

PENT-PAP78T05161A001600020001-6

CIA IMAGERY ANALYSIS DIVISION		
COUNTRY	COORDINATES	
North Vietnam	22 09N/104 23E VK 368493	
	BRIEF NO:	
	COUNTRY	

T PIB - 6500

25X1

LOCATION: 0.5 nm NE of Lang Bun on the Hanoi - Lao Cai Rail Line

DESCRIPTION:

TYPE

LENGTH 1501

WIDTH Single Track

Half-through Truss

MATERIAL

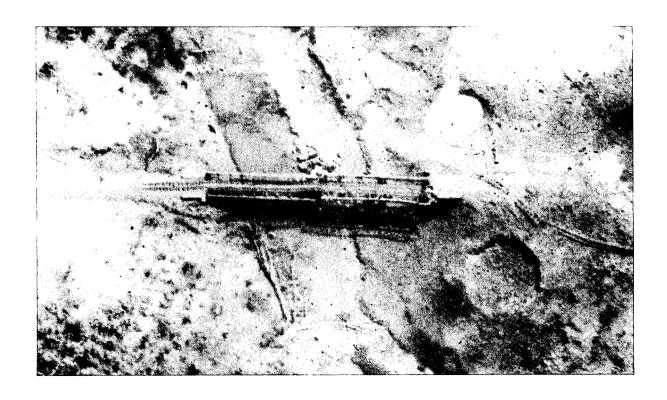
Steel and Concrete

NO. OF SPANS

LENGTH OF EACH SPAN 75

STATUS: Moderately damaged, super structure twisted and in poor alignment,

rail line interdicted on both approaches



Approved For Release 20(2/08/12):FQ14-RDP78T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Lang Bun R. R. Bridge 22 09N/104 23E Bridge No. 1 on NF 48-6 North Vietnam VK 368493 BRIEF NO: MAP <u> AMS L509 NF 48-6</u> PIB - 65002

LOCATION:

25X1

0.5 nm NE of Lan Bun, on the Hanoi - Lao Cai Rail Line

DESCRIPTION:

LENGTH

150'

HTGIW

Single Track

Half-through Truss

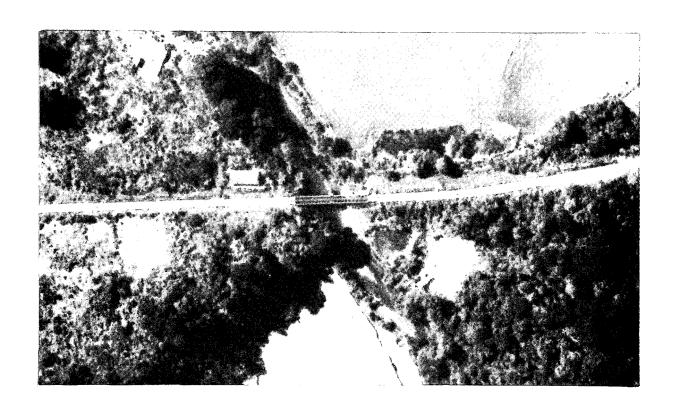
MATERIAL

Steel and Concrete

NO. OF SPANS LENGTH OF EACH. SPAN 75

STATUS: Pre-strike

COMPENSATIVE ACTION:



Approved For Release 2002/08/12 : CHA-RDP78T05161A001600020001-0

CIAI	MAGERY ANALYSIS DIVISION	
Name Ngoc Luy Highway Bridge Bridge No. 27 NE 48-7	COUNTRY North Vietnam	COORDINATES 18 21N - 105 52E WF 922303
		BRIEF NO:
MAP AMS 1509 NE 48	_7	PTB - 65003

25X1

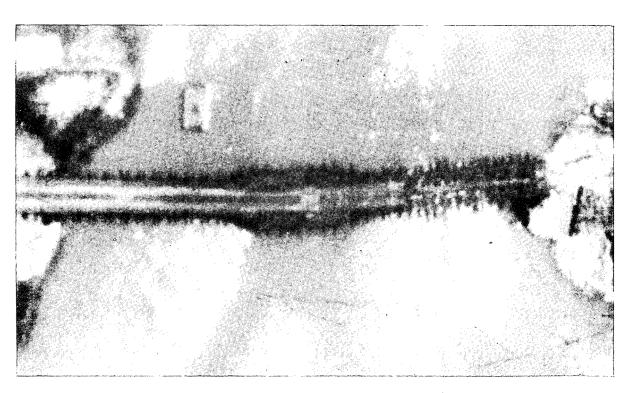
LOCATION: 0.3 nm East of Ngoc Luy on Route 1

DESCRIPTION:

WIDTH 140' (approx.)
TYPE Deck

MATERIAL WOOD & Concrete

STATUS: Unserviceable on East End





Approved For Release 2002/08/12 15/14/1978 8T05161A001600020001-0

	CIA IMAGERY ANALYSIS DIVISION		
•	N AME	COUNTRY	COORDINATES
	Ngoc Luy Highway Bridge Bridge No. 27 on NE 48-7	North Vietnam	18 21N - 105 52E WF 922303
5X1			BRIEF NO:
	MAP AMS L509 NE 48-7		T PIB - 65004

LOCATION: 0.3 nm East of Ngoc Luy on Route 1

DESCRIPTION:

width 10' (approx.)
type Deck

MATERIAL Wood & Concrete No. of spans 2 LENGTH OF EACH SPAN 2-70'

status: Pre-strike

COMPENSATIVE ACTION: N/A



Approved For Release 2002/08/115/14/17/18/105161A001600020001-0

NAME	COUNTRY	COORDINATES
Da Ben Highway Bridge		18 25N - 105 48 WF 851362
Da Ben Highway Bridge Bridge No. 16 on NE 48-7	North Vietnam	WF 851362
		BRIEF NO:
		·
MAP AMS 1,509 NE 48	3_7	PIB - 65006

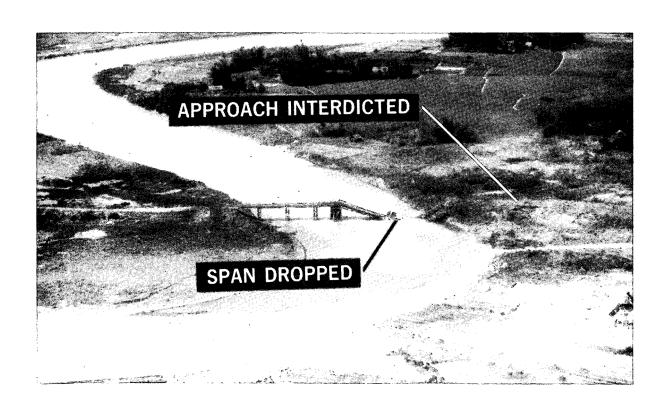
DESCRIPTION:

25X1

Deck and Half-through Truss LENGTH OF EACH SPAN 5 1-125, 3-35,1-20'

Steel and Concrete

STATUS: Heavily damaged, 1 span dropped, approach interdicted



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25X1

CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES
Sam Dinh Highway Bridge		18 24N - 105 42E
Bridge No. 20 on NE 48-7	North Vietnam	WF 750358
	-	BRIEF NO:
MAP AMS L509 NE 48-7		T PIB - 65007

LOCATION: 0.5 nm S.W. of Sam Dinh on an unnumbered route

DESCRIPTION:

25X1

160' LENGTH 10' WIDTH TYPĘ Deck

MATERIAL NO. OF SPANS LENGTH OF EACH SPAN 201

Steel and Concrete

STATUS: Completely destroyed



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	CIA IMAGERY ANALYSIS DIVISION		
•	N AME	COUNTRY	COORDINATES
	Sam Dinh Highw a y Bridge		18 24N - 105 42E
	Bridge No. 20 on NE 48-7	North Vietnam	WF 750358
5X1			BRIEF NO:
// '			
	MAP AMS L509 NE 48-7		→ PIB - 65008

LOCATION: 0.5 nm S.W. of Sam Dinh, on an unnumbered route

DESCRIPTION:

160' LENGTH

WIDTH 10' TYPE

Deck

Steel and Concrete

NO. OF SPANS LENGTH OF EACH SPAN 201

STATUS: Pre-strike

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES
Xom Thai Highway Bridge		18 40N - 105 36E
Bridge No. 25 on NE 48-7	North Vietnam	WF 642651
	<u> </u>	BRIEF NO:
MAP AMS L509 NE 48-7		PIB - 65009

LOCATION: 0.5 nm N.E. of Xom Thai on Route 15

DESCRIPTION:

25X1

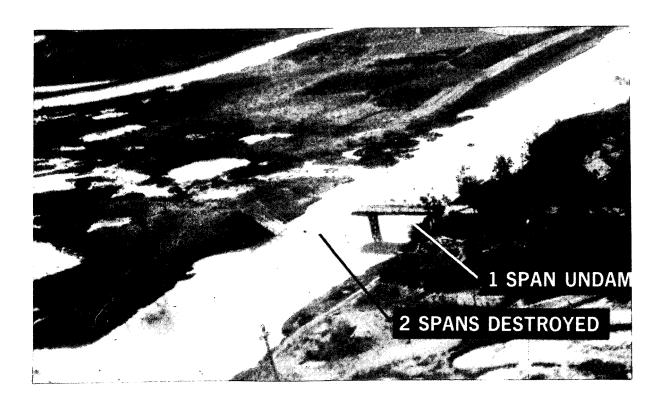
LENGTH 120' WIDTH 15' TYPE Deck

NO. OF SPANS NO. OF SPANS 3

Concrete and Steel

Two spans destroyed, 1 span undamaged

compensative action: None



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CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES
Ban Ca Nan Highway Bridge Brudge No. 1 on NE 48-2	North Vietnam	19 20N - 104 16E VG 241391
		BRIEF NO:
MAP AMS 1509 NE 48-2		PIB - 65010

LOCATION: 0.5 nm N.W. of Ban Ca Nan on Route 7

DESCRIPTION:

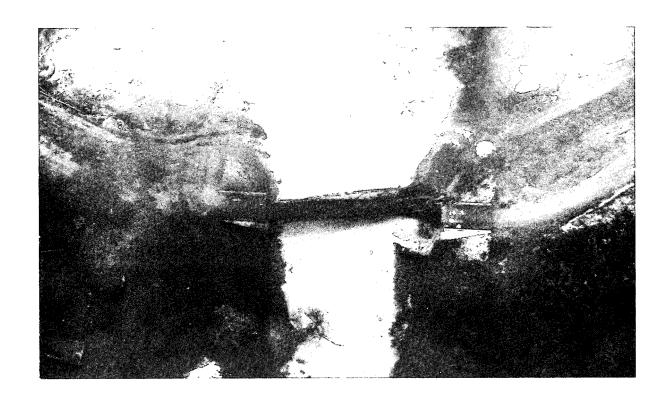
25X1

WIDTH 10' (approx.)
TYPE Half-through Truss

MATERIAL NO. OF SPANS LENGTH OF EACH SPAN Steel and Concrete

Status: Severely damaged - unserviceable, western end of span twisted and out of alignment

COMPENSATIVE ACTION: Ford



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25X1

CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES
Ban Ca Nan Highway Bridge Bridge No. 1 on NE 48-2	North Vietnam	19 20N - 104 16E VG 241391
Dirego No. 1 on Mil 10-2	MOT OIL ATECHSIII	BRIEF NO:
MAP AMS L509 NE 48-2		PIB - 65011

LOCATION: 0.5 nm N.W. of Ban Ca Nan on Route 7

DESCRIPTION:

25X1

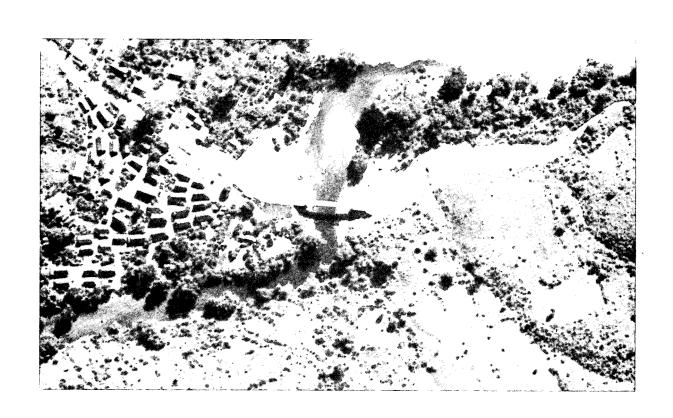
LENGTH 70' (approx.)
WIDTH 10' (approx.)
TYPE Half-through Truss

MATERIAL
NO. OF SPANS
LENGTH OF EACH SPAN

Steel and Concrete

STATUS: Pre-strike

COMPENSATIVE ACTION: N/A



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NAME	COUNTRY	COORDINATES
Ban Lang Moi Highway Bridge Bridge No. 10 on NE 48-2	North Vietnam	19 06N - 104 47E VG 780130
		BRIEF NO:

25X1

LOCATION: At Ban Lang Moi on Route 7

DESCRIPTION:

WIDTH 10' (Approx.)

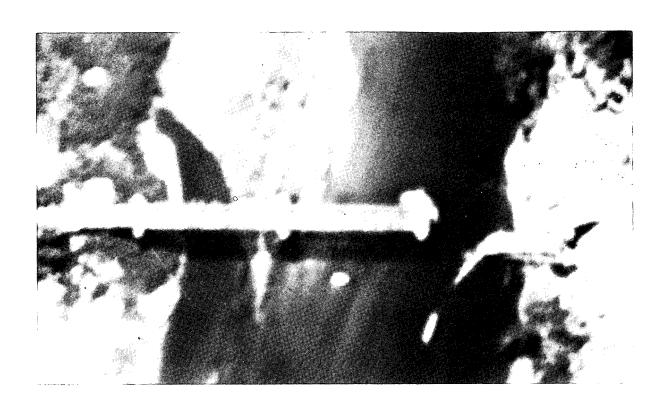
NO. OF SPANS LENGTH OF EACH SPAN 3-75

Steel and Concrete

2-25

STATUS:

2 spans destroyed



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25X1

NAME	COUNTRY	COORDINATES
Ban Pieng Hom Highway Bridge		19 21N - 104 13E
Bridge No. 3 on NE 48-2	North Vietnam	VG 184415
	•	BRIEF NO:
MAP AMS L509 NE 48-2		—— PTB - 65013

LOCATION: 1.0 nm N.W. of Ban Pieng Hom on Route 7

DESCRIPTION:

25X1

LENGTH 155' (approx.)

WIDTH 10' (approx.)

TYPE Deck (approx.)

LENGTH OF EACH SPAN 3-50

status: Pre-strike

compensative action: N/A



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CIA IMAGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES
Ban Pieng Hom Highway Bridge		19 21N - 104 13E
Bridge No. 3 on NE 48-2	North Vietnam	VG 184415
5X1	•	BRIEF NO:
2/1		
MAP AMS 1509 NE 48-2		PTB - 65014

LOCATION:

1.0 nm N.W. of Ban Pieng Hom on Route 7

DESCRIPTION:

LENGTH 155' (approx.)
WIDTH 10' (approx.)

MATERIAL NO. OF SPANS

LENGTH OF EACH SPAN

Concrete
3
3-50

STATUS:

2 spans destroyed

COMPENSATIVE ACTION:

Ford



CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Khe Kien Highway Bridge Bridge No. 8 on NE 48-2	North Vietnam	19 16N - 104 21E VG 319310	
		BRIEF NO:	
MAP AMS 1,509 NE 48-2		PIB - 65015	

LOCATION:

25X1

1.0 nm N. of Khe Kien on Route 7

DESCRIPTION:

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

MATERIAL CONC NO. OF SPANS 3

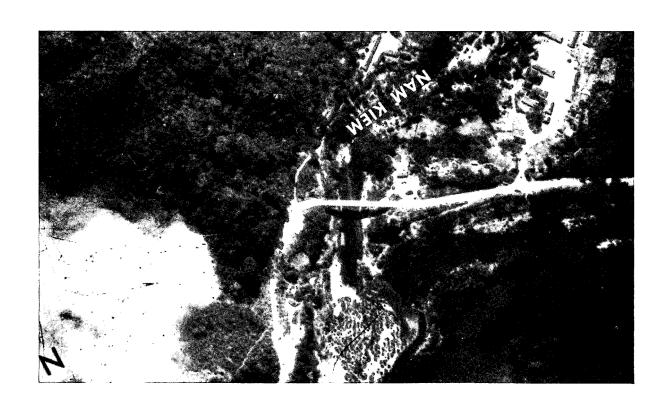
Concrete

LENGTH OF EACH SPAN 3-40

STATUS:

Pre-strike

COMPENSATIVE ACTION: N/A



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CIA	IMAGERY ANALYSIS DIVISION	
NAME Khe Kien Highway Bridge Bridge No. 8 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 16N - 104 21E VG 319310
25X1		BRIEF NO:
AMS_L509 NE 48-2		PIB - 65016

LOCATION: 1.0 nm N. Khe Kien on Route 7

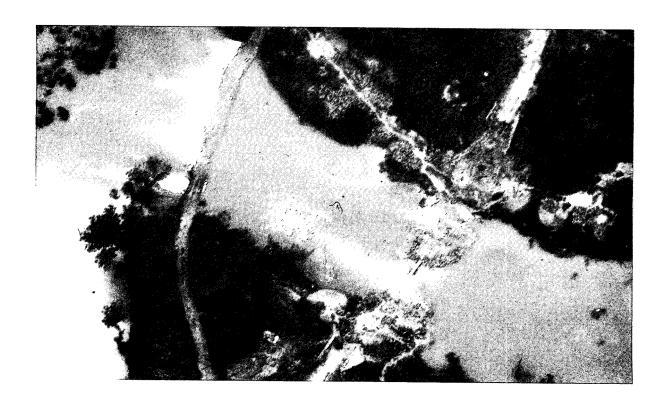
DESCRIPTION:

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

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

STATUS: Completely destroyed

COMPENSATIVE ACTION: Ford



LENGTH OF EACH SPAN

_		CIA IMAGER	RY ANALYSIS DIVISION		•
-	NAME		COUNTRY	COORDINATES	٠.
		Highway Bridge 2 on NE 48-7	North Vietnam	18 57N - 105 34E WF 602965	
25X1				BRIEF NO:	1
_	MAP	AMS L509 NE 48-7		PIB - 65017	
	LOCATION:	1.0 nm W. of Phuc Thiem	on Route 7		•
	DESCRIPTION:				
	LENGTH	1)101	MATERIAL	Concrete	

