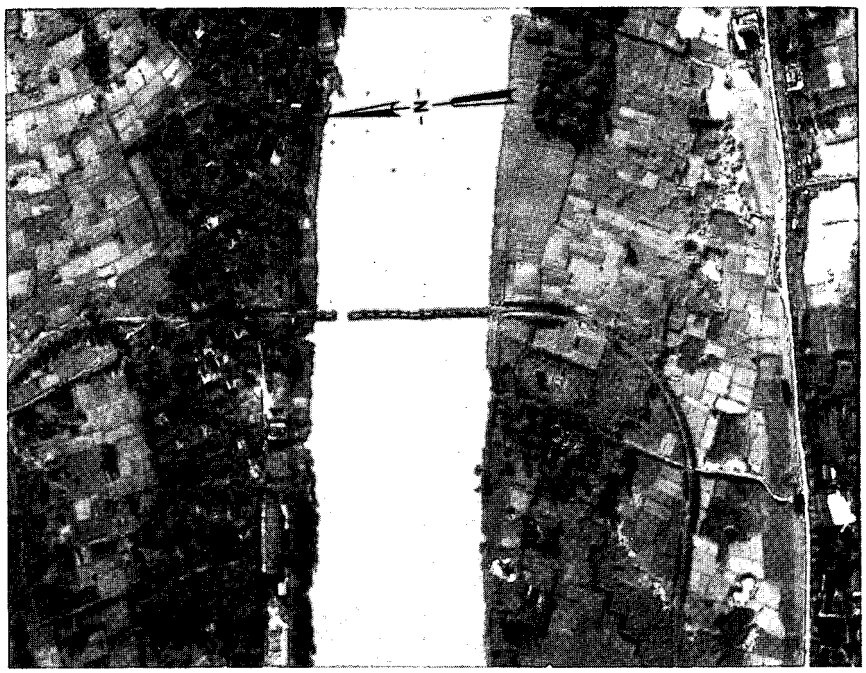
25X1

STATUS:

1 span dropped; several spans out of alignment.

COMPENSATIVE ACTION:

Existing rail by-pass West.



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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

BRIEF NO: PIB 75077
August 1966

25X1

MAP AMS L509 NE 48-7

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

DESCRIPTION:

LENGTH
WIDTH
TYPE Deck

MATERIAL Wood, concrete
NO. OF SPANS 11
LENGTH OF EACH SPAN

25X1

25X1

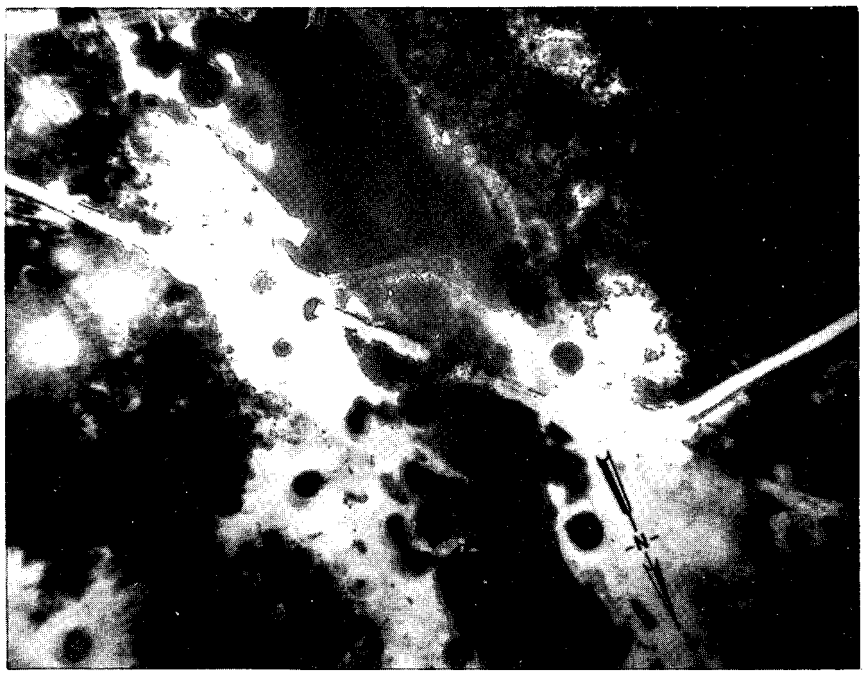
STATUS:

4 spans destroyed, 1 pier destroyed.

COMPENSATIVE ACTION:

Ford

25X1



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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
		BRIEF NO: PIB 75078
MAP AMS L509 NE 48-12		August 1966

25X1

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

DESCRIPTION:

LENGTH 80' approx.
WIDTH 10' approx.
TYPE Deck

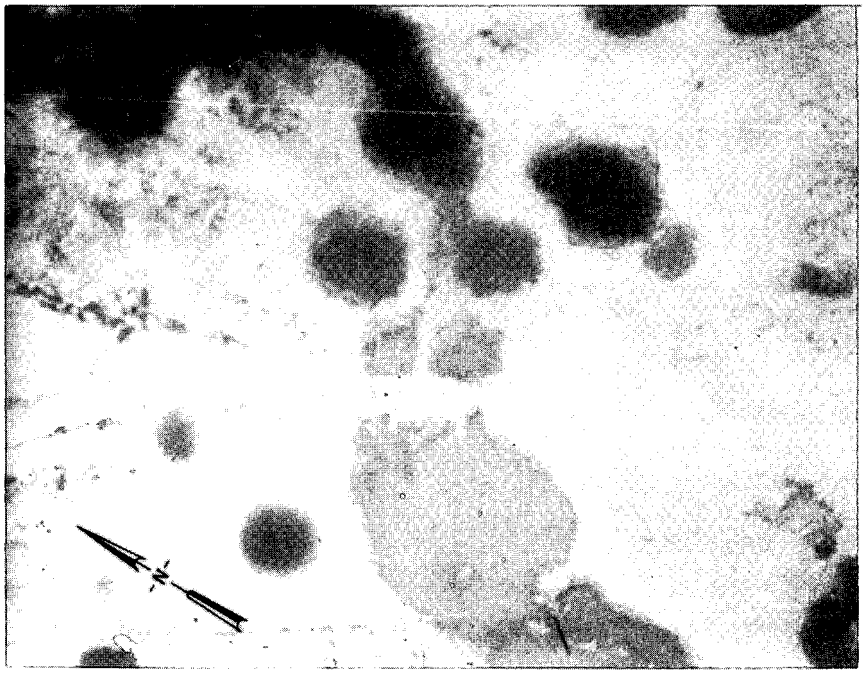
MATERIAL Wood, concrete
NO. OF SPANS 4 probable
LENGTH OF EACH SPAN 20' approx.

STATUS:

Damaged - undergoing reconstruction.

COMPENSATIVE ACTION:

By-pass bridge 500' to west.



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CIA IMAGERY ANALYSIS DIVISION

NAME Dong Ca Thon RR. Bridge over Cai Khe [redacted] Bridge No. 48 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 53N - 106 01E XE 078787
		BRIEF NO: PIB 75079 August 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.6 nm S of Quang Hoa Phuong on Vinh/Dong Hoi Rail Line.

DESCRIPTION:

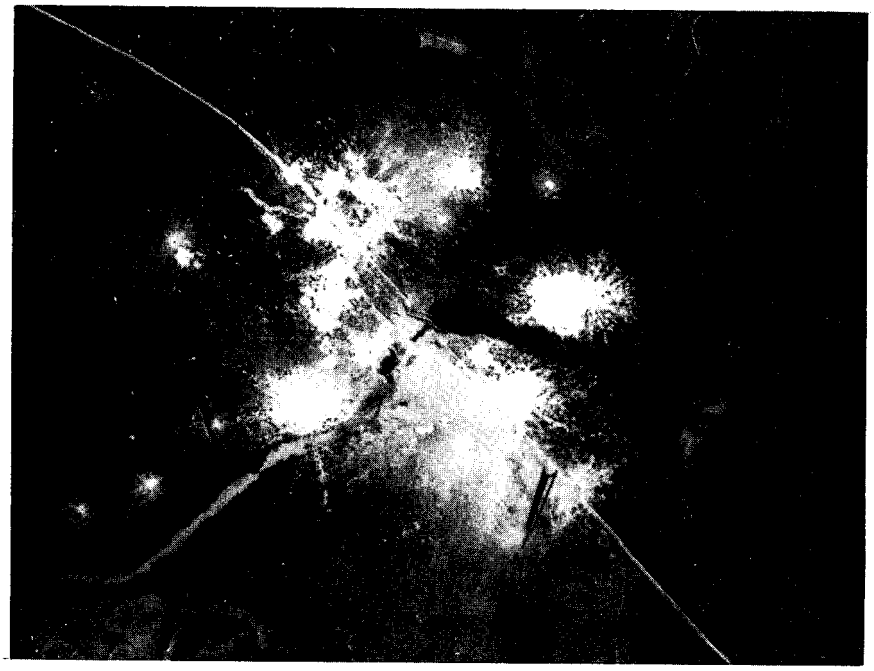
LENGTH	100' approx.	MATERIAL	Steel
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Probable through truss	LENGTH OF EACH SPAN	100' approx.

STATUS:

Span dropped, abutments intact.

COMPENSATIVE ACTION:

Possible by-pass bridge or culvert U/C.



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CIA IMAGERY ANALYSIS DIVISION

NAME Phuc Trach RR. Bridge over Khe Ac [redacted] Bridge No. 85 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 08N - 105 44E WF 781050
		BRIEF NO: PIB 75080 August 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 1.5 nm NW of Phuc Trach on Vinh/Dong Hoi Rail Line.

DESCRIPTION:

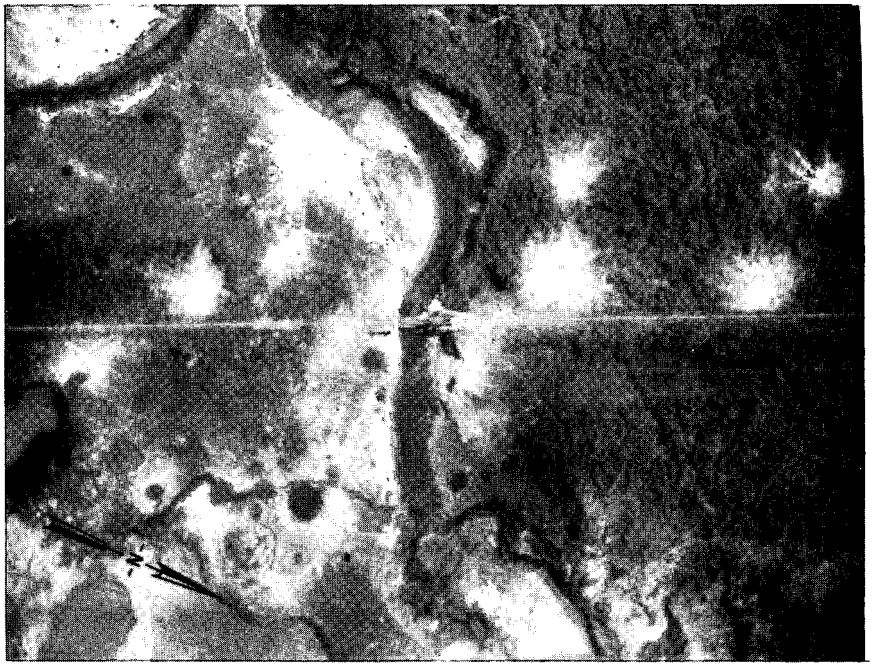
LENGTH 40' approx.
WIDTH [redacted]
TYPE Single track Deck

MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 40' approx.

25X1

STATUS:
Span repaired, bridge now serviceable.

COMPENSATIVE ACTION:
None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Xom Can Hwy. Bridge Bridge No. 101 on NE 48-7	North Vietnam	18 04N - 106 24E XE 485987
		BRIEF NO: PIB 75081 August 1966

25X1

MAP AMS L509 NE 48-7

LOCATION: 0.4 nm E of Xom Can on unnumbered route.

DESCRIPTION:

LENGTH 300' approx.
WIDTH 10' approx.
TYPE Deck

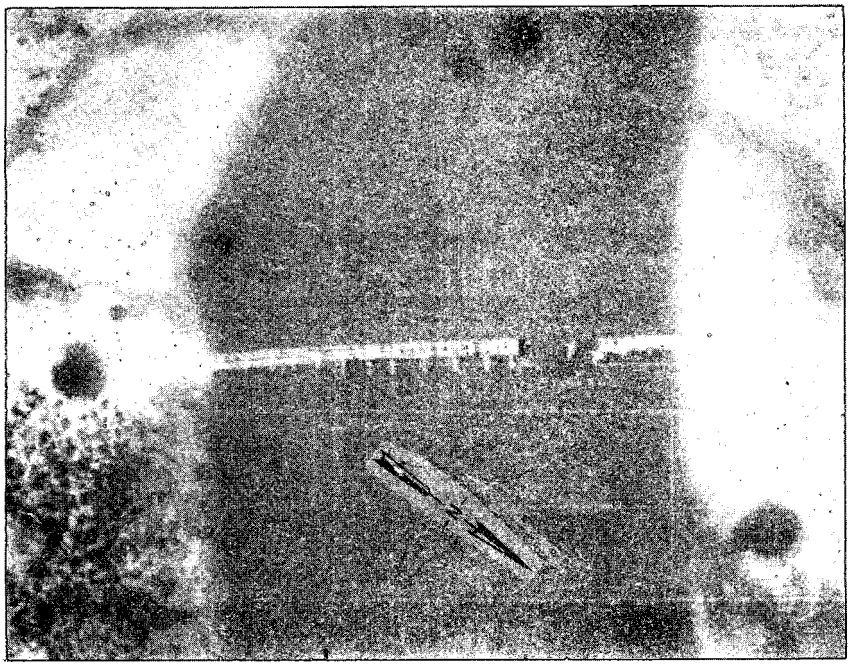
MATERIAL Wood
NO. OF SPANS 20 approx.
LENGTH OF EACH SPAN 15' approx.

STATUS:

3 spans destroyed, 2 piers destroyed.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME Phu Tho RR. Bridge E over stream [redacted] Bridge No. 10 on NF 48-11	COUNTRY North Vietnam	COORDINATES 21 24N - 105 13E WJ 241664
[redacted]		BRIEF NO: PIB 75082 August 1966
MAP AMS L509 NF 48-11		

25X1

25X1

LOCATION: E edge of Phu Tho on the Hanoi/Lao Cai Rail Line.

DESCRIPTION:

LENGTH 80' approx.
WIDTH [redacted] (Single track)
TYPE Deck

MATERIAL Wood and concrete
NO. OF SPANS Undetermined
LENGTH OF EACH SPAN Undetermined

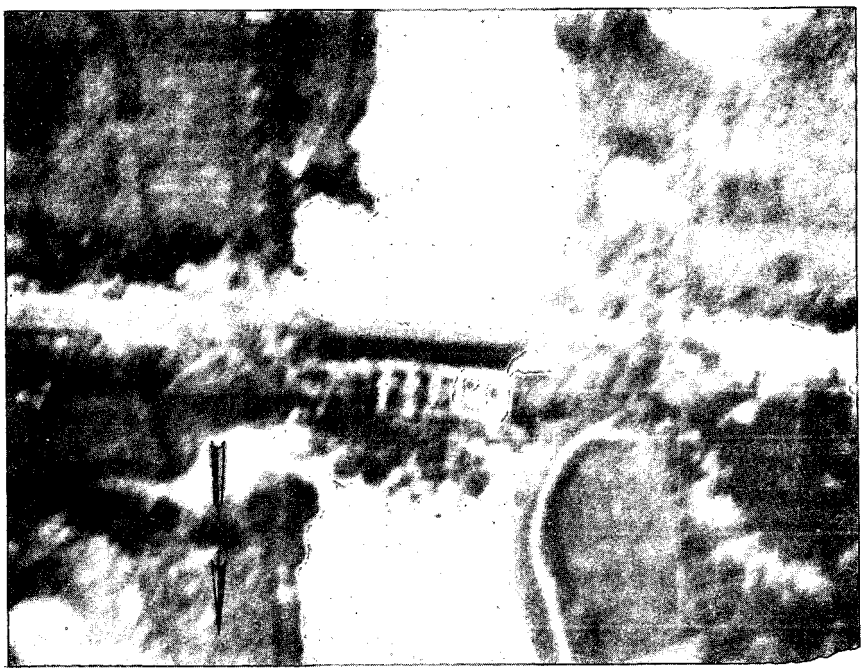
25X1

STATUS:

Original probable half-through truss dropped in stream.

COMPENSATIVE ACTION:

A temporary replacement bridge placed on the old abutments appears serviceable.



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CIA IMAGERY ANALYSIS DIVISION

NAME Badon Hwy. Bridge ENE over stream [redacted] Bridge No. 49 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 45N - 106 26E XE 520635
		BRIEF NO: PIB 75083 August 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.3 nm W of Phan Long on Route 110.

DESCRIPTION:

LENGTH 50' approx.
WIDTH 10' approx.
TYPE Deck

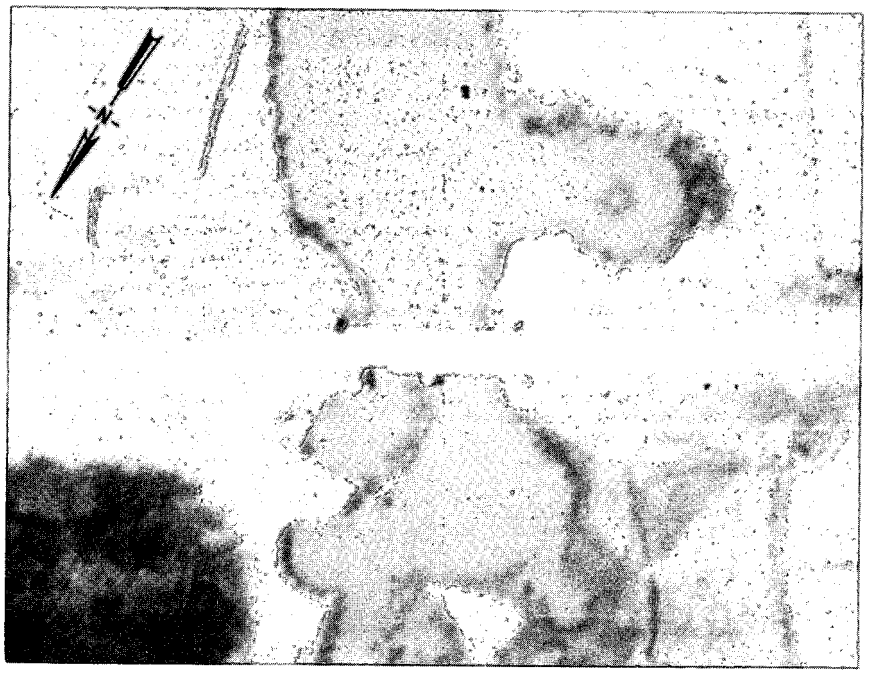
MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 25' approx.

STATUS:

Slight damage to one span - serviceable.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME Phuc Lam Thon Hwy. Bridge over Khe Duc River [redacted] Bridge No. 40 on NE 48-11	**COUNTRY** North Vietnam	**COORDINATES** 17 50N - 106 09E XE 228728
		BRIEF NO: PIB 75084 August 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: At Phuc Lam Thon on Route 110.

DESCRIPTION:

LENGTH 30' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Wood
NO. OF SPANS 3
LENGTH OF EACH SPAN 10' approx.

25X1

STATUS:

2 spans destroyed.

COMPENSATIVE ACTION:

None apparent.

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Hai Duong RR. and Hwy. Bridge over Thai Binh [redacted] Bridge No. 8 on NF 48-15	North Vietnam	20 56N - 106 21E XJ 415163 25X1
[redacted]		BRIEF NO: PIB 75085 25X1
MAP AMS L509 NF 48-15		August 1966

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

DESCRIPTION:

LENGTH [redacted].
WIDTH [redacted] Single track)
TYPE Through arch truss

MATERIAL Steel and concrete
NO. OF SPANS 14 25X1
LENGTH OF EACH SPAN [redacted] 25X1

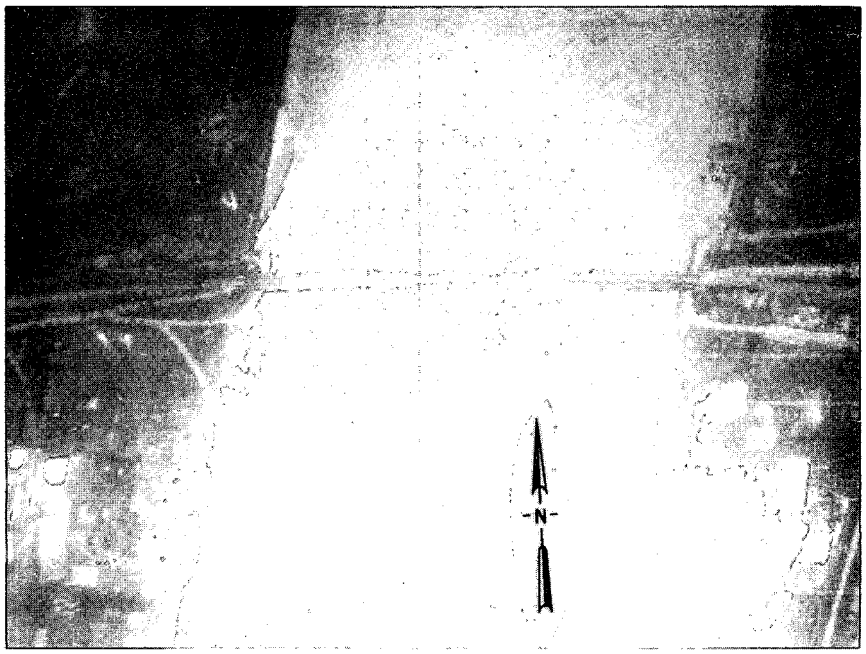
STATUS:

Damaged spans replaced, bridge is serviceable.

COMPENSATIVE ACTION:

None

[redacted] 25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Tu Loan Hwy. Bridge SE over stream [redacted] Bridge No. 36 on NE 48-11	North Vietnam	17 48N - 106 26E XE 522696
[redacted]		BRIEF NO: PIB 75086 August 1966
MAP AMS L509 NE 48-11		

25X1

25X1

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

DESCRIPTION:

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

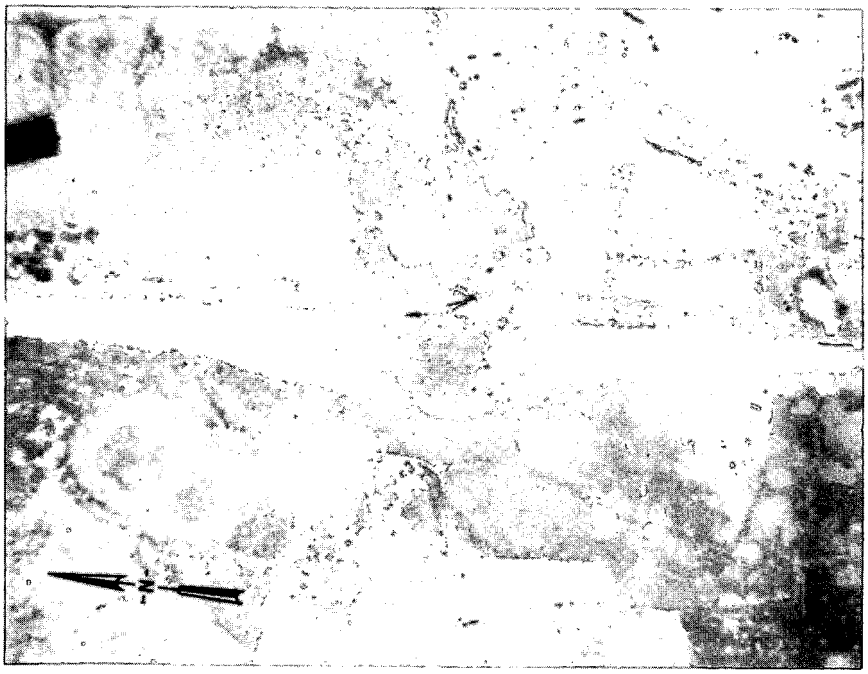
MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 15' approx.

STATUS:
Bridge destroyed.

COMPENSATIVE ACTION:
Ford

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
[redacted] Thi Long RR. Bridge Bridge No. 38 on NE 48-3	North Vietnam	19 30N - 105 44E WG 770579
		BRIEF NO: PIB 75087 August 1966
MAP AMS 509 NE 48-3		

25X1

25X1

LOCATION: 0.1 nm E of Dong Huong on the Hanoi/Vinh Rail Line.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck (Single track)

MATERIAL Wood
NO. OF SPANS 7 approx.
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

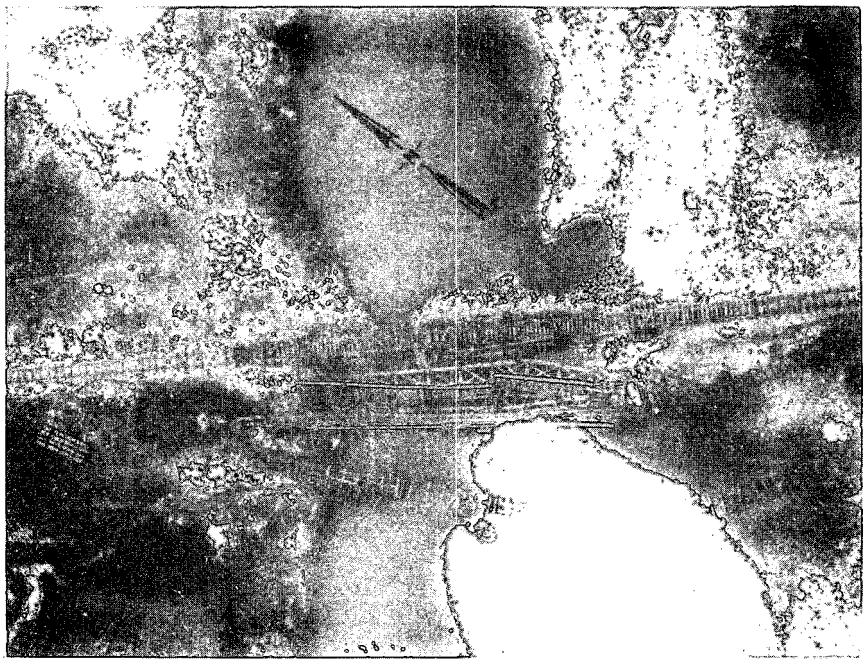
Replacement bridge complete and serviceable.

COMPENSATIVE ACTION:

None

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Lang Kay RR. Bridge over Ngoi Chuc [redacted] Bridge No. 3 on NF 48-6	COUNTRY North Vietnam	COORDINATES 22 03N - 104 29E VK 472394
[redacted]		BRIEF NO: PIB 75088 August 1966
MAP JOG (A) 1501 NF 48-6		

25X1

25X1

LOCATION: Approx. 1.4 nm SE of Lang Kay on the Hanoi/Lao Cai Rail Line.

DESCRIPTION:

LENGTH 75' approx.
WIDTH 15' approx. (Single track)
TYPE Half-through truss

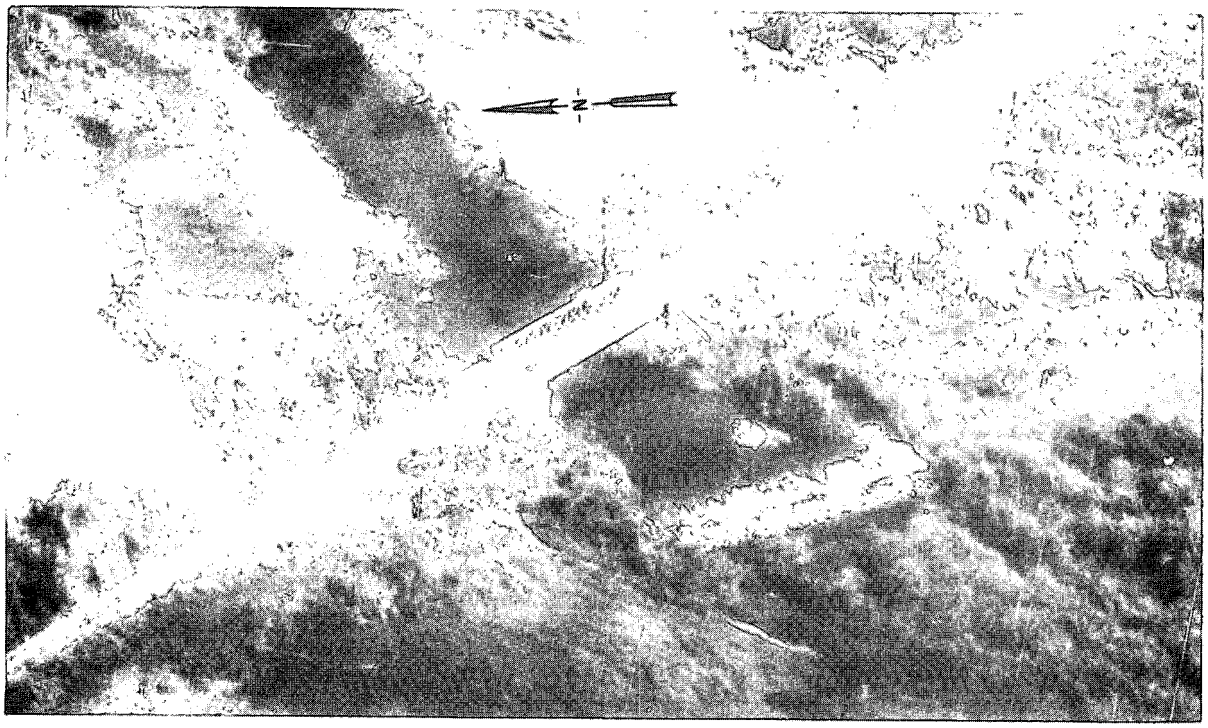
MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 75' approx.

STATUS:
Pre-strike.

COMPENSATIVE ACTION:
NA

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Lang Kay RR. Bridge over Ngoi Chuc [redacted] Bridge No. 3 on NF 48-6	COUNTRY North Vietnam	COORDINATES 22 03N - 104 29E VK 472394
[redacted]		BRIEF NO: PIB 75089
MAP JOG (A) 1501 NF 48-6		August 1966

25X1

25X1

LOCATION: Approximately 1.4 nm SE of Lang Kay on the Hanoi/Lao Cai Rail Line.

DESCRIPTION:

LENGTH 75' approx.
WIDTH 15' approx. (Single track)
TYPE Half-through truss

MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 75' approx.

STATUS:

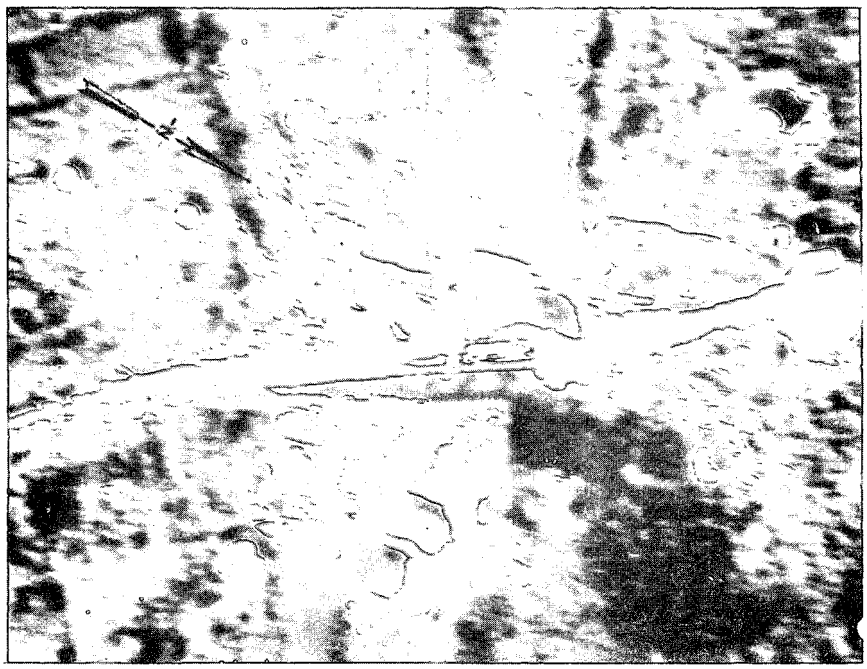
Span dropped.

COMPENSATIVE ACTION:

A single track, timber, probable 4 span, deck type bridge supported by lattice towers has been constructed alongside of the dropped steel span.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Dong Xa Hwy. Bridge over stream [redacted] Bridge No. 12 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 29N - 105 45E WF 792440
		BRIEF NO: PIB 75090 August 1966
MAP AMS JOG (A) 1501 NE 48-7		

25X1

25X1

LOCATION: 0.4 nm SE of Dong Xa on Route 1A.

DESCRIPTION:

LENGTH 50' approx.
WIDTH 10' approx.
TYPE Deck

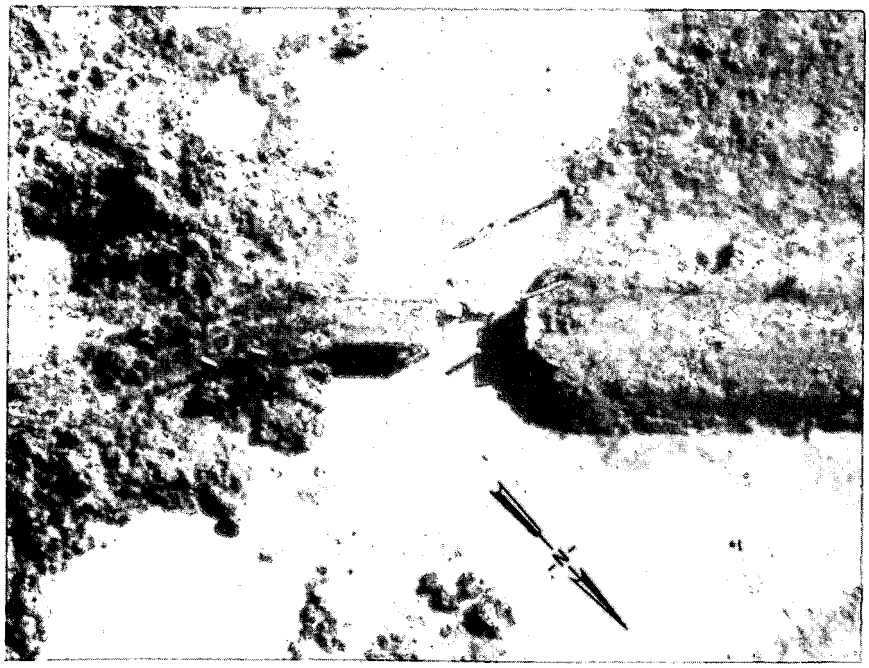
MATERIAL Wood and concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 25' approx.