STATUS: Bridge destroyed, one abutment destroyed, approach cratered

COMPENSATIVE ACTION: None

25X1



25X1

CIA IN	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Phuc Thiem Highway Bridge		18 57N - 105 34E
Bridge No. 2 on NE 48-7	North Vietnam	WF 602965
		BRIEF NO:
MAP AMS L509 NE 48-7		TIB - 65018

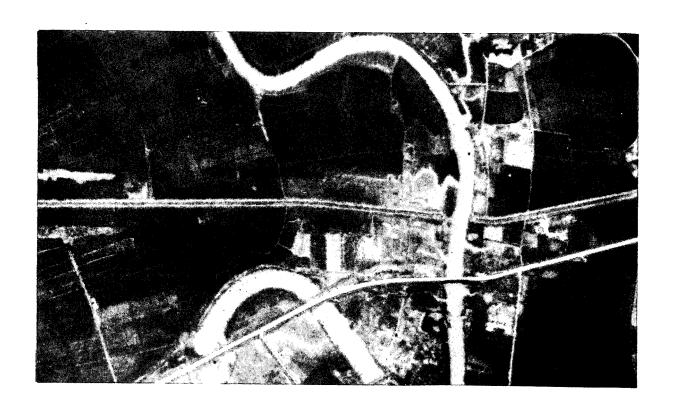
DESCRIPTION:

LENGTH 25X1

Concrete MATERIAL NO. OF SPANS LENGTH OF EACH SPAN 140'

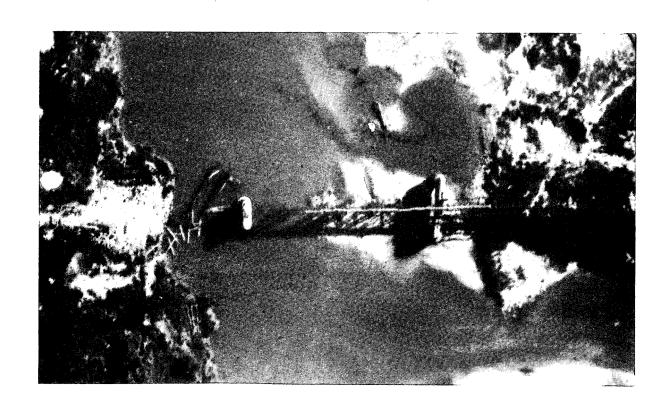
STATUS: Pre-strike

COMPENSATIVE ACTION:



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	CIA IMAGEI	RY ANALYSIS DIVISION	
	NAME	COUNTRY	COORDINATES
	La Khe Thon R.R. Bridge Bridge No. 13 on NE 48-7	North Vietnam	18 03N - 105 49E WE 871969
25X1			BRIEF NO:
	MAP AMS L509 NE 48-7		PIB - 65019
	LOCATION:		
25X1	DESCRIPTION: LENGTH WIDTH Single Track TYPE Half-through truss and	MATERIAL NO. OF SPANS LENGTH OF EACH SPAN	Wood, Steel, Concrete
	trestle status: 1 span heavily damaged, uns	ervice a ble	25X



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	CIA IMAGERY ANALYSIS DIVISION		
	La Khe Thon R.R. Bridge Bridge No. 13 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 105 49E WE 871969
25X1			BRIEF NO:
	MAP AMS L509 NE 48-7 LOCATION: 2.0 nm SE of La Khe Thon,	, on the Vihn-Dong Hoi	PIB - 65020 Rail Line
	DESCRIPTION:		
25X1	LENGTH WIDTH Single track TYPE Half-through truss and	MATERIAL NO. OF SPANS LENGTH OF EACH SPAN	Wood, steel and concrete
	trestle status: One span heavily damaged,	, unserviceable	25X



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CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES
Ngoc Luy Highway Bridge		18 21N - 105 52E
Bridge No. 27 on NE 48-7	North Vietnam	WF 922303
		BRIEF NO:
MAP AMS L509 NE 48-7		PIB - 65021

LOCATION: 0.3 nm E. of Ngoc Luy on Route 1

DESCRIPTION:

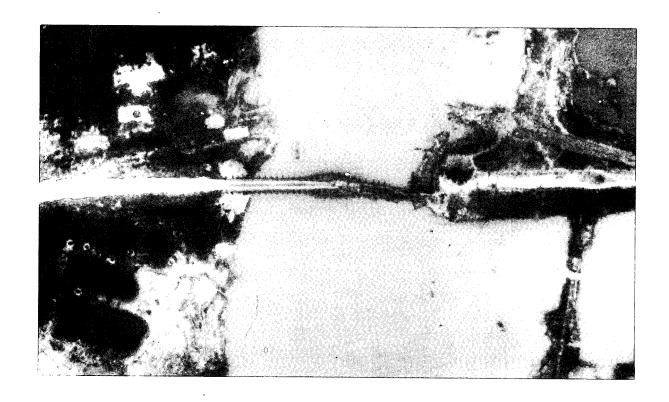
25X1

WIDTH 140' (approx.)
TYPE Deck

MATERIAL Wood & Concrete
NO. OF SPANS 2

LENGTH OF EACH SPAN 2-701

STATUS: Partially damaged on east end - unserviceable



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CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Da Ben Highway Bridge 18 25N - 105 48E Bridge No. 16 on NE 48-7 WF 851362 North Vietnam 25X1 BRIEF NO:

LOCATION: 0.2 nm NE of Da Ben on Route 1

DESCRIPTION:

HTDIW 25X1

LENGTH 250' TYPE Deck and half-through truss MATERIAL

Steel and concrete

NO. OF SPANS 5 LENGTH OF EACH SPAN 1-125, 3-35, 1-20'

STATUS:

Pre-strike

COMPENSATIVE ACTION: N/A



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CIA	IMAGERY ANALYSIS DIVISION	
N AME	COUNTRY	COORDINATES
Ban Na Him Highway Bridge Bridge No. 1 o n NF 48-14	North Vietn a m	20 58N - 103 33E UJ 490180
5X1		BRIEF NO:
MAP AMS L509 NF 48.	-14	PIB - 65023

LOCATION: 0.3 nm W. of Ban Na Him on an unnumbered route

DESCRIPTION:

LENGTH WIDTH

Undet.

Undet.

TYPE

Undet.

MATERIAL

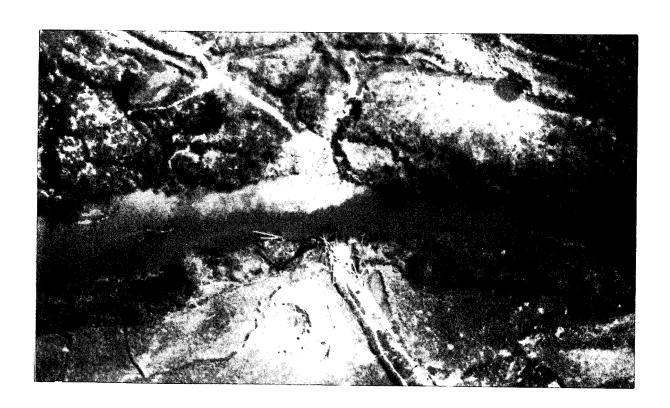
NO. OF SPANS

LENGTH OF EACH SPAN

Wood

Undet. Undet.

 ${\tt STATUS:}$ Completely destroyed, unserviceable



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CIA	IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Ban Nam Nen Highway Bridge		21 49N - 103 17E
Bridge No. 7 on NF 48-9	North Vietnam	<u>UK</u> 228155
(1		BRIEF NO:
MAP AMS L509 NF 48-9		T PTB - 65024

LOCATION: 0.3 nm S. of Ban Nam Nen on Route 6

DESCRIPTION:

LENGTH 30' 10' Deck

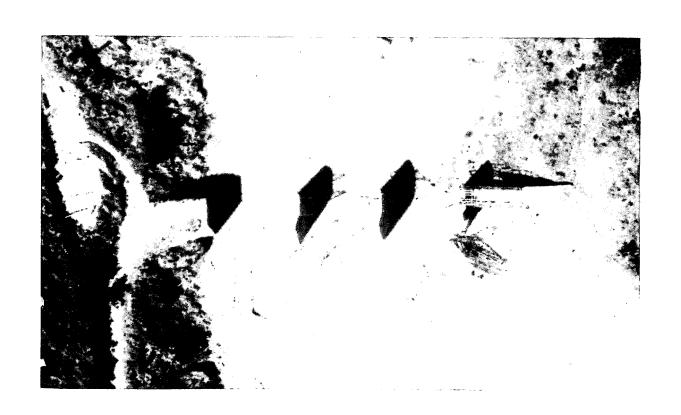
MATERIAL Wood NO. OF SPANS NO. OF SPANS 1 LENGTH OF EACH SPAN 30'

status: Completely destroyed



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	CIA IMAGERY ANALYSIS DIVISION			
	Ban Pa Hon Highway Bridge Bridge No. 2 on NF 48-9	COUNTRY North Vietnam	COORDINATES 21 46N - 103 17E UK 238094	
25X1	Dirage No. 2 on Nr 40-9	NOI CII VIECHAM	BRIEF NO:	
	MAP AMS L509 NF 48-9		PIB - 65025	
25X1	DESCRIPTION: LENGTH 10'	MATERIAL NO. OF SPANS	Steel and concrete	
	TYPE Deck	LENGTH OF EACH SPAN		25X ⁻
	status: Three spans completely	destroyed, 1 span heavily	damaged.	



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CIA IMAGERY ANALYSIS DIVISION		
NAME Xom Thanh Highway Bridge Bridge No. 5 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 54N - 105 49E WE 875794 BRIEF NO:
AMS L509 NE 48-11		PIB - 65026

LOCATION: 0.2 nm S.E. of Xom Thanh on Route 12

DESCRIPTION:

25X1

LENGTH 145' WIDTH 10'

TYPE Half-through Truss

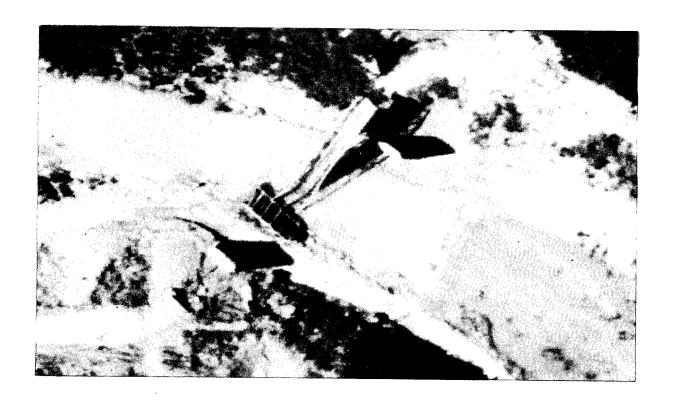
MATERIAL NO. OF SPANS Steel and Concrete

2

LENGTH OF EACH SPAN 1@ 115', 1@ 30'

status: Destroyed, 1 span dropped and 1 span completely blown off pier and abutment.

COMPENSATIVE ACTION: Possible ford east of bridge



	CIA II	MAGERY ANALYSIS DIVISION	
	NAME	COUNTRY	COORDINATES
	Xom Thanh Highway Bridge		17 54N - 105 49E
	Bridge No. 5 on NE 48-11	North Vietnam	WE 875794
5X1			BRIEF NO:
L	MAP AMS L509 NE 48-11		— PIB - 65027

LOCATION: 0.2 nm S.E. of Xom Thanh on Route 12

DESCRIPTION:

LENGTH 145' HTDIW

10' TYPE Half-through Truss MATERIAL

Steel and Concrete

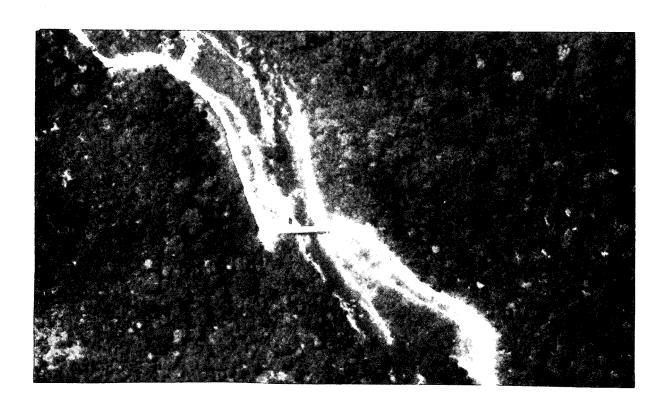
NO. OF SPANS

LENGTH OF EACH SPAN 1@ 115', 1@ 30'

STATUS:

Pre-strike

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Thach Ha Highway Bridge 18 19N - 105 55E Bridge No. 19 on NE 48-7 WF 968254 North Vietnam 25X1 BRIEF NO: NE 48-PIB - 65028 LOCATION:

DESCRIPTION:

25X1

LENGTH TYPE

Steel and Concrete

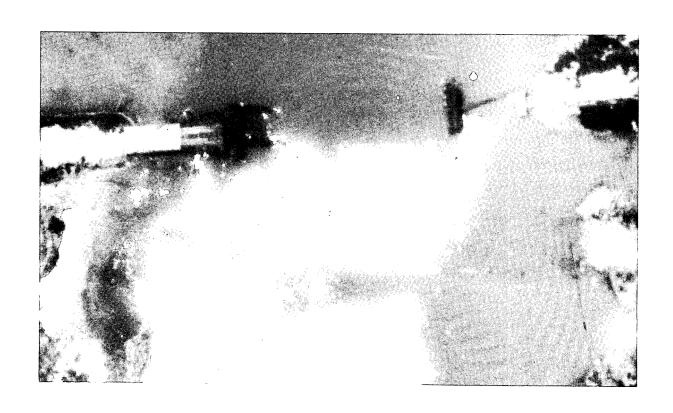
LENGTH OF EACH SPAN 2-60! 1-120'

STATUS:

Two spans destroyed One partially destroyed

COMPENSATIVE ACTION:

Ford



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CIA IMA	GERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Dia Dong I Highway Bridge		18 06N - 106 16E
Bridge No. 26 on NE 48-7	North Vietnam	XF 350020
(1		BRIEF NO:
MAP AMS L509 NE 48-7		PIB - 65029

LOCATION O.5 nm S.E. of Dia Dong on Route 1

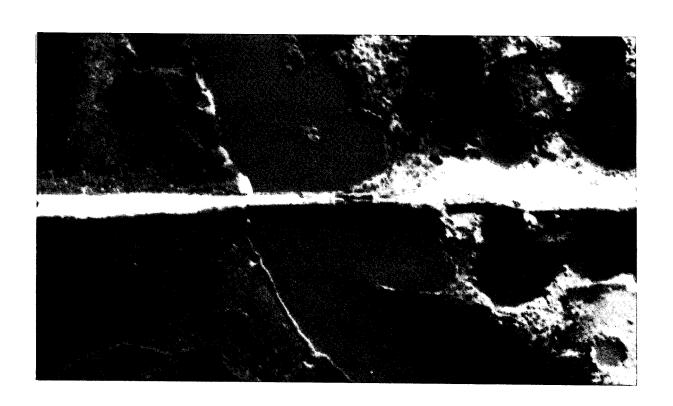
DESCRIPTION:

25X1 WIDTH TYPE TOOK

MATERIAL
NO. OF SPANS
LENGTH OF EACH SPAN

Steel and Concrete 2 60'

status: 1 span severely damaged



Approved For Release 200 ያልዩተነን ርፍተ ተጨወP78T05161A001600020001-0

	CIA IMAGER	RY ANALYSIS DIVISION		
•	NAME	COUNTRY	COORDINATES	-
	Hung Nhan Highway Bridge Bridge No. 34 on NE 48-7	North Vietnam	18 04N - 106 18E XE 371981	
25X1			BRIEF NO:	-
	MAP AMS L509 NE 48-7		PIB - 65030	
25X1	DESCRIPTION: 0.4 nm N.W. of Hung Nhan of Length WIDTH TYPE Deck		ood and Concrete	25X1
< 1	status: Three of the spans are damaged.	amaged, south approach	of the bridge is	
	compensative action: Possible placing	of new beams on damage	ed spans	



CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Ban Na Ngam Highway Bridge 21 30N - 103 06E Bridge No. 3 on NF 48-9 UJ 037790 North Vietnam 25X1 BRIEF NO: MAP NF 48-9 PIB - 65031 LOCATION: 0.2 nm W. of Ban Na Ngam on Route 19 DESCRIPTION:

25X1

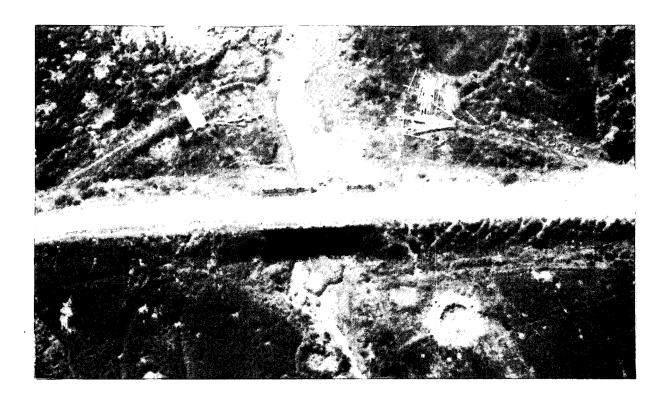
width
TYPE
Deck

MATERIAL NO. OF SPANS Concrete and Wood

LENGTH OF EACH SPAN 401

STATUS: Moderate damage to guard rail, bridge still serviceable

COMPENSATIVE ACTION: None



GROUP | Excluded from automatic downgrading and declassification

Approved For Release 2002/08/17 CMTRA P78 T05161 A001600020001-0

CIA IMAGERY ANALYSIS DIVISION NAME COUNTRY COORDINATES Xom Buoc R.R. Br. 21 54N - 104 39E Bridge No. 2 on NF 48-10 North Vietnam VK 647235

PIB - 65032 LOCATION: 1.8 nm E. of Xom Nuoc Nong on the Hanoi-Lao Cai Rail Line.

DESCRIPTION:

25X1

LENGTH 80'

WIDTH

Single track TYPE Half-through truss MATERIAL

Steel and Concrete

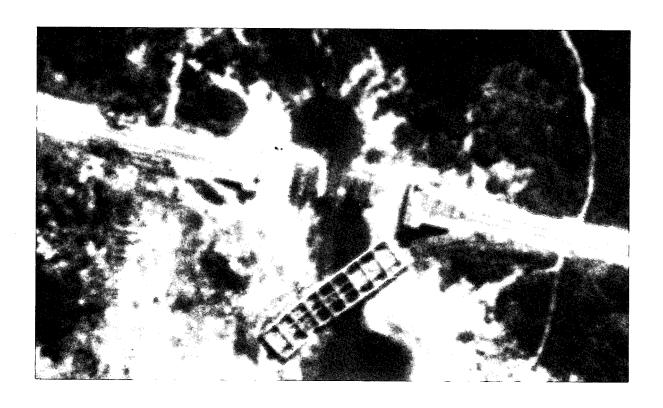
NO. OF SPANS

LENGTH OF EACH SPAN 801

STATUS:

Span completely destroyed

COMPENSATIVE ACTION: Two new wooden piers under construction



Approved For Release 2002(0NF2) ENTRA 278T05161A001600020001-0

	CIA IMA	GERY ANALYSIS DIVISION	
	NAME	COUNTRY	COORDINATES
	Lang Quanch Ngoai R.R. Br. Bridge No. 4 on NF 48-10	North Vietnam	21 54N - 104 40E VK 663217
25X1			BRIEF NO:
_	MAP AMS 1,509 NF 48-10		PIB - 65033

LOCATION: At Lang Quanch Ngoai on the Hanoi-Lao Cai Rail Line

DESCRIPTION:

LENGTH 801

WIDTH

Single track Half-through truss MATERIAL

Steel and Concrete

NO. OF SPANS

LENGTH OF EACH SPAN 801

STATUS:

Span Destroyed



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	CIA IM	AGERY ANALYSIS DIVISION	
•	NAME Ban Lac Hwy. Br. Bridge No. 6 on NF 48-10	COUNTRY	COORDINATES
	bridge No. 6 on Nr 40-10	North Vietnam	21 19N - 103 55E UJ 876584
25X1			8 REF NO:
	MAP AMS L509 NF 48-10		PIB - 65034

LOCATION: 0.5 N.M.W. of Ban Lac on an unumbered route.

DESCRIPTION:

25X1

width
TYPE

Deck (approx.)

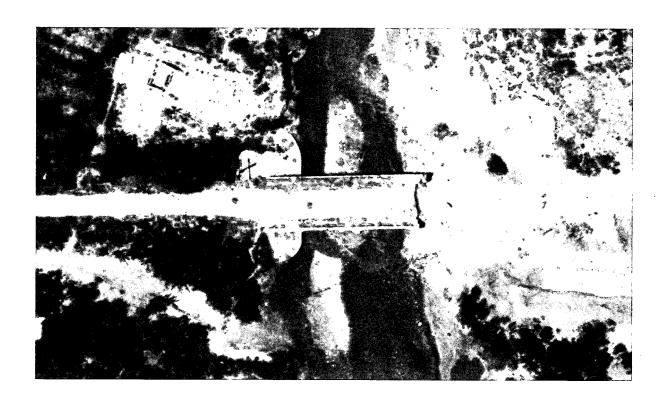
MATERIAL Concrete & Wood NO. OF SPANS 2 LENGTH OF EACH SPAN 201

STATUS:

Heavily damaged, 1 abutment destroyed

COMPENSATIVE ACTION:

None



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	CIA II	MAGERY ANALYSIS DIVISION	
-	NAME	COUNTRY	COORDINATES
	Ron Highway Br.		17 52N - 106 27E
	Bridge No. 9 on NE 48-11	North Vietnam	XE 533770
5X1 [•	BRIEF NO:
"``			
L	MAP AMS L509 NE	48-11	PTB - 65035

LOCATION:

1.0 nm S.W. of Ron on an unnumbered route.

DESCRIPTION:

LENGTH 300'
WIDTH 10'
TYPE Deck

MATERIAL Wood
NO. OF SPANS 6
LENGTH OF EACH SPAN 50'

STATUS: Two spans completely destroyed, two spans heavily damaged

compensative action: None



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	CIA IA	MAGERY ANALYSIS DIVISION	
_	N AME	COUNTRY	COORDINATES
	Xom Hang Hwy. Bridge		18 10N - 106 13E
_	Bridge No. 70 on NE 48-7	North Vietnam	XF 285105
5X1 [BRIEF NO:
⁵ /			PIB 65036
L	MAP AMS L509 NE 48-7		April 1966

LOCATION: 0.5 nm N of Xom Hang on Route LA.

DESCRIPTION:

width type 10' approx. Deck MATERIAL Concrete and steel NO. OF SPANS λ LENGTH OF EACH SPAN 15' approx.

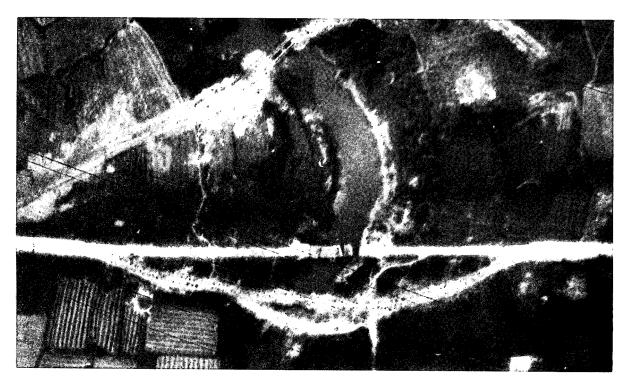
STATUS:

Two spans destroyed; two piers damaged; abutments intact.

COMPENSATIVE ACTION:

Ford. 1 by-pass bridge just east of damaged span - serviceable; 1 by-pass bridge west of damaged span - under construction.

25X1





	CIA IMAGER	RY ANALYSIS DIVISION	
_	NAME	COUNTRY	COORDINATES
_	Ha Thon Highway Br. Bridge No. 3 on Map NE 48-12	North Vietnam	17 13N - 106 43E XE 817 054
25X1			BRIEF NO:
	MAP AMS L509 NE 48-12		PIB - 65037

LOCATION:

1 nm S.W. of Ha Thon on RT 101

DESCRIPTION:

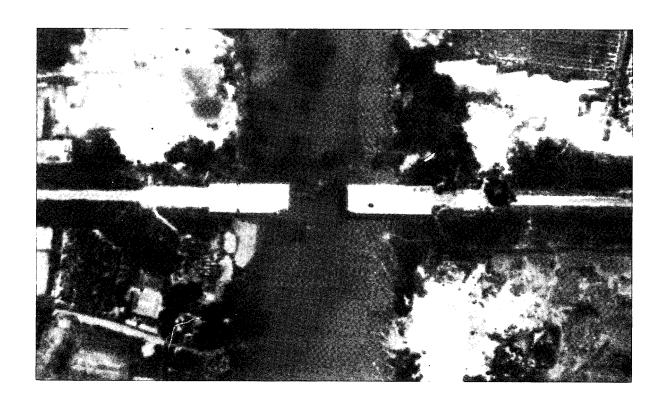
LENGTH Undet. WIDTH

15' TYPE Deck MATERIAL

Concrete and Steel

NO. OF SPANS NO. OF SPANS 5 LENGTH OF EACH SPAN Undet.

status: 1 span destroyed, 1 damaged - Unserviceable



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25X1

CIA IM.	AGERY ANALYSIS DIVISION	
Xom Yen Loc Hwy. Br. Bridge No. 5 on NE 48-3	North Vietnam	COORDINATES 19 14 N - 105 42 E WG 735 275
5X1 AMS 1,509 NE 48-3		BRIEF NO:
MAP AND 13009 NE 40-3		PIB - 65038

LOCATION:

0.8 N.M. S. of Xom Yen Loc on route 1

DESCRIPTION:

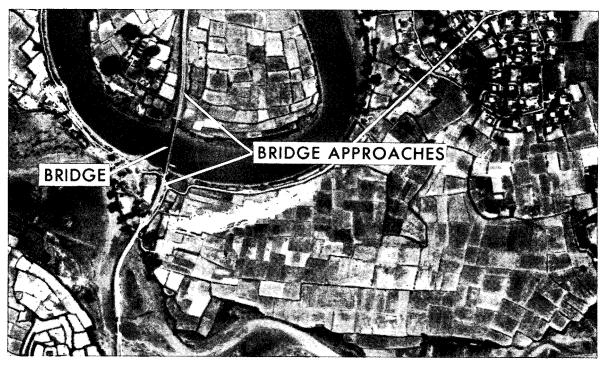
width approx. 200' approx. 10'
TYPE Deck with handrail

MATERIAL Steel & Concrete
NO. OF SPANS 5
LENGTH OF EACH SPAN approx. 40'

STATUS:

Pre-strike

COMPENSATIVE ACTION:





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CIA IMAGI	ERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Xom Yen Loc Hwy. Br. Bridge No. 5 on NE 48-3	North Vietnam	19 14N - 105 42E WG 735 275
		BRIEF NO:
рното AMS L509 № 48-3		PIB - 65039
MAP		1 2 3/03/

25X1

LOCATION:

0.8 N.M.S. of Xom Yen Loc on route 1

DESCRIPTION:

LENGTH WIDTH

approx. 200

TYPE

approx. 10° Deck with handrail MATERIAL

NO. OF SPANS

LENGTH OF EACH SPAN

Steel & Concrete

5

approx. 40'

STATUS:

One span destroyed

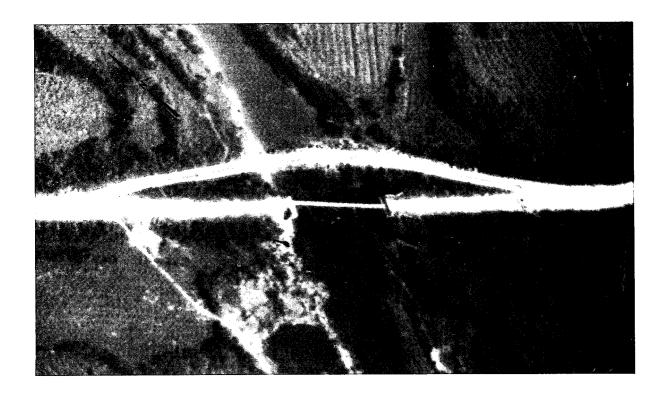
COMPENSATIVE ACTION:

None



Approved For Release 2002/08/12 EMTRAP78T05161A001600020001-0

			A Signification is a subsequent of the subsequent	
-	CIA IMAGER	RY ANALYSIS DIVISION		_
- X1	NAME Quyen Heanh Hwy. Bridge S No. l on Khe Nuoc Bridge No. 36 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 106 20E XE 413961	_
X1			BRIEF NO: PIB 65040	
-	MAP AMS L509 NE 48-7 LOCATION: 1.0 nm SW of Yen Hung on Rou	ite lA.	-	_
X1	DESCRIPTION: LENGTH WIDTH TYPE Deck	MATERIAL Concrete an No. of Spans 1 LENGTH OF EACH SPAN	nd timber	2
	Span totally destroyed.			
〈 1	compensative action: wide plank footbridge on brotheridge.	ridge site; vehicular :	ford to immediate NNE	
· 〈 1				



Approved For Release 200208/#20 CMTROP78T05161A001600020001-0

	CIA IMAGE	RY ANALYSIS DIVISION	
N AMÉ	Ban Bung Hwy. Br. Bridge No. 11 on Ne 48-2	North Vietnam	COORDINATES 19 08N - 104 45E VG 734 159
	·	•	BRIEF NO:
MAP	AMS L509 NE 48-2		65041

LOCATION:

25X1

0.5 N.M. S.W. of Ban Bung on route 7

DESCRIPTION:

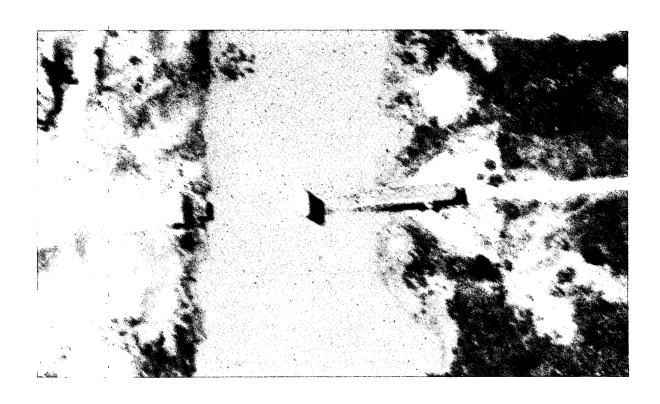
width 10°
type Deck

material Steel & Concrete no. of spans 4 Length of Each span 2-60', 2-10'

STATUS:

3 spans destroyed, 1 span damaged and 1 approach interdicted.

COMPENSATIVE ACTION: Ford to the south



Approved For Release 200@0NF4DENTRAP78T05161A001600020001-0

CIA IMA	AGERY ANALYSIS DIVISION	
AME	COUNTRY	COORDINATES
Canh Trap Hwy. Br.		19 13N - 104 32E
Bridge No. 12 on NE 48-2	North Vietnam	VG 515 254
		BRIEF NO:
РНОТО AMS L509 NF 48-2		65042
MAP		

25X1

0.5 N.M. S. of Canh Trap on route 7

LOCATION:

40' (approx.)
10' (approx.) LENGTH WIDTH TYPE Probable deck

MATERIAL Concrete NO. OF SPANS LENGTH OF EACH SPAN

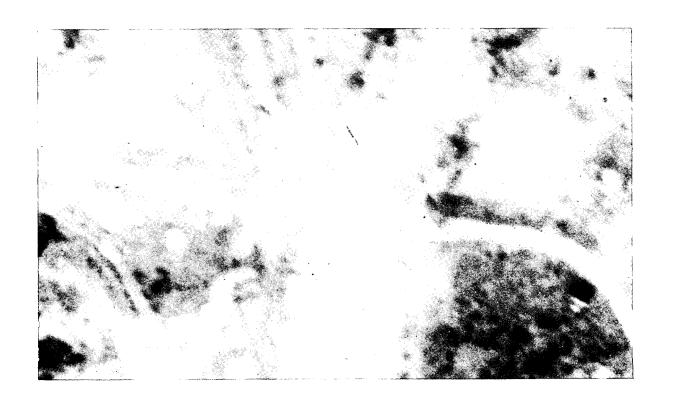
40 1

STATUS:

Extent of damage undetermined due to poor quality photography. Bridge probably unserviceable.

COMPENSATIVE ACTION:

None apparent



Approved For Release 200@0% F4D ENTROP78T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION COORDINATES 19 15N - 105 41E COUNTRY NAME Qui Vinh R.R. Br. Bridge No. 1 on NE 48-3 North Vietnam WG 720 302 25X1 BRIEF NO: AMS L509 NE 48-3 65043 MAP

LOCATION:

0.6 N.M.W. of Qui Vinh and the Hanoi - Vinh R.R.

DESCRIPTION:

LENGTH 2601

WIDTH

single track

Through-truss

MATERIAL NO. OF SPANS

Steel & Concrete

LENGTH OF EACH SPAN

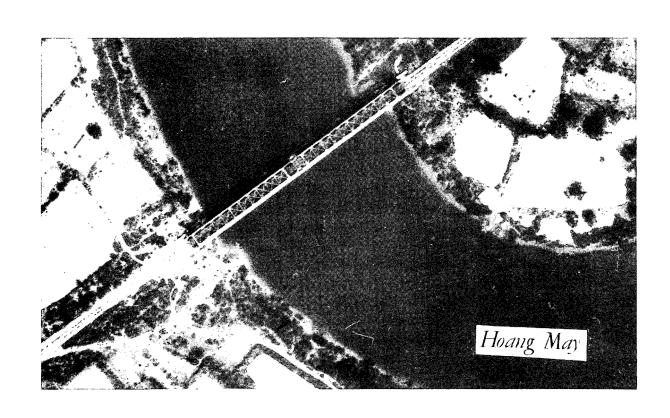
130'

STATUS:

Pre-strike

COMPENSATIVE ACTION:

N/A



Approved For Release 200200014PD 1204FR01278T05161A001600020001-0

CIA IMA	GERY ANALYSIS DIVISION	
Qui Vinh RR Br. Bridge No. 1 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 15N - 105 41E WG 720 302
5X1		BRIEF NO:
AMS L509 NE 48-	- 3	65044

LOCATION:

0.6 NM W. of Qui Vinh on the Hanoi-Vinh R.R.

DESCRIPTION:

LENGTH 2601

width Single track

TYPE Through truss

MATERIAL Steel-Concrete

NO. OF SPANS 2

LENGTH OF EACH SPAN 130:

STATUS:

One span completely destroyed, and one abutment completely destroyed. Bridge impassable.

COMPENSATIVE ACTION:

A light bridge is probably complete 100 yards south of the Qui Vinh Bridge.

Type and No. of spans of new bridge undetermined because of poor quality photography.





20**62/08/41** PD ENAT-PAPP78T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION

coordinates 19 15N - 105 41E COUNTRY Qui Vinh R.R. Br.

Bridge No. 1 on NE 48-3 North Vietnam WG 720 302

BRIEF NO:

AMS L509 NE 48-3 MAP LOCATION: 0.6 nm W. of Qui Vinh on the Hanoi-Vinh Rail Line

DESCRIPTION:

LENGTH 260'

WIDTH

Single track

NAME

25X1

Through truss

MATERIAL

Steel and Concrete

NO. OF SPANS

LENGTH OF EACH SPAN

130'

65045

STATUS:

One span and one abutment completely destroyed; approaches cratered.

COMPENSATIVE ACTION:

None.