STATUS:

1 span destroyed; abutments intact.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Hoa Binh Hwy. Bridge Bridge No. 19 on NE 48-11	North Vietnam	17 51N - 106 26E XE 523740
		BRIEF NO: PIB 75091
MAP AMS L509 NE 48-11		August 1966

25X1

LOCATION: 0.6 nm S of Hoa Binh on Route 1A.

DESCRIPTION:

LENGTH 30' approx.
WIDTH 15' approx.
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 30' approx.

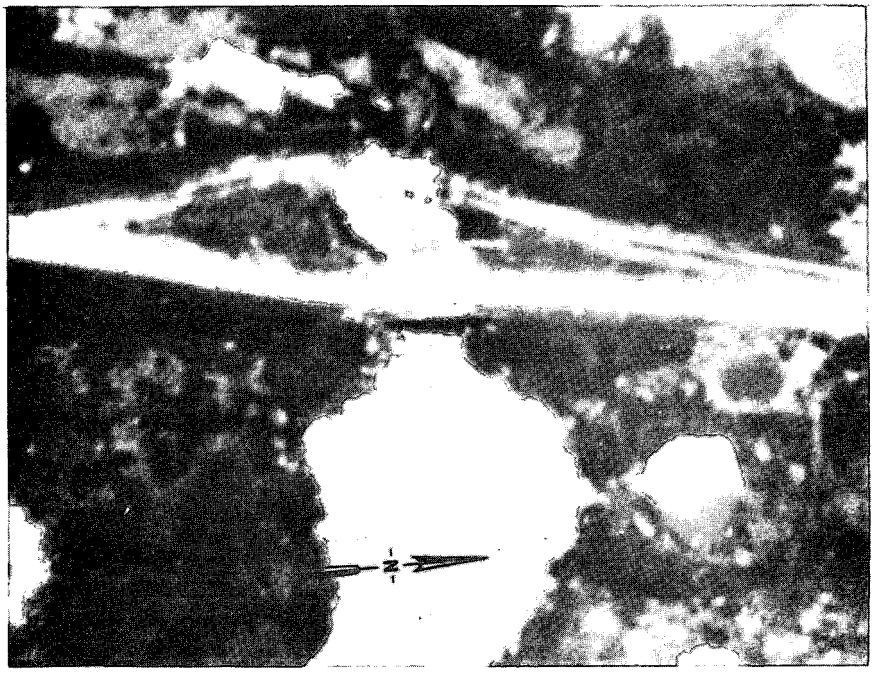
STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

None

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Cao Nung RR. Bridge over Song Hoa [redacted] Bridge No. 2 on NF 48-12	COUNTRY North Vietnam	COORDINATES 21 33N - 106 29E XJ 554845
[redacted]		BRIEF NO: PIB 75092 August 1966
MAP AMS L509 NF 48-12		

25X1

25X1

LOCATION: 0.4 nm SE of Cao Nung on the Hanoi/Dong Dang Rail Line.

DESCRIPTION:

LENGTH 175' approx.
WIDTH [redacted] (Single track)
TYPE Deck

MATERIAL Steel, concrete, and timber
NO. OF SPANS 3
LENGTH OF EACH SPAN 1 @ 70' approx.
1 @ 60' approx.
1 @ 45' approx.

25X1

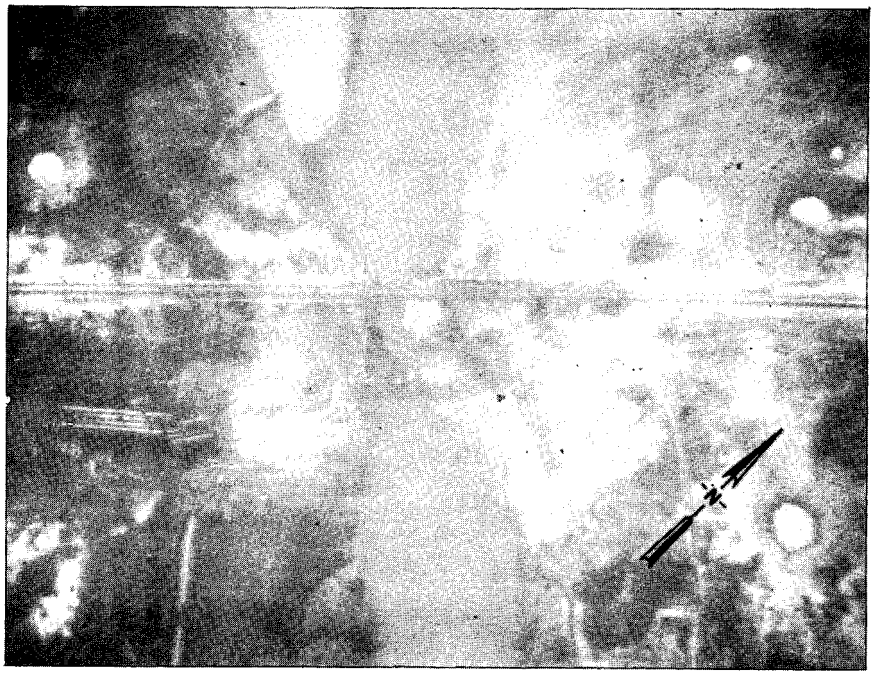
STATUS:

Repaired and serviceable.
Deck of by-pass bridge has been dismantled.

COMPENSATIVE ACTION:

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Phuong Dinh Hwy. Bridge over stream [redacted] Bridge No. 1 on NE 48-11	North Vietnam	17 50N - 106 26E XE 522728
[redacted]		BRIEF NO: PIB 75093 August 1966
MAP JOG (A) 1501 NE 48-11		

25X1

25X1

LOCATION: 0.6 nm NW of Phuong Dinh on Route 1A.

DESCRIPTION:

LENGTH
WIDTH
TYPE [redacted]
Deck

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

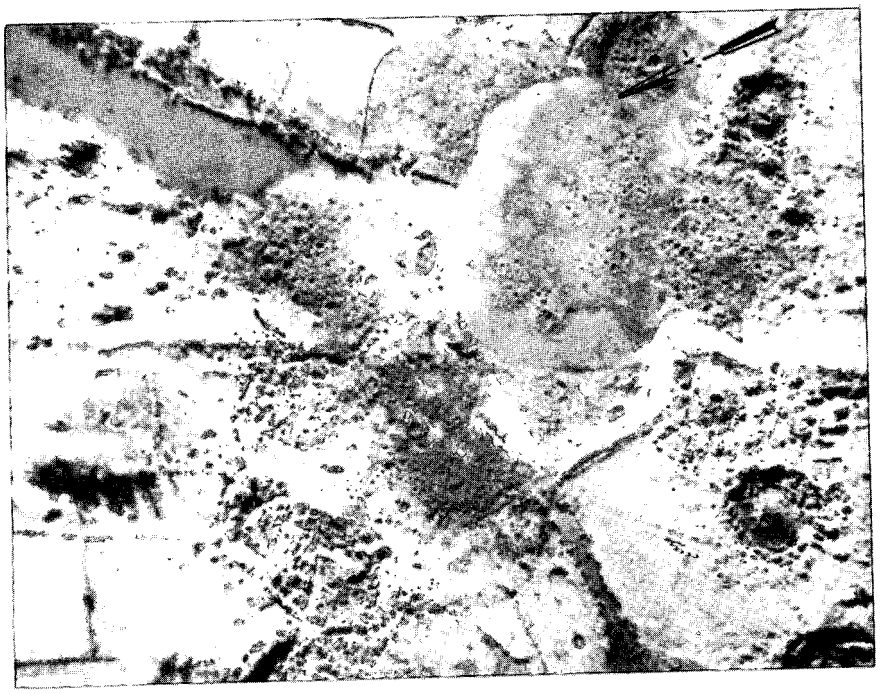
Destroyed.

COMPENSATIVE ACTION:

New by-pass

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Thien Linh Dong Hwy. Bridge over Vi Giang [redacted] Bridge No. 32 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 43N - 105 42E WG 748809 25X1
[redacted]		BRIEF NO: PIB 75094 25X1
MAP AMS L509 NE 48-3		August 1966

LOCATION: 0.5 nm W of Thien Linh Dong on Route 704.

DESCRIPTION:

LENGTH [redacted]
WIDTH 10' approx.
TYPE Deck

MATERIAL Wood
NO. OF SPANS 8
LENGTH OF EACH SPAN [redacted] 25X1

25X1

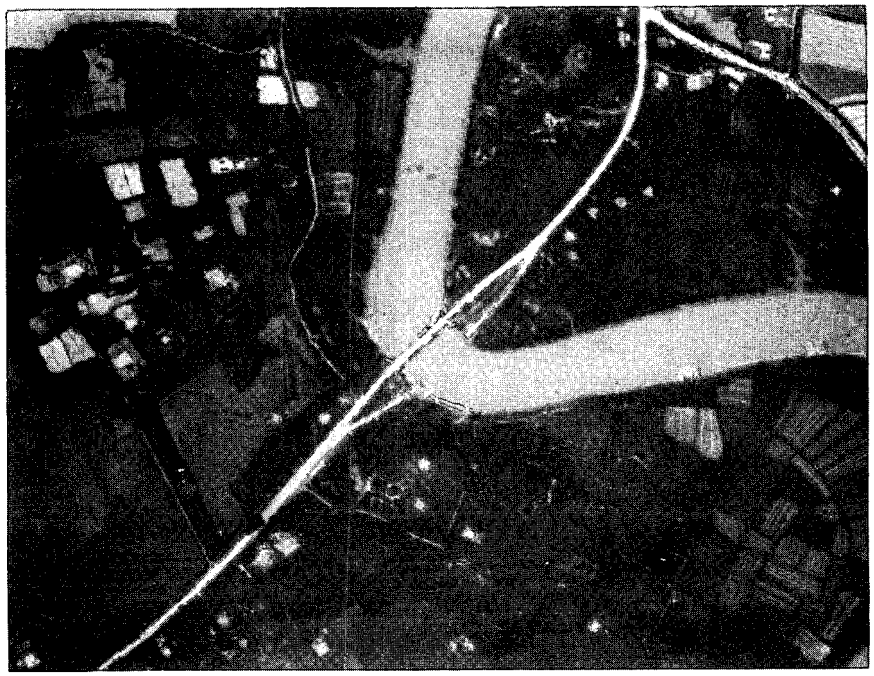
STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

2 pontoon by-pass bridges have been dismantled SE of main bridge.

[redacted] 25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Than Lang Xa Hwy. Bridge W over Kae Nong [redacted] Bridge No. 46 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 59N - 105 50E WE 889880
[redacted]		BRIEF NO: PIB 75095 August 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.8 nm W of Than Lang Xa on Route 15.

DESCRIPTION:

LENGTH 40' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Concrete and wood
NO. OF SPANS 1
LENGTH OF EACH SPAN 40' approx.

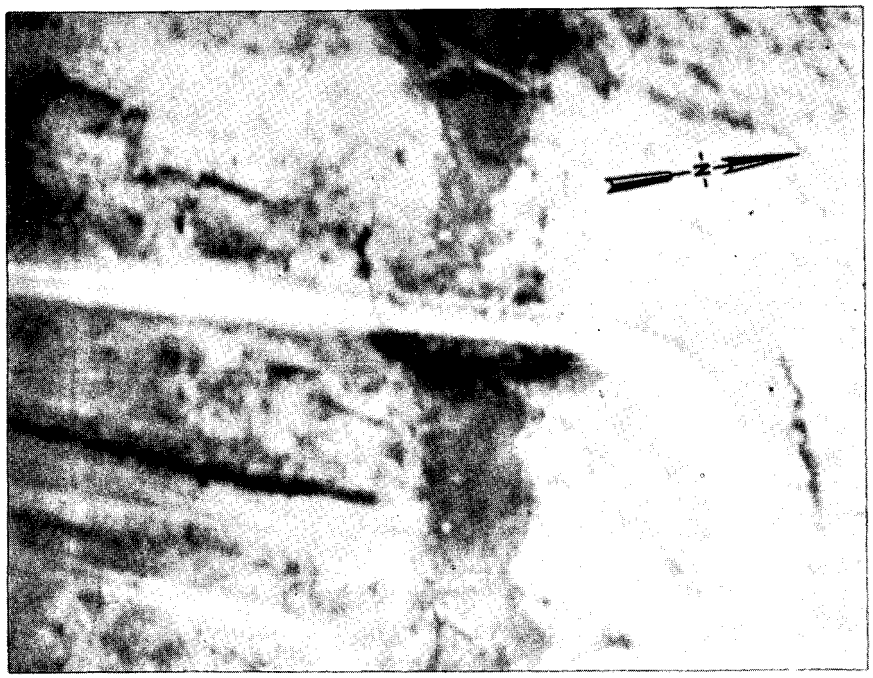
25X1

STATUS:
Pre-strike

COMPENSATIVE ACTION:
Ford

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Than Lang Xa Hwy. Bridge W over Kae Nong [redacted] Bridge No. 46 on NE 48-11	North Vietnam	17 59N - 105 50E WE 889880
[redacted]		BRIEF NO: PIB 75096 August 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.8 nm W of Than Lang Xa on Route 15.

DESCRIPTION:

LENGTH 40' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Concrete and wood
NO. OF SPANS 1 probable
LENGTH OF EACH SPAN 40' approx.

25X1

STATUS:

Span destroyed; abutments intact.

COMPENSATIVE ACTION:

Ford

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME Phuong Dinh Hwy. Bridge over stream [redacted] Bridge No. 1 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 50N - 106 26E XE 522728 25X1
		BRIEF NO: PIB 75097 August 1966 25X1
MAP JOG (A) 1501 NE 48-11		

LOCATION: 0.6 nm NW of Phuong Dinh on Route 1A.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN [redacted] 25X1

25X1

STATUS:

1 abutment moderately damaged; deck slightly damaged.

COMPENSATIVE ACTION:

By-pass with probable culvert.

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Nghe Hwy. Bridge over stream [redacted] Bridge No. 18 on NF 48-10	North Vietnam	21 02N - 104 19E VJ 295274

25X1

[redacted]

BRIEF NO: PIB 75098 August 1966

25X1

MAP AMS L509 NF 48-10

LOCATION: 1.1 nm E of Ban Vat on Route 6.

DESCRIPTION:

LENGTH 240' approx.
WIDTH [redacted]
TYPE Half-through truss and deck

MATERIAL Concrete and steel
NO. OF SPANS 2
LENGTH OF EACH SPAN 1 @ 160' approx.
1 @ 80' approx.

25X1

STATUS:

The destroyed 160' truss span has been replaced by steel cables and probable removable decking. Abutment is repaired. Bridge probably serviceable.

COMPENSATIVE ACTION:

Ford 400' N of bridge.

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME Coi Khe Hwy. Bridge over Song Len Trib [redacted] Bridge No. 8 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 59N - 105 55E WH 969096 25X1
		BRIEF NO: PIB 75099 August 1966 25X1
MAP JOG (A) 1501 NE 48-3		

LOCATION: 0.6 nm NW of Giai Uan on unnumbered route.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

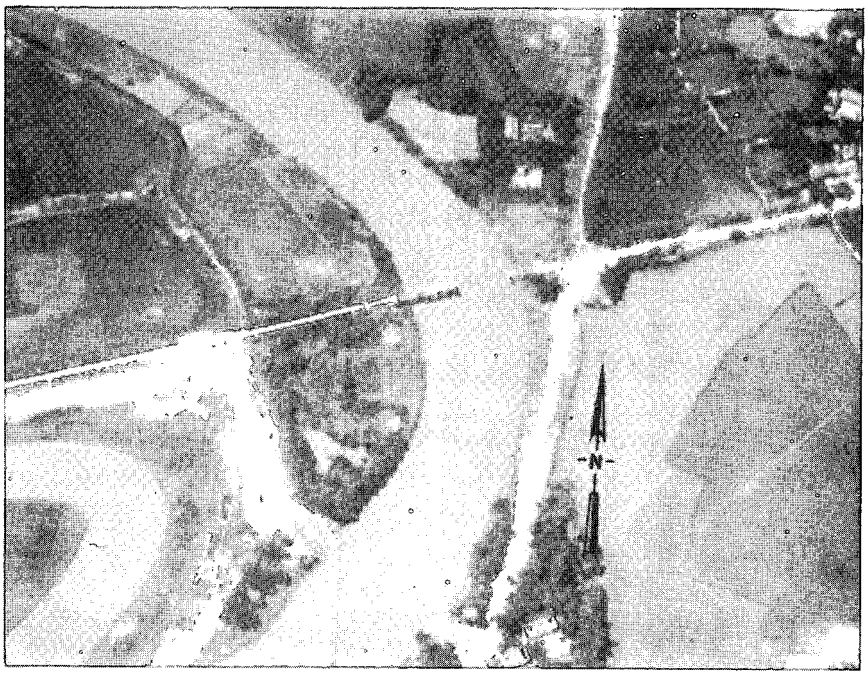
MATERIAL Wood
NO. OF SPANS 11 probable 25X1
LENGTH OF EACH SPAN [redacted] 25X1

STATUS:

4 spans and 3 piers destroyed.

COMPENSATIVE ACTION:

Ferry



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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 725219
		BRIEF NO: PIB 75100
MAP JOG (A) 1501 NE 48-12		August 1966

25X1

LOCATION: 1.1 nm S of Phong Loi on abandoned rail line.

DESCRIPTION:

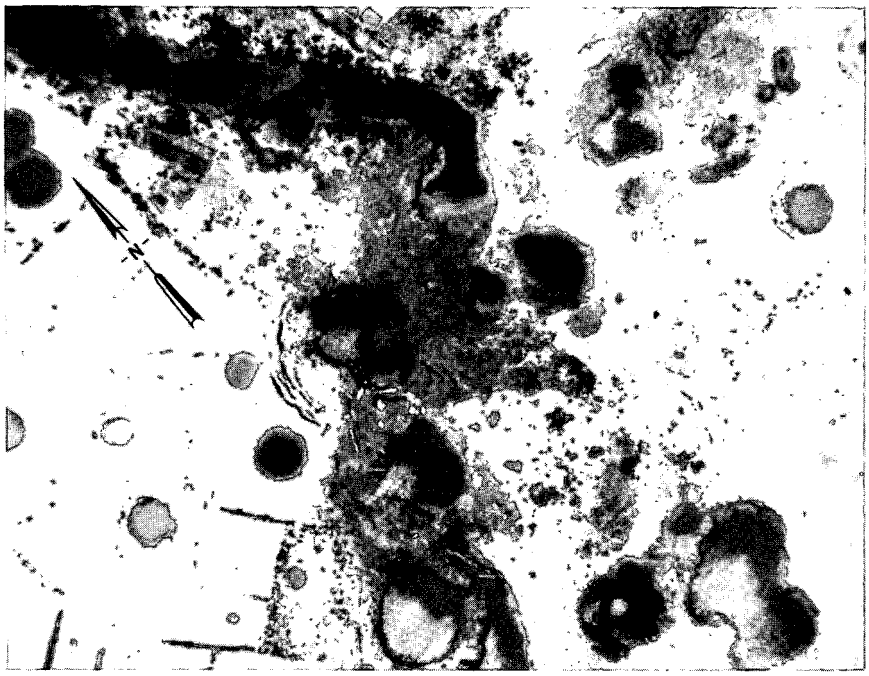
LENGTH 80' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Timber, concrete
NO. OF SPANS 4 probable
LENGTH OF EACH SPAN 20' approx.

STATUS:
Completely destroyed.

COMPENSATIVE ACTION:
Ford

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Sa Lung RR. Bridge over Dao Truong [redacted] Bridge No. 30 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 02N - 106 58E YD 103853
[redacted]		BRIEF NO: PIB 75101 August 1966
MAP JOG (A) 1501 NE 48-12		

25X1

25X1

LOCATION: 1.1 nm SW of Ham Hoa on the abandoned Rail Line S of Dong Hoi.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

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

25X1

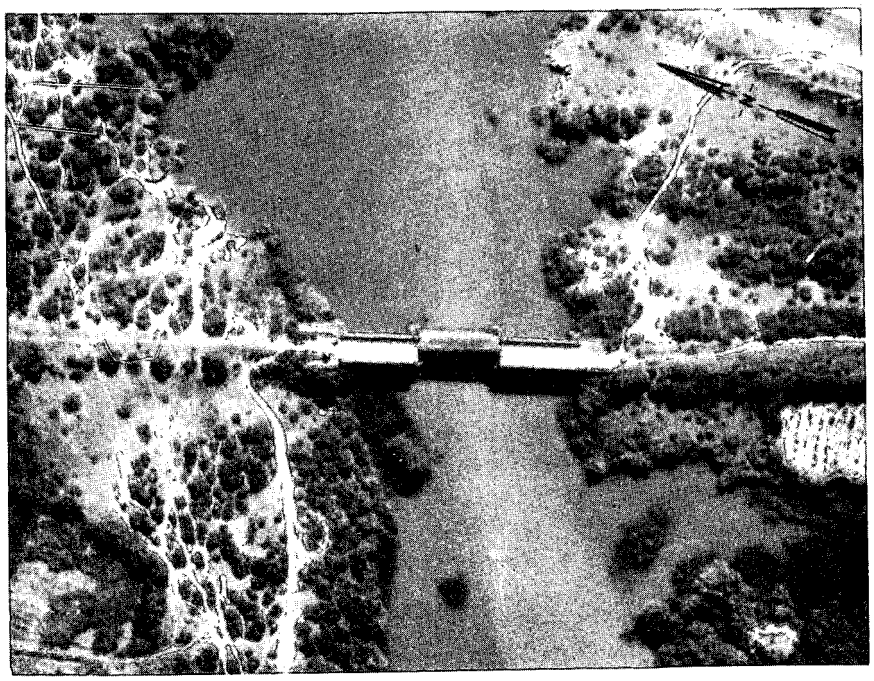
25X1

STATUS:

1 span dropped.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Tram Trung Hwy. Bridge Bridge No. 10 on NE 48-12	North Vietnam	17 10N - 106 55E YD 032991
		BRIEF NO: PIB 75102 August 1966

25X1

MAP AMS L509 NE 48-12

LOCATION: 0.8 nm W of Tram Trung on Route 1A.

DESCRIPTION:

LENGTH 65' approx.
WIDTH 15' approx.
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 65' approx.

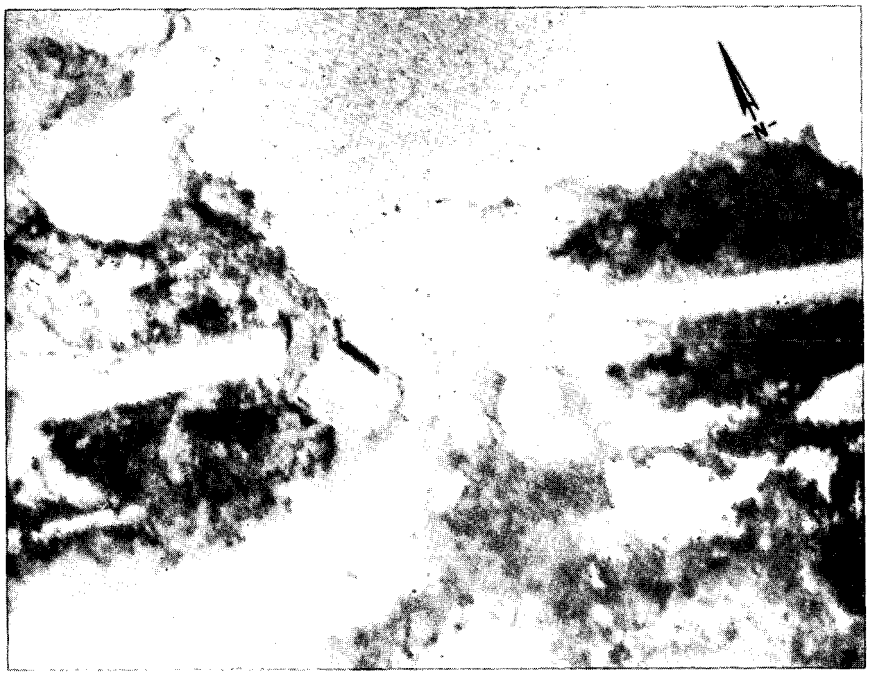
STATUS:

Span destroyed, 1 abutment destroyed.

COMPENSATIVE ACTION:

None

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Uan Ao Hwy. Bridge Bridge No. 29 on NE 48-12	North Vietnam	17 12N - 106 48E XE 918039
		BRIEF NO: PIB 75103 August 1966
MAP JOG (A) 1501 NE 48-12		

25X1

LOCATION: 0.7 nm NW of Uan Ao on an unnumbered route.

DESCRIPTION:

LENGTH
WIDTH
TYPE Deck

MATERIAL Timber
NO. OF SPANS 9 approx.
LENGTH OF EACH SPAN

25X1

25X1

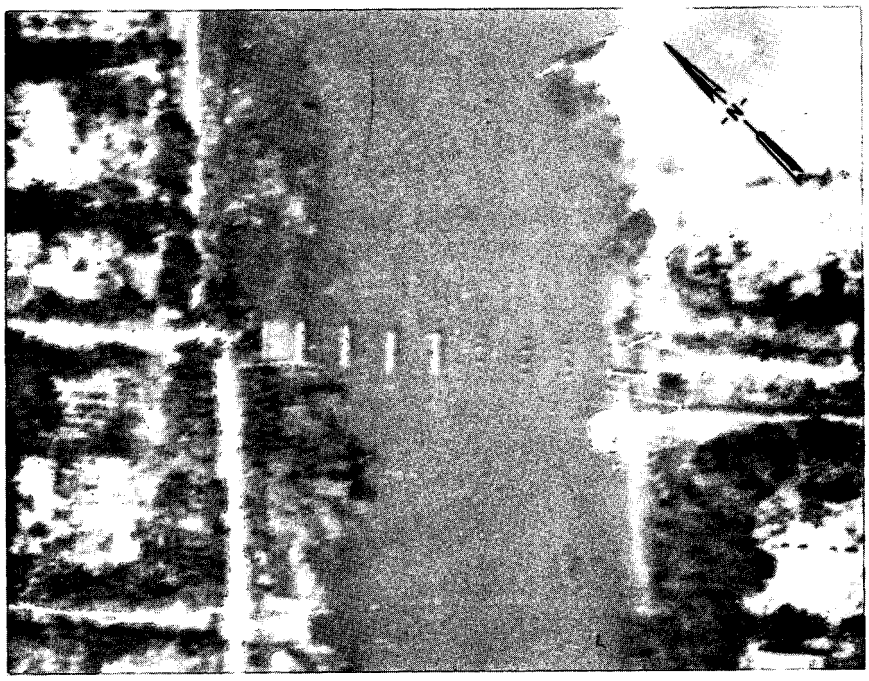
STATUS:

8 spans destroyed; 4 piers moderately damaged.

COMPENSATIVE ACTION:

Ferry

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Uan Ao Hwy. Bridge Bridge No. 29 on NE 48-12	North Vietnam	17 12N - 106 48E XE 918039
		BRIEF NO: PIB 75104 August 1966
MAP JOG (A) 1501 NE 48-12		

25X1

LOCATION: 0.7 nm NW of Uan Ao on an unnumbered route.

DESCRIPTION:

LENGTH
WIDTH
TYPE Deck

MATERIAL Timber
NO. OF SPANS 9 approx.
LENGTH OF EACH SPAN

25X1

25X1

STATUS:
Pre-strike.

COMPENSATIVE ACTION:
None

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME Bau Khe Hwy. Bridge over stream [redacted] Bridge No. 15 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 40N - 106 30E XE 601538
[redacted]		BRIEF NO: PIB 75105 August 1966
MAP JOG (A) 1501 NE 48-12		

25X1

25X1

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

DESCRIPTION:

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

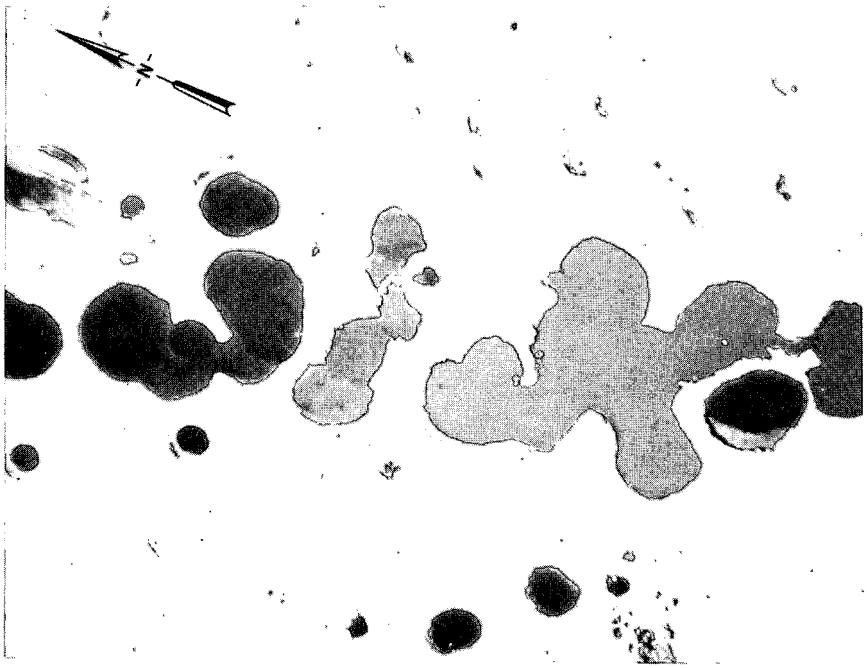
MATERIAL Wood, concrete, and steel
NO. OF SPANS 4
LENGTH OF EACH SPAN 30' approx.

STATUS:
Original bridge destroyed.

COMPENSATIVE ACTION:
Destroyed bridge has been replaced by a combination earth causeway and single-span bridge approx. 30' in length. Timber planks have been placed on both approaches of replacement bridge to prevent deterioration of road surface.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Chieng Dong Hwy. Bridge over Stream [redacted] Bridge No. 20 on NF 48-10	North Vietnam	21 06N - 104 14E VJ 210339
[redacted]		BRIEF NO: PIB 75106 August 1966
MAP AMS L509 NF 48-10		

25X1

25X1

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

DESCRIPTION:

LENGTH 160' approx.
WIDTH 20' approx.
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 8
LENGTH OF EACH SPAN 20' approx.

STATUS:

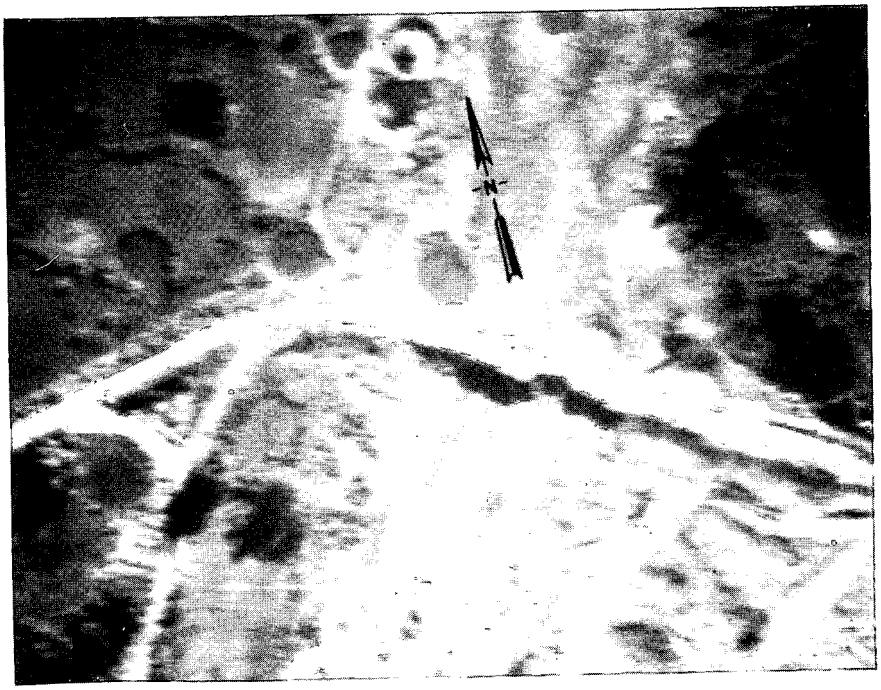
The 2 destroyed spans have been repaired; the 3 damaged spans have not been repaired; bridge is serviceable.

COMPENSATIVE ACTION:

Ford

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Ta Vay Hwy. Bridge over stream [redacted] Bridge No. 19 on NF 48-10	North Vietnam	21 02N - 104 21E VJ 337257
[redacted]		BRIEF NO: PIB 75107 August 1966
MAP AMS L509 NF 48-10		

25X1

25X1

LOCATION: 0.5 nm SW of Ban Ta Vay on Route 6.

DESCRIPTION:

LENGTH 180' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 4
LENGTH OF EACH SPAN 2 @ 55' approx.
2 @ 35' approx.

25X1

STATUS:

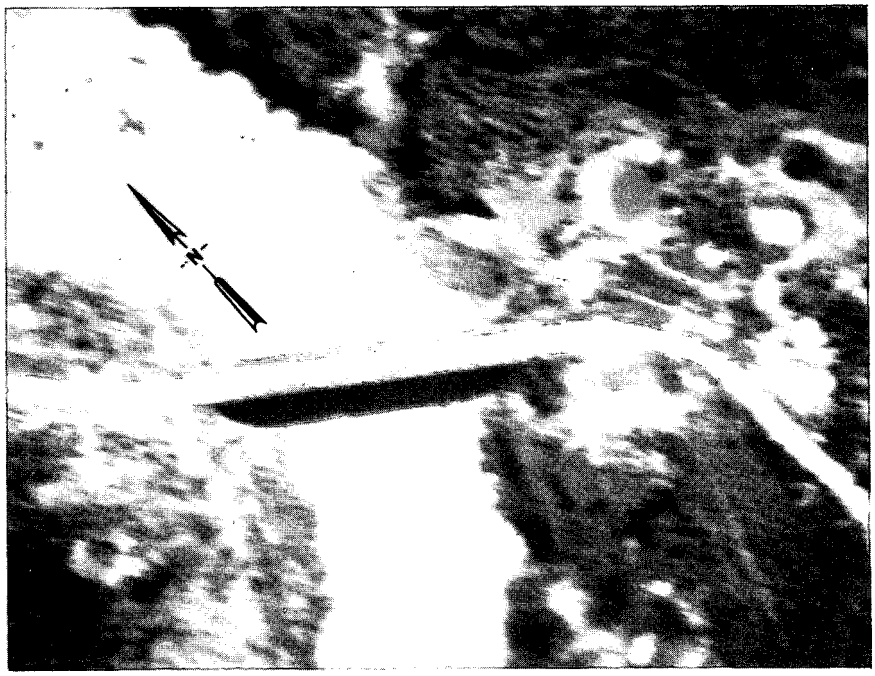
Repaired and serviceable.

COMPENSATIVE ACTION:

NA

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ha Tan Hwy. Bridge over stream [redacted] Bridge No. 9 on NE 48-12	North Vietnam	17 16N - 106 47E XE 901098
[redacted]		BRIEF NO: PIB 75108 August 1966
MAP JOG (A) 1501 NE 48-12		

25X1

25X1

LOCATION: 0.5 nm NW of Ba Ngoat on Route 1A.

DESCRIPTION:

LENGTH 50' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Concrete and wood
NO. OF SPANS 2
LENGTH OF EACH SPAN 25' approx.

STATUS:

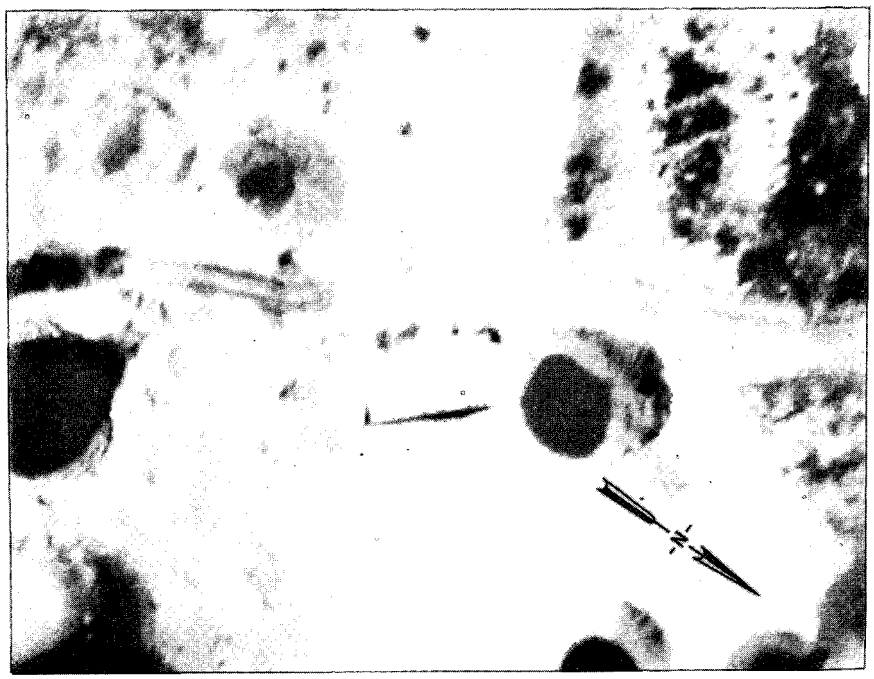
1 span destroyed; 1 abutment damaged; 1 span dropped.

COMPENSATIVE ACTION:

Ford/causeway

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Ha Tan Hwy. Bridge over stream [redacted] Bridge No. 9 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 16N - 106 47E XE 901098
[redacted]		BRIEF NO: PIB 75109 August 1966
MAP AMS L509 NE 48-12		

25X1

25X1

LOCATION: 0.5 nm NW of Ba Ngoat on Route 1A.

DESCRIPTION:

LENGTH 50' approx.
WIDTH 10' approx.
TYPE Deck

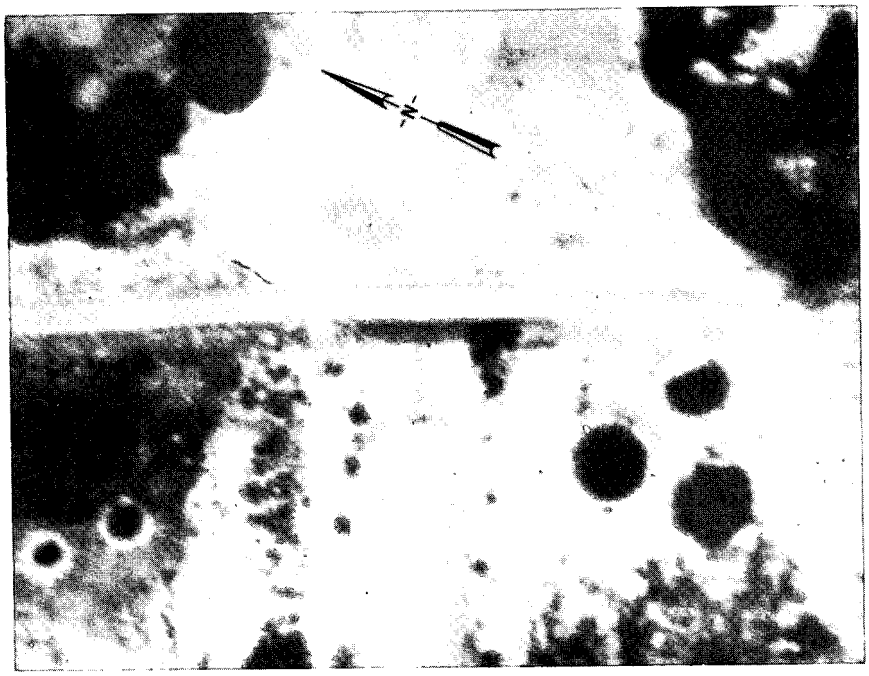
MATERIAL Concrete and wood
NO. OF SPANS 2
LENGTH OF EACH SPAN 25' approx.

STATUS:
Pre-strike.

COMPENSATIVE ACTION:

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
La Khe Thon RR. Bridge over Ngan Sau [redacted] Bridge No. 13 on NE 48-7	North Vietnam	18 03N - 105 49E WE 876975
[redacted]		BRIEF NO: PIB 75110 August 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 0.8 nm SE of La Khe Thon on the Vinh/Dong Hoi Rail Line.

DESCRIPTION:

LENGTH
WIDTH
TYPE [redacted] (Single track) Deck beam and half-through truss

MATERIAL Wood, steel, concrete
NO. OF SPANS 8
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

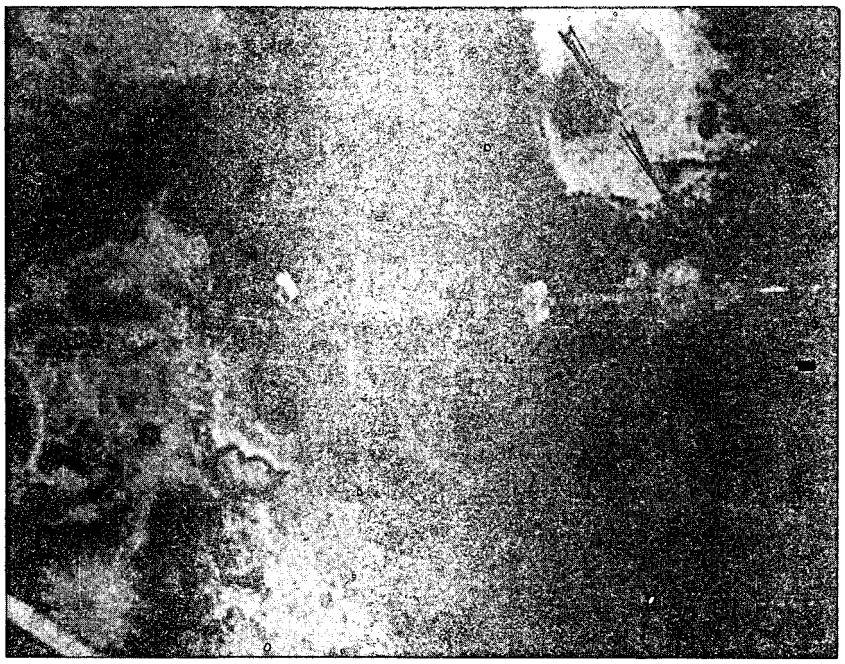
Two 70' spans dropped, one pier destroyed.

COMPENSATIVE ACTION:

None

25X1

[redacted]



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Hoan Lao Hwy. Bridge W over stream [redacted] Bridge No. 25 on NE 48-12	North Vietnam	17 35N - 106 31E XE 615455
[redacted]		BRIEF NO: PIB 75111
MAP AMS L509 NE 48-12		August 1966

25X1

25X1

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

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

MATERIAL Wood, concrete
NO. OF SPANS 6
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

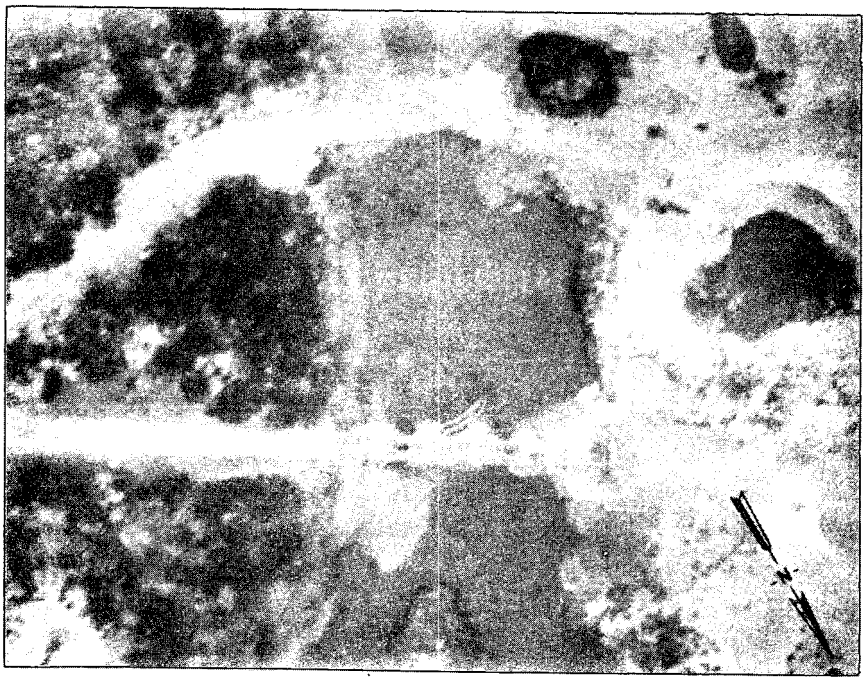
3 spans and 1 abutment previously destroyed; bridge is now in final stages of repair.

COMPENSATIVE ACTION:

By-pass causeway.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Hoan Lao Hwy. Bridge SW over stream [redacted] Bridge No. 20 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 34N - 106 32E XE 628441
[redacted]		BRIEF NO: PIB 75112 August 1966
MAP JOG (A) 1501 NE 48-12		

25X1

25X1

LOCATION: 0.7 nm NW of Bau Diec on an unnumbered route.

DESCRIPTION:

LENGTH [redacted]
WIDTH 10' approx.
TYPE Deck

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

25X1

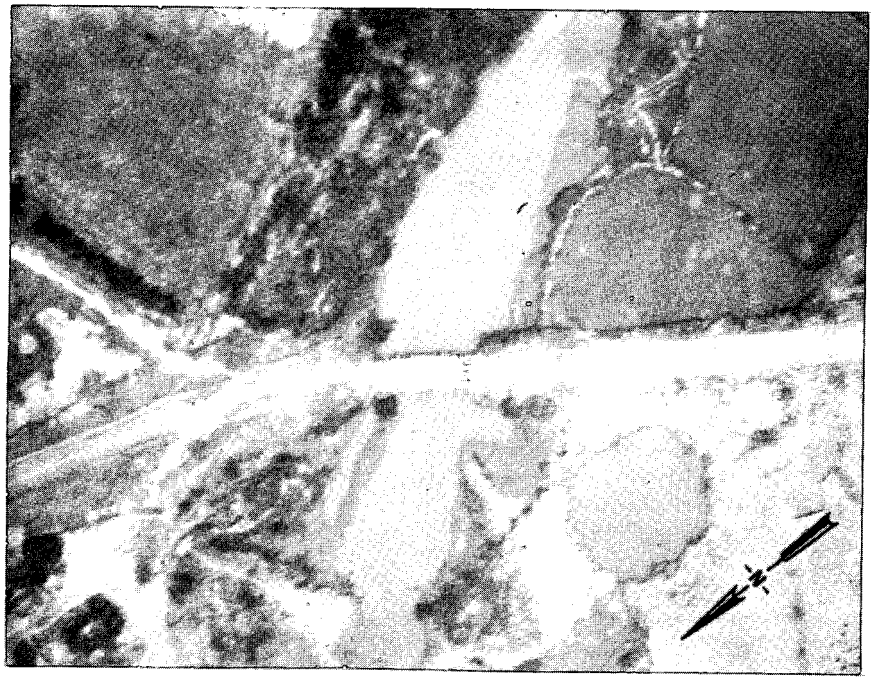
25X1

STATUS:

Moderate deck damage to 1 span.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Xom Phuong Hwy. Bridge Bridge No. 50 on NE 48-12	North Vietnam	17 31N - 106 34E XE 664381
		BRIEF NO: PIB 75113 August 1966
MAP JOG (A) 1501 NE 48-12		

25X1

LOCATION: 1.9 nm SE of Xom Phuong on Route 1A.

DESCRIPTION:

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

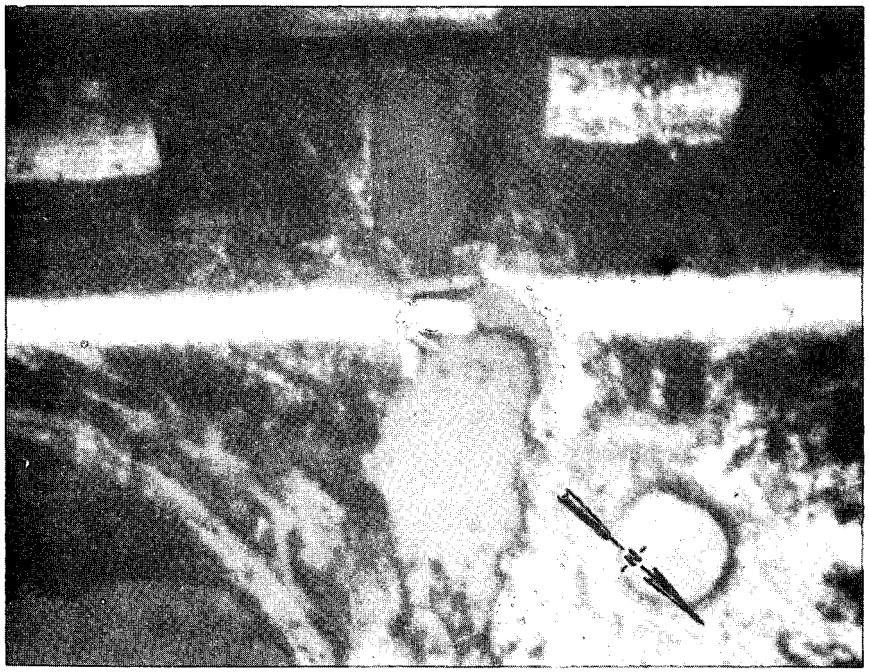
MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 30' approx.

STATUS:

Span dropped; 1 abutment destroyed.

COMPENSATIVE ACTION:

Ford



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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 75114 August 1966

25X1

MAP AMS L509 NE 48-11

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

DESCRIPTION:

LENGTH 40' approx.
WIDTH 10' approx.
TYPE Combination lock and deck-type bridge

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 40' approx.

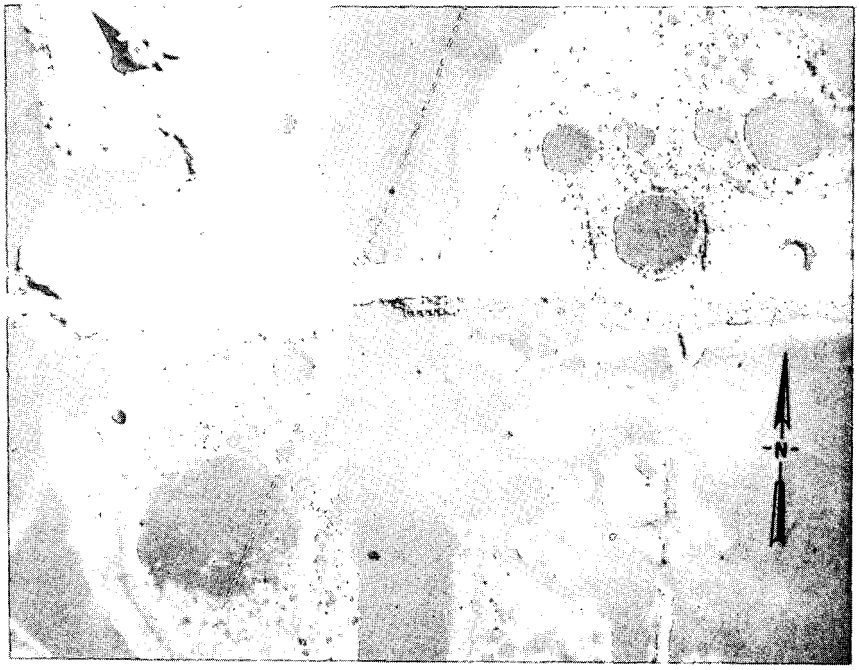
STATUS:

Severe damage to bridge span

COMPENSATIVE ACTION:

Crushed rock has been placed on deck of bridge. Bridge is now serviceable.

25X1



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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
		BRIEF NO: PIB 75115
MAP AMS L509 NE 48-11		August 1966

25X1

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

DESCRIPTION:

LENGTH 40' approx.
WIDTH 10' approx.
TYPE Combination lock and deck-type bridge

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 40' approx.

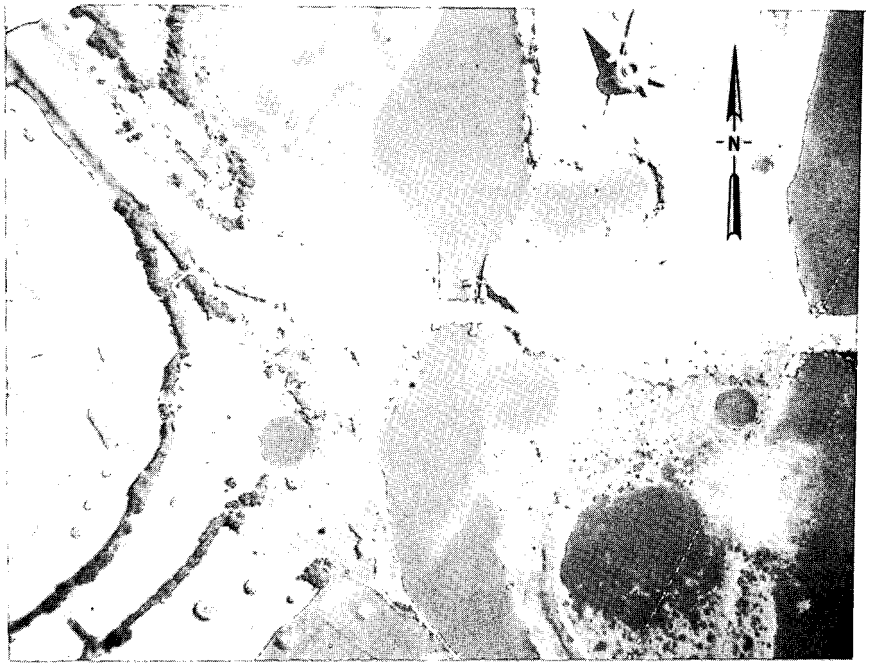
STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

Crushed rock causeway replaces original bridge.

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ky Anh Hwy. Bridge over Song Cau Tri [redacted] Bridge No. 34 on NE 48-7	North Vietnam	18 04N - 106 18E XE 371981
[redacted]		BRIEF NO: PIB 75116 August 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 0.7 nm SE of Bien Due on Route 1A.

DESCRIPTION:

LENGTH 200' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Wood and concrete
NO. OF SPANS 10
LENGTH OF EACH SPAN 20' approx.

25X1

STATUS:

All spans destroyed, 4 piers destroyed, 7 piers heavily damaged.

COMPENSATIVE ACTION:

Causeway.

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Yen My RR. and Hwy. Bridge N over stream [redacted] Bridge No. 15 on NE 48-7	North Vietnam	18 38N - 105 39E WF 692608 25X1
		BRIEF NO: PIB 75117 25X1 August 1966

MAP AMS JOG (1501) A NE 48-7

LOCATION: 0.5 nm N of Do Yen on Vinh/Dong Hoi Rail Line.

DESCRIPTION:

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

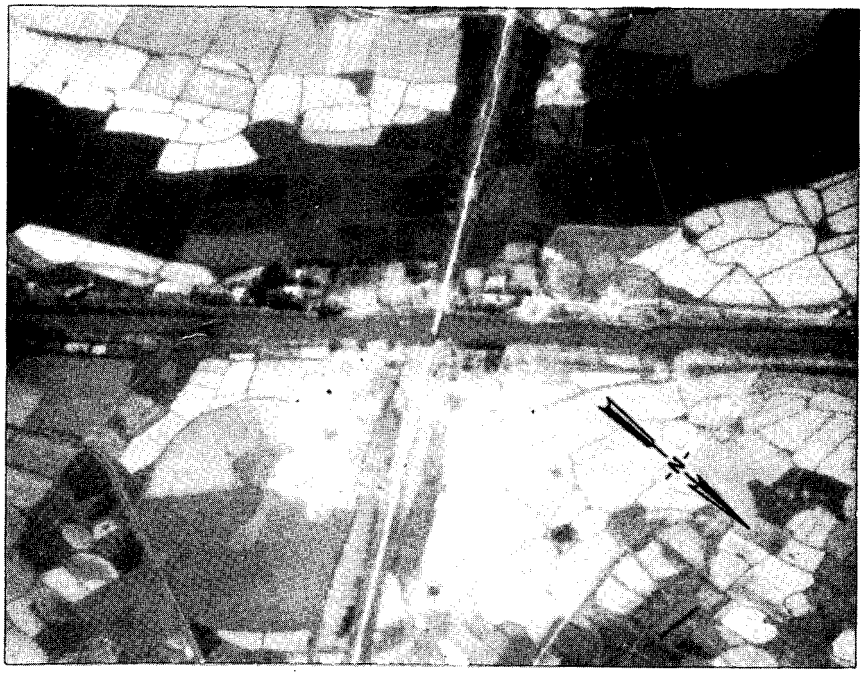
MATERIAL Concrete and steel
NO. OF SPANS 4 probable
LENGTH OF EACH SPAN 15' approx.

STATUS:

1 span destroyed; 1 abutment damaged.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Trai Hut RR. Bridge over Nam Lam [redacted] Bridge No. 9 on NF 48-10	North Vietnam	21 57N - 104 36E VK 590290
[redacted]		BRIEF NO: PIB 75118 August 1966
MAP AMS L509 NF 48-10		

25X1

25X1

LOCATION: 0.2 nm SE of Trai Hut on the Hanoi/Lao Cai Rail Line.

DESCRIPTION:

LENGTH 65' approx.
WIDTH [redacted] (Single track)
TYPE Half-through truss)

MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 65' approx.

25X1

STATUS:

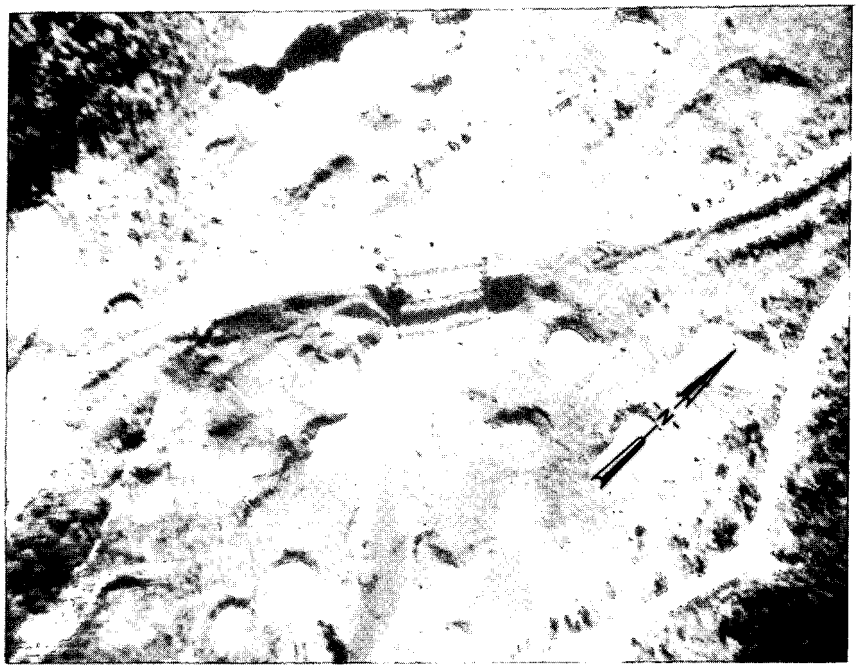
Repaired and serviceable.

COMPENSATIVE ACTION:

NA

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Phuong Dinh Hwy. Bridge over stream [redacted] Bridge No. 1 on NE 48-11	North Vietnam	17 50N - 106 26E XE 522728
[redacted]		BRIEF NO: PIB 75119 August 1966
MAP JOG (A) 1501 NE 48-11		

25X1

25X1

LOCATION: 0.6 nm NW of Phuong Dinh on Route 1A.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

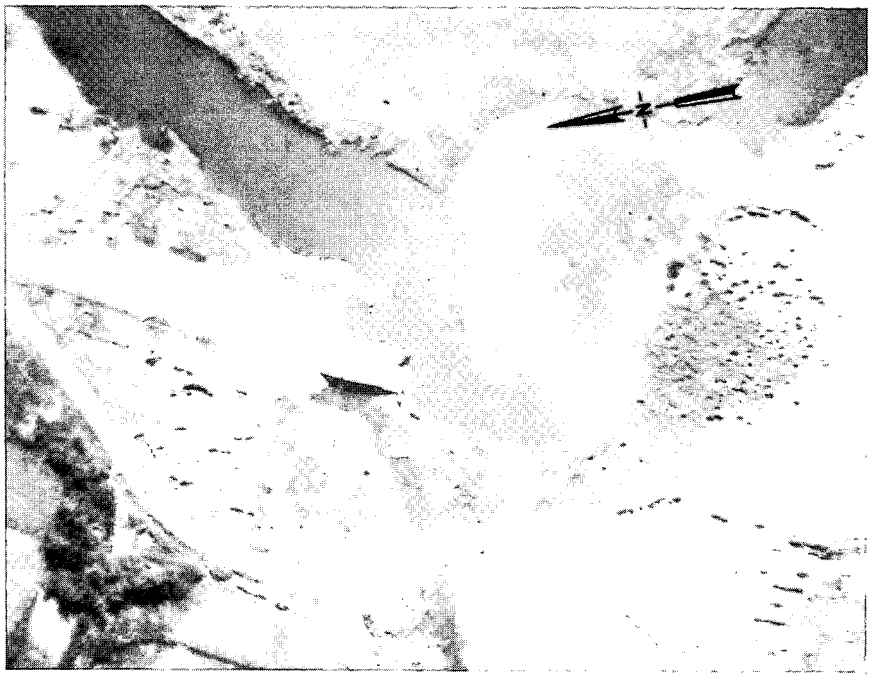
1 span dropped; 1 abutment destroyed; approach interdicted.

COMPENSATIVE ACTION:

By-pass with probable culvert.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Lang Kay RR. Bridge over Ngoi Chuc [redacted] Bridge No. 3 on NF 48-6	North Vietnam	22 03N - 104 29E VK 472394
[redacted]		BRIEF NO: PIB 75120 August 1966
MAP JOG (A) 1501 NF 48-6		

25X1

25X1

LOCATION: Approximately 1.4 nm SE of Lang Kay on the Hanoi/Lao Cai Rail Line.

DESCRIPTION:

LENGTH [redacted]
WIDTH (Single track)
TYPE Deck with lattice towers

MATERIAL Timber
NO. OF SPANS 4
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

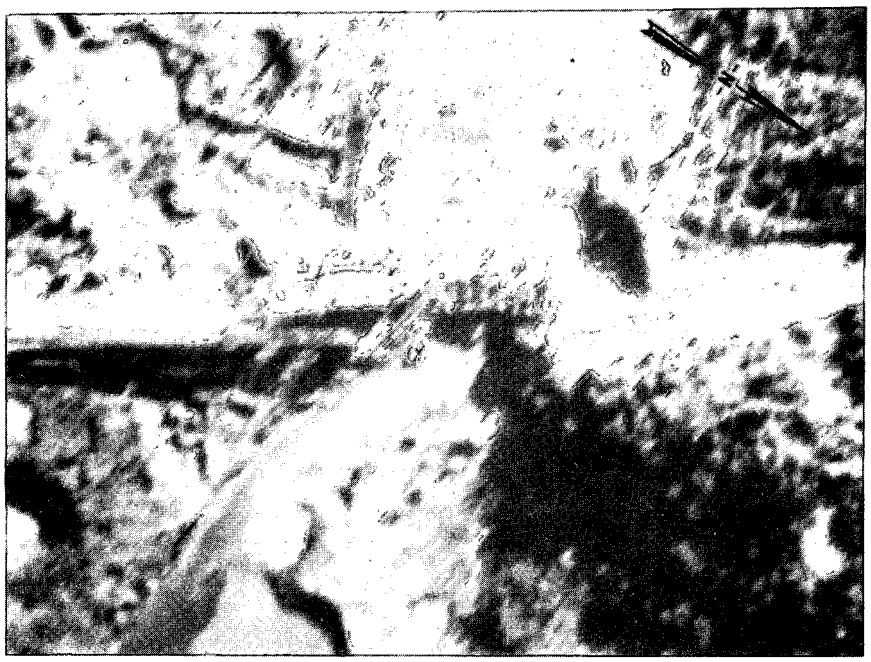
Original bridge span is dropped; replacement bridge has 2 spans destroyed, 1 pier damaged.

COMPENSATIVE ACTION:

None

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Lang Thip RR. Bridge over Ngoi Thip [redacted] Bridge No. 5 on NF 48-6	COUNTRY North Vietnam	COORDINATES 22 07N - 104 25E VK 398460
		BRIEF NO: PIB 75121 August 1966
MAP AMS L509 NF 48-6		

25X1

25X1

LOCATION: 1.9 nm SW of Lang Thip on the Hanoi/Lao Cai Rail Line.

DESCRIPTION:

LENGTH 80' approx.
WIDTH 10' approx. (Single track)
TYPE Half-through truss

MATERIAL Concrete and steel
NO. OF SPANS 2
LENGTH OF EACH SPAN 1 @ 10' approx., 1 @ 70' approx.

STATUS:

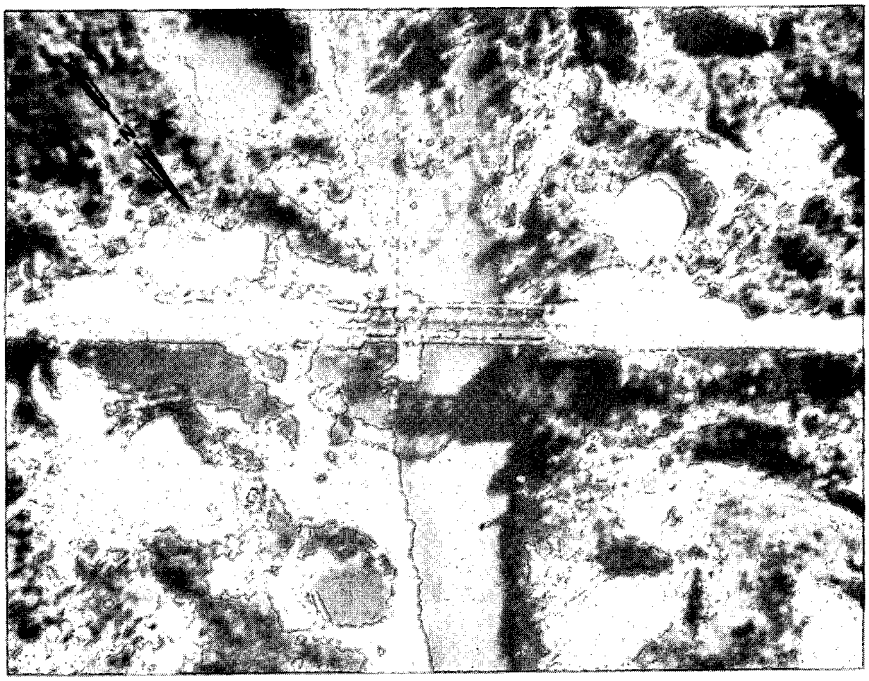
Bridge has probably been damaged and repaired by the addition of a temporary pier.

COMPENSATIVE ACTION:

None

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Sa Long Hwy. Bridge Bridge No. 74 on NE 48-7	North Vietnam	18 16N - 105 41E WF 620200
		BRIEF NO: PIB 75122 August 1966

25X1

MAP AMS L509 NE 48-7

LOCATION: 0.6 nm S of Sa Long on a by-pass for Route 15.

DESCRIPTION:

LENGTH 40' approx.
WIDTH
TYPE Deck

MATERIAL Wood
NO. OF SPANS 2 probable
LENGTH OF EACH SPAN 20' approx.