Approved For Release 200 (20) 17 D 214 17 AP 78 T 05 16 1 A 0 0 16 0 0 0 2 0 0 0 1 - 0

_			CIA IMAGER	RY ANALYSIS DIVISION	
	N AME	Phuc Son Hwy. Bridge No. 41	Br. on NE 48-7	North Vietnam	COORDINATES 18 56N - 105 03E WF 062 949
25X1		_			BRIEF NO:
•	MAP	AMS L509	NE 48 -7		65046

O.8 N.M. S.W. of Phuc Son on route 7

DESCRIPTION:

LENGTH approx. 801 HTGIW 10'

TYPE Deck MATERIAL Probably Concrete

NO. OF SPANS

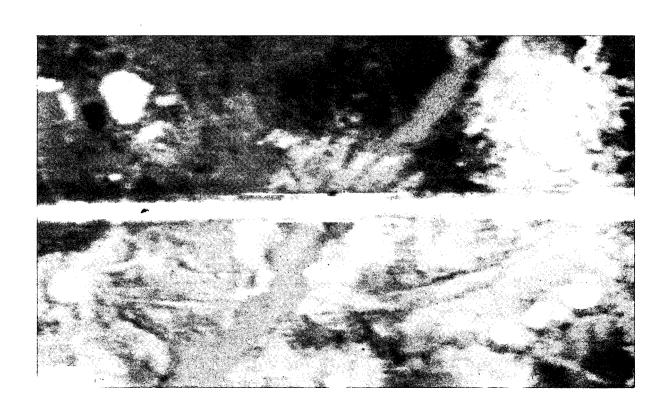
LENGTH OF EACH SPAN 40 1

STATUS:

Moderate damage, serviceable

COMPENSATIVE ACTION:

None



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CIA IM	AGERY ANALYSIS DIVISION	
Xom Yen Loc Hwy. Br. Bridge No. 5 on NE 48-3	North Vietnam	COORDINATES 19 14N - 105 42E WG 735 275
5X1		BRIEF NO:
AMS L509 NE 48-3		65047

O.8 N.M. S. of Xom Yen Loc on route 1

DESCRÍPTION:

LENGTH approx. 200' approx. 10' WIDTH

TYPE Deck with handrail

Concrete - Steel NO. OF SPANS 5
LENGTH OF EACH SPAN approx. 40'

STATUS:

Two middle spans destroyed; bridge unserviceable.

COMPENSATIVE ACTION: Ferry site. No repairs apparent to destroyed bridge.



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	CIA IMAGERY ANALYSIS DIVISION		
N AME			21 54N - 104 40E VK 655 226
5X1			BRIEF NO:
MAP	AMS L509 NF 48-10		65048

LOCATION:

1.2 N.M. South of Dong Vai on the Hanoi-Lao Cai Rail Line

DESCRIPTION:

LENGTH 601

WIDTH

Single track

Through truss

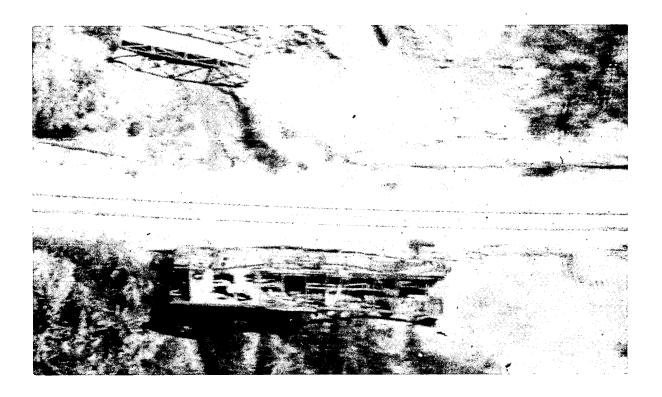
MATERIAL Steel

NO. OF SPANS 1 LENGTH OF EACH SPAN

601

STATUS: Bridge was destroyed by bombing; the destroyed truss is laying alongside the track.

COMPENSATIVE ACTION: Bridge has been replaced by fill and a culvert.



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CIA IMAG	SERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Lang Quanch Ngoai R.R. Br.		21 54N - 104 40E
Bridge No. 4 on NF 48-10	North Vietnam	VK 663 217
	• : :::	BRIEF NO:
рното AMS L509 NF 48-10	65049	
MAP		

LOCATION:

25X1

At Lang Quanch Ngoai on the Hanoi-Lao Cai Rail Line.

DESCRIPTION:

LENGTH 801

WIDTH TYPE

Single track

Deck, Beam

MATERIAL Wood and Concrete

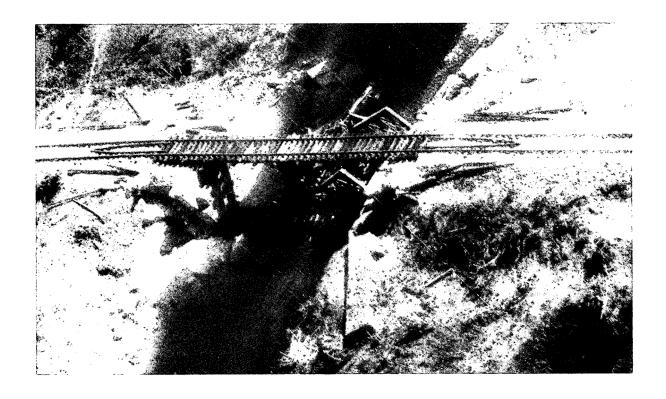
NO. OF SPANS 2

LENGTH OF EACH SPAN 401

STATUS:

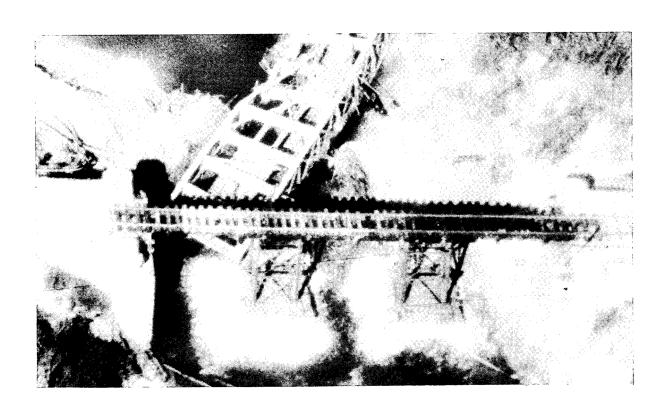
Serviceable replacement for a destroyed bridge.

Bridge consists of beams supported by a tower and the old concrete abutments.



-		CIA IMAG	ERY ANALYSIS DIVISION		
-		m Nuoc Nong R.R. Br. idge No. 2 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 54N - 104 39E VK 647 235	
25X1	101	Tuge NO. 2 Oil Nr 40-10	NOT OIT VIC OTTAIN	BRIEF NO:	
	MAP	AMS L509 NF 48-10		65050	
25X1	DESCRIPTION: LENGTH WIDTH TYPE	1.8 N.M.E. of Xom Nuoc No Single track Deck, Beam	ong on the Hanoi Lao-Ca MATERIAL WOOD NO. OF SPANS 3 LENGTH OF EACH SPAN	i Rail Line	25>
	STATUS:	Serviceable replacement f by beams, two wooden tow			

COMPENSATIVE ACTION:





Approved For Release 2002/03N El:DEA R 278T05161A001600020001-0

CIA	IMAGERY ANALYSIS DIVISION	
Lac Di Hwy. Bridge Bridge No. 49 on NE 48-7	North Vietnam	COORDINATES 18 01N - 106 17E XE 359920
MAP AMS L 509 NE 48-7	•	BRIEF NO: PIB - 65051 October 1965

LOCATION: 0.2 nm N. of Lac Di on an unnumbered route

DESCRIPTION:

25X1

LENGTH 140' approx.

WIDTH 101

TYPE Deck

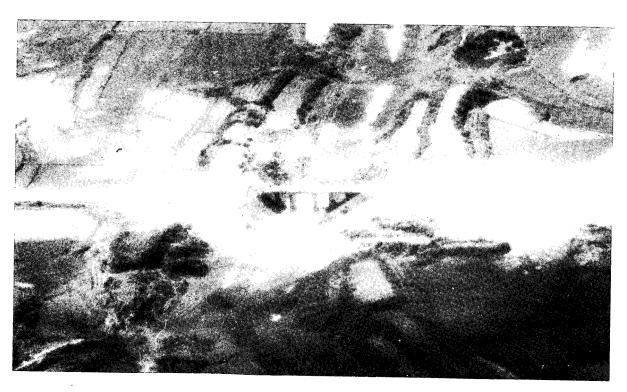
MATERIAL Concrete and timber

NO. OF SPANS 5

LENGTH OF EACH SPAN 1-40', 4-25'

STATUS: 1 abutment damaged

COMPENSATIVE ACTION: Ford





Approved For Release 200 2/03/16/1 DEN-FILM-78T05161A001600020001-0

Approved For Release 20(27)(4)(12)[(N/4-1/4)[P78T05161A001600020001-0

	CIA IMAC	GERY ANALYSIS DIVISION	
N A	Khe Che R.R. Br. Bridge No. 1 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 59N - 104 34E VK 561 313
	AMS L509 NF 48-10)	BRIEF NO: 65052

LOCATION:

1.5 N.M. N.W. of Khe Che on the Hanoi-Lao Cai Rail Line.

MATERIAL Wood (formerly Steel and NO. OF SPANS 3 Concrete)
LENGTH OF EACH SPAN 1-20', 1-25', 1-55'

DESCRIPTION:

LENGTH 100'

WIDTH

Single track

Deck Girder

(formerly half-through truss)

STATUS:

Replacement for a previously destroyed bridge.

COMPENSATIVE ACTION: Note old bridge in stream bed.



Approved For Release 20**0 ያነዋና** ነው E የነጻ ነው P78T05161A001600020001-0

	CIA IMAGERY ANALYSIS DIVISION			
	ai Due Thon ridge No. 7 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 105 50E WF 886 964	
5X1		I	BRIEF NO:	
MAP	AMS L509 NE 48-7		65053	

LOCATION:

0.5 N.M. N.W. of Bai Due Thon on Route 12

DESCRIPTION:

140' (approx.) LENGTH Single track WIDTH Through truss

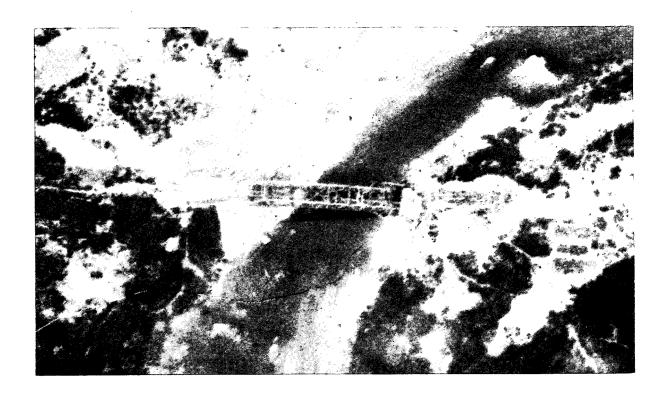
MATERIAL Steel truss with Concrete abutments

NO. OF SPANS 1 LENGTH OF EACH SPAN 140' (approx.)

STATUS:

One end of span dropped and one abutment severly damaged.

COMPENSATIVE ACTION: Ford



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Approved For Release 2000/14410 ENTAINDP78T05161A001600020001-0

	CIA IM.	AGERY ANALYSIS DIVISION	
N	Rao Qua Hwy. Br. Bridge No. 42 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 27N - 105 18E WF 318 405
5X1			BRIEF NO:
	MAP AMS L509 NE 48-7		65054

LOCATION:

1.2 N.M. S.W. of Rao Qua on route 8

DESCRIPTION:

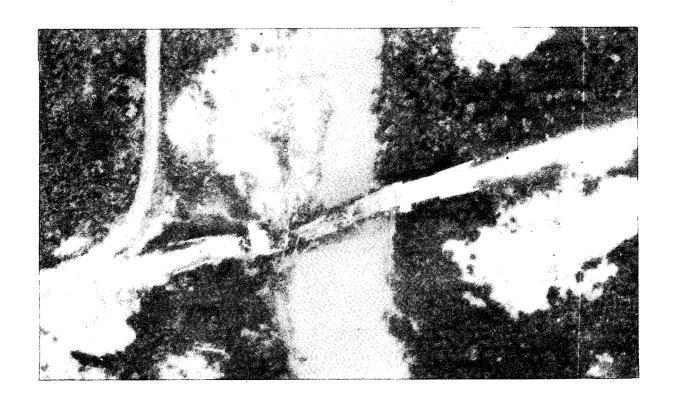
WIDTH 15'
TYPE Deck

MATERIAL WOOD NO. OF SPANS 3 LENGTH OF EACH SPAN 1-105'. 1-30', 1-25'

STATUS:

The 105' and the 30' spans destroyed.

compensative action: Ford.



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	CIA IMAGER	RY ANALYSIS DIVISION	
25X1	stream Bridge No. 4 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 59N - 105 51E WE 891895
25X1	MAP AMS L509 NE 48-11		BRIEF NO: PIB 65055 May 1966

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

DESCRIPTION:

width
type
Dook

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

STATUS:

25X1

One span destroyed; other two spans dropped and out of alignment.

COMPENSATIVE ACTION:

Ford



Excluded from outor Approved For Release 2002/08/12 CIA-RDP78T05161A001600020001-0 CONFIDENTIAL

Approved For Release 2002/45/10 EQ14-FADP78T05161A001600020001-0

	CIA IMA	AGERY ANALYSIS DIVISION	
	nan Hoa Doumer Br. ridge No. 7 on NE 48-3	North Vietnam	COORDINATES 19 50N - 105 47E WG 837 935
25X1	AMS L509 NE 48-3		BRIEF NO: 65056

LOCATION:

1.8 N.M.N.E. of Than Hoa on the Hanoi-Vinh Rail Line

DESCRIPTION:

LENGTH WIDTH

530'

Single track, single lane NO. OF SPANS 2 Through Truss

Steel and Concrete

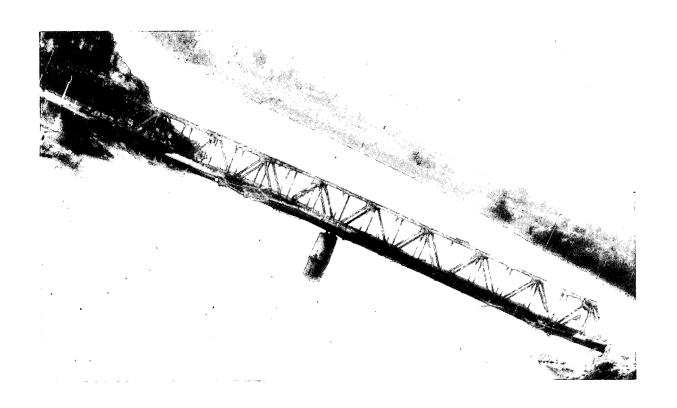
LENGTH OF EACH SPAN 265'

STATUS:

Bridge decking heavily damaged, bridge is unserviceable.

COMPENSATIVE ACTION:

None



CIA IMAGERY ANALYSIS DIVISION			
Than Hoa Doumer Br. Bridge No. 7 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 50N - 105 47E WG 837 935	
		BRIEF NO:	
MAR AMS L509 NE 48-3		65057	

LOCATION:

25X1

1.8 N.M.N.E. of Than Hoa on the Hanoi-Vinh Rail Line.

DESCRIPTION:

LENGTH WIDTH

5301 Single track, single lane NO. OF SPANS 2

Steel and Concrete MATERIAL

LENGTH OF EACH SPAN 265'

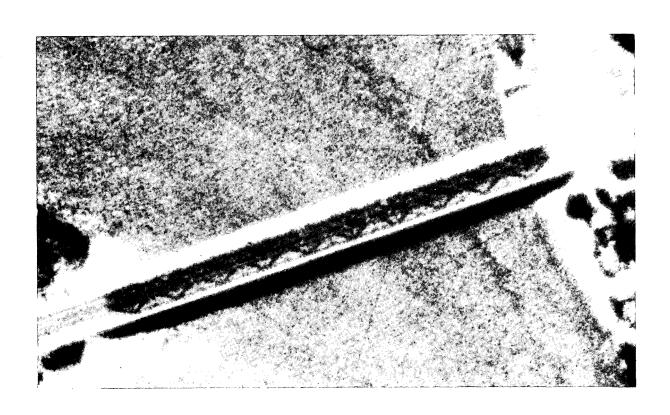
STATUS:

TYPE

Pre-strike

Through truss

compensative action: \mathbb{N}/\mathbb{A}



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		CIA IMAGER	RY ANALYSIS DIVISION	<u>-</u>
•	NAME	Thanh Hoa Doumer Br. Bridge No. 7 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 50N - 105 47E WG 837 935
25X1		Dirage No. On NE 40-3	MOLCII A TE CHISTII	BRIEF NO:
	MAP	L509 NE - 48-3		65058

LOCATION:

1.8 N.M. N.E. of Than Hoa on the Hanoi-Vinh Rail Line

DESCRIPTION:

LENGTH 5301

width Single track

Through truss

NO. OF SPANS 2 LENGTH OF EACH SPAN

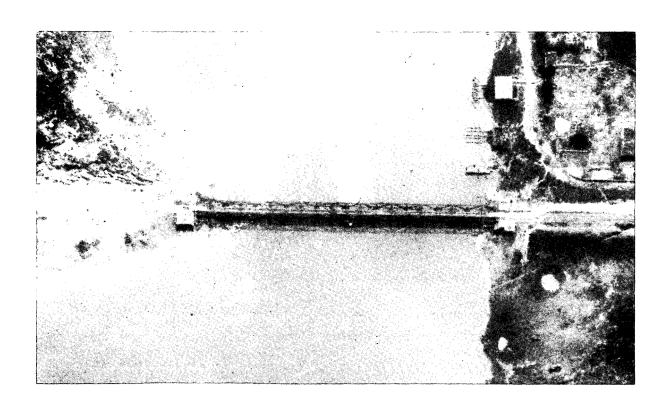
Steel and Concrete

265

STATUS:

Serviceable

compensative action: \mathbb{N}/A



Approved For Release 20(20) FINT-FAIP78T05161A001600020001-0

•	CIA IMAGERY ANALYSIS DIVISION				
-		rong Ḥighway Bridge ge No. 7 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 51N - 105 48E WE 853735	
25X1[MAP	AMS L509 NE 48-11		BRIEF NO: October 1965 PIB - 65059	
25X1	LOCATION: DESCRIPTION: LENGTH WIDTH TYPE	0.6 N.M. South of La Tron Approx.10' Probable Half-through Tru	MATERIAL Steel W	rith wood decking	 25X1
	STATUS:	Destroyed, abutments appeadestroyed.	ar intact center pier	heavily damaged or	
	COMPENSATIVE	ACTION: Ford 200! to Wort	of bridge		



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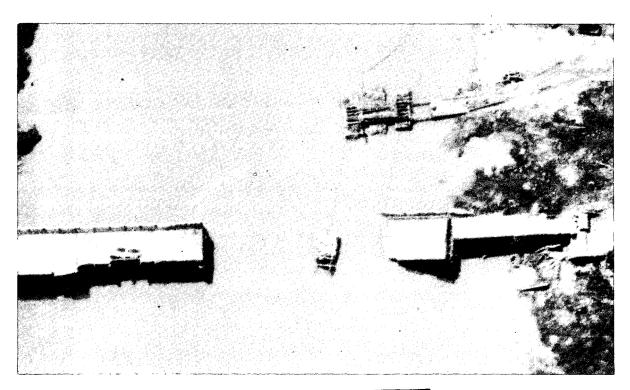
Approved For Release 2002/@/14 F | DE | RPP | BT05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES 19 OON - 105 35E Ly Nhan Highway Bridge Bridge No. 3 on NE 48-3 North Vietnam WG 618 020 BRIEF NO: 25X1 NE 48-3 AMS L509 PIB - 65060 MAP LOCATION: 1.0 N.M. W. of Ly Nhan on Rt. 1 DESCRIPTION: LENGTH Concrete WIDTH 25X1 TYPE LENGTH OF EACH SPAN Deck

STATUS:

Two spans destroyed, two spans damaged, one abutment damaged and one pier damaged.