25X1

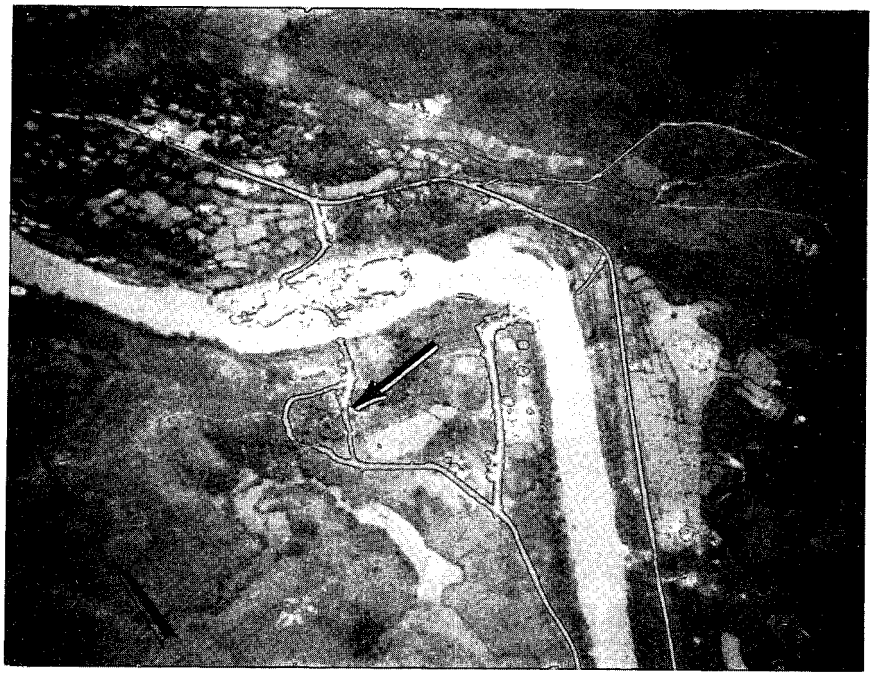
STATUS:

Original destroyed; bridge replaced by new deck-type bridge. (New bridge probably identical to original bridge.)

COMPENSATIVE ACTION:

1 new by-pass ford; (1 new by-pass ferry crossing serves both bridge No. 74 and nearby bridge No. 8).

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Phuong Hwy. Bridge S over Song Dinh [redacted] Bridge No. 22 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 32N - 106 33E XE 646406 25X1
[redacted]		BRIEF NO: PIB 75123 August 1966 25X1
MAP AMS JOG 1501 (A) NE 48-12		

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

DESCRIPTION:

LENGTH 110' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 11
LENGTH OF EACH SPAN 10' approx.

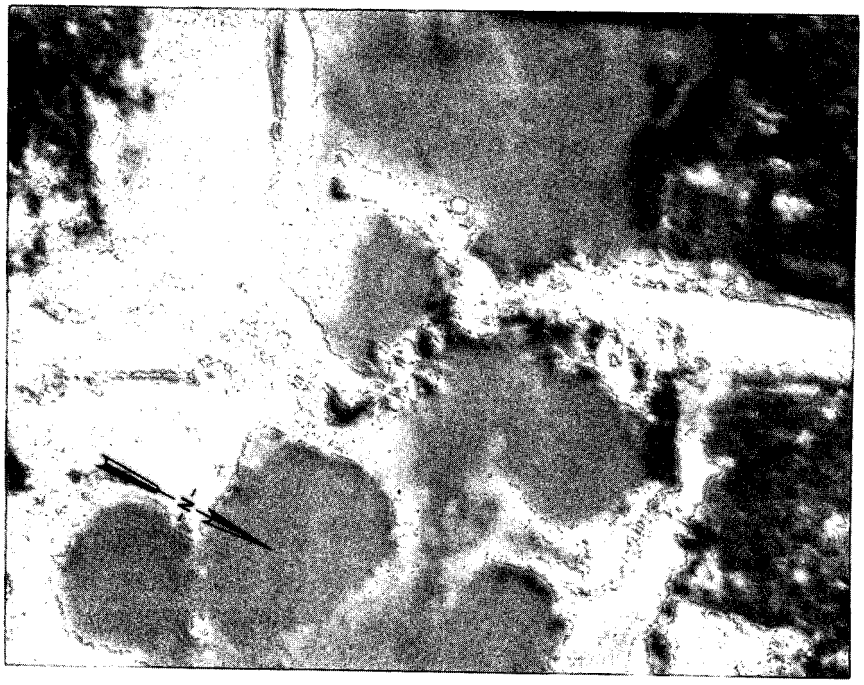
STATUS:

Original bridge destroyed; replacement causeway destroyed, [redacted] 25X1
timber replacement span moderately damaged.

COMPENSATIVE ACTION:

Ford

[redacted] 25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Chieu Ung RR. Bridge Bridge No. 13 on NF 48-11	North Vietnam	21 24N - 105 10E WJ 183669

BRIEF NO: PIB 75124 25X1

MAP JOG (G) NF 48-11 August 1966

LOCATION: 0.4 nm E of Chieu Ung on Hanoi/Lao Cai Rail Line.

DESCRIPTION:

LENGTH 90' approx.
WIDTH
TYPE Deck

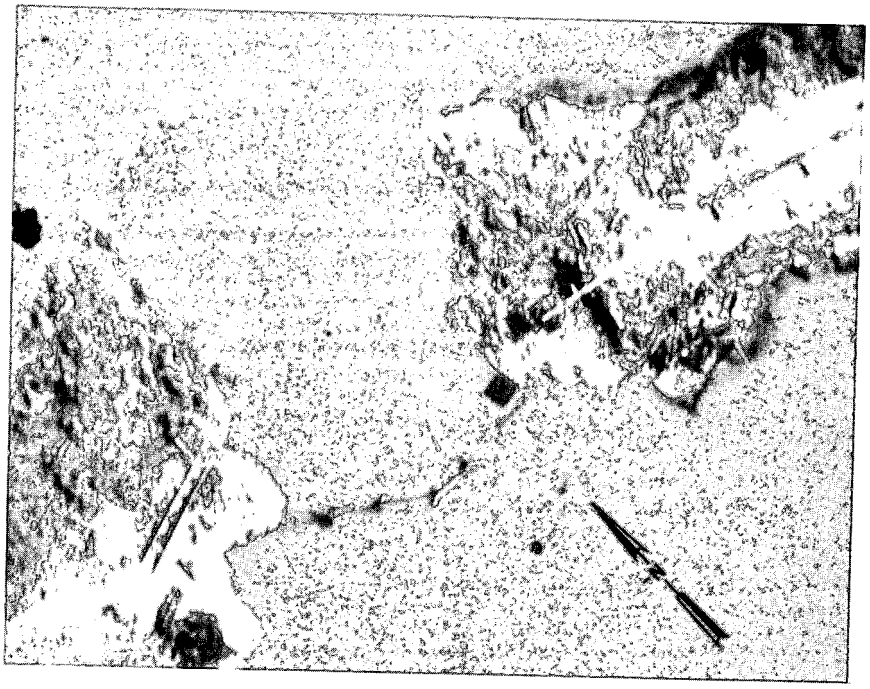
MATERIAL Concrete
NO. OF SPANS Undetermined
LENGTH OF EACH SPAN Undetermined 25X1

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

Construction material observed in the area.



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Lang Khay RR. Bridge over Ngoi Kay [redacted] Bridge No. 8 on NF 48-6	North Vietnam	22 01N - 104 31E YK 509362
[redacted]		BRIEF NO: PIB 75125 August 1966
MAP AMS JOG (A) 1501 NF 48-6		

25X1

25X1

LOCATION: 1.8 nm SW of Ky Dong on Hanoi-Lao Cai Rail Line.

DESCRIPTION:

LENGTH 135' approx.
WIDTH [redacted] (Single track)
TYPE Deck

MATERIAL Timber and steel
NO. OF SPANS 3
LENGTH OF EACH SPAN 1 @ 90' approx., 1 @ 30' approx. 1 @ 15' approx.

25X1

STATUS:

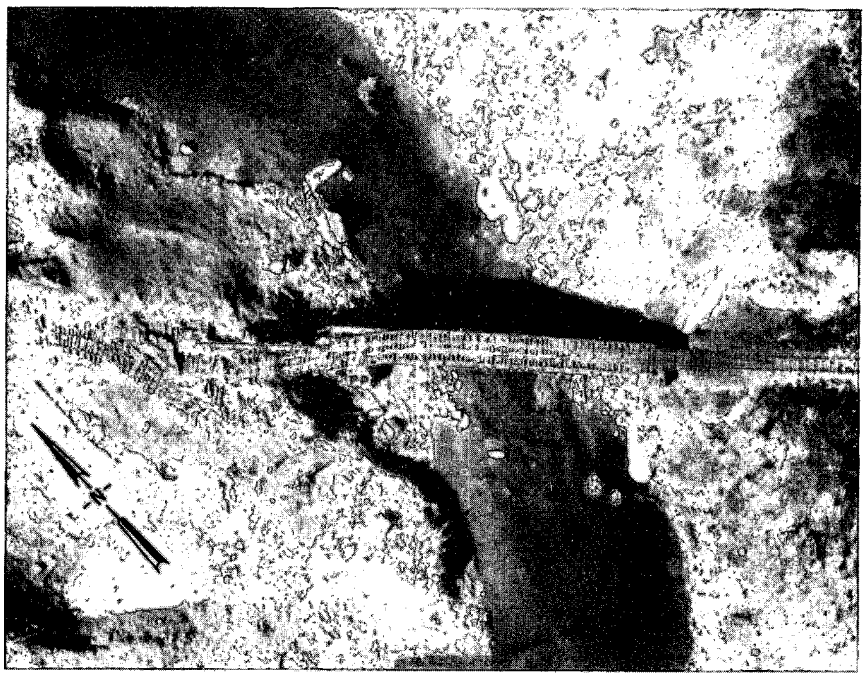
Timber decking on 30' span damaged; rail interdicted.

COMPENSATIVE ACTION:

None

25X1

[redacted]



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CIA IMAGERY ANALYSIS DIVISION

NAME Qui Vinh By-pass No. 2 RR. Br. over Song Hoang Mai [redacted] Bridge No. 1 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 15N - 105 41E WG 720302 25X1
[redacted]		BRIEF NO: PIB 75126 August 1966 25X1
MAP AMS L509 NE 48-7		

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

DESCRIPTION:

LENGTH
WIDTH [redacted] (Single track)
TYPE Wood trestle

MATERIAL Timber
NO. OF SPANS 16 approx.
LENGTH OF EACH SPAN [redacted]

25X1

25X1

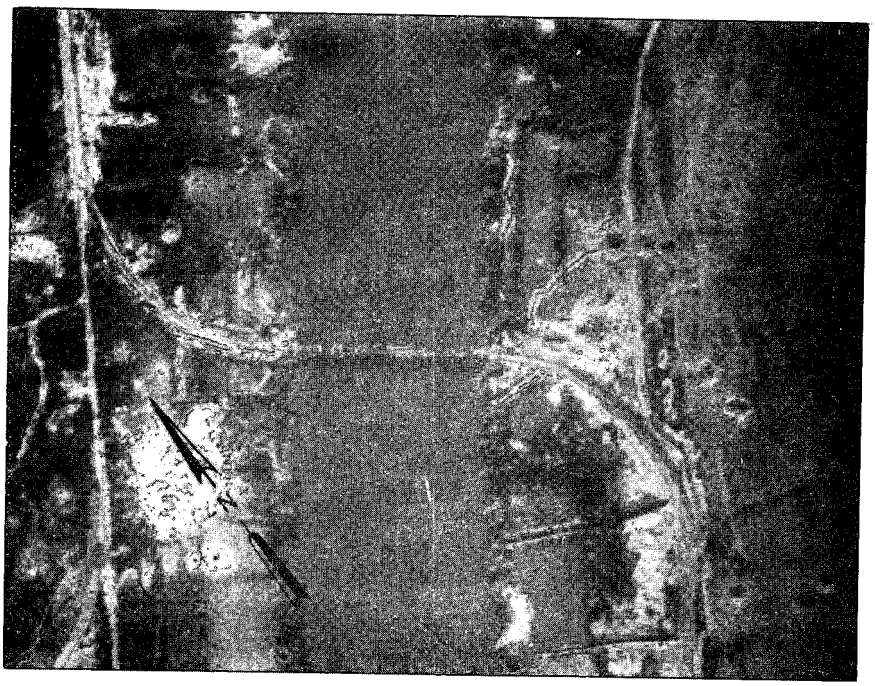
STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

By-pass No. 1 remains serviceable.

[redacted] 25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Qui Vinh By-pass No. 2 RR. Br. over Song Hoang Mai [redacted] Bridge No. 1 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 15N - 105 41E WG 720302 25X1
[redacted]		BRIEF NO: PIB 75126 August 1966 25X1
MAP AMS L509 NE 48-7		

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

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Wood trestle (Single track)

MATERIAL Timber 25X1
NO. OF SPANS 16 approx.
LENGTH OF EACH SPAN [redacted] 25X1

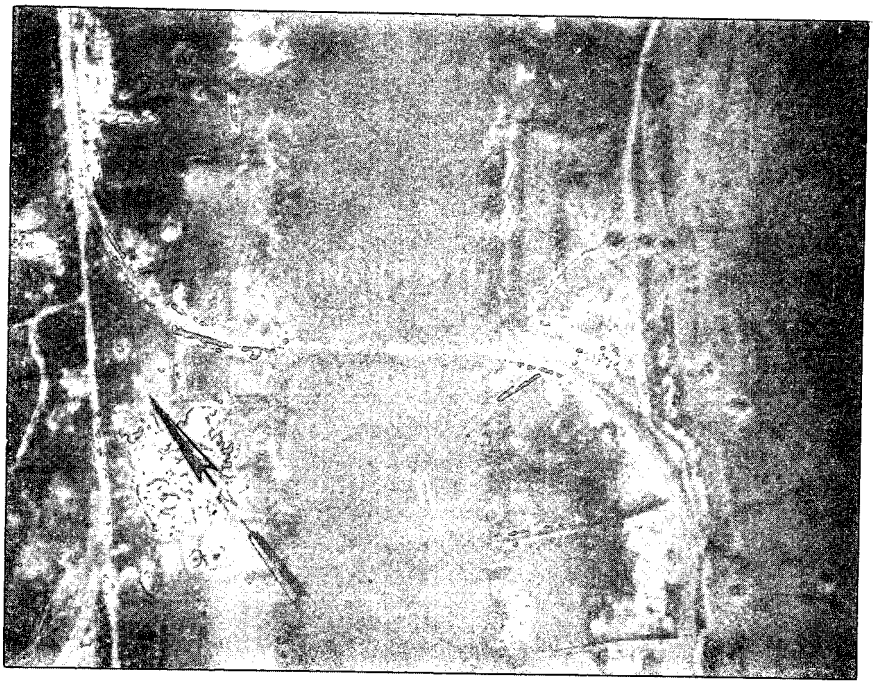
STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

By-pass No. 1 remains serviceable.

[redacted] 25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Trong Quang Tieh RR. Bridge over Song Yen [redacted] Bridge No. 37 on NE 48-3	North Vietnam	19 37N - 105 42E WG 740696
[redacted]		BRIEF NO: PIB 75127 August 1966
MAP: AMS JOG (A) 1501 NE 48-3		

25X1

25X1

LOCATION: 1.2 nm E of Trong Quang Tieh on Hanoi-Vinh Rail Line.

DESCRIPTION:

LENGTH: 195' approx.
WIDTH: 10' approx. (Single track)
TYPE: Deck-girder
MATERIAL: Steel
NO. OF SPANS: 3
LENGTH OF EACH SPAN: 65' approx.

STATUS:

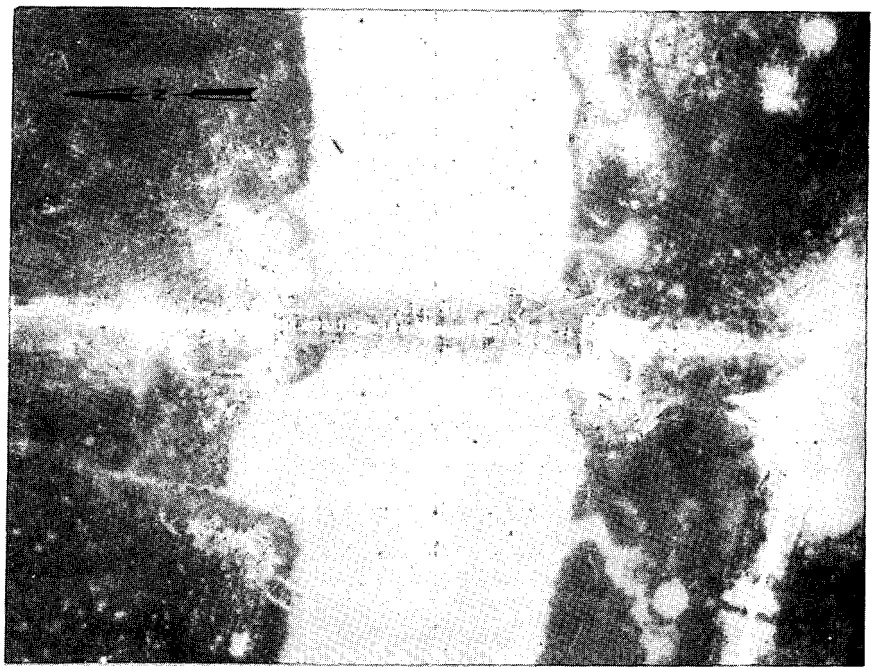
1 span heavily damaged; approach interdicted; bridge unserviceable.

COMPENSATIVE ACTION:

By-pass bridge.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Canh Trap Hwy. Bridge [redacted] Bridge No. 12 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 13N - 104 32E VG 514251
[redacted]		BRIEF NO: PIB 75128 August 1966
MAP AMS JOG (A) 1501 NE 48-2		

25X1

25X1

LOCATION: 0.1 nm W of Canh Trap on Route 7.

DESCRIPTION:

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

MATERIAL Wood
NO. OF SPANS 4
LENGTH OF EACH SPAN 15' approx.

STATUS:

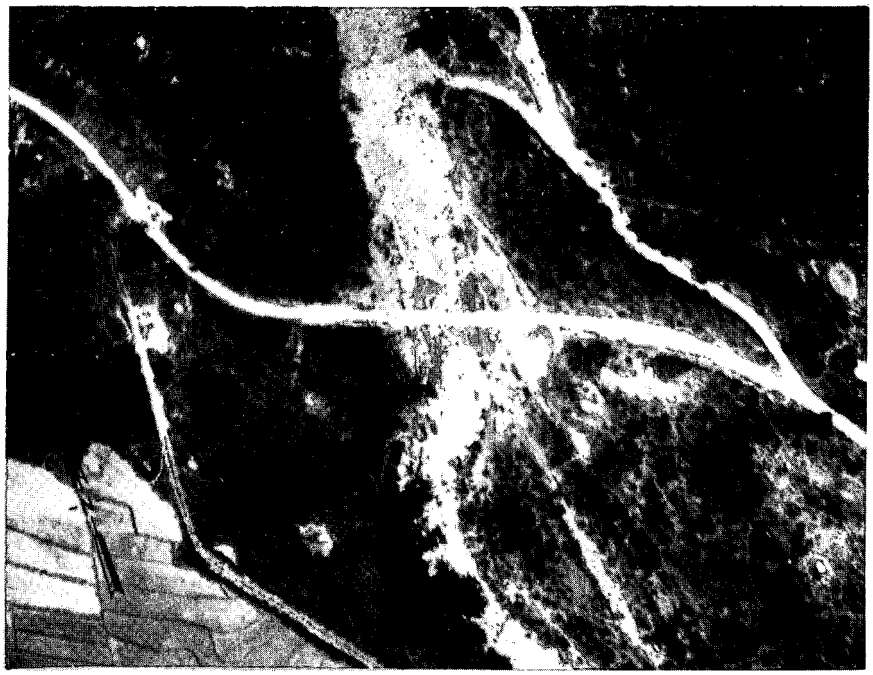
Destroyed span replaced; serviceable.

COMPENSATIVE ACTION:

NA

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Lau Hwy. Bridge Bridge No. 27 on NE 48-2	North Vietnam	19 14N - 104 30E VG 484272
		BRIEF NO: PIB 75129 August 1966

25X1

25X1

MAP: AMS JOG (A) 1501 NE 48-2

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

DESCRIPTION:

LENGTH: 70' approx.
WIDTH: 10' approx.
TYPE: Deck

MATERIAL: Concrete and wood
NO. OF SPANS: 1
LENGTH OF EACH SPAN: 70' approx.

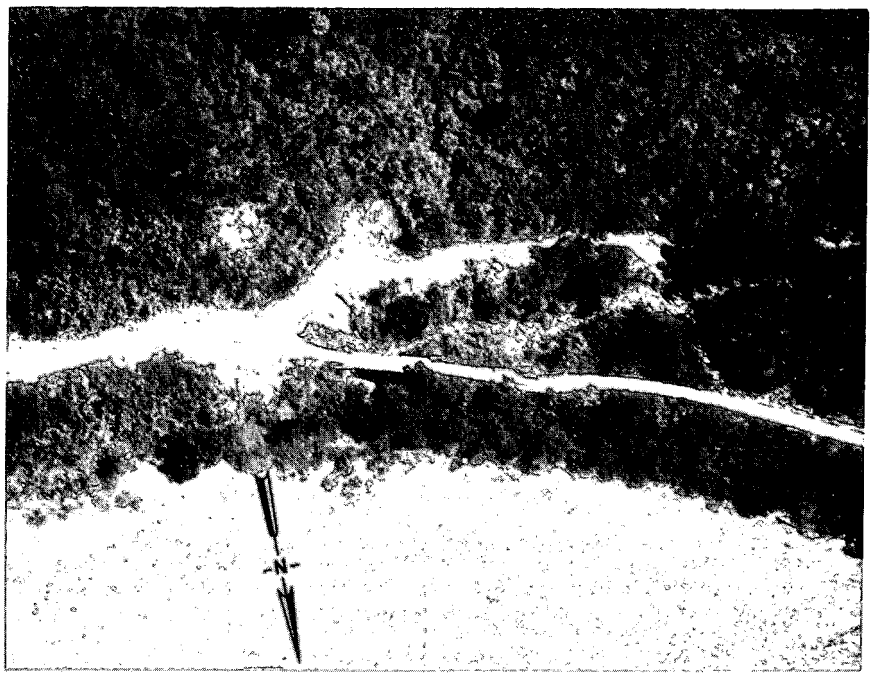
STATUS:

Approaches repaired; abutment and decking repaired; bridge is serviceable.

COMPENSATIVE ACTION:

Ford

25X1



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[redacted]

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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Ta Xa Hwy. Bridge over stream [redacted] Bridge No. 15 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 17N - 104 20E VG 305334
[redacted]		BRIEF NO: PIB 75130 August 1966
MAP AMS JOG (A) 1501 NE 48-2		

25X1

25X1

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

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

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

25X1

25X1

STATUS:

Center span dropped; one end span heavily damaged.

COMPENSATIVE ACTION:

Ford.

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME Tho Trang RR. Bridge over stream [redacted] Bridge No. 14 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 09N - 105 37E WG 649181
[redacted]		BRIEF NO: PIB 75131 August 1966
MAP AMS L509 NE 48-3		

25X1

25X1

LOCATION: 0.5 nm SE of Tho Trang on Hanoi-Vinh Rail Line.

DESCRIPTION:

LENGTH 60' approx.
WIDTH 10' approx. (Single track)
TYPE Half-through truss
MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 60' approx.

STATUS:

Span heavily damaged - out of alignment; bridge not serviceable.

COMPENSATIVE ACTION:

None

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Houei Ty Hwy. Bridge Bridge No. 23 on NE 48-2	North Vietnam	19 23N - 104 10E VG 122442
		BRIEF NO: PIB 75132 August 1966

25X1

MAP AMS L509 NE 48-2

LOCATION: 0.1 nm W of Ban Houei Ty on Route 7.

DESCRIPTION:

LENGTH 50' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Wood and concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 25' approx.

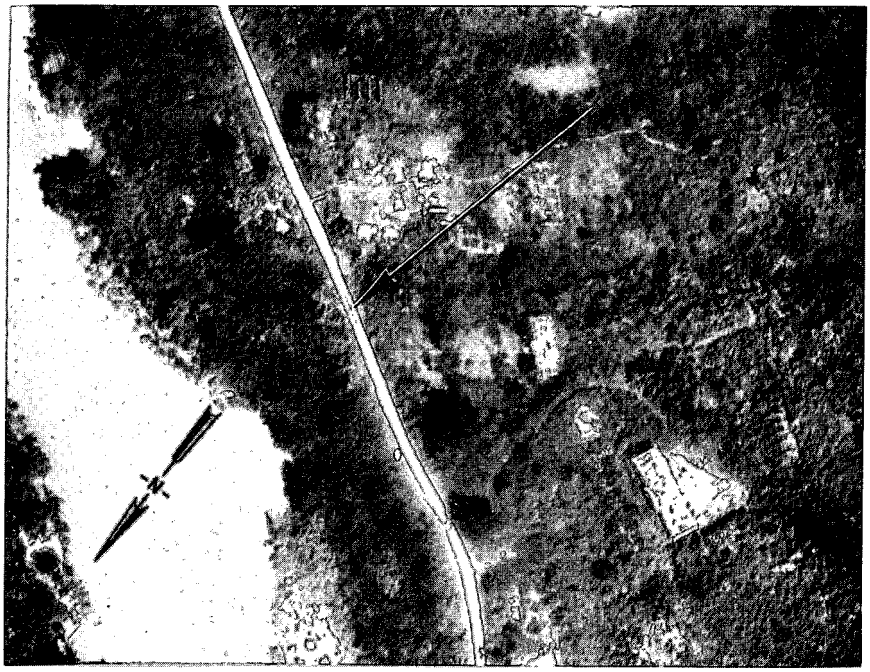
STATUS:

Destroyed span replaced; bridge is well camouflaged and serviceable.

COMPENSATIVE ACTION:

NA

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Ca Trang Hwy. Bridge No. 1 [redacted] Bridge No. 3 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 57N - 105 49E WE 865855
[redacted]		BRIEF NO: PIB 75133 August 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.6 nm W of Xom Ca Trang on Route 15.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

MATERIAL Concrete and steel
NO. OF SPANS 4
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

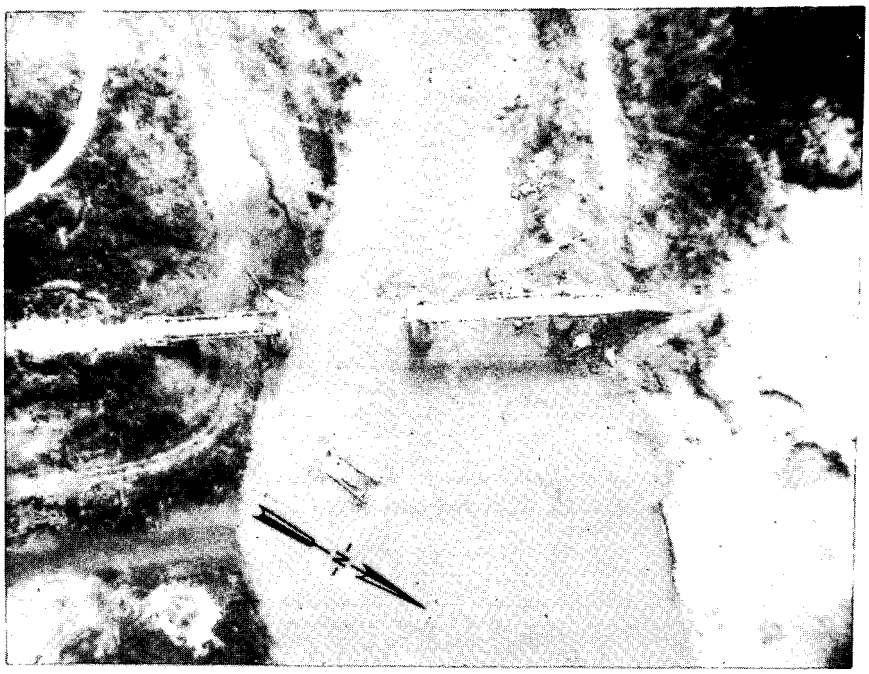
One pier destroyed; one span dropped; 1 span heavily damaged; cable footings on north approach destroyed.

COMPENSATIVE ACTION:

By-pass ford and by-pass bridge.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Qui My Hwy. Bridge S over stream [redacted] Bridge No. 50 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 24N - 105 45E WG 800460
		BRIEF NO: PIB 75134 August 1966
MAP JOG (A) 1501 NE 48-3		

25X1

25X1

LOCATION: 0.5 nm S of Qui My on Route 1A.

DESCRIPTION:

LENGTH 100' approx.
WIDTH 10' approx.
TYPE Deck

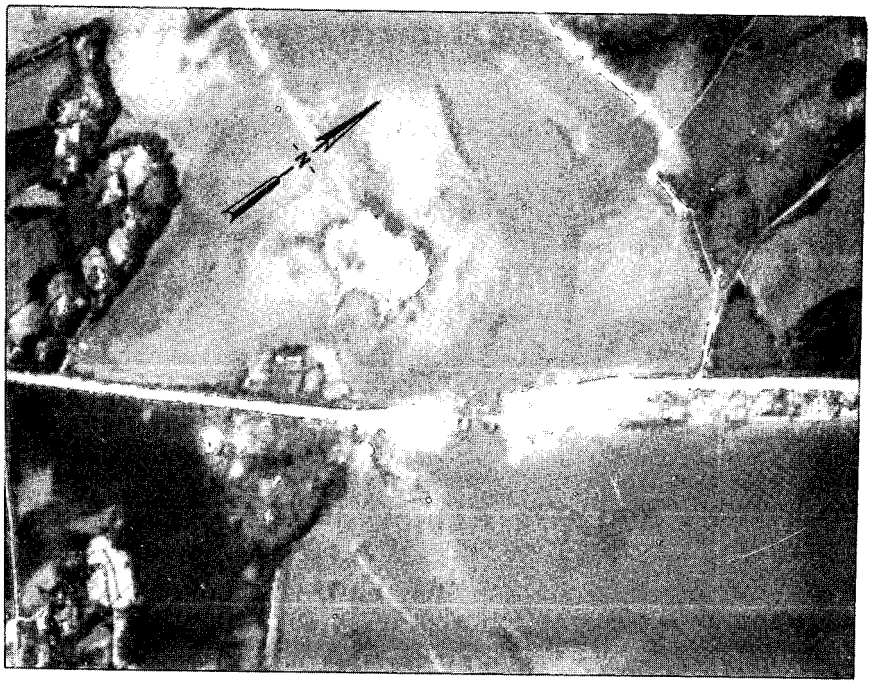
MATERIAL Timber
NO. OF SPANS 5 approx.
LENGTH OF EACH SPAN 20' approx.

STATUS:

All spans destroyed.

COMPENSATIVE ACTION:

Possible construction of timber by-pass bridge.



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CIA IMAGERY ANALYSIS DIVISION

NAME Tri Dong Hwy. Bridge over Song Day [redacted] Bridge No. 2 on NF 48-15	COUNTRY North Vietnam	COORDINATES 20 21N - 105 55E WH 966517
[redacted]		BRIEF NO: PIB 75135 August 1966
MAP AMS L509 NF 48-15		

25X1

25X1

LOCATION: 0.2 nm E of Tri Dong on Route 1A.

DESCRIPTION:

LENGTH 240' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 8
LENGTH OF EACH SPAN 30' approx.

25X1

STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

NA

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Duc Pho RR. Bridge Bridge No. 19 on NE 48-12	North Vietnam	17 25N - 106 36E XE 706270

BRIEF NO: PIB 75136 25X1
August 1966

MAP JOG (A) 1501 NE 48-12

LOCATION: 1 nm SW of Duc Pho on the Dong Hoi/DMZ Rail Line (abandoned).

DESCRIPTION:

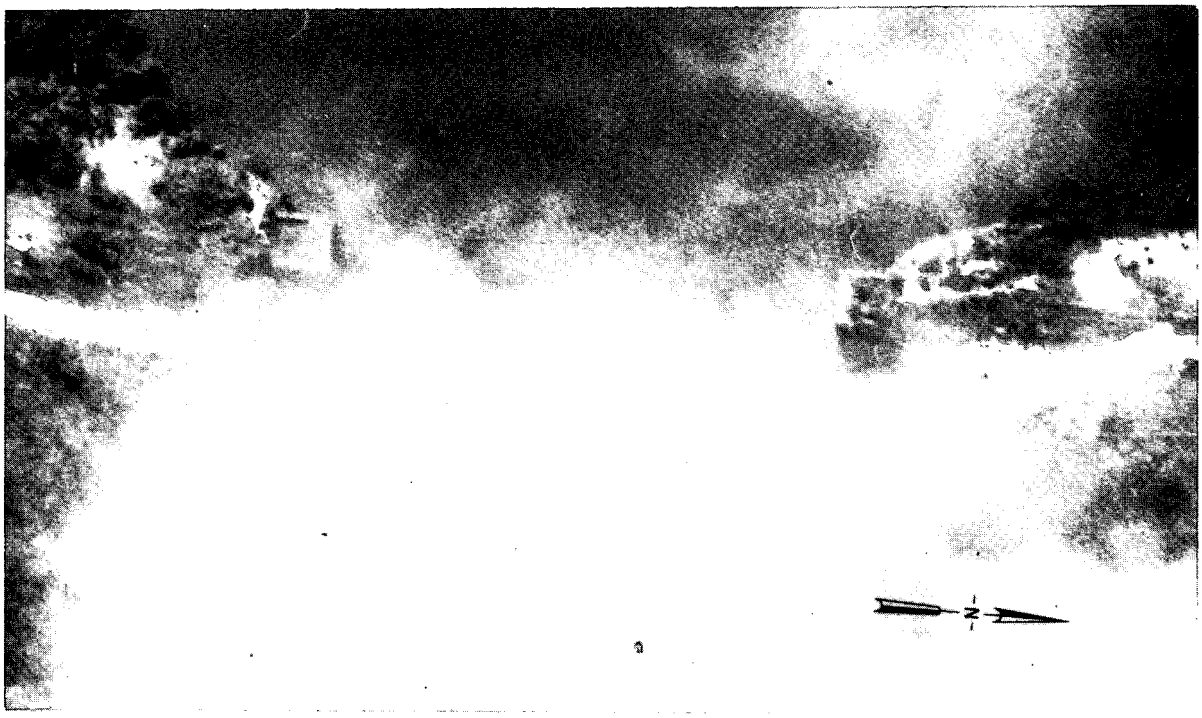
LENGTH 175' approx.
WIDTH
TYPE
Dropped through truss partially supporting a deck-type bridge.

MATERIAL Steel, concrete, and wood
NO. OF SPANS 1
LENGTH OF EACH SPAN 175' approx. 25X1

STATUS:
Pre-strike; original structure destroyed prior to U.S. involvement in Vietnam; actively in use now for carts and foot traffic.