COMPENSATIVE ACTION: Pontoon Bridge constructed adjacent to damaged bridge.





Approved For Release 2002/6914FIDENTIFABT05161A001600020001-0

Approved For Release 2002/08% REAR-RDP78T05161A001600020001-0

25X1

CIA IMAGERY ANALYSIS DIVISION				
NAME Ly Nhan Highway Bridge Bridge No. 3 on NE 48-3	North Vietnam	COORDINATES 19 00N - 105 35E WG 618020		
MAP AMS L509 NE 48-3	BRIEF NO: PIB - 65061			

LOCATION: 1.0 nm W. of Ly Nhan on Route 1.

DESCRIPTION:

25X1 LENGTH 4001

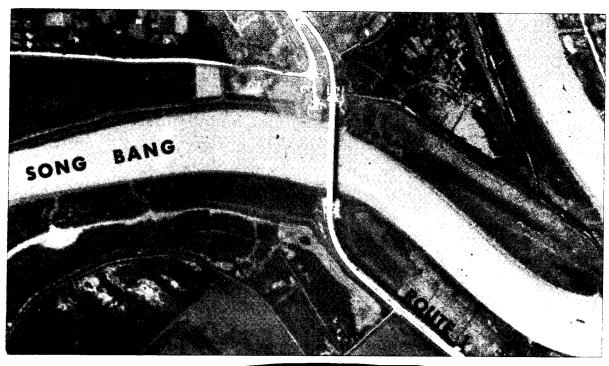
25X1

MATERIAL Concrete
NO. OF SPANS
LENGTH OF EACH SPAN 80'

status: Pre-strike

compensative action: \mathbb{N}/\mathbb{A}

N/A





Approved For Release 2002008/#2012014FR0P78T05161A001600020001-0

CIA IMA	GERY ANALYSIS DIVISION	
NAME Dong Bai Railroad Bridge Bridge No. 11 on NE 48-7	COUNTRY North Vietnam	18 09N - 105 43E WF 762079
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65062

LOCATION: O.4 nm East of Dong Bai on Vinh-Dong Hoi R.R.

DESCRIPTION:

25X1

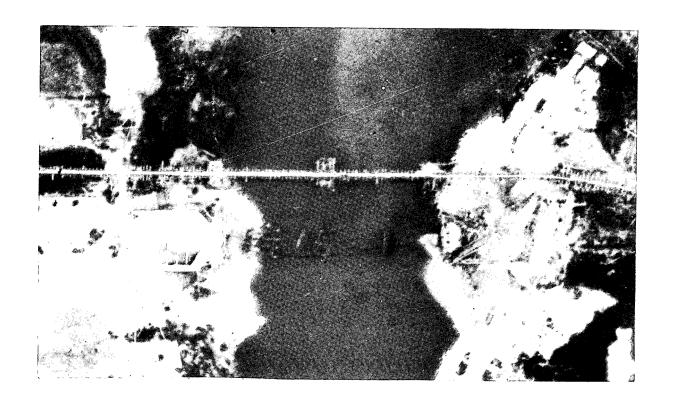
25X1

LENGTH		
WIDTH	Single Track	
IYPE	Probable deck	girder

MATERIAL	Concrete abutment.	Probable Steel
NO. OF SPANS	Probable 5	and Wood
LENGTH OF EA	ACH SPAN	25X1

STATUS: Old Bridge destroyed only one abutment is still standing.

COMPENSATIVE ACTION: A temporary bridge, approximately 200 feet long, single track, deck type, of wood construction. There are two abutments and one center pier, all are probably wood. The four spans are each approximately 50 feet in length. Track at one end not complete.



Approved For Release 20(27)(\$F|2) [QAT-FAT]P78T05161A001600020001-0

CIA IMAI	GERY ANALYSIS DIVISION	
Ban Vat Highway Bridge Bridge No. 18 on NF 48-10	North Vietnam	COORDINATES 21 O2N - 104 19E VJ 295 274
25X1 AMS L509 NF 48-10	•	BRIEF NO: October 1965 PIB - 65063

LOCATION:

1.1 N.M. East of Ban Vat on Rte. 6

DESCRIPTION:

LENGTH WIDTH 160' approx.

MATERIAL

Concrete and steel

25' approx. No. of spans 2

TYPE

half-through truss and deck LENGTH OF EACH SPAN 1-100', 1-60'

STATUS:

The 100' truss span destroyed, 1 abutment damaged.

COMPENSATIVE ACTION:

Ford 400' North of destroyed bridge.



Approved For Release 2002014 PD 14 RD 178T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES 20 58N - 103 33E Ban Na Hin Highway Bridge Bridge No. 1 on NF 48-14 UJ 490 180 North Vietnam BRIEF NO: 25X1 October 1965 AMS L509 NF 48-14 PIB - 65064 MAP LOCATION: 0.3 N.M. N.W. of Ban Na Hin on Rte. #44A

DESCRIPTION:

approx. 50' LENGTH 25X1 WIDTH probable deck

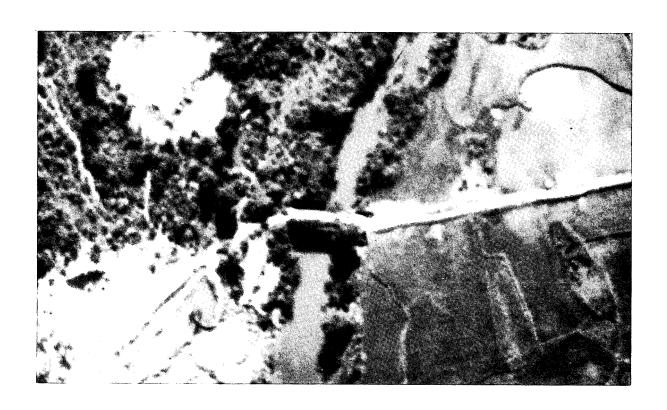
Wood NO. OF SPANS LENGTH OF EACH SPAN 501

STATUS:

Pre-strike, undamaged

COMPENSATIVE ACTION:

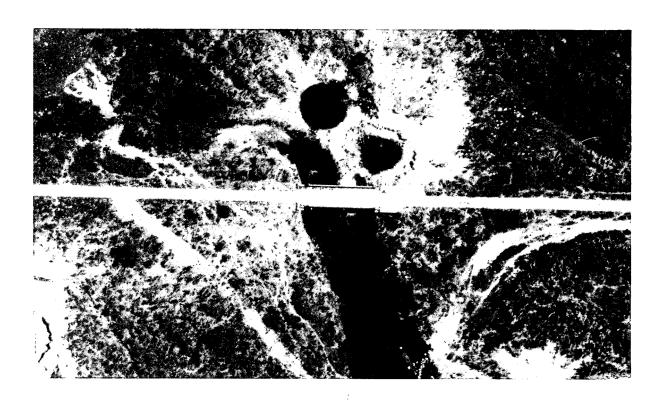
NA



Approved For Release 2002/03/12-1614-RDR78T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES 17 50N - 106 06 Dong Tam Hwy. Br. Bridge #18 on NE 48-11 North Vietnam XE 166 714 25X1 BRIEF NO: AMS L509 NE 48-11 PIB- 65065 MAP LOCATION: 0.3 N.M. S.W. of Dong Tam on abandon R.R. DESCRIPTION: 50' approx. MATERIAL Wood, concrete abutments LENGTH 25X1 WIDTH NO. OF SPANS LENGTH OF EACH SPAN 50' approx. deck STATUS: Light damage to timber decking.

COMPENSATIVE ACTION: None

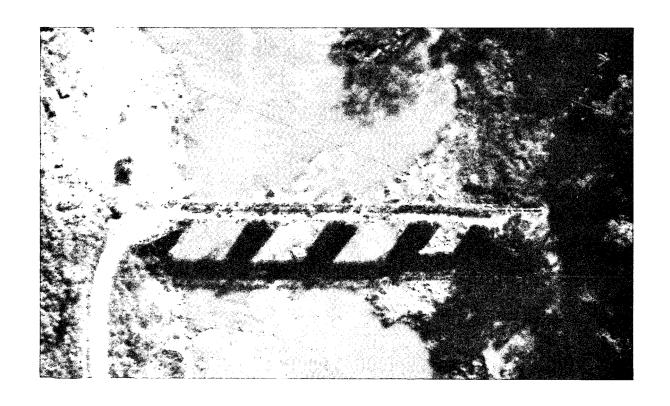


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Approved For Release 20600510ENTALADP78T05161A001600020001-0

		CIA IMAGEF	RY ANALYSIS DIVISION	
N		a Hon Highway Bridge	COUNTRY	COORDINATES UK 238 094
	Bridg	ge No. 2 on NF 48-9	North Vietnam	21 46N - 103 17E
X1 🗍				BRIEF NO: October 1965
	MAP	AMS L509 NF 48-9		PIB - 65066
ī	LOCATION:	0.6 Nautical miles south	of Ban Pa Hon on Rte.	. 6
	DESCRIPTION:			
X1	LENGTH WIDTH	TO, abbrox.	material Wood, steel	, and concrete
	TYPE	Half through truss	LENGTH OF EACH SPAN	
s	STATUS:	Pre-strike photo - undamag	ed - serviceable	

COMPENSATIVE ACTION: NA

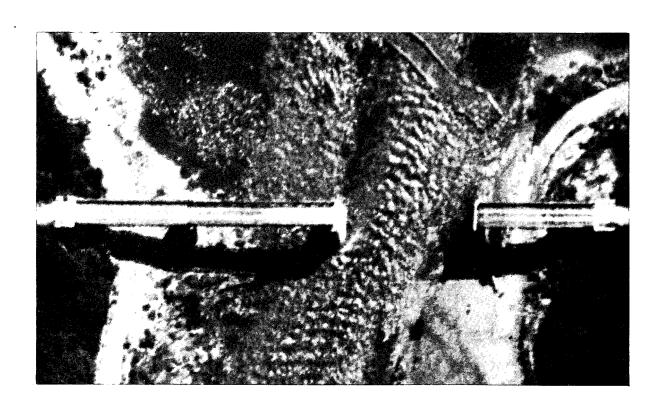


Approved For Release 206006710 FOIT ADP78T05161A001600020001-0

Approved For Release 20**(2)08FIDE01A-IAI**P78T05161A001600020001-0

	CIA IMAC	GERY ANALYSIS DIVISION	
Xom Ca Trang Bridge No. 3		COUNTRY North Vietnam	COORDINATES 17 57N - 105 49E WE 865 855
MAP AMS L509	NE 48-11		BRIEF NO: October 1965 PIB - 65068
LOCATION:	W. of Xom Ca T	i	crete and steel
TYPE Deck		NO. OF SPANS 4	
	ropped, all pie	ers and abutments appea	r intact.

Ford approximately 400 feet west of damaged bridge.



Approved For Release 206208F12ENTIADP78T05161A001600020001-0

Approved For Release 20**6206F1DE01A-IAD**P78T05161A001600020001-0

		CIA IMAGER	RY ANALYSIS DIVISION	···
_	N AME	Lang Quanch - Ngoai R.R. Br. Bridge #4 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 54N - 104 40E VK 663 217
25X1	MAP	AMS L509 NF 48-10		BRIEF NO: October 1965 PIB - 65070

LOCATION:

At Lang Quanch Ngoai on the Hanoi-Lao Cai Rail Line

DESCRIPTION:

LENGTH WIDTH 801

single track

TYPE deck

MATERIAL Wood, concrete abutments

NO. OF SPANS $oldsymbol{1}$

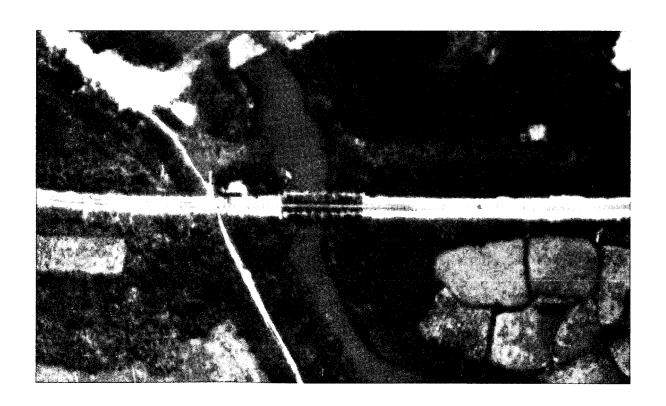
LENGTH OF EACH SPAN 80'

STATUS:

Pre-strike

COMPENSATIVE ACTION:

None



Approved For Release 20(27)(4)(12)[047-74]P78T05161A001600020001-0

	CIA IMA	GERY ANALYSIS DIVISION	
_	NAME	COUNTRY	COORDINATES
	Phuc Thiem Hwy. Br.		18 57N - 105 34E
	Bridge No. 2 on NE 48-7	North Vietnam	WF 602 965
5X1			BRIEF NO:
			October 1965
_	MAP AMS L509 NE 48-7		PIB - 65073

LOCATION:

1.0 N.M. West of Phuc Thiem on route 7.

DESCRIPTION:

LENGTH WIDTH

60' approx.

10' approx. Temporary

MATERIAL WOOD

NO. OF SPANS Undetermined

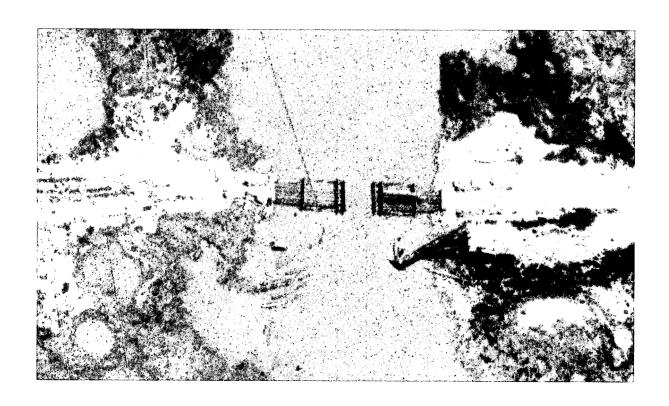
LENGTH OF EACH SPAN undetermined.

STATUS:

TYPE

Under construction, as a replacement for previously destroyed bridge.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION				
NAME	COUNTRY	COORDINATES		
Som Hang R.R. Br. Bridge No. 3 on NF 48-10	North Vietnam	21 44N - 104 50E VK 836 040		
		BRIEF NO:		
MAP AMS L509 NF 48-10		PIB - 65069		

LOCATION:

0.2 N.M. W. of Som Hang on Yen Bay - Lao Cai R.R.

DESCRIPTION:

LENGTH WIDTH TYPE

95' approx. single-track

half-through truss

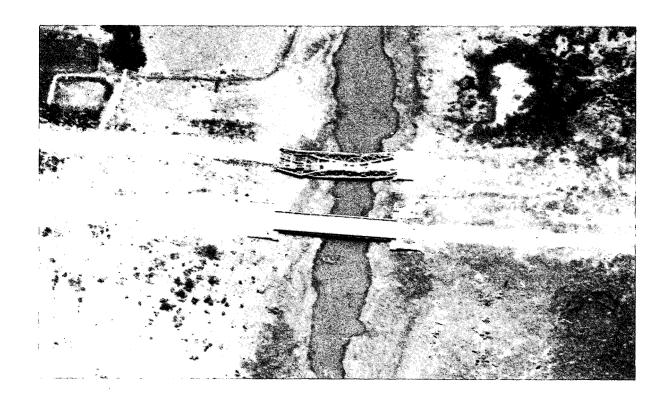
MATERIAL steel with concrete abutments NO. OF SPANS

LENGTH OF EACH SPAN 95'

STATUS:

One end of span dropped, truss severly damaged, abutments undamaged, adjacent highway bridge is undamaged.

COMPENSATIVE ACTION:



25X1

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		CIA IMAGER	RY ANALYSIS DIVISION	
	NAME		COUNTRY	COORDINATES
_		Xom Ca Trang Hwy. Br. II Bridge No. 17 on NE 48-11	North Vietnam	17 57N - 105 49E WE 861 859
25X1				BRIEF NO:
•	MAP	L509 NE 48-11		PIB - 65071

LOCATION: 0.8 N.M. N.W. of Xom Ca Trang on route 12

DESCRIPTION:

width 150'

through-truss

MATERIAL Steel

NO. OF SPANS probably 3

STATUS:

All 3 spans destroyed, 2 piers severly damaged, abutments appear undamaged.

compensative action: Ford approximately 800' east of bridge.



Approved For Release 2002/03/12 FIGURE 105161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION				
NAME	Hoa Binh Hwy. Br. Bridge No. 19 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 51N - 106 26E XE 523 740	
			BRIEF NO:	
MAP	AMS L509 NE 48-11		PIB-65072	

LOCATION:

25X1

0.6 N.M. south of Hoa Binh on route 1

DESCRIPTION:

30' approx. LENGTH WIDTH

MATERIAL 15' approx. NO. OF SPANS $oldsymbol{1}$

TYPE Deck LENGTH OF EACH SPAN 301

Concrete

STATUS:

South end of span dropped, south abutment damaged.

COMPENSATIVE ACTION: A by-pass timber bridge has been erected.



Approved For Release 2002/05/17 IDENTIFOR 8T05161A001600020001-0

	CIA IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Hung Nhan Hwy. Bridge		18 04N - 106 18E
Bridge No. 34 on NE 48-7	North Vietnam	XE 371981
X1		BRIEF NO:
		PIB - 65074
MAP AMS L509 NE	48-7	October 1965

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

DESCRIPTION:

25X1

WIDTH TYPE Deck

NO. OF SPANS 6
LENGTH OF EACH SPAN 30'

Concrete abutments, wooden 6 deck

STATUS:

3 spans destroyed

COMPENSATIVE ACTION: Ford



Approved For Release 2002 (13 N F |: DEA-R DR 78 T 05 16 1 A 00 16 00 0 2 0 0 0 1 - 0

_		CIA IMA	GERY ANALYSIS DIVISION	
-	NAME		COUNTRY	COORDINATES
	Qui Trink	n Hwy. Bridge	j	17 12N - 106 43E
	Bridge No	o. 13 on NE 48-12	North Vietnam	XE 830034
X1[BRIEF NO:
, , ,				PIB - 65075
_	MAP	AMS L509 NE 48-12		October 1965
	LOCATION:	0.4 nm S.W. of Qui Trir	nh on Route 101	, ,
	DESCRIPTION	v :		
	LENGTH	60'	MATERIAL	Concrete
X1	WIDTH		NO. OF SPANS	Probably 2
, , ,	TYPE	Deck	LENGTH OF EACH SPAN	30'

STATUS: The ends of both spans are moderately damaged, both abutments damaged.

COMPENSATIVE ACTION: None

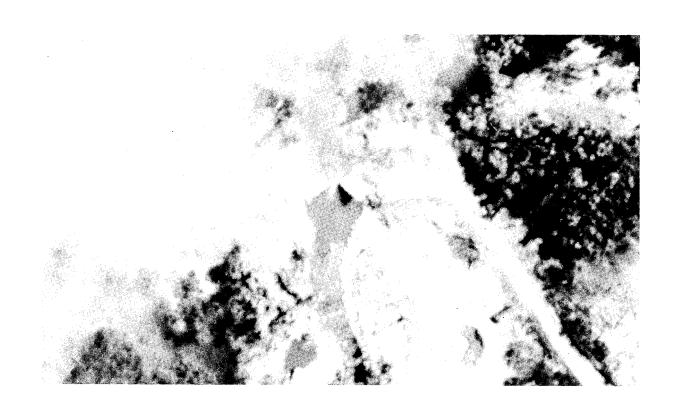


Approved For Release 2002/04/12 DEN 17/08/

	CIA IMAG	GERY ANALYSIS DIVISION		
	NAME	COUNTRY	COORDINATES	
	Ban Pan Yang Hwy. Bridge Bridge No. 14 on NF 48-9	North Vietnam	21 27N - 103 04E TJ 999757	
25X1			BRIEF NO: PIB - 65076	-
	MAP AMS L509 NF 48-9		October 1965	
25X1	DESCRIPTION:	MATERIAL	Concrete	
20/(1	width TYPE Deck	NO. OF SPANS LENGTH OF EACH SPAN	Probably 2	25X1

STATUS: Both spans destroyed, abutments are intact.

compensative action: Ford 30 feet south of bridge.

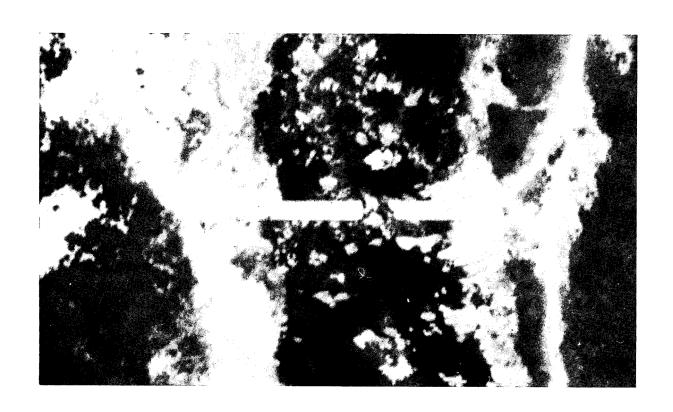


Approved For Release 200@00172 DEMTRIAP78T05161A001600020001-0

			CIA IMAGER	RY ANALYSIS DIVISIO	N		
	NAME		_	COUNTRY		COORDINATES	
		g II Hwy Bridge 10.5 on NE 48-7		North Vietnam		18 26N - 105 15E WF 254386	
25X1						BRIEF NO: PIB - 65077	
	MAP	AMS L509	NE 48-7			October 1965	
	LOCATION:	1.2 nm W.S.W.	of Kim Cuong	on Route 8			
	DESCRIPTIO	N:					
25X1	LENGTH WIDTH	20 '		MATERIAL NO. OF SPANS	Concre	ete	
	TYPE	Deck		LENGTH OF EACH SP	AN		25X

COMPENSATIVE ACTION: Ford

status: 40' of one span destroyed



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		RY ANALYSIS DIVISION	CIA IMAGE	CIA IMA			
-	COORDINATES	COUNTRY		NAME	-		
Œ	21 25N - 103 44E			Ban Na Ty Hwy. Bri			
	UJ 688700 BRIEF NO:	North Vietnam	30 on NF 49-10	Bridge No.30 on NI	7		
	PIB - 65078				25X1		
	October 1965		S L509 NF 48-10	LOCATION:	-		
	Concrete	MATERIAL		DESCRIPTION:	25X1		
25X ²	2	NO. OF SPANS LENGTH OF EACH SPAN	Deck	width Type Deck			
		nd of span damaged.	abutment damaged, one e	status: One abutme			
			abutment damaged, one e	реск			



Approved For Release 200**2/0ዪ/ና**4 ይ**ሉቸ**ዋል **ይ**78T05161A001600020001-0

	CIA IMAG	ERY ANALYSIS DIVISION	
	N AME	COUNTRY	COORDINATES
	Ban Pom Lot Hwy. Bridge Bridge No. 1 on NF 48-9	North Vietnam	21 17N - 103 00E TJ 934560
5X1		•	BRIEF NO:
J/\ I			PIB - 65079
	MAP AMS 1,509 NF 48-9		1_October 1965

LOCATION:

DESCRIPTION:

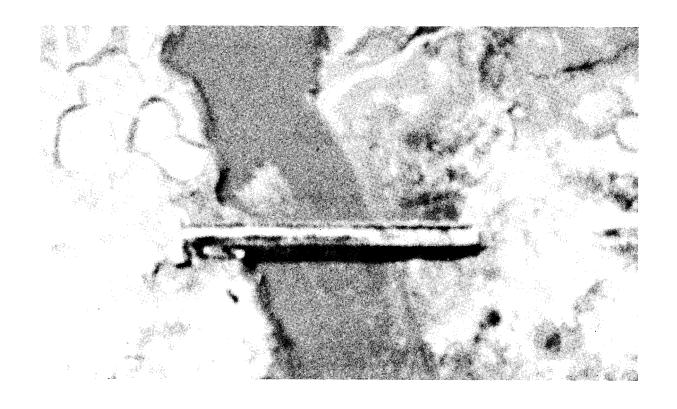
25X1

width 260'
WIDTH Half-through truss

MATERIAL Steel and Concrete NO. OF SPANS 3 (Continuious) LENGTH OF EACH SPAN 1-170', 2-45'

STATUS: One end of bridge knocked off abutment, truss severly damaged, one pier and both abutments damaged.

COMPENSATIVE ACTION: None



Approved For Release 200@0170 EMTREP78T05161A001600020001-0

MAGERY ANALYSIS DIVISION	•
COUNTRY	COORDINATES 21 32N - 103 21E
North Vietnam	UJ 293826
	PIB - 65080 October 1965
	MAGERY ANALYSIS DIVISION COUNTRY North Vietnam

LOCATION: 1.0 nm S.W. of Ban Veng on Route 6

DESCRIPTION:

25X1

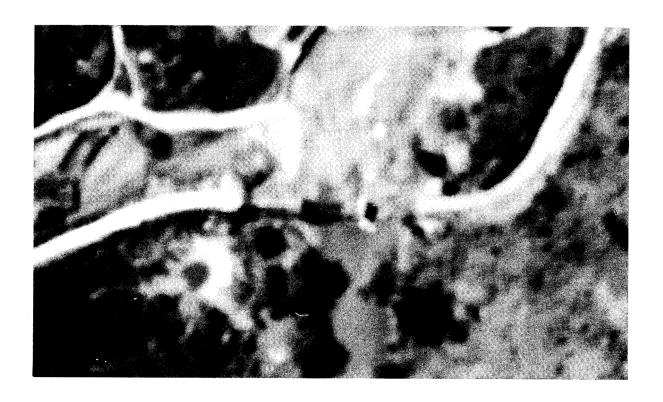
LENGTH

150' approx.

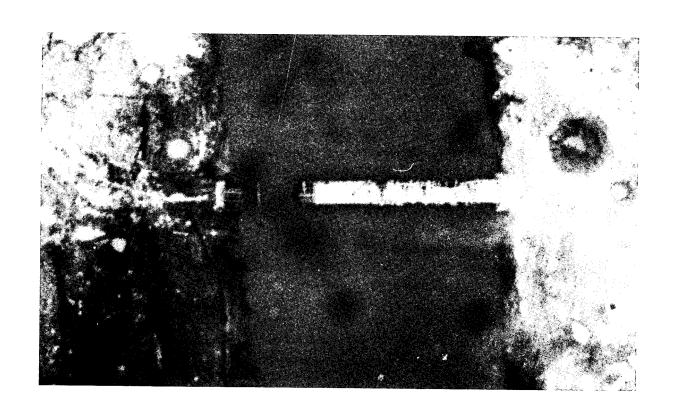
MATERIAL CONC
NO. OF SPANS
3
LENGTH OF EACH SPAN 50' Concrete

 $\ensuremath{^{\text{STATUS:}}}$ Center and one end span destroyed, abutments and piers intact.

COMPENSATIVE ACTION: Ford 150 feet south of bridge.



	Approved For Release 2002/	08/1 §E@RE RDP78T05161	1A001600020001-0	
				25X1
		GERY ANALYSIS DIVISION		
	Ban Na Ty Hwy. Bridge Bridge No. 6 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 12N - 106 49E XE 942020	
25X1	MAP AMS 1509 NF 48-12 . LOCATION: 0.4 nm N.W. of My Hos on F	Route 101	BRIEF NO: PIB - 65081 October 1965	
25X1	DESCRIPTION: LENGTH WIDTH TYPE Deck	MATERIAL NO. OF SPANS LENGTH OF EACH SPAN	Timber 6	25X1
	status: Two spans destroyed, 4 span	s damaged.		
	compensative action: None			



Approved For Release 2002/03/17 DEMTRAP78T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Nhi Thuyen Hwy. Bridge Bridge No. 18 on NE 48-12		17 25N - 106 36E	
Bridge No. 18 on NE 48-12	North Vietnam	XE 702268	
		BRIEF NO:	
		PIB - 65082	
MAP AMS L509 NE 48-12		October 1965	

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

DESCRIPTION:

25X1

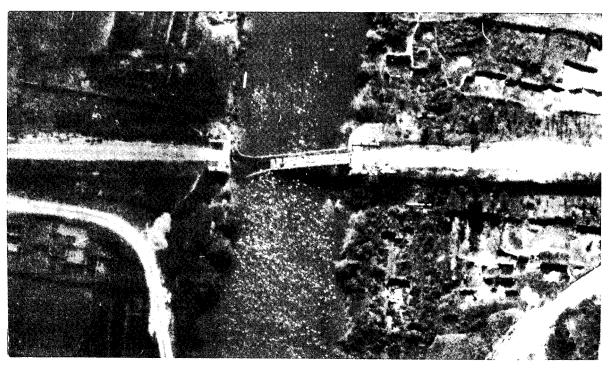
LENGTH 105'

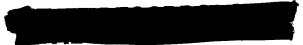
width 101 TYPE

Half-through truss

MATERIAL Steel and concrete with timber deck NO. OF SPANS 1 LENGTH OF EACH SPAN 105'

STATUS: One end of span dropped, 25' of span destroyed.





Approved For Release 20(20) | PAP | PAP | 78T05161A001600020001-0

Approved For Release 200 (20) 17 DEM 78 105161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION			
NAME Bai Xa Hwy. Bridge Bridge No. 16 on NE 48-2	COUNTRY North Vietnam	coordinates 19 08N - 104 42E VG 681160	
MAP AMS 1.509 NF 48_2		BRIEF NO: PIB - 65083 October 1965	

LOCATION: 1.0 nm S.W. of Bai Xai on Route 7

DESCRIPTION:

25X1

25X1

width
TYPE

LENGTH

100'

Deck

MATERIAL Timber and Concrete
No. of Spans Probable 5
LENGTH OF EACH SPAN 20'

STATUS: Completely destroyed

COMPENSATIVE ACTION: Causeway and culvert under construction 250'E.



Approved For Release 2002/08/17 DEW-RAP78T05161A001600020001-0

CIAI	MAGERY ANALYSIS DIVISION	•
NAME Kha Phong Hwy. Bridge Bridge No. 1 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 54N - 105 16E WF 280901
MAP AMS L509 NE 48-	.7	PIB - 65084 October 1965

LOCATION: 1.0 nm S.E. of Kha Phong on Route 7

DESCRIPTION:

25X1

LENGTH 1701 TYPE

Half-through truss

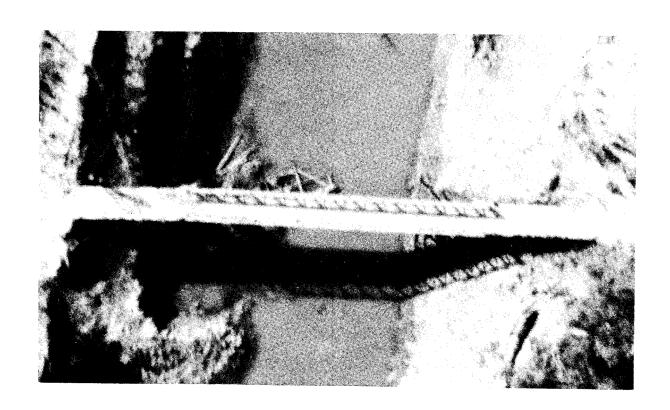
MATERIAL Steel and concrete
NO. OF SPANS 2

NO. OF SPANS 3 LENGTH OF EACH SPAN

1-110, 2-30'

STATUS: Half of truss destroyed, remainder of bridge intact.

COMPENSATIVE ACTION:



Approved For Release 200**€/03/1/2 D€M. TIME** 78T05161A001600020001-0

CIA	IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Ban Ca Nan Hwy. Bridge Bridge No. 1 on NE 48-2	North Vietnam	19 20N - 104 16E WF 241391
5X1		BRIEF NO:
		PIB - 65085
MAP AMS 1,509 NE 48-2		October 1965

LOCATIONO.5 nm N.W. of Ban Ca Nan on Route 7

DESCRIPTION:

25X1

WIDTH 130'
WIDTH Half-through truss

MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 130'

STATUS: Span destroyed, one abutment destroyed



Approved For Release 2002/08/120 ENTRAP78T05161A001600020001-0

LOCATION: 0.7 nm S of Hoa Duyot on Vinh-Dong Hoi RR.

DESCRIPTION:

25X1

25X1

WIDTH 40' approx.
TYPE 10' approx.

Deck

MATERIAL Steel and concrete NO. OF SPANS 1 LENGTH OF EACH SPAN 401 approx.

STATUS:

Span partially damaged; approaches interdicted.

COMPENSATIVE ACTION:

None.





Approved For Release 2002/08/12: CIA-RDP78T05161A001600020001-0

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

DESCRIPTION:

25X1

25X1

WIDTH 40' approx.
10' approx.
Type Deck

MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 201

STATUS:

One span destroyed, approaches interdicted.

COMPENSATIVE ACTION:

Ford.



Approved For Release 200**2/04/17 DEMTRIAN**78T05161A001600020001-0

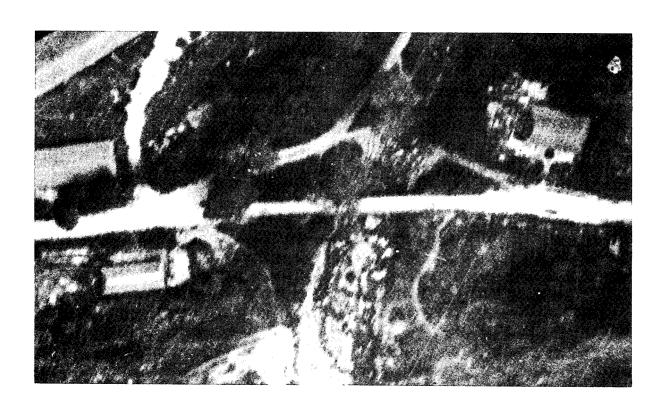
	CIA IMAGERY ANALYSIS DIVISION NAME COUNTRY COORDINATES			
	Ban Ta Xa Hwy. Bridge Bridge No. 15 on NE 48-2	North Vietnam	19 18N - 104 20E VG 305334	
25X1	MAP AMC TEOO NE /		BRIEF NO: PIB - 65088 October 1965	-
	AMS 1509 NE Z			······································
25X1	LENGTH WIDTH TYPE Deck	MATERIAL CON NO. OF SPANS 3 LENGTH OF EACH SPAN	crete	25X
	status: One end of one span	dropped, one abutment dama	ged.	