COMPENSATIVE ACTION:
NA

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Duc Pho RR. Bridge Bridge No. 19 on NE 48-12	North Vietnam	17 25N - 106 36E XE 706270
		BRIEF NO: PIB 75137 August 1966

MAP JOG (A) 1501 NE 48-12

25X1

LOCATION: 1.0 nm SW of Duc Pho on the Dong Hoi/DMZ Rail Line (abandoned).

DESCRIPTION:

LENGTH 175' approx.
WIDTH [redacted]
TYPE Dropped through truss partially supporting a deck-type bridge.

MATERIAL Steel, concrete, and wood
NO. OF SPANS NA
LENGTH OF EACH SPAN NA

25X1

STATUS:

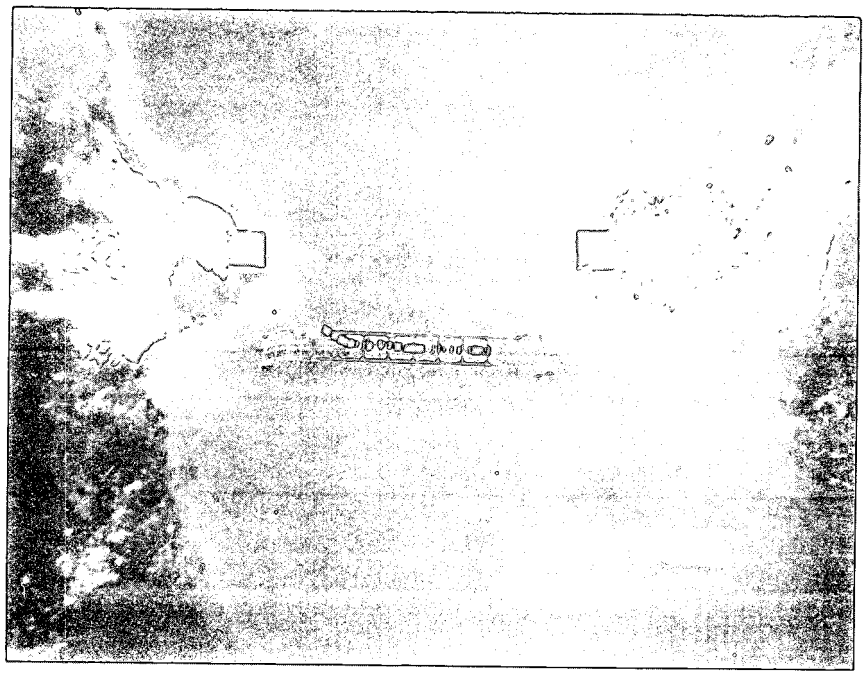
Original bridge destroyed prior to U.S. involvement in Vietnam. Wood decking was placed on the dropped truss sections for use by foot and cart traffic only. Subsequently destroyed.

COMPENSATIVE ACTION:

NA

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Xom Ca Dinh Hwy. Bridge over stream [redacted] Bridge No. 6 on NE 48-11	North Vietnam	17 48N - 105 47E WE 828696
[redacted]		BRIEF NO: PIB 75138 August 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: At Xom Mon on Route 15.

DESCRIPTION:

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

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

STATUS:

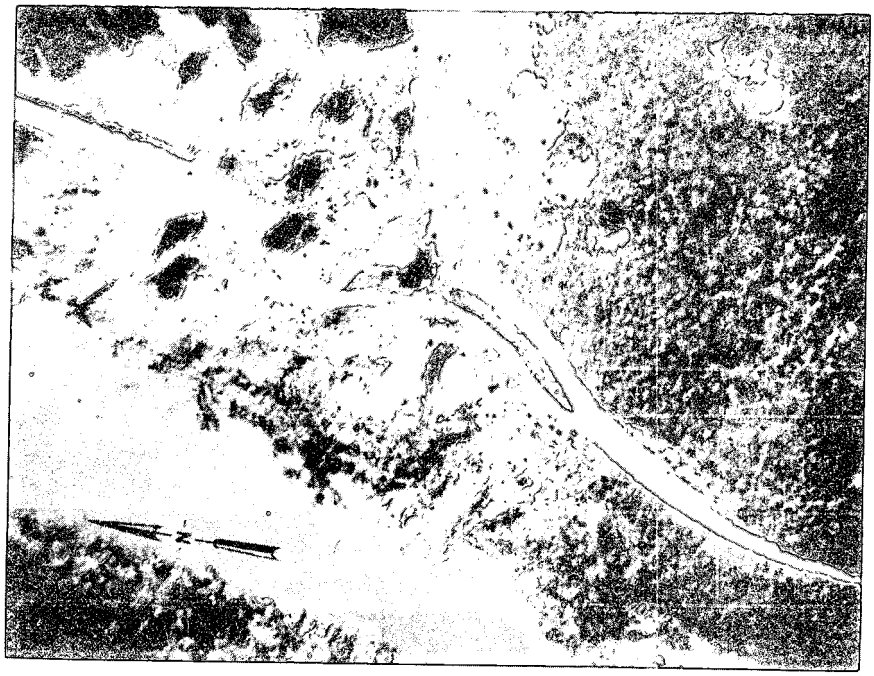
Destroyed.

COMPENSATIVE ACTION:

Ford.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Kim Lu Xa RR. Bridge over Khe Dan [redacted] Bridge No. 44 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 57N - 105 57E XE 021848
[redacted]		BRIEF NO: PIB 75139 August 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.1 nm N of Kim Lu Xa on Vinh-Dong Hoi RR.

DESCRIPTION:

LENGTH 180' approx.
WIDTH 10' approx. (Single track)
TYPE Deck beam with A-frame supports

MATERIAL Timber
NO. OF SPANS 3 major spans with supporting A-frames
LENGTH OF EACH SPAN 1 @ 100' approx.
2 @ 40' approx.

STATUS:

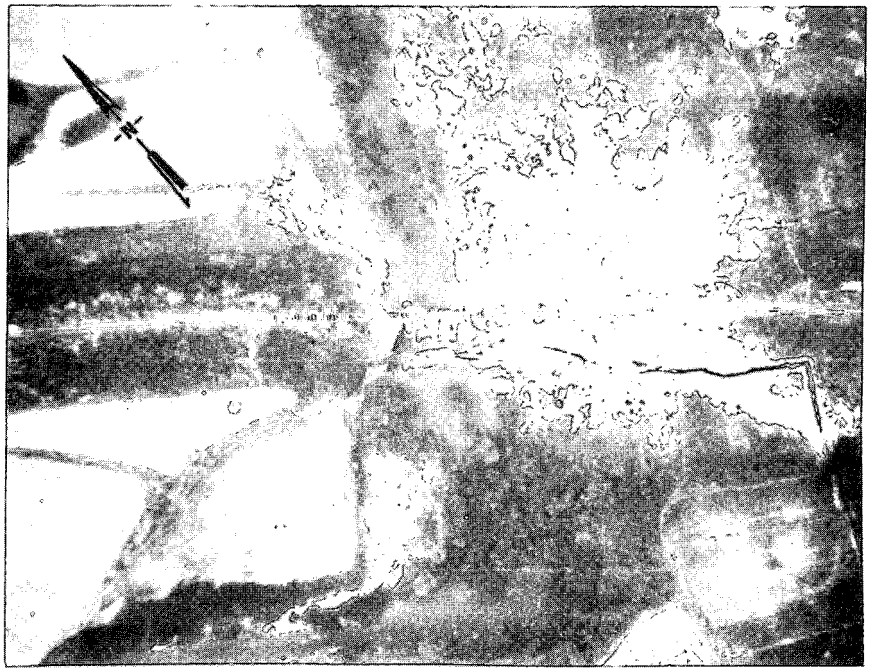
Repaired and serviceable.

COMPENSATIVE ACTION:

None

[redacted]

25X1



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GROUP 1: EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

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CIA IMAGERY ANALYSIS DIVISION

NAME Cao Nung RR. Bridge over Song Hoa [redacted] Bridge No. 2 on NF 48-12	**COUNTRY** North Vietnam	**COORDINATES** 21 33N - 106 29E XJ 554845
[redacted]		**BRIEF NO:** PIB 75140 August 1966
MAP AMS JOG (A) 1501 NF 48-12		

25X1

25X1

LOCATION: 0.4 nm SE of Cao Nung on the Hanoi-Dong Dang Rail Line.

DESCRIPTION:

LENGTH 175' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Steel, concrete, and timber
NO. OF SPANS 3
LENGTH OF EACH SPAN 1 @ 70' approx., 1 @ 60' approx. 1 @ 45' approx.

25X1

STATUS:

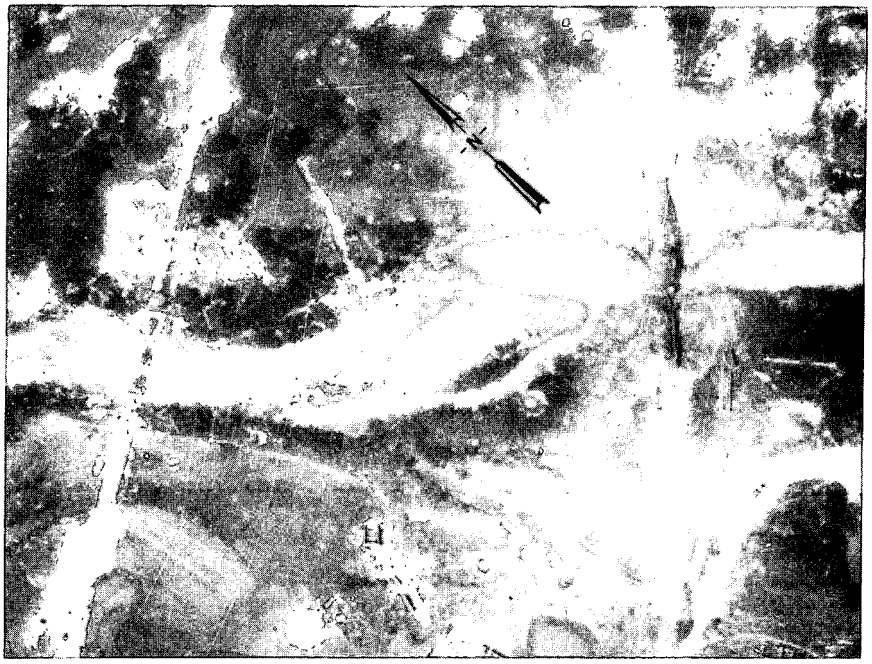
2 spans dropped (45' and 60'); 1 span heavily damaged (70'); by-pass bridge dismantled.

COMPENSATIVE ACTION:

None

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Cung Que Hwy. Bridge SW over Hoang Long Giang [redacted] Bridge No. 3 on NF 48-15	North Vietnam	20 19N - 105 56E WH 980476
		BRIEF NO: PIB 75141 August 1966
MAP AMS L509 NF 48-15		

25X1

25X1

LOCATION: 1 nm SW of Cung Que on Route 1A.

DESCRIPTION:

LENGTH 360' approx.
WIDTH 10' approx.
TYPE Half-through truss

MATERIAL Steel and concrete
NO. OF SPANS 4
LENGTH OF EACH SPAN 2 @ 150' approx.
2 @ 30' approx.

STATUS:

Repaired and serviceable.

COMPENSATIVE ACTION:

NA

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ha Tinh Hwy. Bridge Bridge No. 29 on NE 48-7	North Vietnam	18 20N - 105 54E WF 959275
		BRIEF NO: PIB 75142 August 1966
MAP JOG (A) 1501 NE 48-7		

25X1

LOCATION: At Ha Tinh on an unnumbered route.

DESCRIPTION:

LENGTH 60' approx.
WIDTH [redacted]
TYPE Deck

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

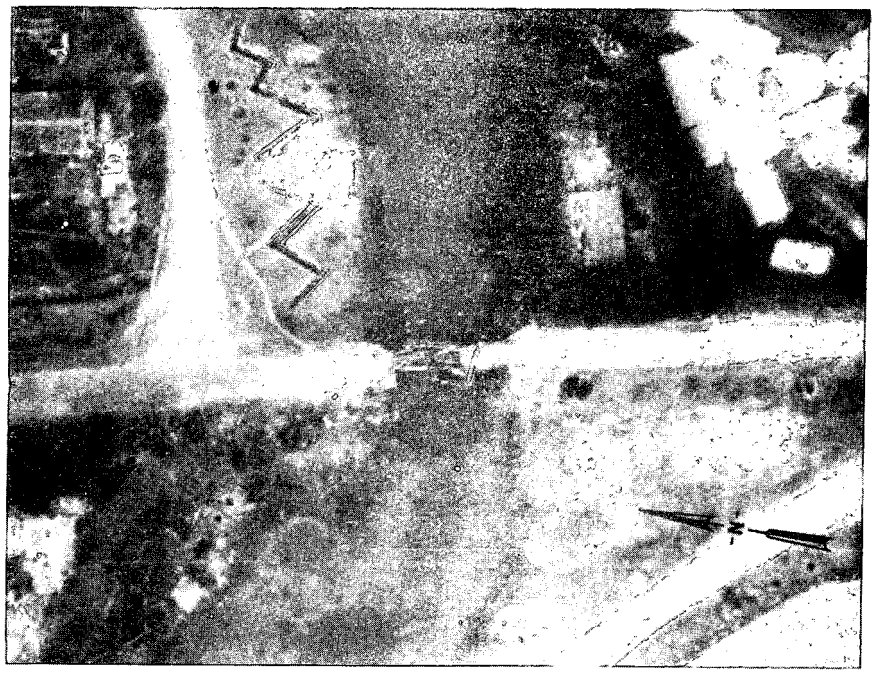
25X1

STATUS:

2 spans and 1 pier destroyed.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Xa Hwy. Bridge over stream [redacted] Bridge No. 12 on NE 48-7	North Vietnam	18 29N - 105 45E WF 792440
		BRIEF NO: PIB 75143 August 1966
MAP AMS JOG (A) 1501 NE 48-7		

25X1

25X1

LOCATION: 0.4 nm SE of Dong Xa on Route 1A.

DESCRIPTION:

LENGTH 50' approx.
WIDTH 10' approx.
TYPE Deck

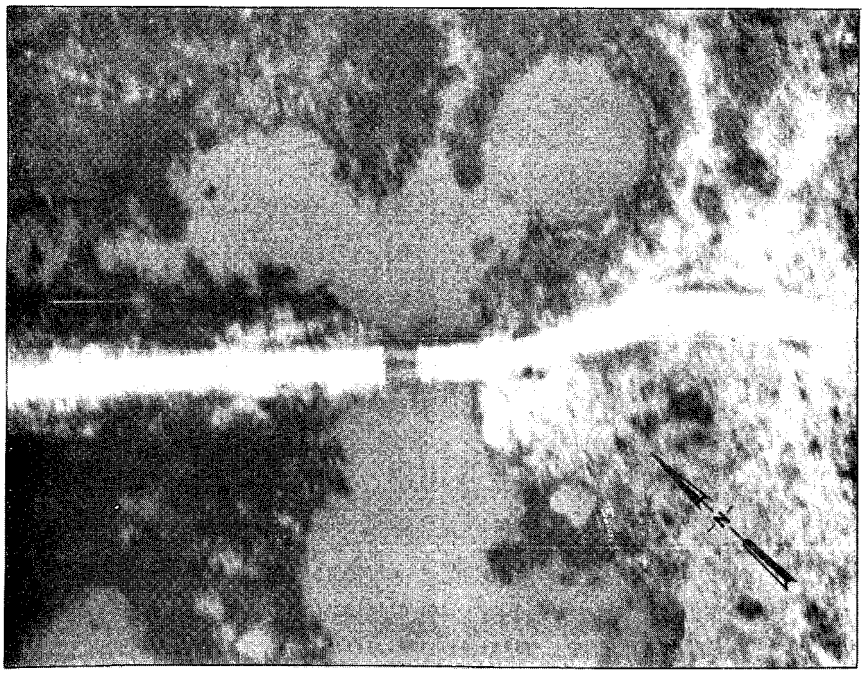
MATERIAL Wood and concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 25' approx.

STATUS:

Repaired (utilizing stringers) and probably serviceable.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Vinh Lun Hwy. Bridge over Song Chau Lam [redacted] Bridge No. 31 on NE 48-7	North Vietnam	18 20N - 105 52E WF 928276
[redacted]		BRIEF NO: PIB 75144 August 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: At Vinh Lun on Route 15.

DESCRIPTION:

LENGTH 120' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Wood
NO. OF SPANS 6 probable
LENGTH OF EACH SPAN 20' approx.

25X1

STATUS:

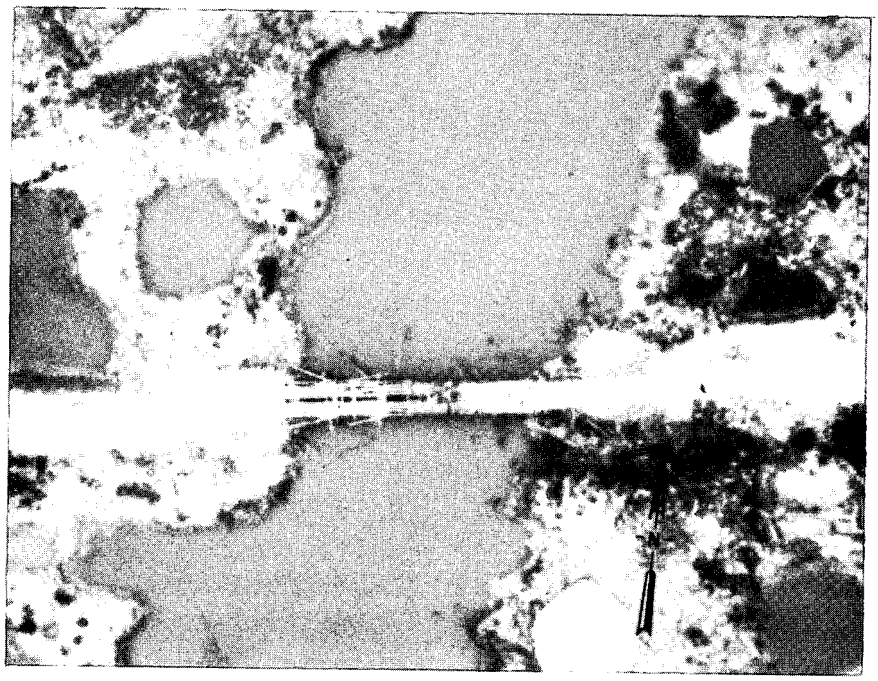
Bridge is in the late stages of repair.

COMPENSATIVE ACTION:

By-pass road and possible ferry site.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Lang Lau RR. Bridge over Song Cau [redacted] Bridge No. 8 on NF 48-11	North Vietnam	21 33N - 105 54E WJ 833926
		BRIEF NO: PIB 75145 August 1966
MAP AMS L509 NF 48-11		

25X1

25X1

LOCATION: 1.1 nm S of Lang Dam on Kep/Thai Nguyen Rail Line.

DESCRIPTION:

LENGTH 240' approx.
WIDTH [redacted] (Single track)
TYPE Deck

MATERIAL Steel and concrete
NO. OF SPANS 6
LENGTH OF EACH SPAN 40' approx.

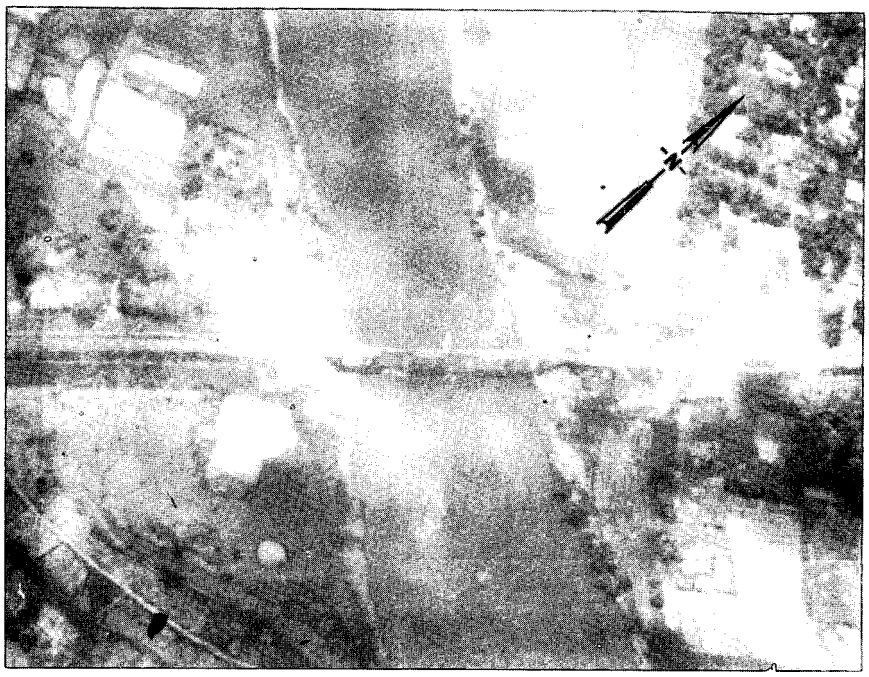
25X1

STATUS:

Two spans damaged/destroyed, one approach interdicted.

COMPENSATIVE ACTION:

Affected spans repaired/replaced. Bridge is now serviceable. Approach remains interdicted.



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CIA IMAGERY ANALYSIS DIVISION

NAME Than Dau Hwy. Bridge SE over Khe Luy [redacted] Bridge No. 96 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 00N - 106 28E XE 550916
[redacted]		BRIEF NO: PIB 75146 August 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 1.2 nm SE of Than Dau on Route 1A.

DESCRIPTION:

LENGTH 40' approx.
WIDTH [redacted]
TYPE Deck

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

25X1

STATUS:

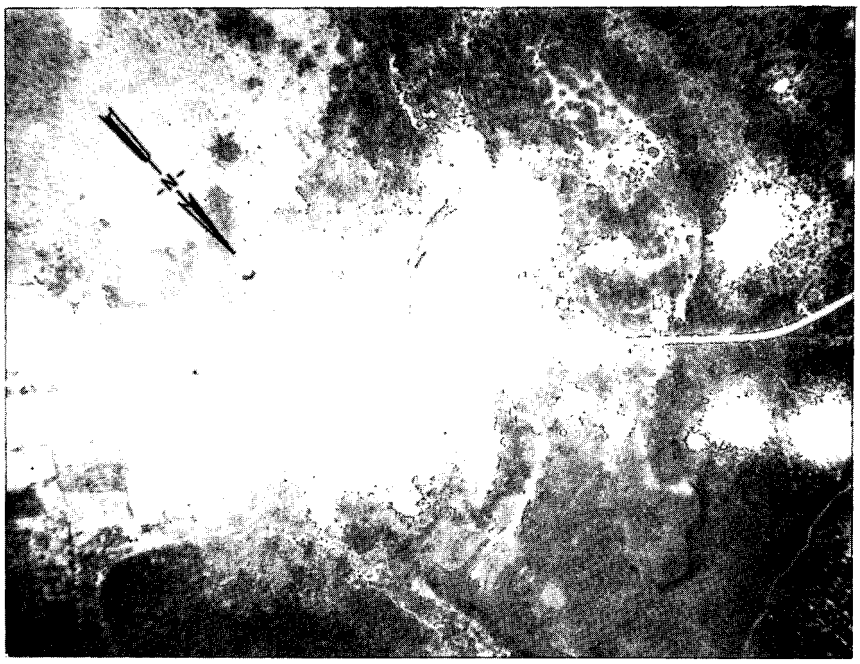
Span has been dropped.

COMPENSATIVE ACTION:

By-pass ford also interdicted.

[redacted]

25X1



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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
		BRIEF NO: PIB 75147 September 1966
MAP AMS L509 NE 48-12		

25X1

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

DESCRIPTION:

LENGTH 105' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 3 probable
LENGTH OF EACH SPAN 2 @ 40' approx.
1 @ 25' approx.

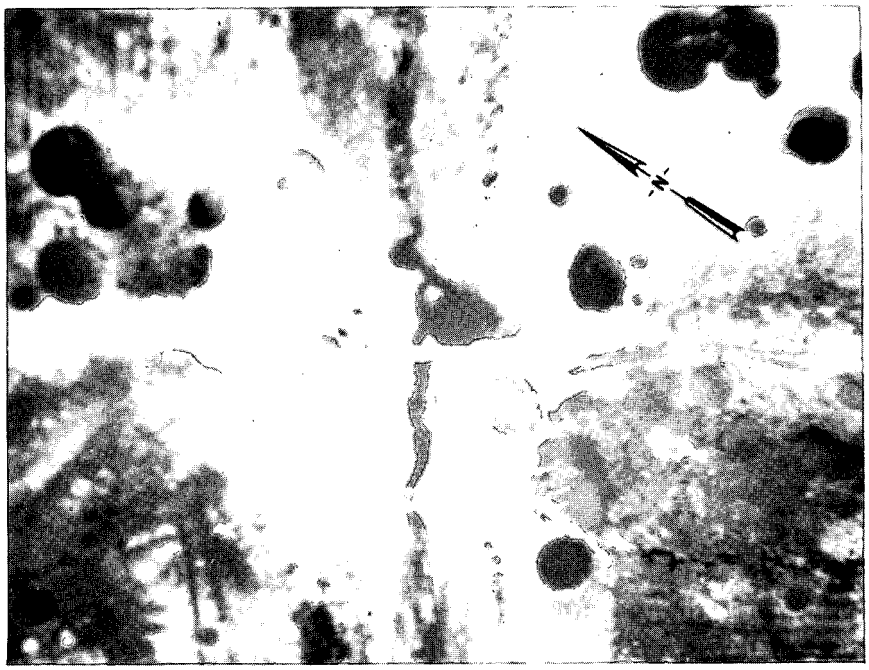
STATUS:

1 span dropped; 1 abutment destroyed.

COMPENSATIVE ACTION:

None apparent.

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Co Giang Hwy. Bridge over stream [redacted] Bridge No. 42 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 36N - 106 20E XE 432480
[redacted]		BRIEF NO: PIB 75148 September 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.2 nm W of Co Giang on Route 101.

DESCRIPTION:

LENGTH 45' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Timber
NO. OF SPANS 3 probable
LENGTH OF EACH SPAN 15' approx.

STATUS:

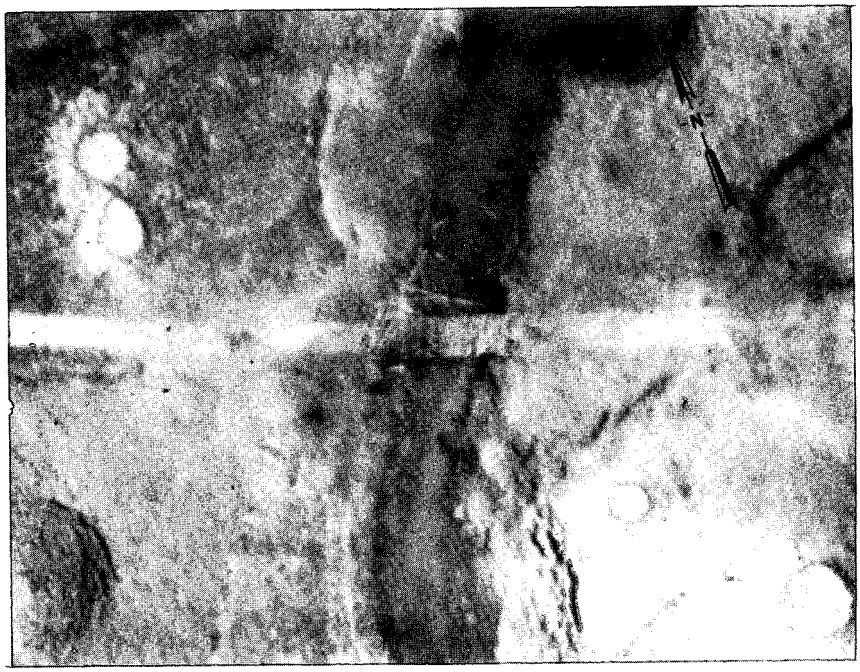
Moderate damage to deck.

COMPENSATIVE ACTION:

None

[redacted]

25X1



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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
		BRIEF NO: PIB 75149 September 1966
MAP AMS L509 NE 48-11		

25X1

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

DESCRIPTION:

LENGTH 40' approx.
WIDTH 10' approx.
TYPE Combination lock-and deck-type bridge

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 40' approx.

STATUS:

Crushed rock causeway which replaced original bridge has been completely destroyed.

COMPENSATIVE ACTION:

None apparent.

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Phit Hwy. Bridge Bridge No. 26L on NE 48-11	Laos	17 30N - 105 08E WE 157360
		BRIEF NO: PIB 75150 September 1966

25X1

MAP JOG (A) 1501 NE 48-11

LOCATION: 1.8 nm E of Ban Phit on Route 12.

DESCRIPTION:

LENGTH 180' approx.
WIDTH
TYPE Probable deck

MATERIAL Timber and steel
NO. OF SPANS 4
LENGTH OF EACH SPAN 45' approx.

25X1

STATUS:

4 spans destroyed.

COMPENSATIVE ACTION:

None

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CIA IMAGERY ANALYSIS DIVISION

NAME Muong Hang Hwy. Bridge over Nam Hang [redacted] Bridge No. 3L on NF 48-14	COUNTRY Laos	COORDINATES 20 37N - 104 24E VH 391813
		BRIEF NO: PIB 75150 September 1966
MAP JOG (A) 1501 NF 48-14		

25X1

25X1

LOCATION: 0.2 nm NE of Ban Noua Na on Route 6.

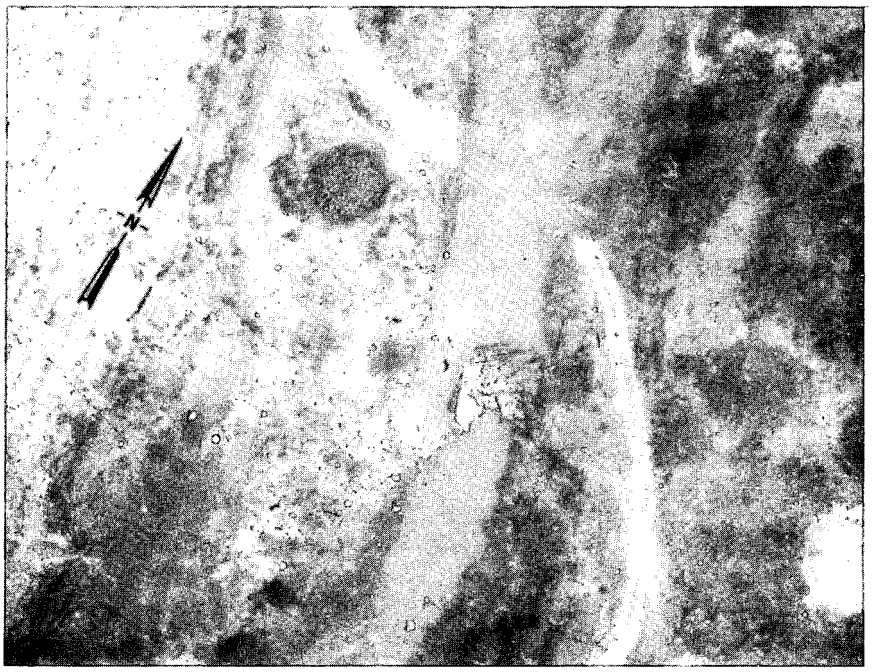
DESCRIPTION:

LENGTH 50' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Timber
NO. OF SPANS 2
LENGTH OF EACH SPAN 25' approx.

STATUS:
Destroyed.

COMPENSATIVE ACTION:
Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Thuong Lap Hwy. Bridge over Khe Chantri [redacted] Bridge No. 51 on NE 48-12	North Vietnam	17 04N - 106 59E YD 108884
		BRIEF NO: PIB 75151 September 1966
MAP JOG (A) 1501 NE 48-12		

25X1

25X1

LOCATION: 0.7 nm NW of Thuong Lap on Route 101.

DESCRIPTION:

LENGTH 100' approx.
WIDTH 10' approx.
TYPE Deck

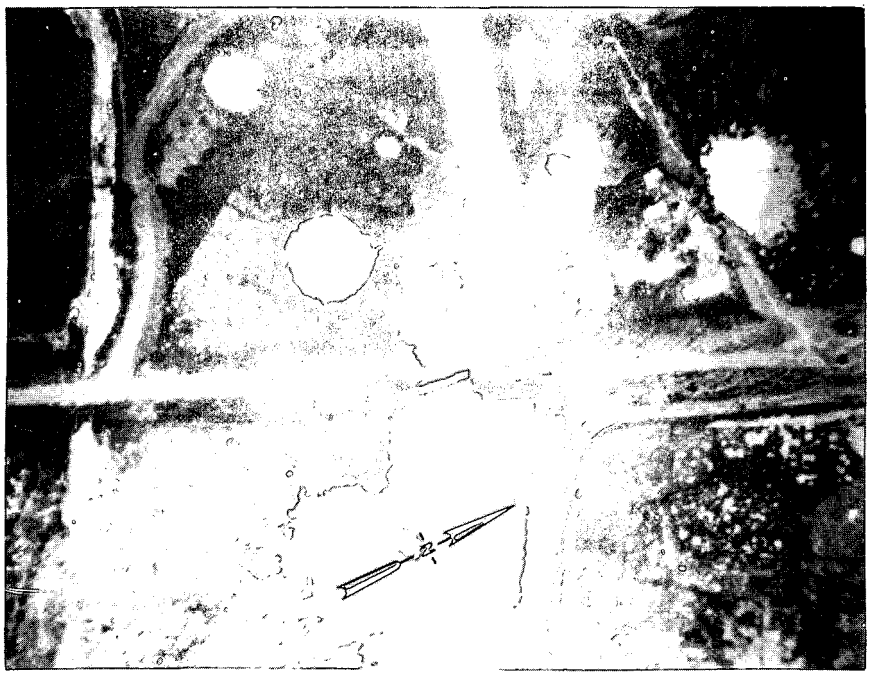
MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 50' approx.

STATUS:

1 span dropped; moderate deck damage to remaining span; 1 abutment destroyed.

COMPENSATIVE ACTION:

By-pass bridge under construction SE of damaged bridge.



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CIA IMAGERY ANALYSIS DIVISION

NAME Lang Khay RR Bridge over Ngoi Kay [redacted] Bridge No. 8 on NF 48-6	COUNTRY North Vietnam	COORDINATES 22 01N - 104 31E VK 509359
[redacted]		BRIEF NO: PIB 75152 September 1966
MAP AMS L509 NF 48-6		

25X1

25X1

LOCATION: 1.8 nm SW of Ky Dong on Hanoi-Lao Cai Rail Line.