Approved For Release 200**2/09/17/ DEM-TIAP**78T05161A001600020001-0

Approved For Release 200**2.0 N F2 D ENTRAP**78T05161A001600020001-0

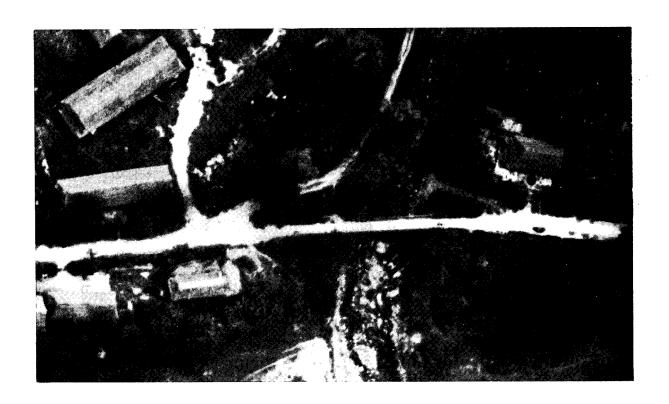
	CIA IMAGER	RY ANALYSIS DIVISION		
	NAME	COUNTRY	COORDINATES	
	Ban Houei Giang Hwy. Bridge Bridge No. 13 on NE 48-2	North Vietnam	19 23N - 104 09E VG 107450	
25X1			BRIEF NO: PIB - 65089	_
	MAP AMS L509 NE 48-2		October 1965	
	LOCATION:			.
	DESCRIPTION:			
25X1	LENGTH IO' TYPE Deck	MATERIAL NO. OF SPANS LENGTH OF EACH SPAN	Timber 5	25X1
	status: 2 spans destroyed, 1 abutment	destroyed		



Approved For Release 200**2031F1DENTRAL**78T05161A001600020001-0

Approved For Release 200@0472 DEMTRAP78T05161A001600020001-0

	CIA IMA	GERY ANALYSIS DIVISION		•
	NAME	COUNTRY	COORDINATES	
	Ban Houei Giang Hwy. Bridge		19 23N - 104 09E	
	Bridge No. 13 on NE 48-2	North Vietnam	VG 107450	
25X1			BRIEF NO:	
20/(1			PIB - 65090	
	MAP AMS L509 NE 48-2		October 1965	
	Location: At Ban Houei Giang on F	Route 7		
	DESCRIPTION:			
25X1	LENGTH	MATERIAL Tim	ber	
	WIDTH	no. of spans Pro	<u>bablv 5</u>	
	Deck	LENGTH OF EACH SPAN		25X
	status: Pre-strike			
	COMPENSATIVE ACTION:			



Approved For Release 200 2/04/17 DC147RAP78T05161A001600020001-0

CIA	IMAGERY ANALYSIS DIVISION	
Hou Bang Hwy. Bridge Bridge No. 3 on NE 48-7	North Vietnam	COORDINATES 18 31N - 105 29E WF 513468
		BRIEF NO:
MAP AMS L509 NE 48-7		PIB - 65091

LOCATION: 0.5 nm S.E. of Hou Bang on Route 8

DESCRIPTION:

25X1

LENGTH 160' approx.

WIDTH 15

Half-through truss

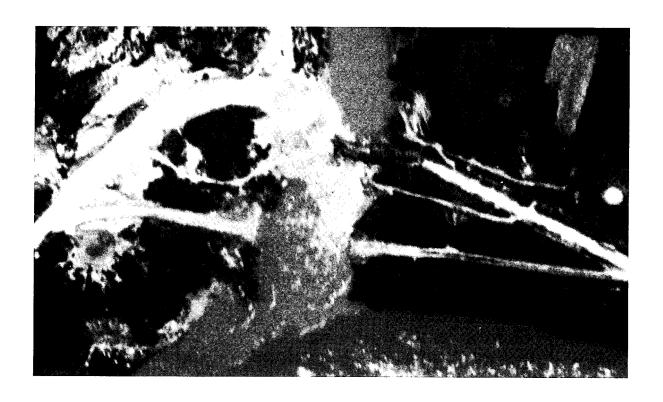
MATERIAL Steel, concrete abutments

NO. OF SPANS 2 LENGTH OF EACH SPAN

801

STATUS:

Both spans destroyed, 1 abutment and 1 pier destroyed



Approved For Release 200**ሮ/ዐል/ና**4 ይ**ር ሴት የተ**ጀመደ 105161A001600020001-0

CIA I	MAGERY ANALYSIS DIVISION	-
Loc Dien Hwy. Bridge Bridge No. 12 on NE 48-11	North Vietnam	17 45N - 106 23E XE 471639
MAP AMS L509 NE Z811		BRIEF NO: PIB - 65092 October 1965

LOCATION:

25X1

At Loc Dien on Route 110

DESCRIPTION:

WIDTH 45!

TYPE Deck

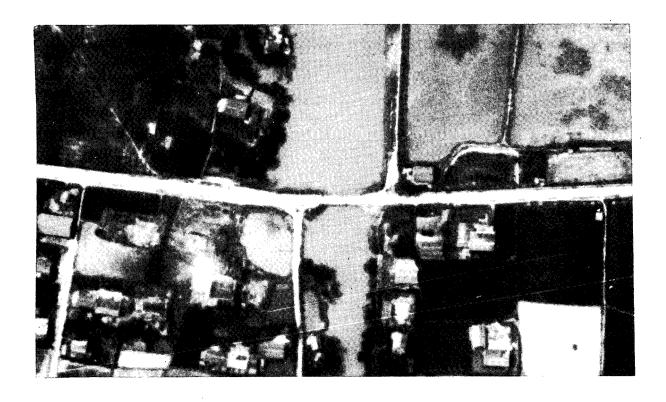
MATERIAL Timber

NO. OF SPANS 3 LENGTH OF EACH SPAN 15!

STATUS: Pr

Pre-strike

COMPENSATIVE ACTION:



Approved For Release 2002/09/172 DCIN-77/28705161A001600020001-0

CIA IA	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Loc Dien Hwy. Bridge Bridge No. 12 on NE 48-11	North Vietnam	17 45N - 106 23E XE 471639
		BRIEF NO:
		PIB - 65093
MAP AMS L509 NE 48-11		October 1965

LOCATION: At Loc Dien on Route 110

DESCRIPTION:

25X1

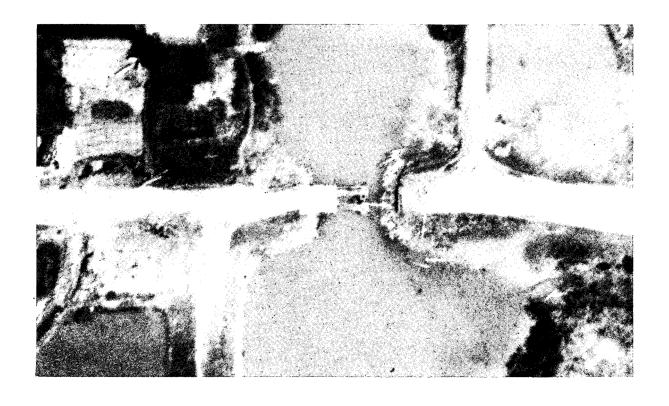
WIDTH 10 TYPE Deck

MATERIAL Timber
NO. OF SPANS
LENGTH OF EACH SPAN 15!

STATUS: One span destroyed, one span severely damaged

COMPENSATIVE ACTION:

None



Approved For Release 200@04170EM7RAP78T05161A001600020001-0

CI	A IMAGERY ANALYSIS DIVISION	
Yen Lang Hwy. Bridge Bridge No. 39 on NE 48-7	North Vietnam	18 59N - 105 36E WF 613998
5X1	7	BRIEF NO: PIB - 65094 October 1965
LOCATION: _		1 October 1905

1. nm N.W. of Yen Lang on Route 1A

DESCRIPTION:

25X1

 MATERIAL Steel and concrete

NO. OF SPANS 1 LENGTH OF EACH SPAN

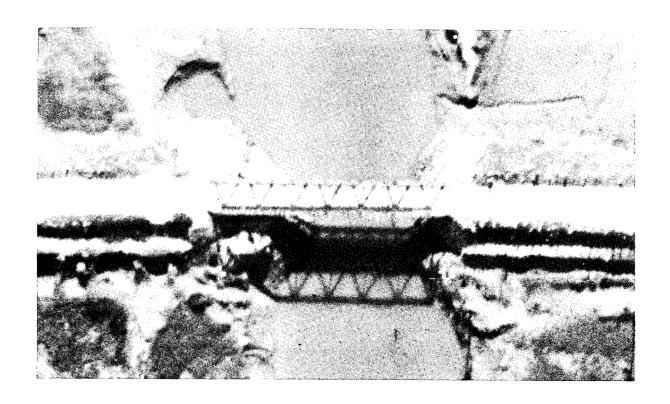
110

STATUS:

Pre-strike

COMPENSATIVE ACTION:

N/A



Approved For Release 200**ደ/ዐጓተ**ር ይ**ር ቤተ**ቸውሮ 78T05161A001600020001-0

	CIAI	MAGERY ANALYSIS DIVISION	
Yen Brie	Lang Hwy. Bridge dge No. 39 on NE 48-7	North Vietnam	18°59N°-105 36E WF 613998
25X1	P AMS 1509 NE 48-7		BRIEF NO: PIB - 65095 October 1965

LOCATION: 1. nm N.W. of Yen Lang on Route 1A

DESCRIPTION:

25X1

LENGTH 110°

Half-through truss

MATERIAL Steel and concrete

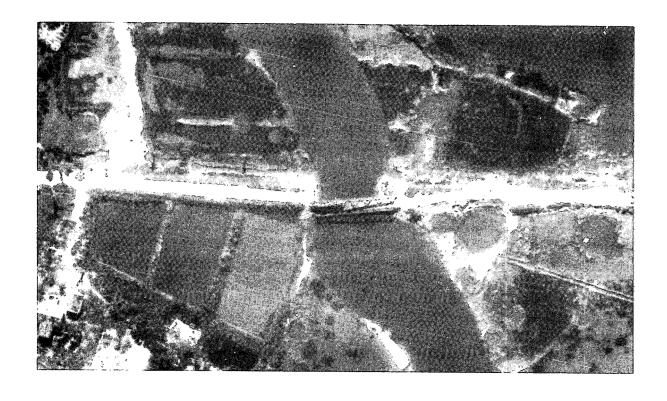
NO. OF SPANS 1 LENGTH OF EACH SPAN

110

STATUS:

Span dropped from one abutment. 1 abutment damaged.

COMPENSATIVE ACTION: By-pass bridge under construction 360' east.

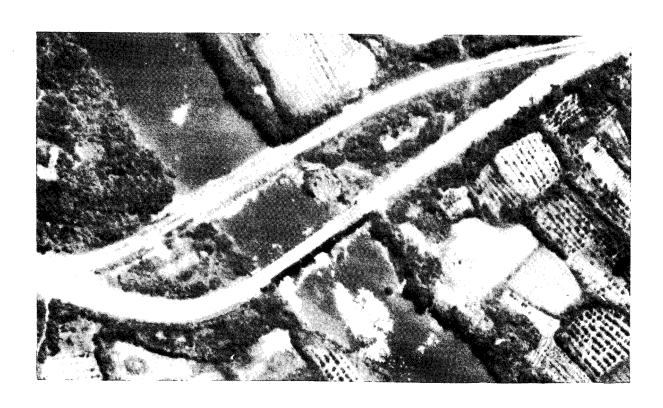


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Approved For Release 2002/08/17 DEN TRAP78T05161A001600020001-0

	CIA IMAGERY ANALYSIS DIVISION	
Trach Hau Hwy. Bridge Bridge No. 45 on NE 48-7	North Vietnam	18 02N - 106 24E XE 482948
5X1 MAP AMS L509 NE 48) r	BRIEF NO: PIB - 65096 October 1965
LOCATION: 0.5 mm S. of Track	The second secon	1 de desact 1707
DESCRIPTION: LENGTH 801	MATERIAL CONCT	rete
25X1 TYPE Deck	LENGTH OF EACH SPAN	10'
status: 2 spans damaged		

COMPENSATIVE ACTION: Bridge is under repair, by-pass causeway with culvert is in use.



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Approved For Release 2002(08) F2D CHATROP78T05161A001600020001-0

CIAI	MAGERY ANALYSIS DIVISION	
NAME Xom Phuong Hwy. Bridge Bridge No. 10 on NE 48-12	North Vietnam	17 10N - 106 55E YD 041989
MAP AMS 1509 NE 48-12		BRIEF NO: PIB - 65097 October 1965

LOCATION: 0.5 nm W of Xom Phuong on Route 1A

DESCRIPTION:

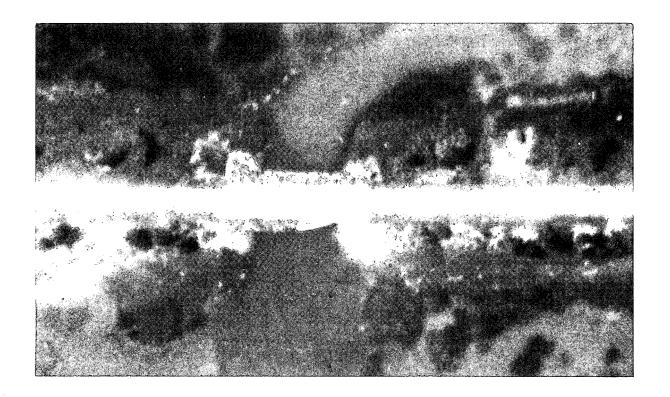
25X1

LENGTH 65 1 15 1 TYPE Deck

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 65!

STATUS: Bridge is moderately damaged but serviceable

COMPENSATIVE ACTION: No.



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CIAI	MAGERY ANALYSIS DIVISION	
Xom Phuong Hwy. Bridge II Bridge No. 22 on NE 48-12	North Vietnam	17 32N - 106 33E XE 646406
25X1	•	BRIEF NO: PIB - 65098 October 1965

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

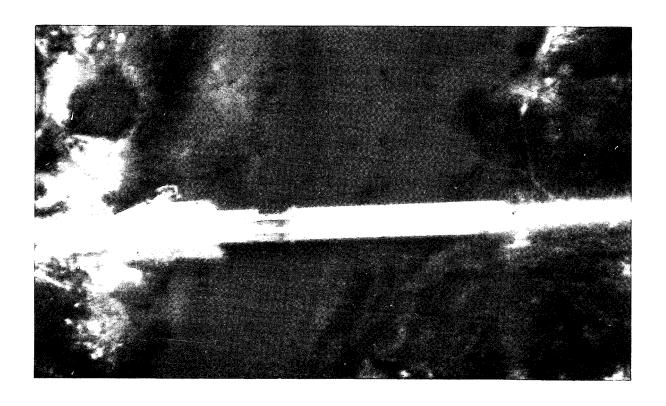
DESCRIPTION:

WIDTH 10 1 10 1 TYPE Deck

MATERIAL Concrete
NO. OF SPANS 11
LENGTH OF EACH SPAN 10 1

STATUS: 3 spans destroyed, abutment damaged

COMPENSATIVE ACTION: Two spans replaced and wood planking used as temporary replacement for third damaged span.



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CIA IMAGERY ANALYSIS DIVISION

NAME
Xom Phuong Hwy. Bridge I
Bridge No. 4 on NE 48-12

North Vietnam

BRIEF NO:
PIB - 65099
October 1965

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

DESCRIPTION:

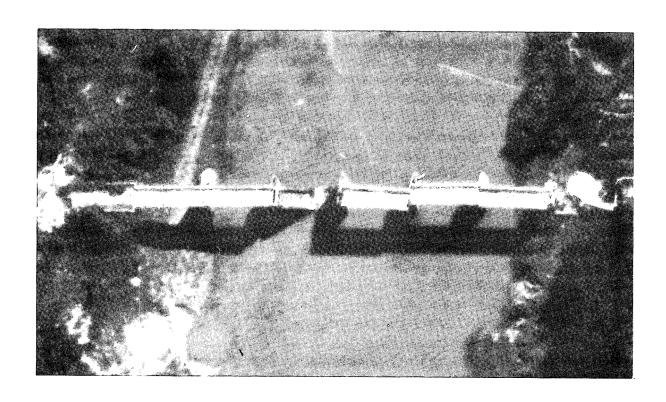
25X1

WIDTH
TYPE
Deck

MATERIAL Concrete
NO. OF SPANS 7
LENGTH OF EACH SPAN 50

STATUS: Two spans destroyed, three spans knocked out of alignment, one abutment damaged.

COMPENSATIVE ACTION:



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25X1

NAME	COUNTRY	COORDINATES
Than Yen Hwy. Bridge		17 38N - 106 31E
Bridge No. 2 on NE 48-12	North Vietnam	XE 615505
X1		BRIEF NO:
		PIB - 65100
MAP AMS 1509 NE 48-12		October 1965
LOCATION: 0.5 nm S. of Than Yen;	on Route 1A	
DESCRIPTION:	•	
1505U /00t	MATERIAL Steel	and concrete

WIDTH

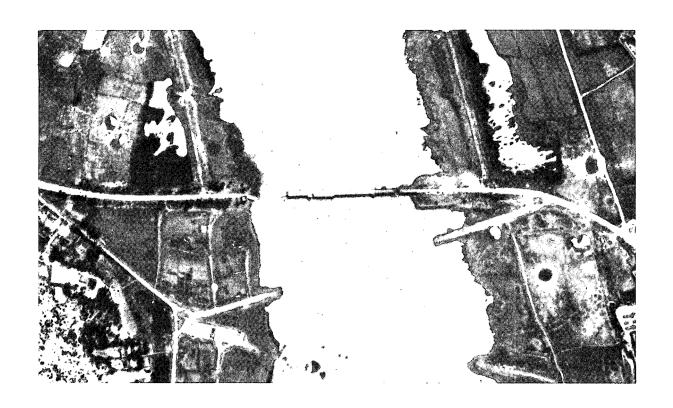
Deck and half-through truss

NO. OF SPANS 8 (6 concrete deck, 2 steel truss)

25X1

STATUS: Two concrete spans destroyed, one pier destroyed

COMPENSATIVE ACTION: Ferry site next to bridge



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	CIA IMAGERY ANALYSIS DIVISION						
•	Di Loc Hwy. Bridge Bridge No. 20 on NE 48-11	North Vietnam	COORDINATES 17 51N - 106 26E XE 528758	-			
25X1	MAP AMS L509 NE 48-11		BRIEF NO: PTB - 65101 October 1965				
•	DESCRIPTION: 0.2 nm S.W. of Di Loe on R.	oute 1A		•			
25X1	WIDTH TYPE Deck	MATERIAL CONCRET NO. OF SPANS Probably LENGTH OF EACH SPAN	2	25X1			

COMPENSATIVE ACTION: Ford 20 east of bridge

One end of bridge damaged

STATUS:



Approved For Release 200 (20) 173 D CM 173 D CM 178 D CM

	CIAI	MAGERY ANALYSIS DIVISION	
Yen Hung Hwy. E Bridge No. 48 c	Bridge on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 106 19E XE 400959
25X1 MAP AMS L509	NE 48-7	•	BRIEF NO: PIB - 65102 October 1965

LOCATION: 2.0 nm W.N.W. of Yen Hung on Route 1A

DESCRIPTION:

25X1

LENGTH

MATERIAL Concrete and Wood

status: One span destroyed

COMPENSATIVE ACTION: By-pass ford to west of bridge.