DESCRIPTION:

LENGTH 135' approx.
WIDTH [redacted] (Single track)
TYPE Deck

MATERIAL Timber and steel
NO. OF SPANS 3
LENGTH OF EACH SPAN 1 @ 90' approx., 1 @ 30' approx. 1 @ 15' approx.

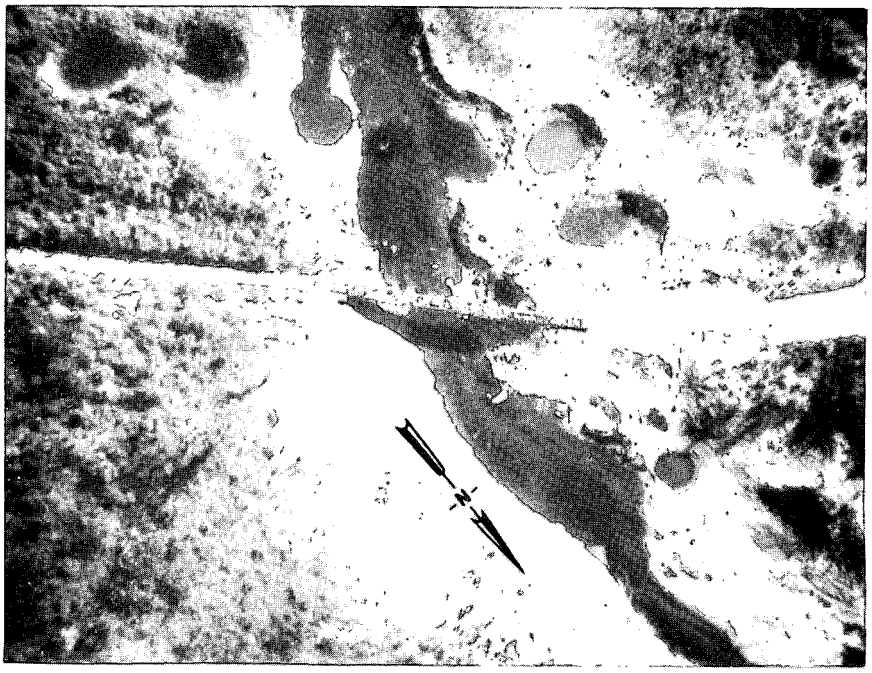
25X1

STATUS:
Repaired and serviceable.

COMPENSATIVE ACTION:
NA

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Thuong Phy Hwy. Bridge By-pass No. 1 Bridge No. 23 on NE 48-11	North Vietnam	17 49N - 106 08E XE 206710
		BRIEF NO: PIB 75153 September 1966
MAP AMS L509 NE 48-11		

25X1

LOCATION: 0.4 nm W of Thuong Phy on abandoned segment of Vinh-Dong Hoi RR.

DESCRIPTION:

LENGTH 45' approx.
WIDTH
TYPE Deck

MATERIAL Timber
NO. OF SPANS 1 probable
LENGTH OF EACH SPAN 45' approx.

25X1

STATUS:

Destroyed.

COMPENSATIVE ACTION:

None

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME Xuan Kieu Hwy. Bridge over stream [redacted] Bridge No. 20 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 45N - 106 27E XE 525638
[redacted]		BRIEF NO: PIB 75154
MAP JOG (A) 1501 NE 48-11		September 1966

25X1

25X1

LOCATION: 0.8 nm SW of Xuan Kieu on unnumbered route.

DESCRIPTION:

LENGTH [redacted]
WIDTH 5' approx.
TYPE Deck

MATERIAL Wood and concrete
NO. OF SPANS 3
LENGTH OF EACH SPAN [redacted]

25X1

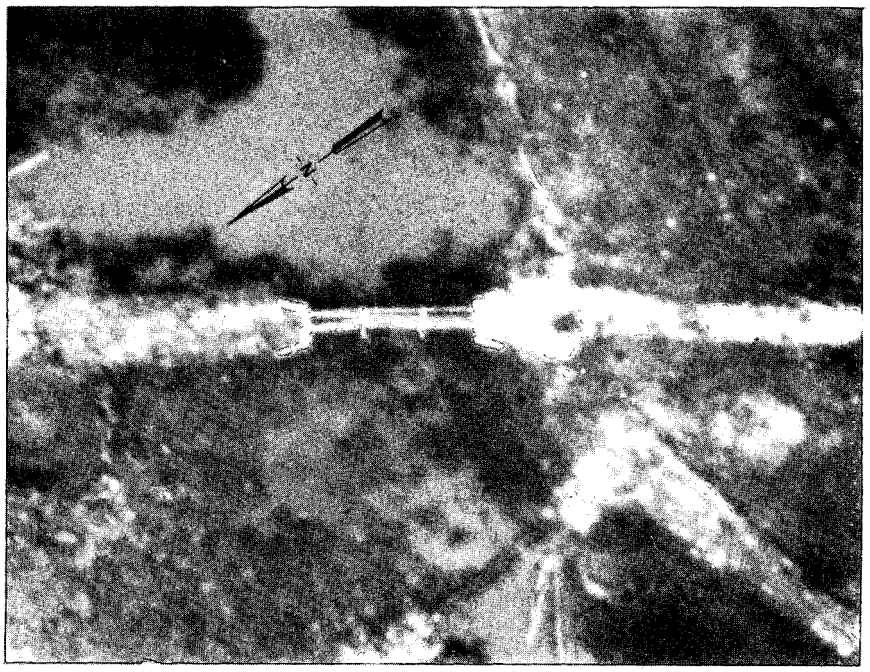
25X1

STATUS:

Decking probably damaged and subsequently removed.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME Ba Don Hwy. Bridge and Causeway No. 2 over stream [redacted] Bridge No. 32 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 45N - 106 24E XE 505632 25X1
[redacted]		BRIEF NO: PIB 75155 September 1966 25X1
MAP JOG (A) 1501 NE 48-11		

LOCATION: 0.5 nm W of Ba Don on an unnumbered route.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck type bridge/lock

MATERIAL Concrete
NO. OF SPANS 8
LENGTH OF EACH SPAN [redacted]

25X1

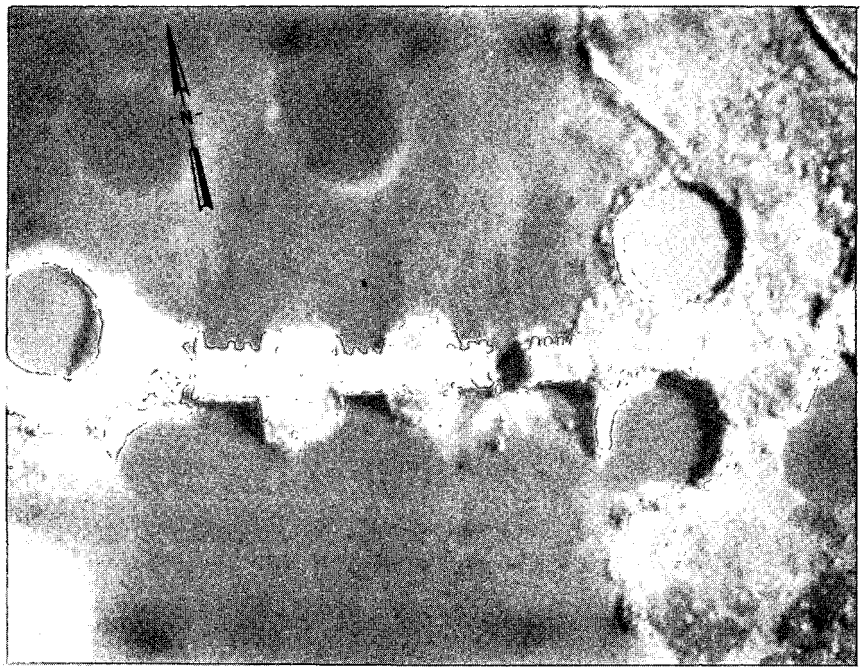
25X1

STATUS:

3 bridge/lock sections destroyed.

COMPENSATIVE ACTION:

None; this bridge/lock was probably used as a by-pass for bridge No. 26 on NE 48-11



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Vinh Loc Hwy. Bridge Bridge No. 30 on NE 48-11	North Vietnam	17 43N - 106 23E XE 468608
		BRIEF NO: PIB 75156 September 1966
MAP AMS L509 NE 48-11		

25X1

LOCATION: At Vinh Loc on an unnumbered route.

DESCRIPTION:

LENGTH
WIDTH
TYPE Deck

MATERIAL Timber
NO. OF SPANS 12
LENGTH OF EACH SPAN

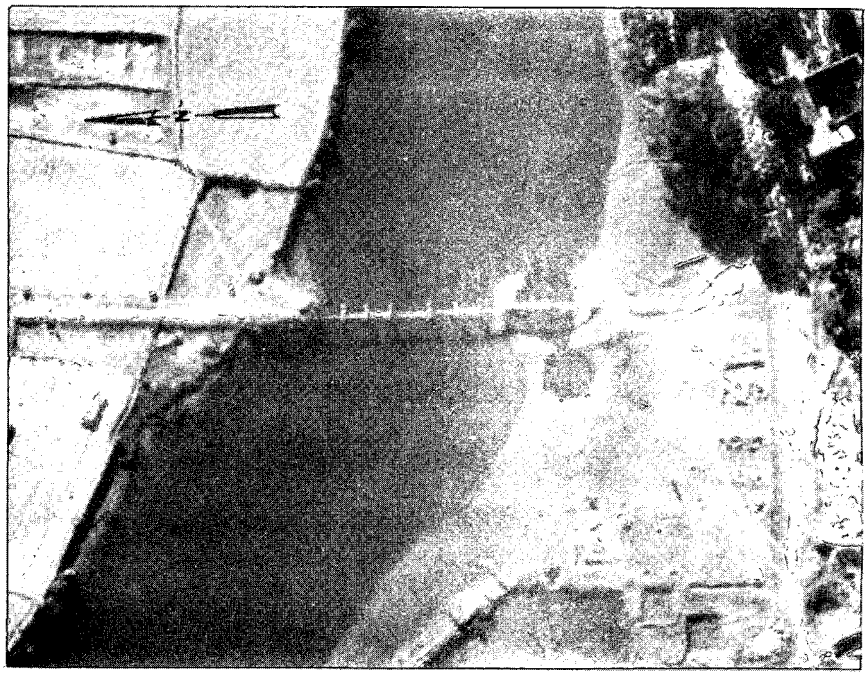
25X1

25X1

STATUS:
Repaired and serviceable to foot traffic.

COMPENSATIVE ACTION:
NA

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Lang Kay RR. Bridge over Ngoi Chuc [redacted] Bridge No. 3 on NF 48-6	COUNTRY North Vietnam	COORDINATES 22 03N - 104 29E VK 472394
[redacted]		BRIEF NO: PIB 75157 September 1966
MAP JOG (A) 1501 NF 48-6		

25X1

25X1

LOCATION: Approximately 1.4 nm SE of Lang Cai on the Hanoi-Lao Cai Rail Line.

DESCRIPTION:

LENGTH
WIDTH [redacted] (Single track)
TYPE Deck with lattice towers

MATERIAL Timber
NO. OF SPANS 4
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

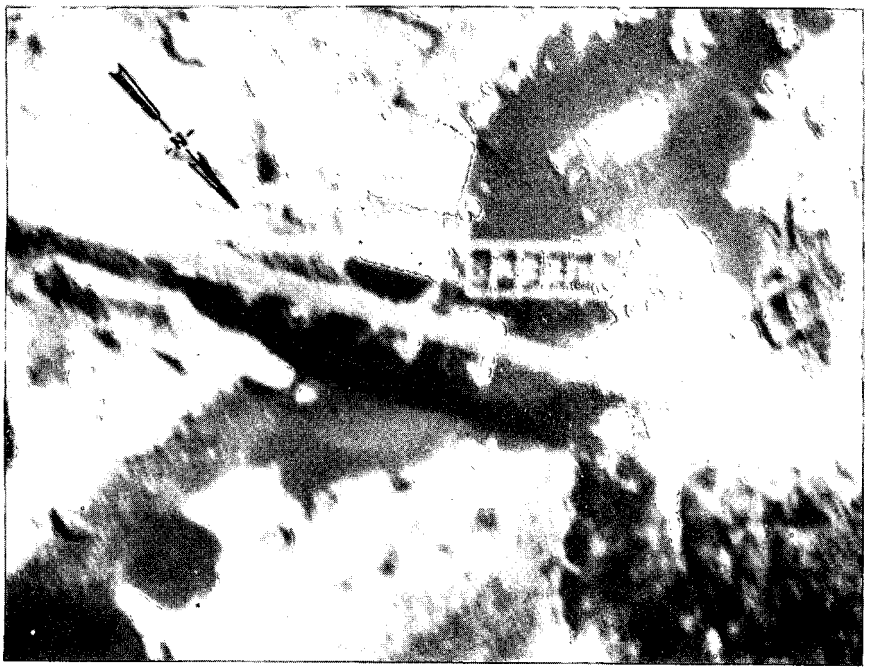
Repaired and serviceable.

COMPENSATIVE ACTION:

NA

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Na Khao Hwy. Bridge over Houei Uong [redacted] Bridge No. 5L on NF 48-14	Laos	20 20N - 104 19E VH 290499
[redacted]		BRIEF NO: PIB 75158 September 1966
MAP AMS JOG (A) 1501 NF 48-14		

25X1

25X1

LOCATION: 0.3 nm E of Ban Poung on Route 65.

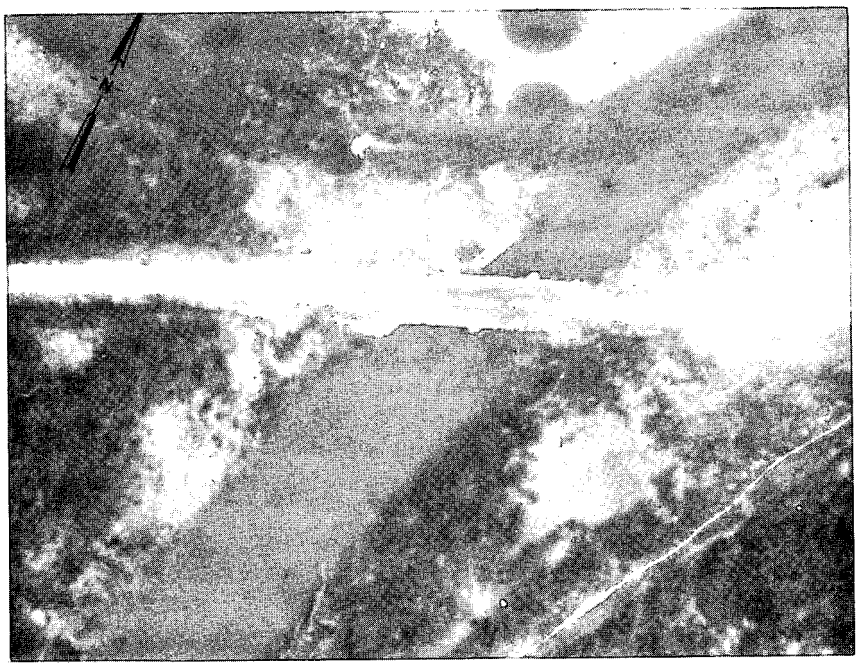
DESCRIPTION:

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

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

STATUS:
1 abutment slightly damaged; bridge serviceable.

COMPENSATIVE ACTION:
Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME Muong Dai Hwy. Bridge over Nam Sot [redacted] Bridge No. 4L on NF 48-14	COUNTRY Laos	COORDINATES 20 17N - 104 37E VH 609438
		BRIEF NO: PIB 75159 September 1966
MAP AMS JOG (A) 1501 NF 48-14		

25X1

25X1

LOCATION: 0.1 nm E of Muong Dai on Route 65.

DESCRIPTION:

LENGTH 100' approx.
WIDTH 10' approx.
TYPE Deck

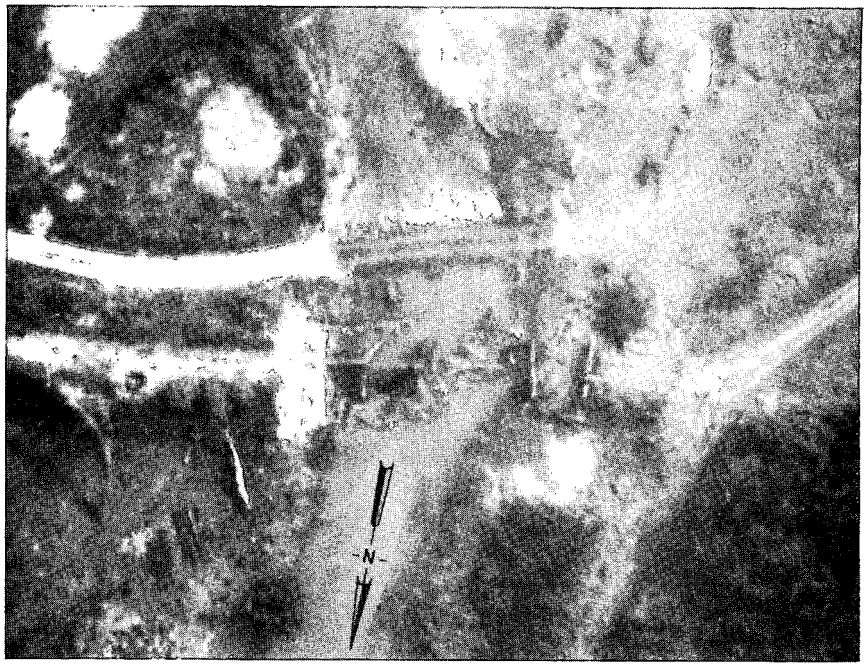
MATERIAL Wood
NO. OF SPANS 4 probable
LENGTH OF EACH SPAN 25' approx.

STATUS:

1 abutment destroyed; 4 spans destroyed.

COMPENSATIVE ACTION:

Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Vinh Tuy Hwy. Bridge Bridge No. 48 on NE 48-12	North Vietnam	19 23N - 106 37E XE 722220
		BRIEF NO: PIB 75160
MAP AMS L509 NE 48-12		September 1966

25X1

LOCATION: 0.5 nm SW of Vinh Tuy on Route 101.

DESCRIPTION:

LENGTH [redacted]
WIDTH 20' approx.
TYPE Deck

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

25X1

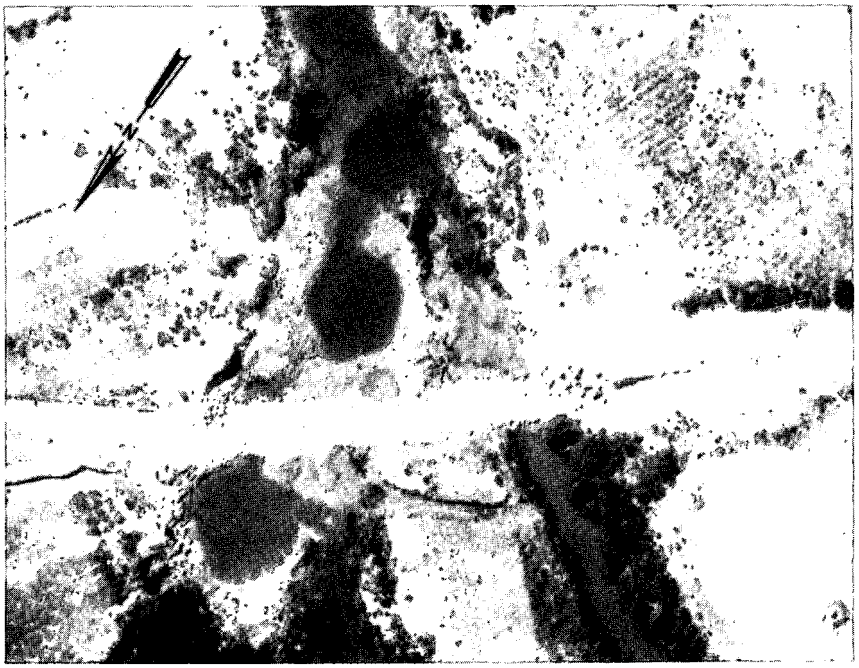
25X1

STATUS:

Bridge destroyed and replaced by earthen causeway.

COMPENSATIVE ACTION:

NA



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Lan Tra Hwy. Bridge over Song Cua [redacted] Bridge No. 30 on NE 48-3)	North Vietnam	19 21N - 105 43E WG 765405
		BRIEF NO: PIB 75161
MAP AMS L509 NE 48-3		September 1966

25X1

25X1

LOCATION: 0.8 nm W of Phong Bai on Route 1A.

DESCRIPTION:

LENGTH 80' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Timber and concrete
NO. OF SPANS 4
LENGTH OF EACH SPAN 20' approx.

STATUS:

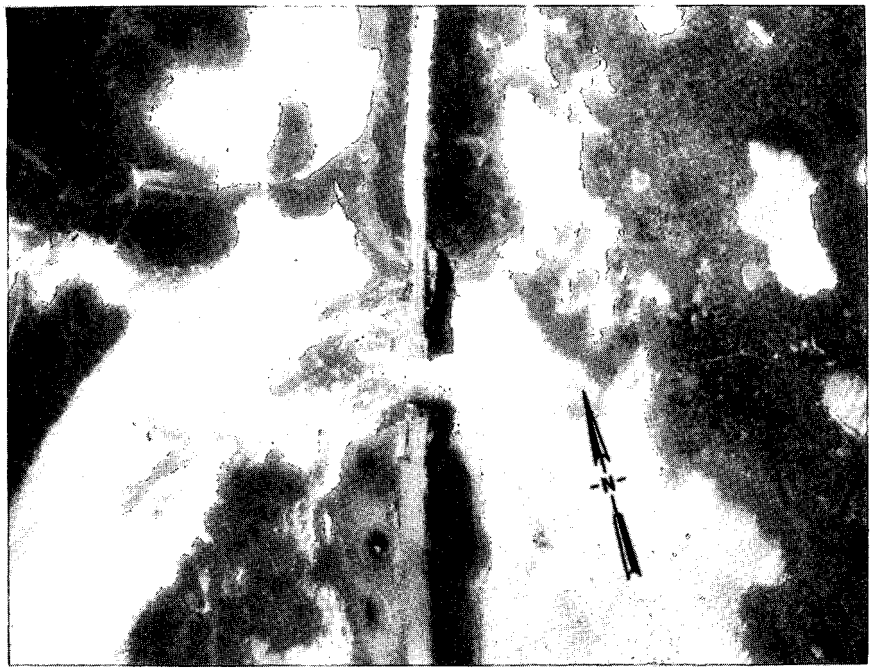
1 span destroyed; 2 spans partially dropped, deck of remaining span lightly damaged.

COMPENSATIVE ACTION:

None apparent.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Lan Tra Hwy. Bridge N over Song Cua Trib [redacted] Bridge No. 21 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 22N - 105 44E WG 768418
[redacted]		BRIEF NO: PIB 75162
MAP AMS L509 NE 48-3		September 1966

25X1

25X1

LOCATION: 1.0 nm W of Huu Lai on Route 1A.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

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

25X1

25X1

STATUS:

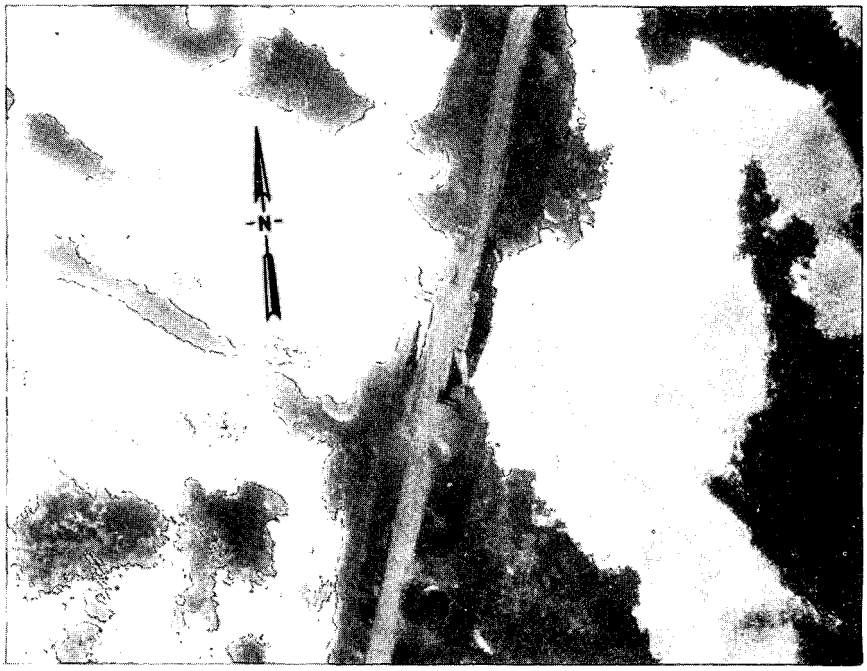
One end span damaged; other end span partially dropped; deck of center span is lightly damaged; bridge is now serviceable.

COMPENSATIVE ACTION:

Partially dropped span repaired by laying of planks over partially collapsed structure.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Kieu Moc Phuong Hwy. Bridge SE over stream [redacted] Bridge No. 21 on NE 48-11	North Vietnam	17 50N - 106 05E XE 153726
[redacted]		BRIEF NO: PIB 75163 September 1966
MAP JOG (A) 1501 NE 48-11		

25X1

25X1

LOCATION: 0.5 nm SE of Ha Son Trang on the abandoned Vinh-Dong Hoi Rail Line.

DESCRIPTION:

LENGTH 50' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 50' approx.

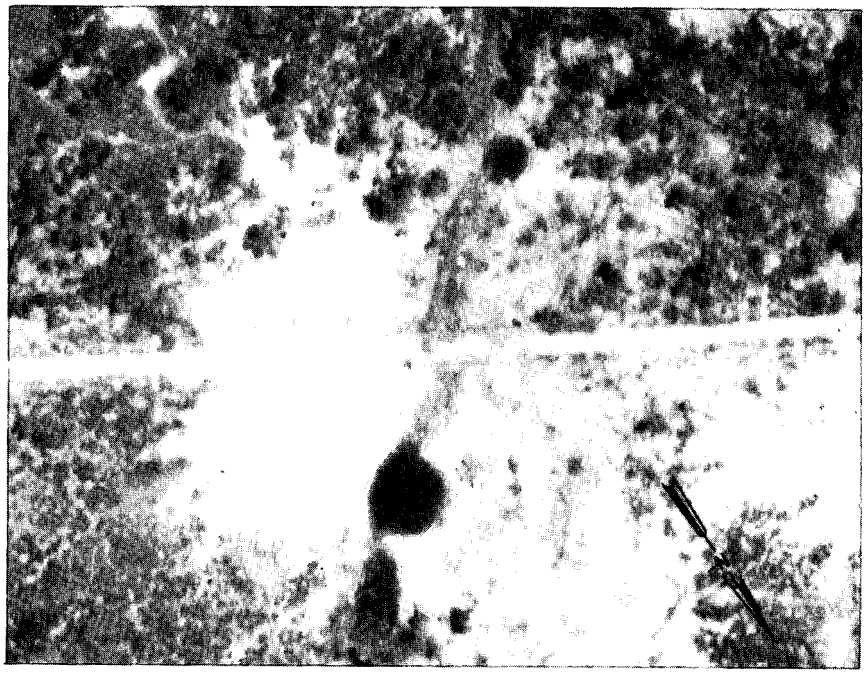
25X1

STATUS:

Deck moderately damaged; 1 abutment moderately damaged.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Tam Hwy. Bridge Bridge No. 18 on NE 48-11	North Vietnam	17 50N - 106 06E XE 166714
		BRIEF NO: PIB 75164 September 1966

25X1

MAP AMS L509 NE 48-11

LOCATION: 0.3 nm SW of Dong Tam on the abandoned Vinh/Dong Hoi RR.

DESCRIPTION:

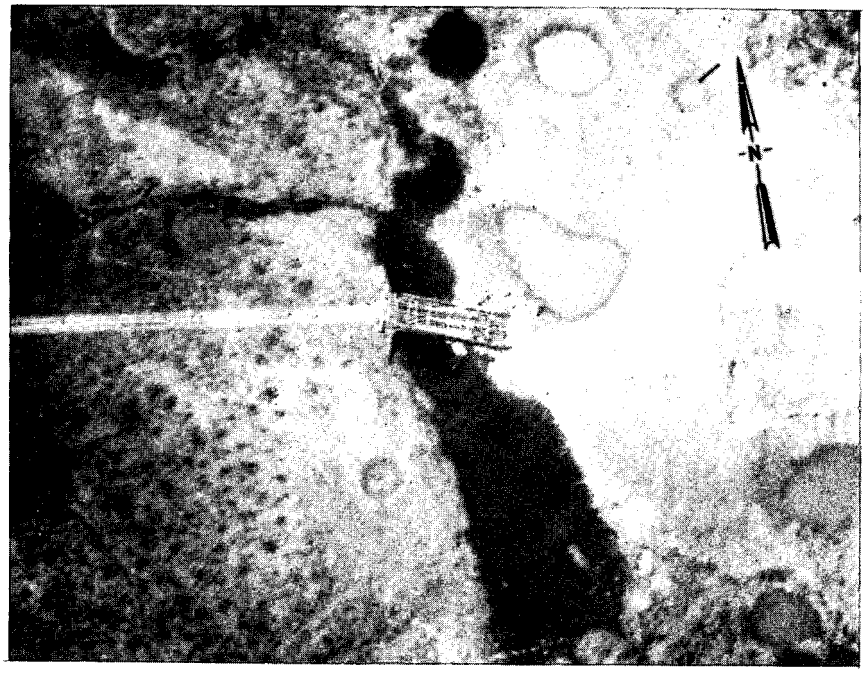
LENGTH 60' approx.
WIDTH 15' approx.
TYPE Deck

MATERIAL Timber and probable steel
NO. OF SPANS 1
LENGTH OF EACH SPAN 60' approx.

STATUS:
Span dropped; 1 abutment destroyed.

COMPENSATIVE ACTION:
NA

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Me Xa Hwy. Bridge over Song Ky [redacted] Bridge No. 4 on NF 48-12	North Vietnam	21 04N - 106 32E XJ 598308
		BRIEF NO: PIB 75165 September 1966
MAP AMS JOG (A) 1501 NF 48-12		

25X1

25X1

LOCATION: 0.4 nm E of Trieu Khe on Route 18.

DESCRIPTION:

LENGTH 270' approx.
WIDTH 10' approx.
TYPE Deck

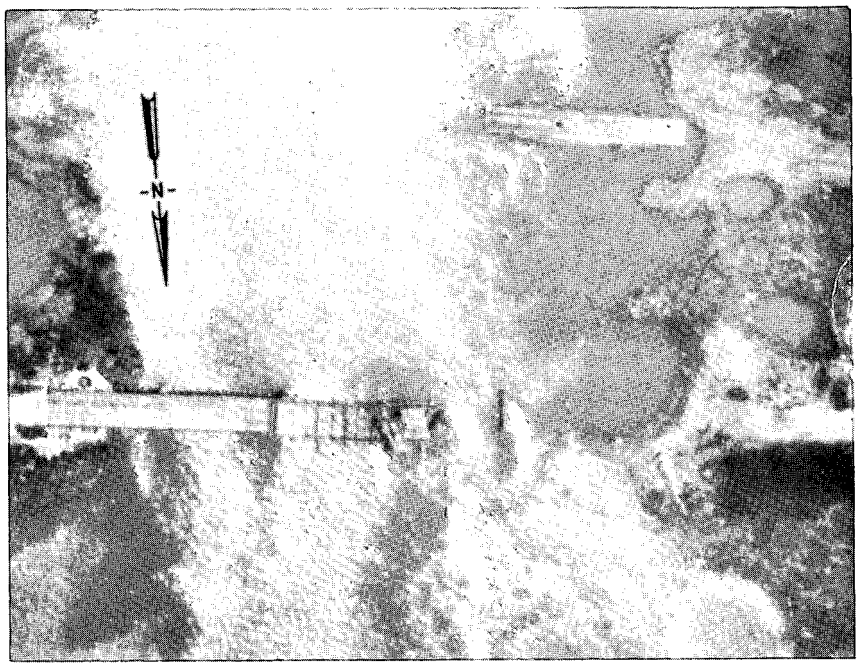
MATERIAL Wood
NO. OF SPANS 5
LENGTH OF EACH SPAN 55' approx.

STATUS:

1 abutment destroyed; 2 spans destroyed; 1 span heavily damaged; 1 span lightly damaged; 1 pier destroyed.

COMPENSATIVE ACTION:

Ferry



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Co Giang Hwy. Bridge over stream [redacted] Bridge No. 42 on NE 48-11	North Vietnam	17 36N - 106 20E XE 432480
		BRIEF NO: PIB 75166 September 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: 0.2 nm W of Co Giang on Route 101.

DESCRIPTION:

LENGTH 45' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Timber
NO. OF SPANS 3 probable
LENGTH OF EACH SPAN 15' approx.

STATUS:

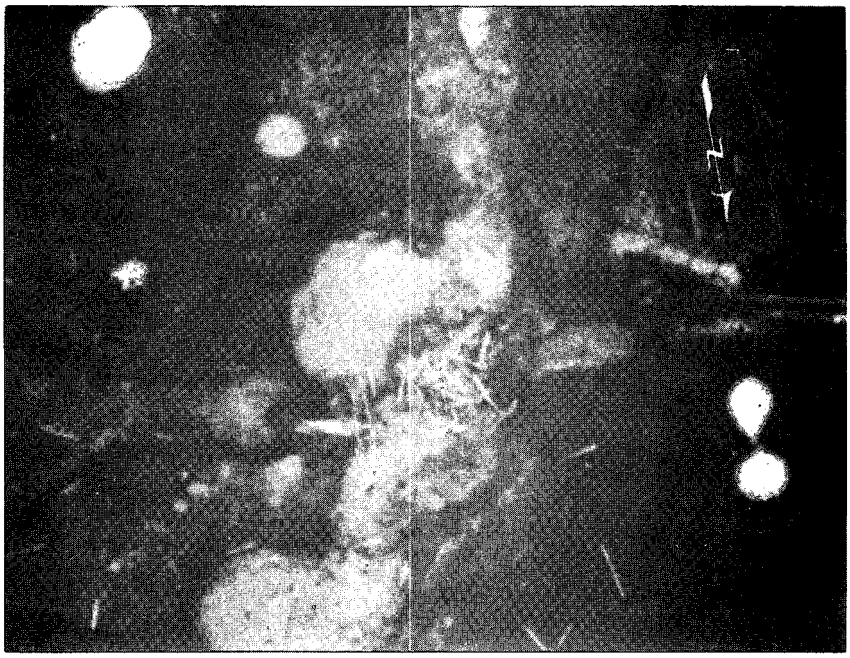
Completely destroyed.

COMPENSATIVE ACTION:

None

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Mahaxay Hwy. Bridge Bridge No. 28L on NE 48-11	Laos	17 25N - 105 11E WE 203262
		BRIEF NO: PIB 75167 September 1966
MAP JOG (A) 1501 NE 48-11		

25X1

LOCATION: 0.9 nm NW of Mahaxay on Route 121.

DESCRIPTION:

LENGTH 40' approx.
WIDTH
TYPE Deck

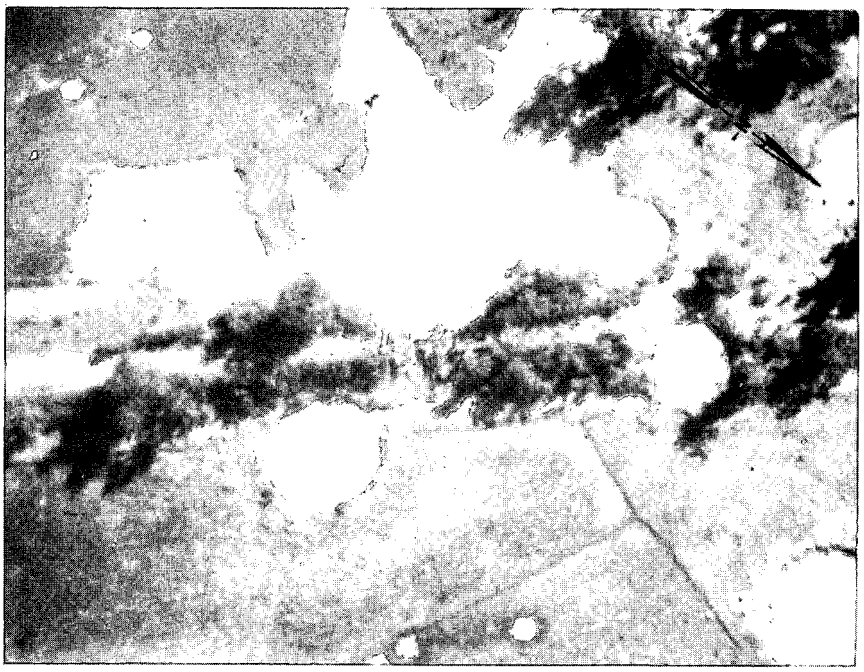
MATERIAL Timber
NO. OF SPANS 4 probable
LENGTH OF EACH SPAN

25X1

25X1

STATUS:
4 spans destroyed.

COMPENSATIVE ACTION:
None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Phon Khene Hwy. Bridge Bridge No. 25L on NE 48-11	Laos	17 31N - 105 09E WE 165381
		BRIEF NO: PIB 75168 September 1966

25X1

MAP JOG (A) 1501 NE 48-11

LOCATION: 0.5 nm SW of Ban Phon Khene on Route 12.

DESCRIPTION:

LENGTH 60' approx.
WIDTH
TYPE Deck

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

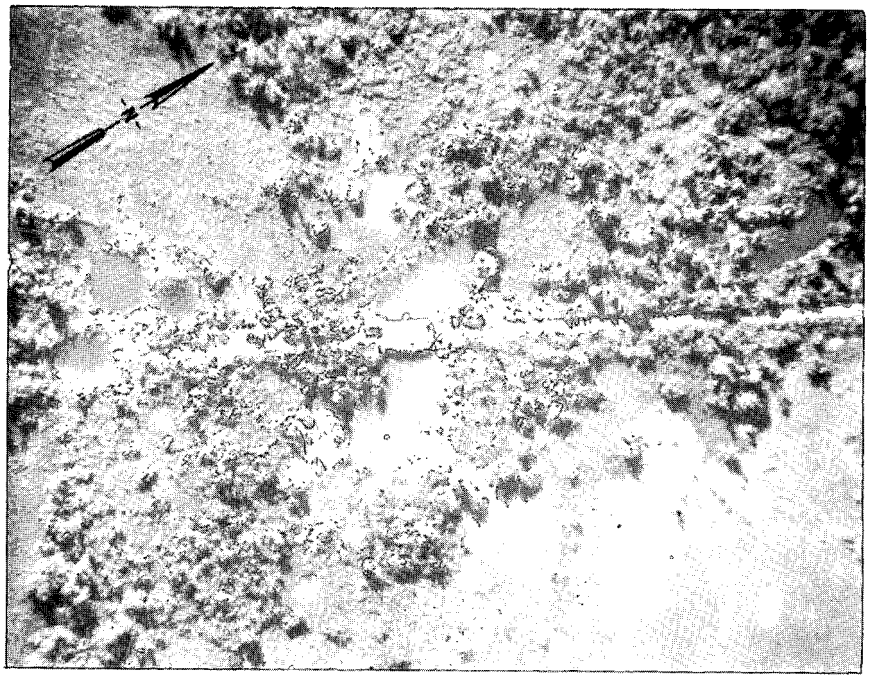
25X1

STATUS:

1 abutment destroyed; 1 span severely damaged.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Na Ka Yak Hwy. Bridge Bridge No. 27L on NE 48-11	Laos	17 28N - 105 10E WE 177328
		BRIEF NO: PIB 75169 September 1966

MAP JOG (A) 1501 NE 48-11

25X1

LOCATION: 2 nm NE of Ban Na Ka Yak on Route 12.

DESCRIPTION:

LENGTH 300' approx.
WIDTH
TYPE Through-truss

MATERIAL Steel
NO. OF SPANS 4
LENGTH OF EACH SPAN 2 @ 25' approx.
2 @ 125' approx.

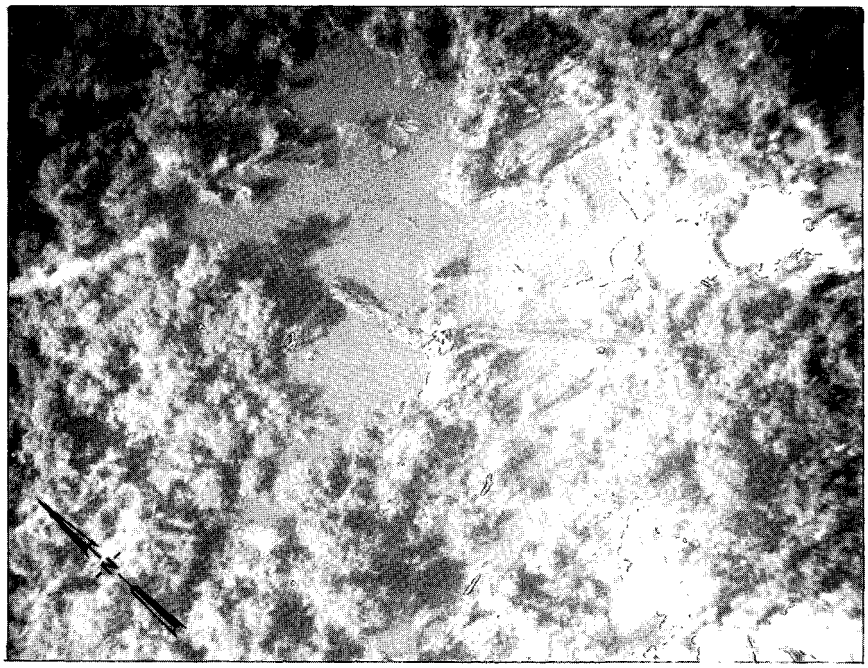
25X1

STATUS:

One 25' span destroyed and one 125' span destroyed; one 125' span dropped.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Gia Ha Hwy. Bridge Bridge No. 36 on NE 48-3	North Vietnam	19 41N - 105 46E WG 820762
		BRIEF NO: PIB 75171 September 1966

25X1

MAP AMS L509 NE 48-3

LOCATION: 0.7 nm E of Gia Ha on an unnumbered route.

DESCRIPTION:

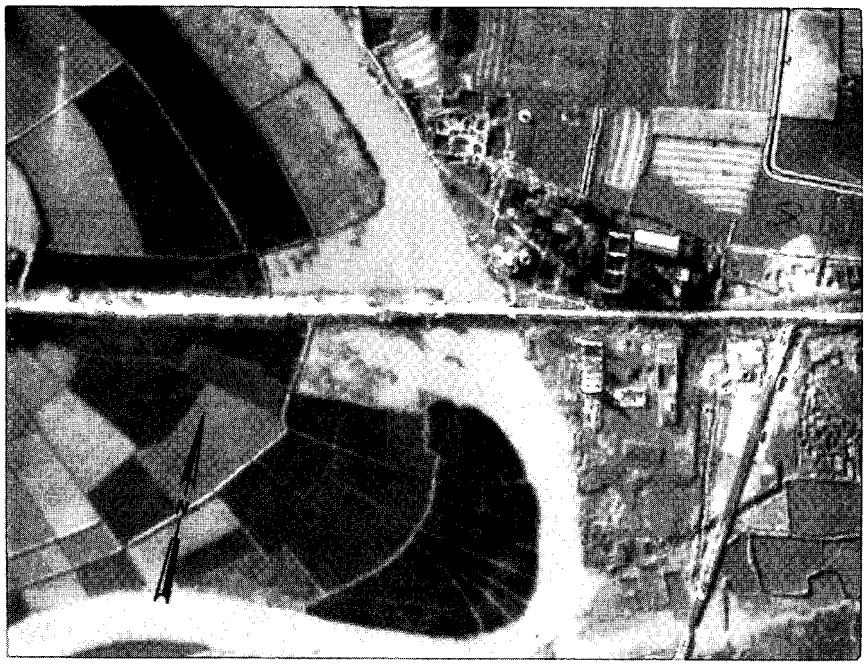
LENGTH 60' approx.
WIDTH 10' approx.
TYPE Deck

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

STATUS:
Repaired and serviceable.

COMPENSATIVE ACTION:
NA

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Pa Ang Hwy. Bridge Bridge No. 16 on NF 48-9	North Vietnam	21 34N - 103 16E UJ 205855
		BRIEF NO: PIB 75172
MAP AMS L509 NF 48-9		September 1966

25X1

LOCATION: 0.2 nm SE of Ban Pa Ang on Route 19.

DESCRIPTION:

LENGTH 70' approx.
WIDTH
TYPE Half-through truss

MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 70' approx.

25X1

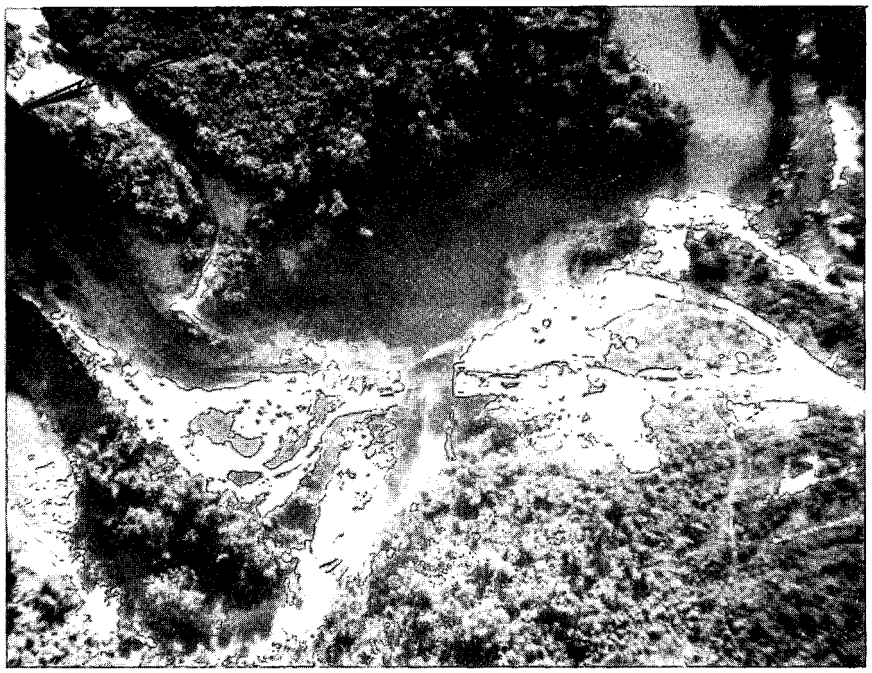
STATUS:

Span is destroyed; 1 abutment heavily damaged; bridge has been replaced by a 70' approx. single-span cable bridge utilizing 6 cables and removable decking.

COMPENSATIVE ACTION:

Ford

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Loc Dien Hwy. Bridge over stream [redacted] Bridge No. 12 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 48N - 106 23E XE 471639
[redacted]		BRIEF NO: PIB 75173 September 1966
MAP AMS L509 NE 48-11		

25X1

25X1

LOCATION: At Loc Dien on Route 110.

DESCRIPTION:

LENGTH 45' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Timber
NO. OF SPANS 3
LENGTH OF EACH SPAN 15' approx.

STATUS:

Bridge and abutments destroyed.

COMPENSATIVE ACTION:

None

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Poun Lo Hwy. Bridge NE over stream [redacted] Bridge No. 13 on NF 49-8	COUNTRY North Vietnam	COORDINATES 21 32N - 103 19E UJ 265825 25X1
[redacted]		BRIEF NO: PIB 75174 September 1966 25X1
MAP AMS L509 NF 48-9		

LOCATION: 0.5 nm E of Ban Poun Lo on Route 19.

DESCRIPTION:

LENGTH 90' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Steel, concrete, timber
NO. OF SPANS 2
LENGTH OF EACH SPAN 45' approx. 25X1

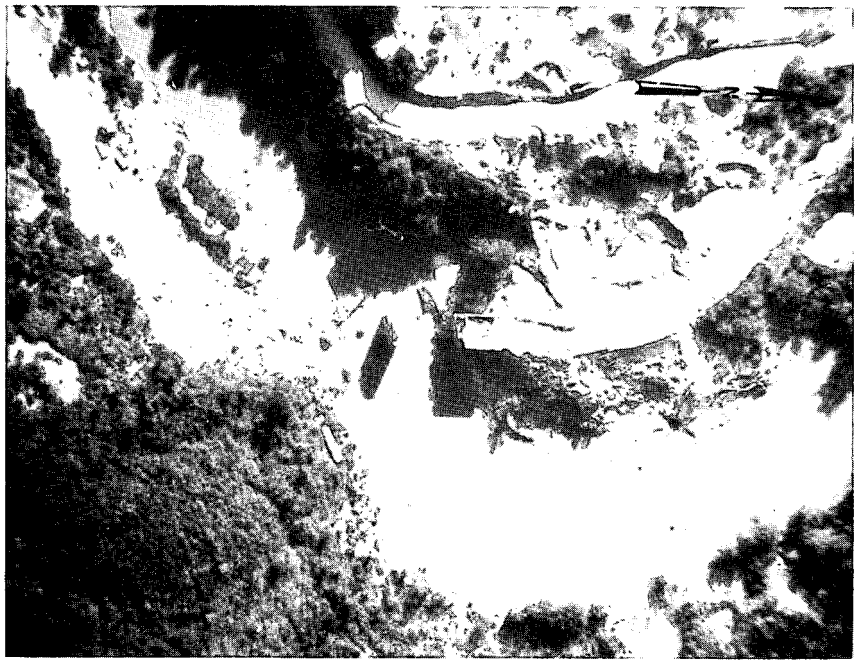
STATUS:

Two spans of original bridge destroyed; replaced by a 90' cable bridge utilizing the abutments and the pier of the original bridge, 6 cables and removable decking.

COMPENSATIVE ACTION:

Ford

[redacted] 25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Na Ngam Hwy. Bridge SW 2 over Nam Phon [redacted] Bridge No. 14 on NF 48-9	North Vietnam	21 27N - 103 04E TJ 005752
[redacted]		BRIEF NO: PIB 75175 September 1966
MAP AMS L509 NF 48-9		

25X1

25X1

LOCATION: 0.8 nm W of Ban Pan Yang on Route 19.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 2 probable
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

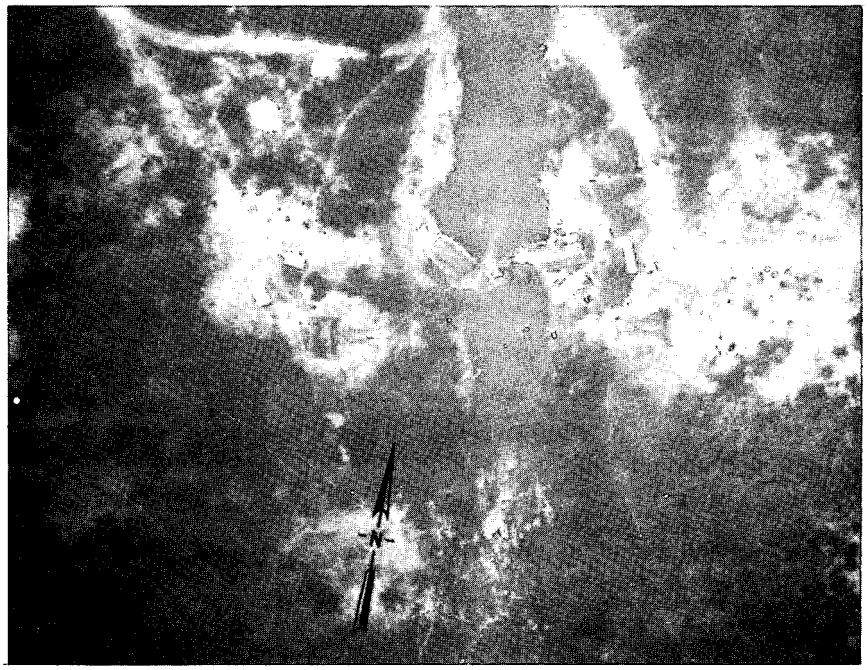
Both spans destroyed. Bridge is being replaced by a 100' (approx.) single-span cable bridge, currently in the early stages of construction.

COMPENSATIVE ACTION:

Ford

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Yen My RR. and Hwy. Bridge over stream [redacted] Bridge No. 15 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 38N - 105 37E WF 692608
[redacted]		BRIEF NO: PIB 75176
MAP AMS JOG (A) 1501 NE 48-7		September 1966

25X1

25X1

LOCATION: 0.5 nm N of Do Yen on Vinh-Dong Hoi Rail Line.

DESCRIPTION:

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

MATERIAL Concrete and steel
NO. OF SPANS 3
LENGTH OF EACH SPAN 20' approx.

STATUS:

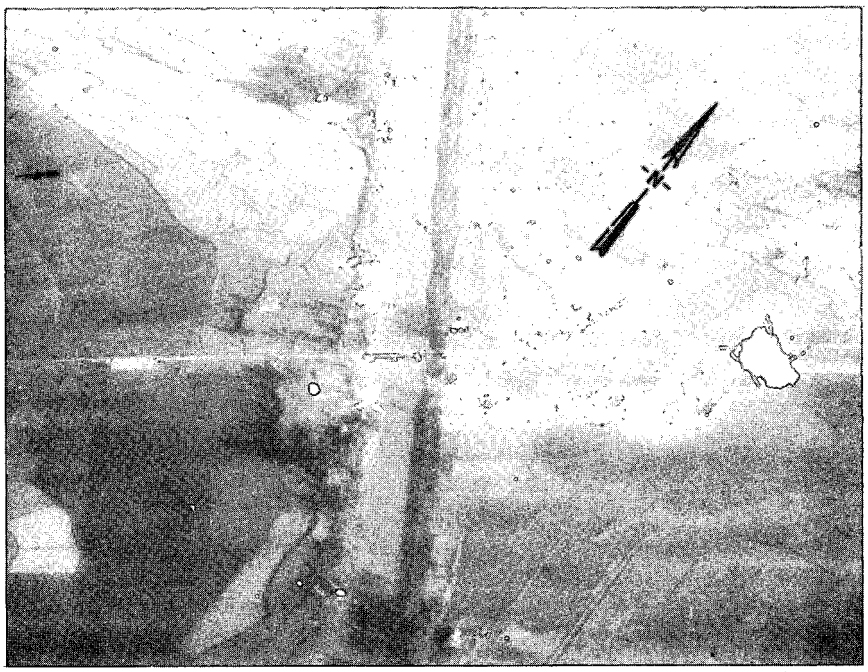
Repaired and serviceable.

COMPENSATIVE ACTION:

NA

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Tam Da RR. and Hwy. Bridge over Song Cua Lo [redacted] Bridge No. 18 on NE 48-7	North Vietnam	18 50N - 105 39E WF 689840

ILLEGIB

[redacted]

BRIEF NO: PIB 75177 September 1966 [redacted]

MAP AMS L509 NE 48-7

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

25X1

DESCRIPTION:

LENGTH 360' approx.
WIDTH [redacted] (Single-track)
TYPE Combination deck-beam/ half-through truss

MATERIAL Wood, concrete, and steel
NO. OF SPANS 8
LENGTH OF EACH SPAN 45' approx.

25X1

STATUS:

1 span dropped; 1 span and 1 pier heavily damaged.

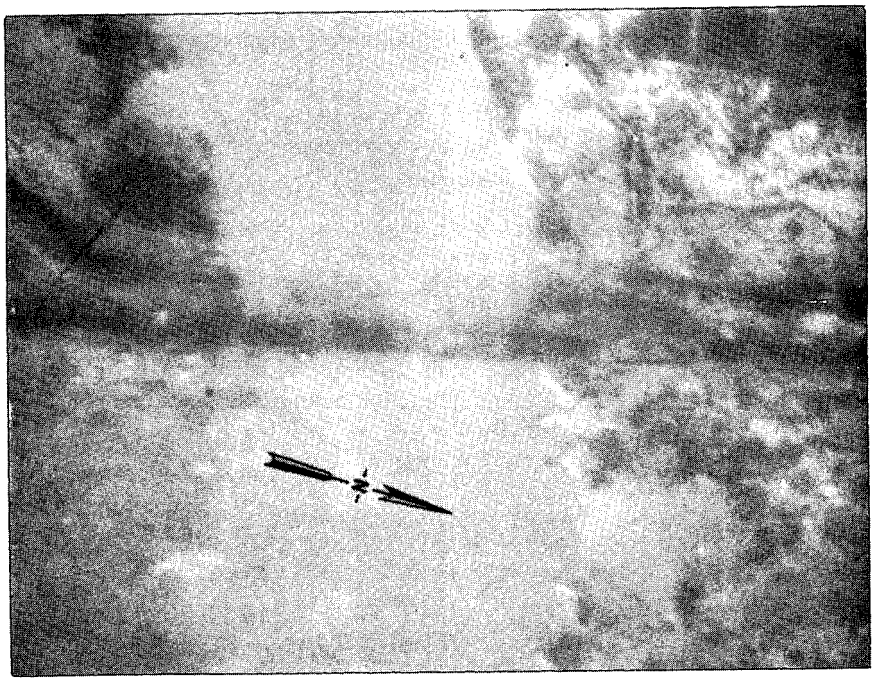
25X1

COMPENSATIVE ACTION:

By-pass west of bridge U/C.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dia Thuy Hwy. Bridge Bridge No. 50 on NE 48-3	North Vietnam	19 24N - 105 45E WG 800460
		BRIEF NO: PIB 75178 September 1966

25X1

MAP JOG (A) 1501 NE 48-3

LOCATION: 0.8 nm E of Dia Thuy on Route 1A.

DESCRIPTION:

LENGTH 75' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Timber
NO. OF SPANS 5 approx.
LENGTH OF EACH SPAN 15' approx.

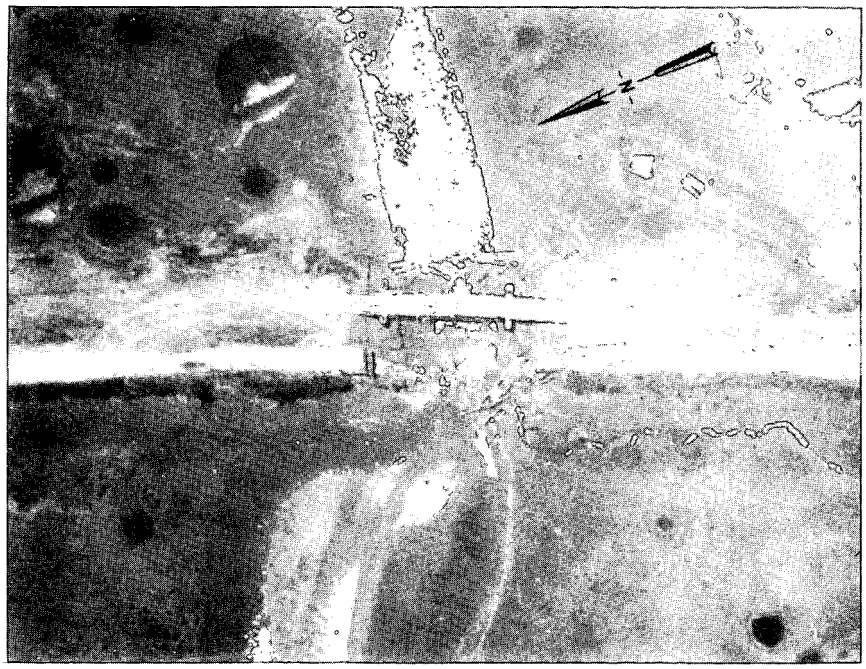
STATUS:

All spans destroyed.

COMPENSATIVE ACTION:

Timber by-pass bridge.

25X1



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GROUP 1
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CIA IMAGERY ANALYSIS DIVISION

NAME Dien Chau RR. Br. E over Song Bang By-pass No. 1 [redacted] Bridge No. 6 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 58N - 105 35E WF 619980
[redacted]		BRIEF NO: PIB 75179 September 1966
MAP AMS L509 NE 48-7		

25X1

25X1

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

DESCRIPTION:

LENGTH 230' approx.
WIDTH 5' approx. (Single track)
TYPE Trestle

MATERIAL Wood
NO. OF SPANS 20 approx.
LENGTH OF EACH SPAN 1 @ 30' approx., 1 @ 20' approx. 18 @ 10' approx.

STATUS:

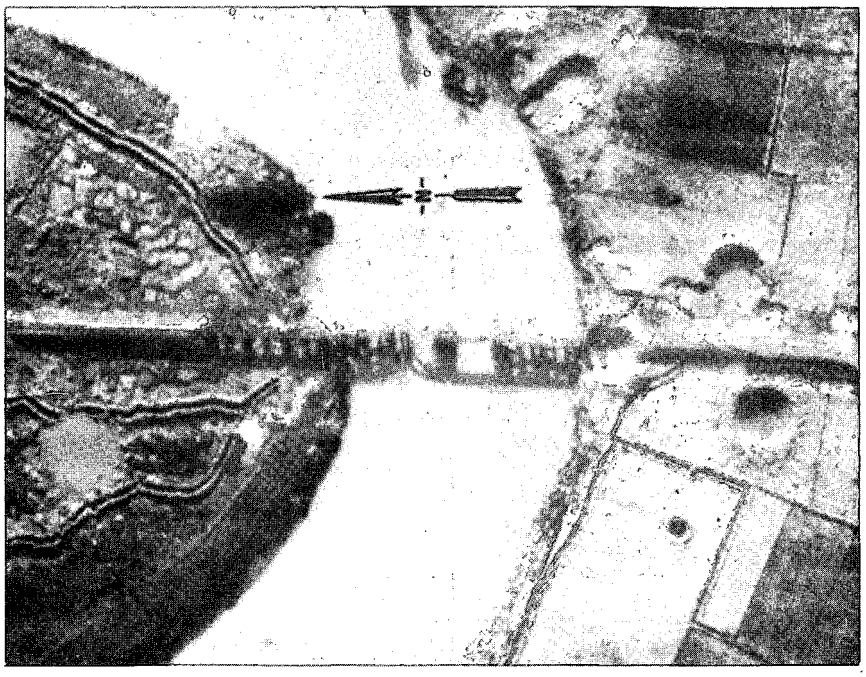
The 30' span has been dropped; five adjacent 10' spans and 5 piers have been heavily damaged; one abutment, 2 adjoining spans, and 1 pier have been destroyed.

COMPENSATIVE ACTION:

None apparent.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Chien Ung RR. Bridge Bridge No. 13 on NF 48-11	North Vietnam	21 24N - 105 10E WJ 183669
[redacted]		BRIEF NO: PIB 75180 September 1966
MAP JOG (A) 1501 NF 48-11		

25X1

LOCATION: 0.4 nm E of Chien Ung on Hanoi/Lao Cai Rail Line.

DESCRIPTION:

LENGTH 90' approx.
WIDTH [redacted] (Single track)
TYPE Deck

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

25X1

STATUS:

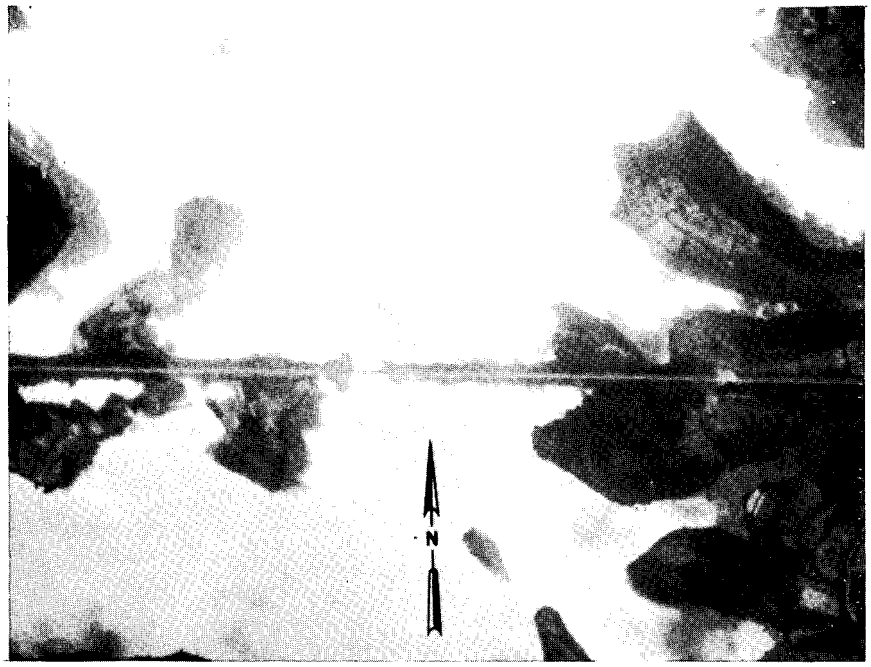
Repaired and serviceable.

COMPENSATIVE ACTION:

NA

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Tho Khai RR. Bridge over stream [redacted] Bridge No. 9 on NF 48-11	COUNTRY North Vietnam	COORDINATES 21 28N - 105 06E WJ 108735
[redacted]		BRIEF NO: PIB 75181 September 1966
MAP JOG (A) 1501 NF 48-11		

25X1

25X1

LOCATION: 0.1 nm NE of Phuong Linh on the Hanoi/Lao Cai Rail Line.

DESCRIPTION:

LENGTH 75' approx.
WIDTH
TYPE [redacted] (Single-track) Through-truss

MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 75' approx.

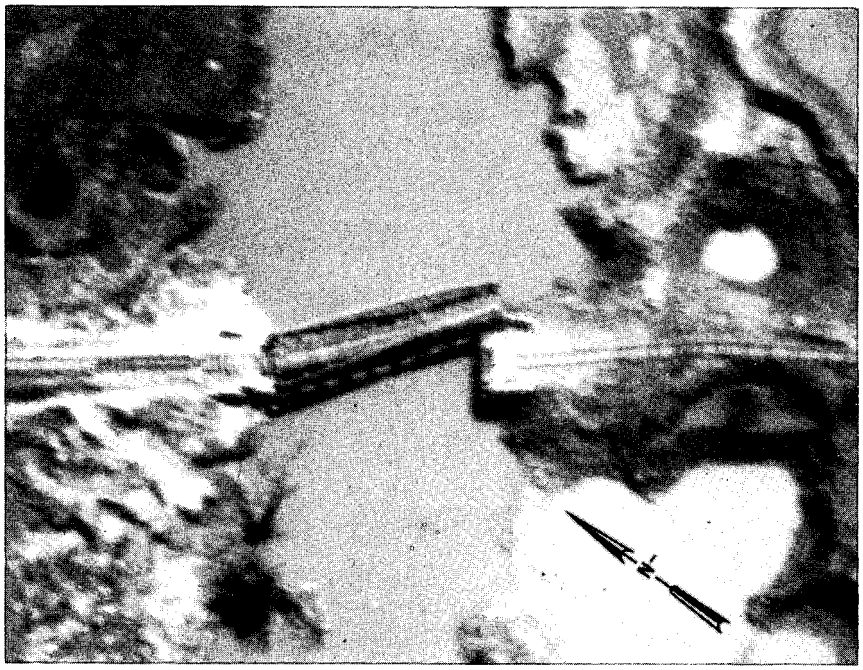
25X1

STATUS:
Span dropped.

COMPENSATIVE ACTION:
None

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Tuan Giao Hwy. Bridge over Nam Chua [redacted] Bridge No. 10 on NF 48-9	North Vietnam	21 35N - 103 23E UJ 335880

25X1

[redacted]

BRIEF NO: PIB 75182 September 1966

25X1

MAP AMS L509 NF 48-9

LOCATION: 1.2 nm NE of Muong Hua on Route 19.

DESCRIPTION:

LENGTH 75' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Steel and wood
NO. OF SPANS 1
LENGTH OF EACH SPAN 75' approx.

STATUS:

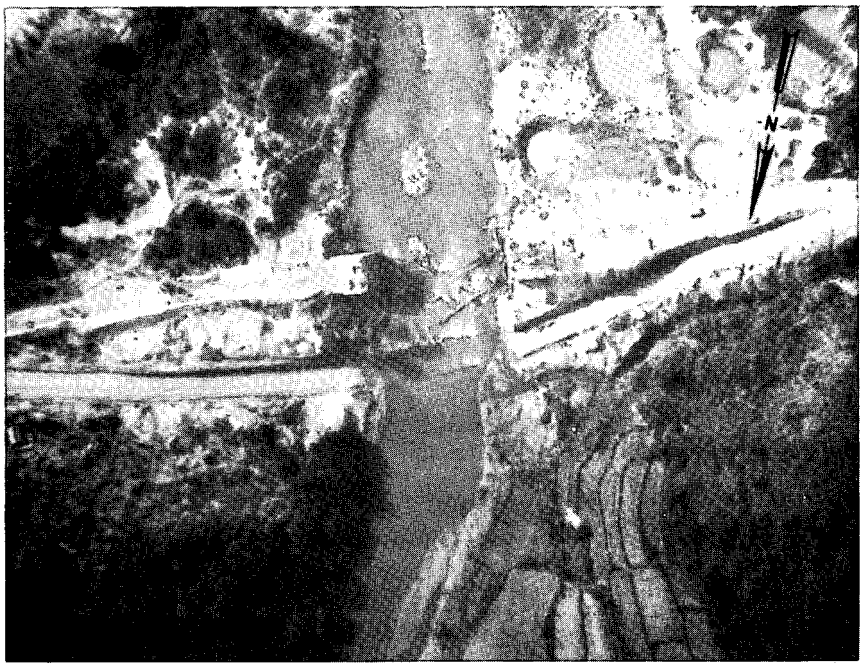
Original bridge span destroyed, replaced by a 75' approx. single-span cable bridge utilizing 4 cables with removable decking.

COMPENSATIVE ACTION:

Ford

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Quang Xa Hwy. Bridge N over stream [redacted] Bridge No. 53 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 03N - 106 58E YD 091868
[redacted]		BRIEF NO: PIB 75183 September 1966
MAP AMS JOG (A) 1501 NE 48-12		

25X1

25X1

LOCATION: 1.7 nm ENE of Ben Lang on Route 101.

DESCRIPTION:

LENGTH 25' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Timber with concrete abutments
NO. OF SPANS 1
LENGTH OF EACH SPAN 25' approx.

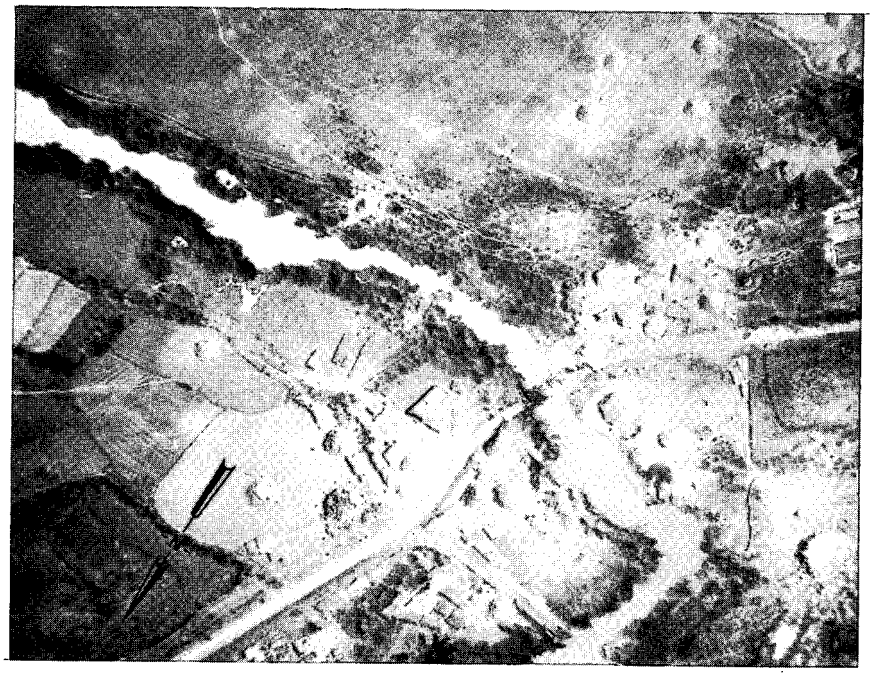
25X1

STATUS:

Deck completely destroyed; one abutment destroyed; one approach severely damaged.

COMPENSATIVE ACTION:

Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Vung Chua Hwy. Bridge over Khe Chat [redacted] Bridge No. 33 on NE 48-11	North Vietnam	17 55N - 106 29E XE 561812
		BRIEF NO: PIB 75184 September 1966
MAP JOG (A) 1501 NE 48-11		

25X1

25X1

LOCATION: 0.3 nm S of Vung Chua on Route 1A.

DESCRIPTION:

LENGTH [redacted]
WIDTH 20' approx.
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 2 approx.
LENGTH OF EACH SPAN [redacted]

25X1

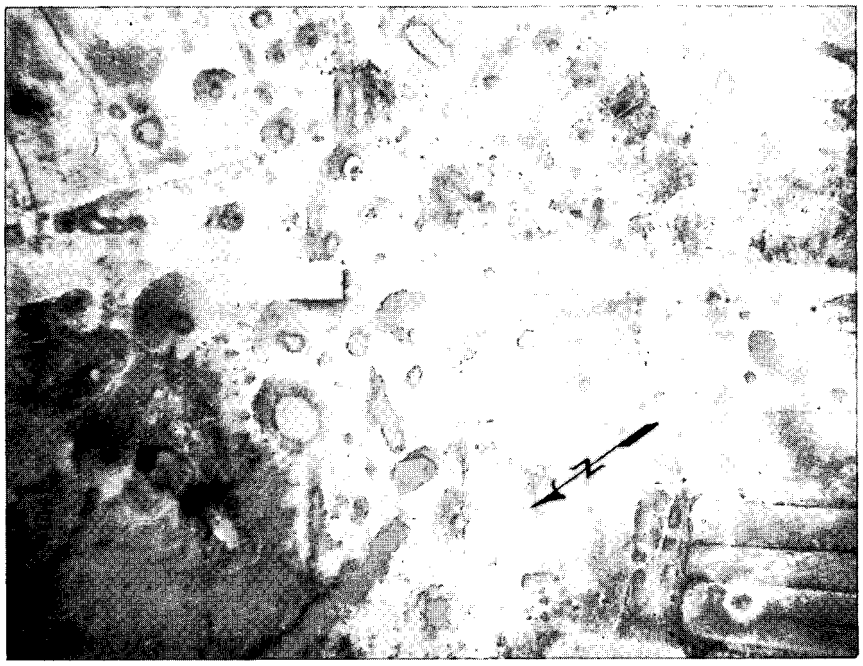
25X1

STATUS:

One span and one abutment destroyed.

COMPENSATIVE ACTION:

NA



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom La Trang Hwy. Bridge No. 1 over Rao Cai [redacted] Bridge No. 3 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 57N - 105 49E WE 873856
[redacted]		BRIEF NO: PIB 75185 September 1966
MAP JOG (A) 1501 NE 48-11		

25X1

25X1

LOCATION: 0.6 nm W of Xom Ca Trang on Route 15.

DESCRIPTION:

LENGTH 350' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Concrete and steel
NO. OF SPANS 4
LENGTH OF EACH SPAN 2 @ 90' approx.
2 @ 85' approx.

25X1

STATUS:

Three spans destroyed; 1 abutment destroyed; 1 abutment heavily damaged; removeable decking for cable section of bridge destroyed; status of cables undetermined.

COMPENSATIVE ACTION:

Ford

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Than Dau Hwy. Bridge SE over Khe Luy [redacted] Bridge No. 96 on NE 48-7	North Vietnam	18 00N - 106 28E XE 916550
[redacted]		BRIEF NO: PIB 75186 September 1966
MAP JOG (A) 1501 NE 48-7		

25X1

25X1

LOCATION: 1 nm SE of Than Dau on Route 1A.

DESCRIPTION:

LENGTH 40' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Wood
NO. OF SPANS 1
LENGTH OF EACH SPAN 40' approx.

25X1

STATUS:

Span damaged moderately; one abutment damaged; one approach interdicted.

COMPENSATIVE ACTION:

Ford

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Kim Nac Hwy. Bridge over stream [redacted] Bridge No. 23 on NE 48-7	North Vietnam	18 13N - 106 02E XF 100155
[redacted]		BRIEF NO: PIB 75187 September 1966
MAP AMS L509 NE 48-7		

25X1

25X1

LOCATION: 0.3 nm NE of Kim Nac on Route 1A.

DESCRIPTION:

LENGTH 90' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 45' approx.

STATUS:
Bridge destroyed.

COMPENSATIVE ACTION:
By-pass bridge.

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Xom Duong Dau Hwy. Bridge W over Khe Ac [redacted] Bridge No. 68 on NE 48-7	North Vietnam	18 08N - 105 45E WE 782060
[redacted]		BRIEF NO: PIB 75188
MAP AMS L509 NE 48-7		September 1966

25X1

25X1

LOCATION: 0.1 nm W of Duong Dau on Route 15.

DESCRIPTION:

LENGTH 90' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Wood and concrete
NO. OF SPANS 3
LENGTH OF EACH SPAN 30' approx.

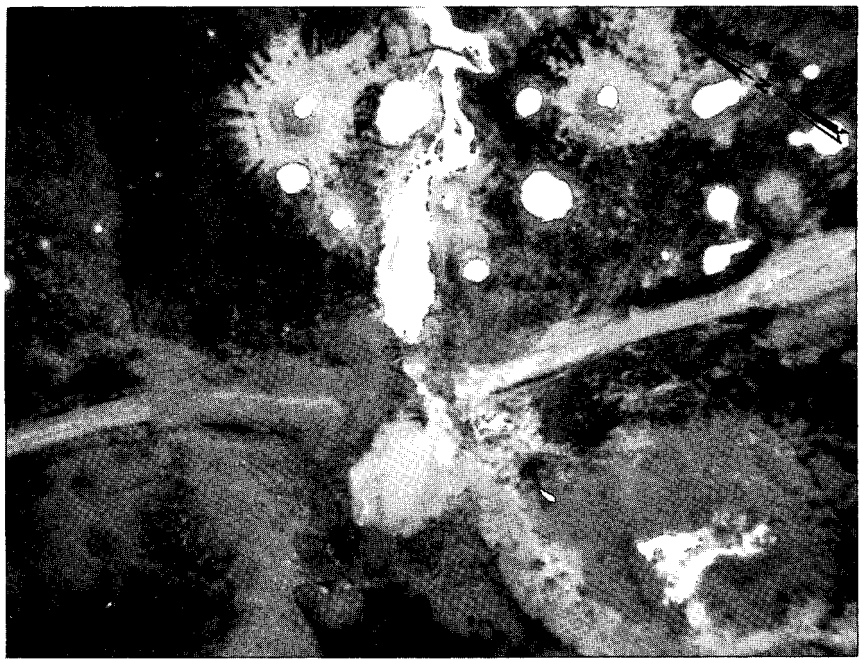
25X1

STATUS:
Bridge destroyed.

COMPENSATIVE ACTION:
By-pass causeway.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Qui My RR. Bridge No. 3 Bridge No. 9 on NE 48-3	North Vietnam	19 25N - 105 45E WG 743485
		BRIEF NO: PIB 75189 September 1966

25X1

MAP AMS JOG (A) 1501 NE 48-3

LOCATION: 0.8 nm NW of Qui My on Hanoi/Vinh Rail Line.

DESCRIPTION:

25X1

LENGTH 60' approx.
WIDTH
TYPE Half-through truss

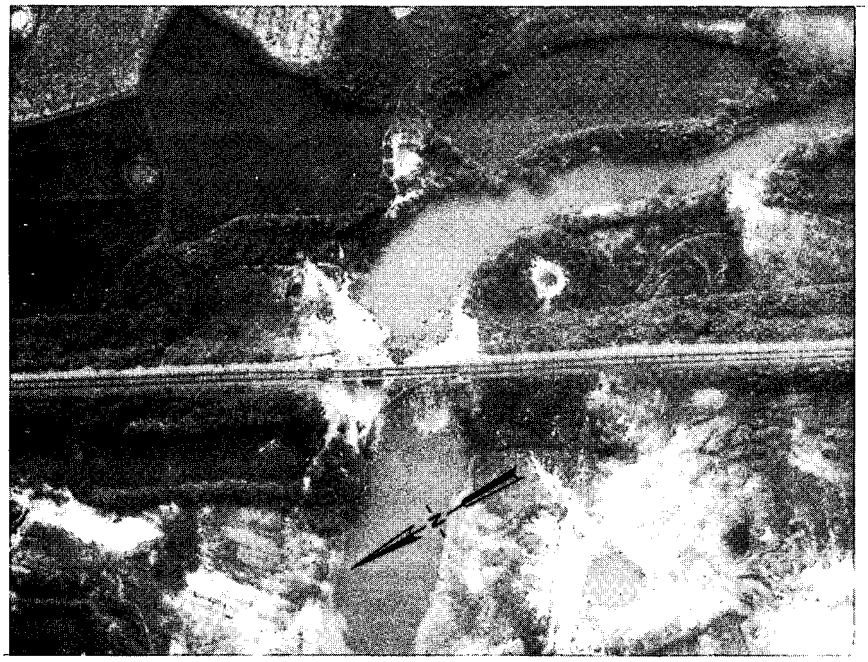
MATERIAL Steel and concrete
NO. OF SPANS 1 (1 span with temporary reinforcing pier)
LENGTH OF EACH SPAN 60' approx.

STATUS:

Serviceable (1 abutment previously destroyed and 1 span partially damaged).

COMPENSATIVE ACTION:

NA



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Than Dau Hwy. Bridge over Khe Mieu By-pass Bridge No. 1 Bridge No. 95 on NE 48-7	North Vietnam	18 00N - 106 27E XE 537922
		BRIEF NO: PIB 75190 September 1966

25X1

MAP JOG (A) 1501 NE 48-7

LOCATION: 0.6 nm S of Than Dau on Route 1A.

DESCRIPTION:

LENGTH 50' approx.
WIDTH
TYPE Deck

MATERIAL Timber
NO. OF SPANS Unknown
LENGTH OF EACH SPAN NA

25X1

STATUS:
By-pass bridge in final stage of construction; still unserviceable.

COMPENSATIVE ACTION:
NA

25X1

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CIA IMAGERY ANALYSIS DIVISION

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
[redacted]		BRIEF NO: PIB 75191
MAP JOG (G) NF 48-15		September 1966

25X1

25X1

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

DESCRIPTION:

LENGTH 1,290' approx.
WIDTH [redacted] (Single-track)
TYPE Combination through-arch truss and temporary deck-beam

MATERIAL Steel and concrete
NO. OF SPANS 14
LENGTH OF EACH SPAN 2 @ 125' approx.
12 @ 85' approx.

25X1

STATUS:

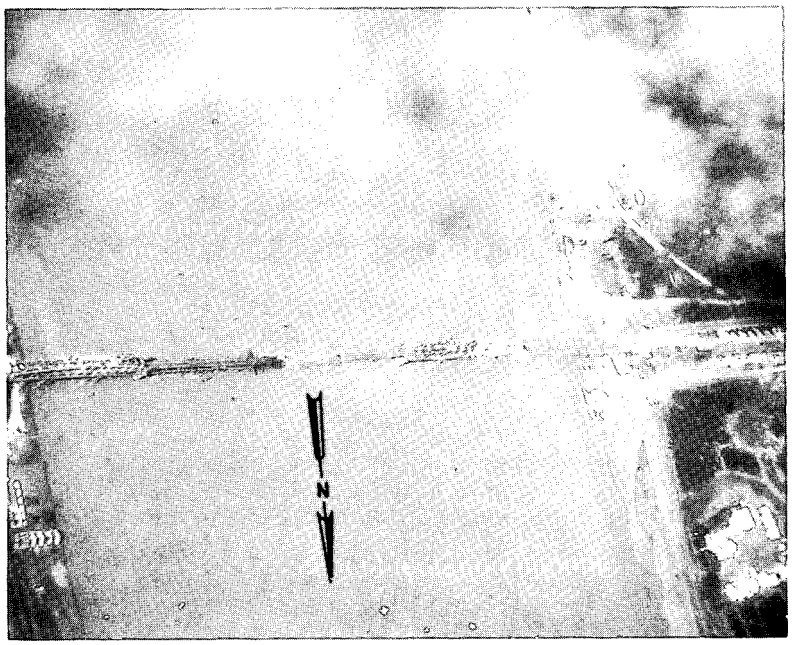
Three 85' temporary deck-beam spans dropped.

COMPENSATIVE ACTION:

A by-pass bridge is under construction approx. 750 yards north.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ba Don Hwy. Br. and Causeway No. 2 over stream [redacted] Bridge No. 32 on NE 48-11	North Vietnam	17 45N - 106 24E XE 505632
[redacted]		BRIEF NO: PIB 75192 September 1966

25X1

25X1

MAP JOG (A) 1501 NE 48-11

LOCATION: 0.5 nm W of Ba Don on an unnumbered route.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck-type bridge/lock

MATERIAL Concrete
NO. OF SPANS 8 sections
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

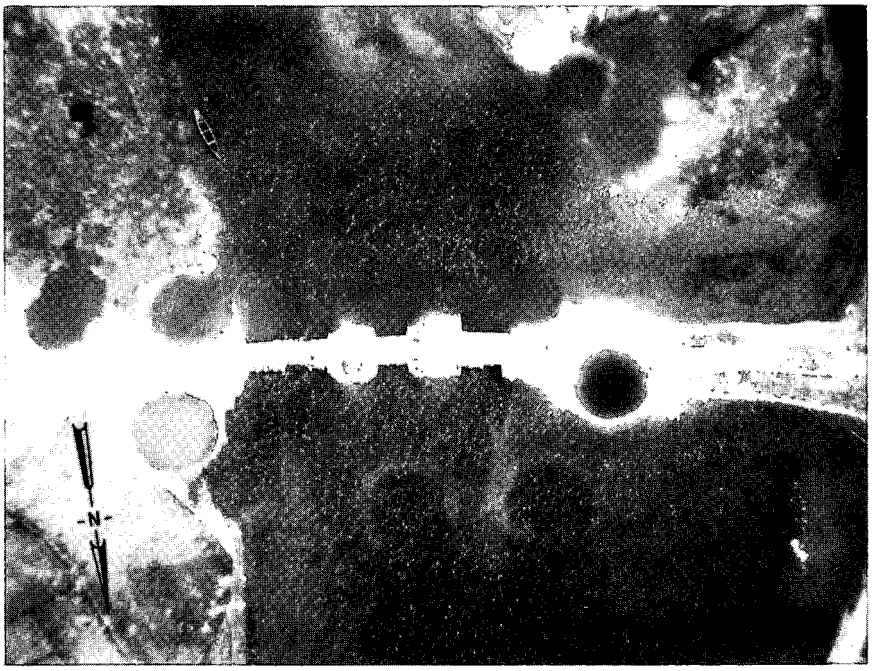
Repaired and serviceable.

COMPENSATIVE ACTION:

The 3 bridge/lock sections that were bombed out have been filled with aggregate.

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Tho Khoi RR. Bridge over stream [redacted] Bridge No. 9 on NF 48-11	North Vietnam	21 28N - 105 06E WJ 108735
[redacted]		BRIEF NO: PIB 75193 September 1966
MAP JOG (A) 1501 NF 48-11		

25X1

25X1

LOCATION: 1.0 nm SE of Tho Khoi on the Hanoi/Lao Cai Rail Line.

DESCRIPTION:

LENGTH 75' approx.
WIDTH [redacted] (Single-track)
TYPE Through-truss

MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 75' approx.

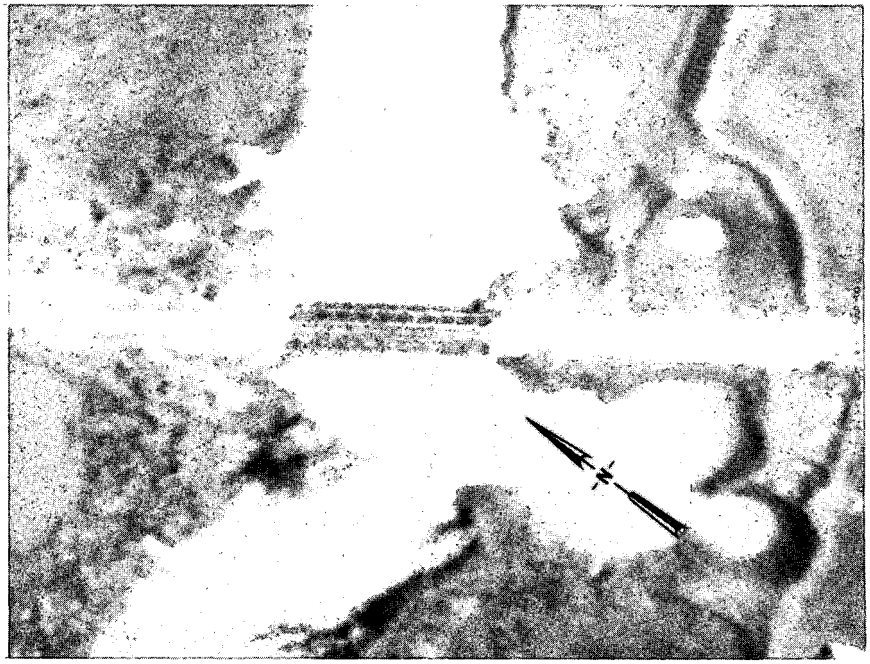
25X1

STATUS:
Repaired and serviceable.

COMPENSATIVE ACTION:
NA

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Xom Ngoai RR. Bridge over unknown barrier [redacted] Bridge No. 55 on NE 48-12	North Vietnam	17 33N - 106 32E XE 630426
[redacted]		BRIEF NO: PIB 75194 September 1966

25X1

25X1

MAP JOG (A) 1501 NE 48-12

LOCATION: 0.3 nm SE of Xom Ngoai on the Vinh/Dong Hoi RR. (Abandoned).

DESCRIPTION:

LENGTH 20' approx.
WIDTH [redacted]
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 20' approx.

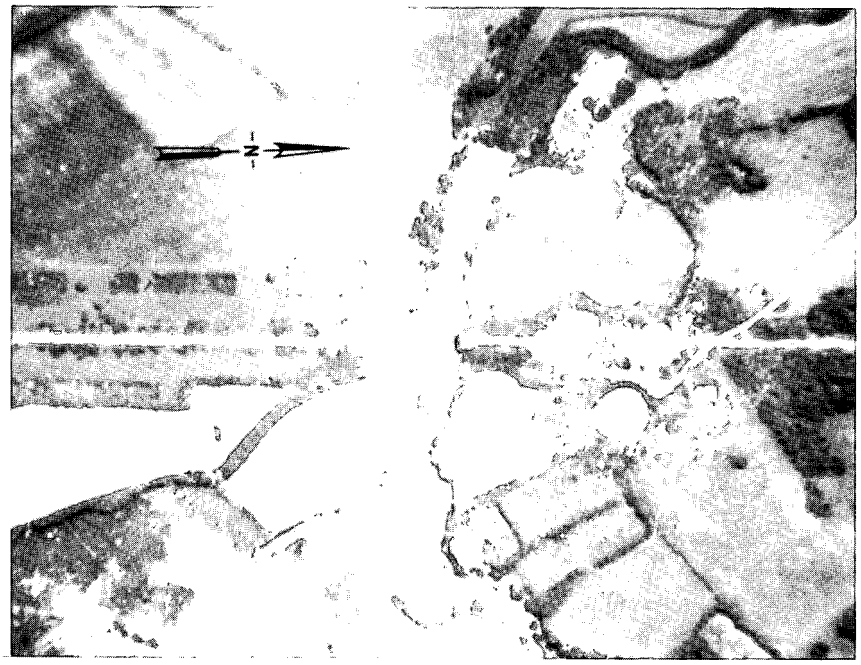
25X1

STATUS:

1 span completely destroyed; 1 abutment destroyed.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Tam Xuan Thuong Hwy. Bridge over Song Giang [redacted] Bridge No. 93 on NE 48-7	North Vietnam	18 37N - 105 43E WF 734550
[redacted]		BRIEF NO: PIB 75195 September 1966
MAP JOG (A) 1501 NE 48-7		

25X1

25X1

LOCATION: 1.0 nm S of Tam Xuan Thuong on Route 1A.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

MATERIAL Wood
NO. OF SPANS 4 probable
LENGTH OF EACH SPAN [redacted]

25X1

25X1

STATUS:

Bridge is almost completely repaired; decking partially laid.

COMPENSATIVE ACTION:

Ford

[redacted]

25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Loc Dai Hwy. Bridge SE over stream [redacted] Bridge No. 54 on NE 48-12	North Vietnam	17 28N - 106 35E XE 712333
[redacted]		BRIEF NO: PIB 75196 September 1966
MAP JOG (A) 1501 NE 48-12		

25X1

25X1

LOCATION: 0.9 nm NW of Dong Hoi on Route 1A.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck probable

MATERIAL Concrete
NO. OF SPANS 1 probable
LENGTH OF EACH SPAN [redacted]

25X1

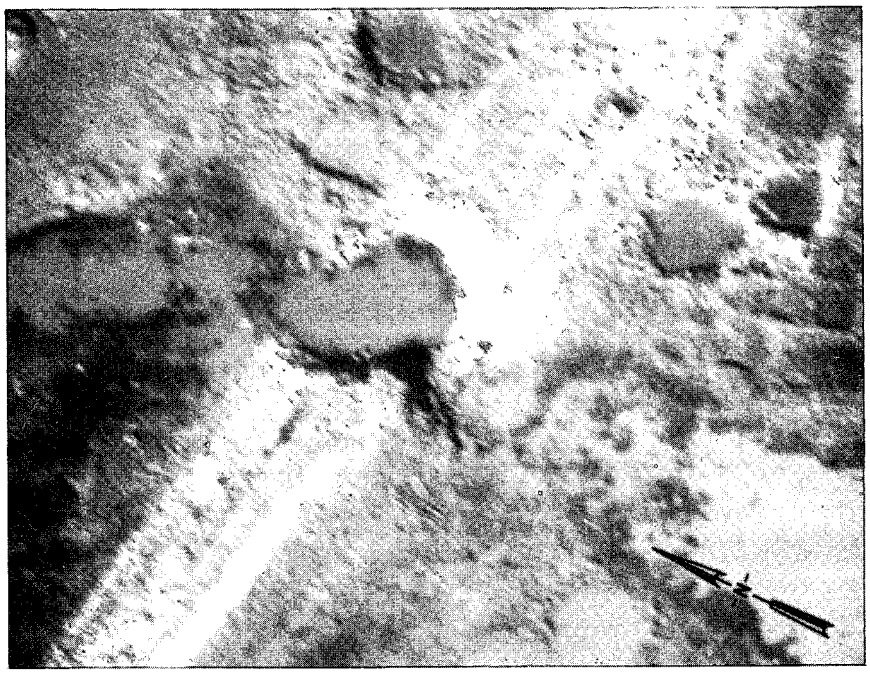
25X1

STATUS:

Span destroyed; 1 abutment destroyed.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Kieu Moc Phuong Hwy. Bridge W over stream [redacted] Bridge No. 25 on NE 48-11	North Vietnam	17 51N - 106 03E XE 128743

25X1

[redacted]

BRIEF NO: PIB 75197 October 1966

25X1

MAP AMS L509 NE 48-7

LOCATION: 0.8 nm SE of Tam Dong Phuong on Vinh-Dong Hoi Rail Line.

DESCRIPTION:

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

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

STATUS:

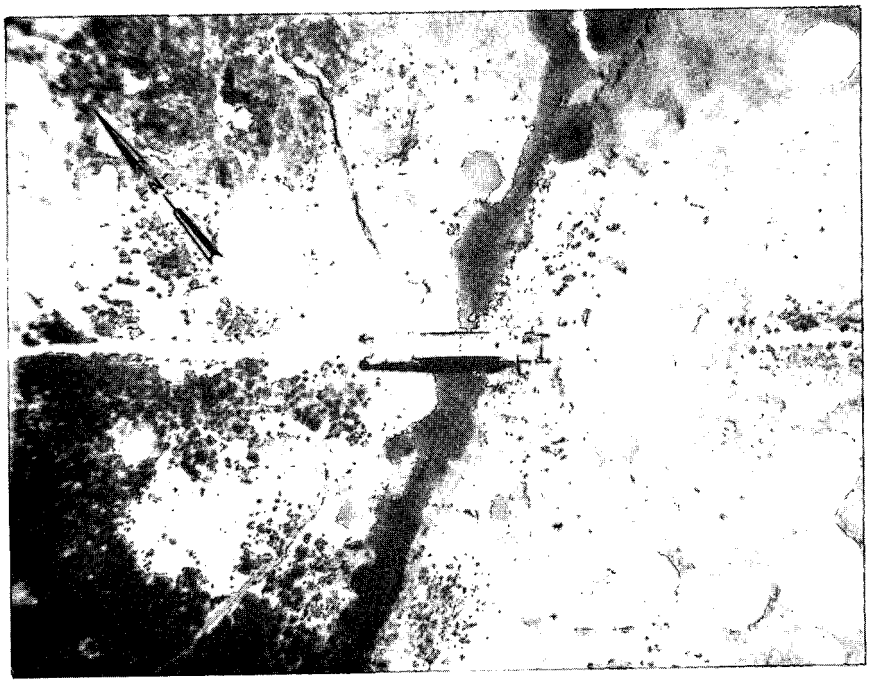
North approach and span repaired; south approach and span severely damaged. Bridge probably being rebuilt for rail service.

COMPENSATIVE ACTION:

None

[redacted]

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Bac Giang RR. & Hwy. Bridge over Song Thuong [redacted] Bridge No. 7 on NF 48-11	COUNTRY North Vietnam	COORDINATES 21 16N - 106 11E XJ 234527
[redacted]		BRIEF NO: PIB 75198
MAP JOG (A) 1501 NF 48-11		September 1966

25X1

25X1

LOCATION: At the E end of Bac Giang on the Hanoi/Dong Dang Rail Line and Route 18.

DESCRIPTION:

LENGTH 460' approx.
WIDTH Single track - 25' approx.
TYPE Deck

MATERIAL Concrete and steel
NO. OF SPANS 4
LENGTH OF EACH SPAN 115' approx.

STATUS:

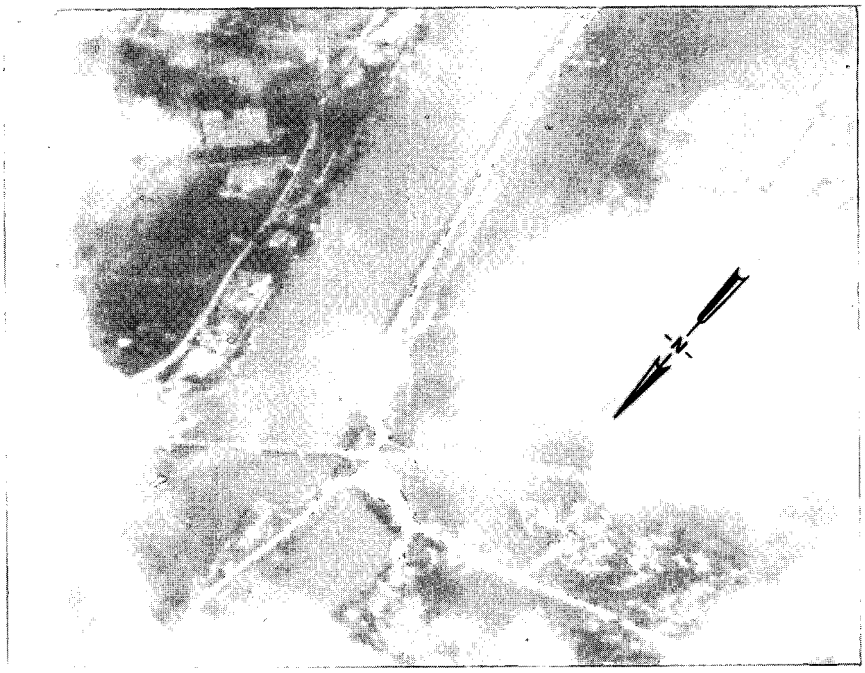
Replacement bridge for original destroyed bridge; now serviceable.

COMPENSATIVE ACTION:

By-pass bridge U/C.

[redacted]

25X1



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GROUP 1
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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Tam Xuan Hwy. Bridge over Song Giang [redacted] Bridge No. 98 on NE 48-7	North Vietnam	18 37N - 105 42E WF 749588
[redacted]		BRIEF NO: PIB 75199 October 1966
MAP JOG (A) 1501 NE 48-7		

25X1

25X1

LOCATION: 1.1 nm S of Thuong Thon on Route 1A.

DESCRIPTION:

LENGTH [redacted]
WIDTH
TYPE Deck

MATERIAL Wood and concrete
NO. OF SPANS 6
LENGTH OF EACH SPAN [redacted]

25X1

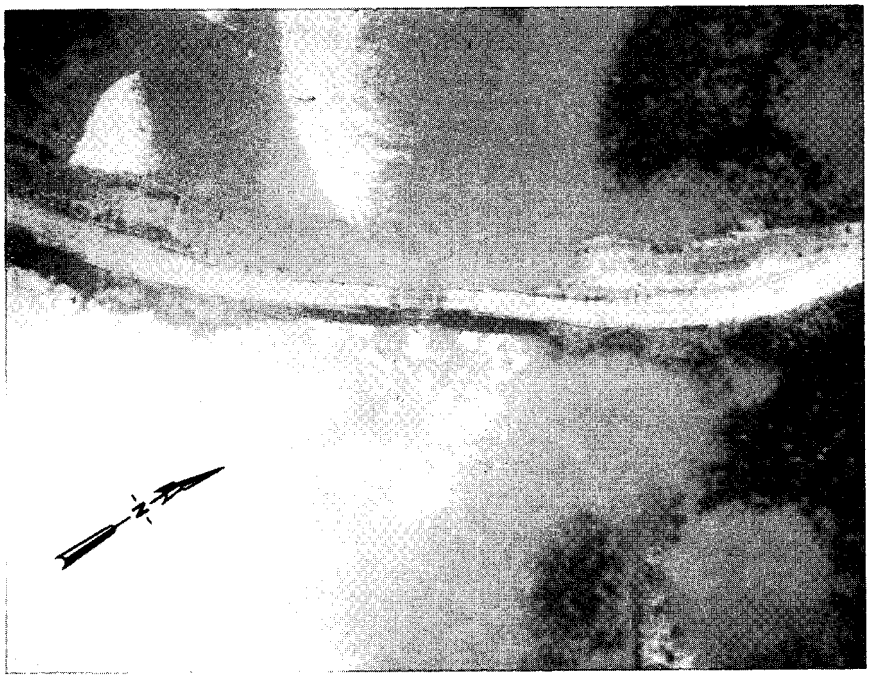
25X1

STATUS:
Bridge repaired with the exception of the decking on 1 span.

COMPENSATIVE ACTION:
NA

[redacted]

25X1



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