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	CIA IN	MAGERY ANALYSIS DIVISION	
NAME		COUNTRY	COORDINATES
Tho Ngo	a Hwy. Bridge		18 14N - 106 OLE
	No. 21 on NE 48-7	North Vietnam	XF 070170
X1			BRIEF NO:
			PIB - 65103
MAP	AMS L509 NE 48-7		October 1965
LOCATION	0.7 nm N.W. of The Ngos	on Route 1A	
DESCRIPTI	on:		
LENGTH	190 '	MATERIAL Concrete	
WIDTH	201	NO. OF SPANS 7	

STATUS:

4 Spans destroyed, 2 piers destroyed, abutment intact

25X1

COMPENSATIVE ACTION:

Deck



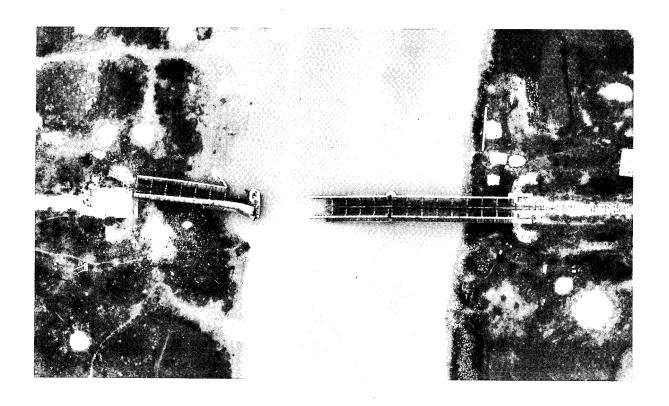
	iap R.R. Bridge	COUNTRY	COORDINATES 18 30N - 105 39E	
Bridge No	o. 38 on NE 48-7	North Vietnam	WF 623449	
X1		·	BRIEF NO: PIB - 65104	
MAP	AMS 1509 NE 48-7		October 1965	
LOCATION:	0.0 mm w. or runous ar	ap over canal on Vinh-Dor	ng Hoi Rail Line	
DESCRIPTIO	N:			
V1 LENGTH		MATERIAL Concrete	and Steel	
X1 LENGTH	701	material Concrete	e and Steel	
/ \ I	10 Deck		e and Steel	25

COMPENSATIVE ACTION:



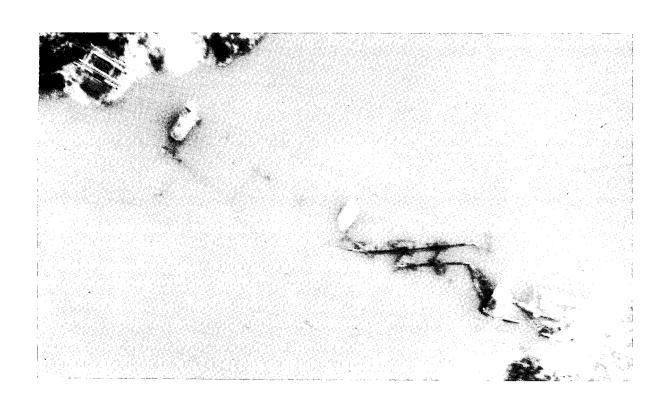
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		CIA IA	MAGERY ANALYSIS DIVISION		
	Trang Than R.R Bridge No. 6 c		North Vietnam	COORDINATES 18 58N - 105 35E WF 613978	
25X1	MAP AMS L			BRIEF NO: PIB - 65105 October 1965	
			han on Hanoi-Vinh Rail Lin		
25X1	WIDTH 201 TYPE Half-	through truss	MATERIAL Steel, NO. OF SPANS 3 LENGTH OF EACH SPAN	concrete	25X1
	STATUS: Two s	spans dropped			



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	CIA IMAGE	RY ANALYSIS DIVISION		
	NAME Trai Hoi Doumer Bridge Bridge No. 9 on NE 48-7	North Vietnam	COORDINATES 18 21N - 105 37E WF 650300	
25X1	MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65106 October 1965	
25X1	DESCRIPTION: LENGTH WIDTH TYPE Half-through truss		and concrete	25X1
	STATUS: All spans completely destro	oyed, 1 abutment destroy	yed, 2 piers damaged.	
	COMPENSATIVE ACTION: None			



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CIA IMAGERY ANALYSIS DIVISION			
Cho Trung R.R. Bridge Bridge No. 10 on NE 48-7	North Vietnam	18 17N - 105 39E WF 680220	
X1	•	BRIEF NO: PIB - 65107	
MAP AMS L509 NE 48-	7	October 1965	

LOCATION:

0.3 nm S.E. of Cho Trung

DESCRIPTION:

25X1

WIDTH Undetermined

MATERIAL Steel and concrete

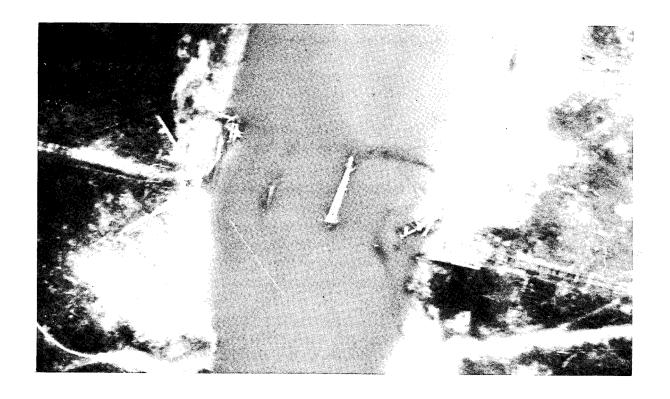
NO. OF SPANS 4

ENGTH OF EACH SPAN 40

401

STATUS: All spans completely destroyed, 1 abutment damaged, 2 piers damaged.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION			
Phuc Son Hwy. Bridge Bridge No. 41 on NE 48-7	North Vietnam	COORDINATES 18 56N - 105 03E WF 060949	
MAP AMS 1509 NE 48-7	1	BRIEF NO: PIB - 65108 October 1965	

LOCATION:

25X1

0.8 nm S.W. of Phuc Son on Route 7

DESCRIPTION:

WIDTH 10

TYPE Deck

MATERIAL Concrete

NO. OF SPANS 2

201

STATUS: One span damaged, one abutment damaged.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION			
Dao Nguyen Hwy. Bridge Bridge No. 46 on NE 48-7	North Vietnam	COORDINATES 18 02N - 106 24E XE 480940	
MAP AMS T.500 NR /.8.7		BRIEF NO: PIB - 65109 October 1965	

O.8 nm S.W. of Dao Nguyen on Route 1A

DESCRIPTION:

25X1

WIDTH 101

TYPE Deck

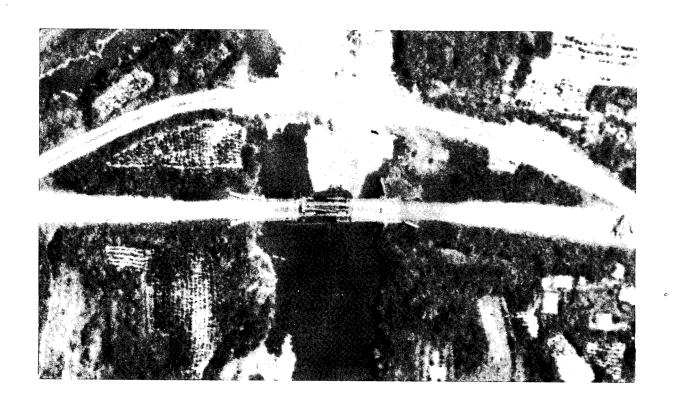
MATERIAL Timber

NO. OF SPANS 3

201

STATUS:

Center span destroyed



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CIA IMAGERY ANALYSIS DIVISION				
NAME Xom Ha Hwy. Bridge Bridge No. 4 on NE 48-11	North Vietnam	COORDINATES 17 59N - 105 51E WE 891 895		
MAR AMS 1509 NR /8-11	•	BRIEF NO: PIB - 65110 October 1965		

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

DESCRIPTION:

25X1

LENGTH HTGIW

180'

TYPE

15'
Half-through truss

MATERIAL **Timber** and Steel

NO. OF SPANS 3 LENGTH OF EACH SPAN 1-901, 2.-45.

STATUS:

East end splintered and truss is damaged.



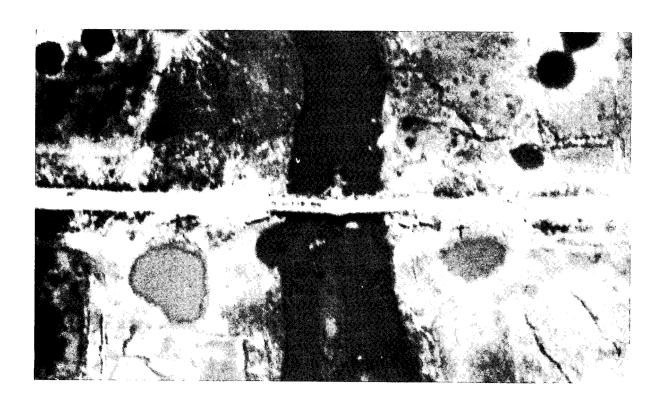
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	CIA IMAGERY ANALYSIS DIVISION					
	Ban Lan Hwy. Bridge Bridge No. 7 on NF 48-10	North Vietnam	COORDINATES 21 20N - 103 54E UJ 873606	<u></u>		
25X1	MAP AMS L509 NF 48-10		BRIEF NO: PIB - 65111 October 1965			
	LOCATION: 0.5 nm S.E. of Ban]	Lan on Route 6				
25X1	LENGTH 95 t WIDTH TYPE Deck	MATERIAL Timber NO. OF SPANS 2 LENGTH OF EACH SPAN		25X1		
	STATUS: 1 span severely dama	aged				

COMPENSATIVE ACTION:

None



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	CIA IMAGERY ANALYSIS DIVISION		
NAME		COUNTRY	COORDINATES
Tri Dong Hwy. Bri			20 22N - 105 56E
Bridge No. 2 on N	F 48-15	North Vietnam	WH 966517
25X1		_	BRIEF NO:
			PIB - 65112
MAP AMS L509	NF 48-15		October 1965

LOCATION: 0.2 nm E. of Tri Dong on Route LA

DESCRIPTION:

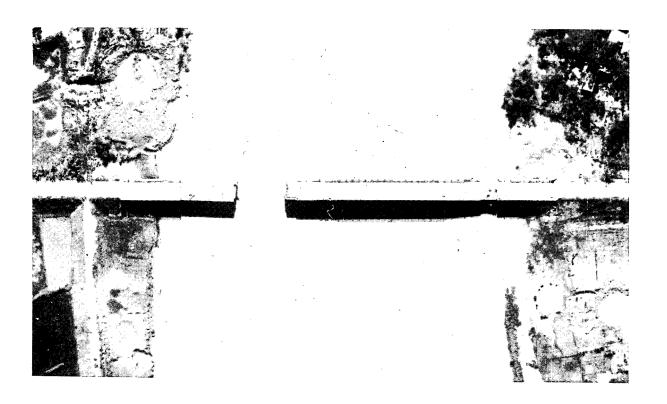
25X1

LENGTH 595'
WIDTH
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 8
LENGTH OF EACH SPAN 75!

status: 1 span destroyed, 1 span severly damaged.

COMPENSATIVE ACTION: Ferry



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CIA IMAGERY ANALYSIS DIVISION

NAME
Trach Ban Hwy Bridge
Bridge No. 11 on NE 48-12

North Vietnam

BRIEF NO:
PIB - 65113
October 1965

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

DESCRIPTION:

25X1 WIDTH

MATERIAL **Timber**NO. OF SPANS 6
LENGTH OF EACH SPAN 201

STATUS: 2 sr

2 spans severely damaged

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION				
Ban Lot Hwy. Bridge Bridge No. 5 on NF 48-10	North Vietnam	21 12N - 104 06E VJ 067440		
MAP AMS L509 NF 48-10		BRIEF NO: PIB - 65114 October 1965		

LOCATION: 0.1 nm E. of Ban Lot on Route 6

DESCRIPTION:

TYPE

25X1

LENGTH 901 10' WIDTH

Half-through truss

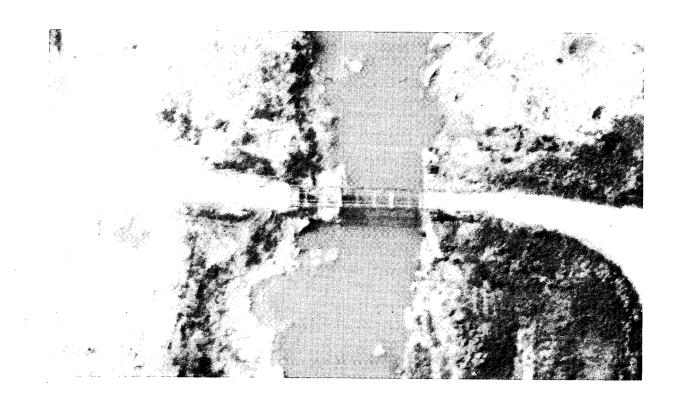
Steel and timber

LENGTH OF EACH SPAN

901

STATUS: Entire timber decking destroyed, other parts of bridge intact.

None COMPENSATIVE ACTION:

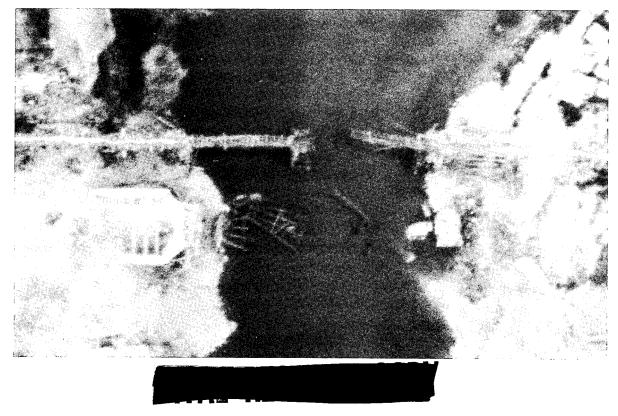


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		CIA IMAGE	RY ANALYSIS DIVISION	_
, ,	NAME Dong Bai Railroad Bridge No. 11 on		COUNTRY North Vietnam	COORDINATES 18 09N - 105 43E WF 762079
25X1	MAP AMS L509	NE 48-7		BRIEF NO: PIB - 65115 October 1965
25X1	DESCRIPTION: LENGTH WIDTH TYPE Single Tr	(approximately)	Vinh-Dong Hoi R.R. MATERIAL Probable s NO. OF SPANS 5 (Proba	teel with concrete abutment ble) 25X1
	status: Bridge des	troyed except for	l abutment still intac	t_ullet

COMPENSATIVE ACTION: Temporary Bridge approx 200', timber deck and timber piers has been damaged, end of 50' span dropped.

REMARKS: This bridge also on PIB - 65062



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Approved For Release 200**20N F2D ENTROP**78T05161A001600020001-0

CIA IMA	GERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Ninh Xa Highway Bridge Bridge No. 59 on NE 48-7	North Vietnam	18 30N - 105 43E WF 768460
5X1		BRIEF NO: PIB - 65116
MAP AMS L509 NE 48-7		October 1965

LOCATION: 0.2 nm N.E. of Ninh Xa on Route 1

DESCRIPTION:

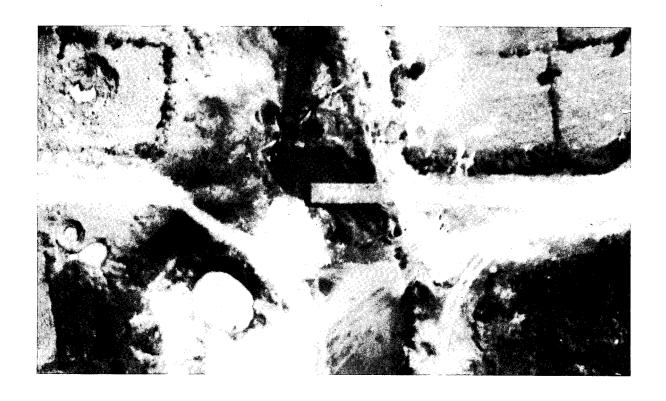
25X1

width
TYPE
Deck

MATERIAL Concrete
NO. OF SPANS 2 (Prob.)
LENGTH OF EACH SPAN 45

STATUS: 1 span destroyed and 1 abutment destroyed.

COMPENSATIVE ACTION: Ford



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-					
CI	CIA IMAGERY ANALYSIS DIVISION				
NAME	COUNTRY	COORDINATES			
Ban Hua Na Highway Bridge Bridge No. 14 on NE 48-2	North Vietnam	19 10N - 104 36E VG 589204			
25X1		BRIEF NO: PTB - 65117			
MAP AMS L509 NE 48-2		October 1965			

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

DESCRIPTION:

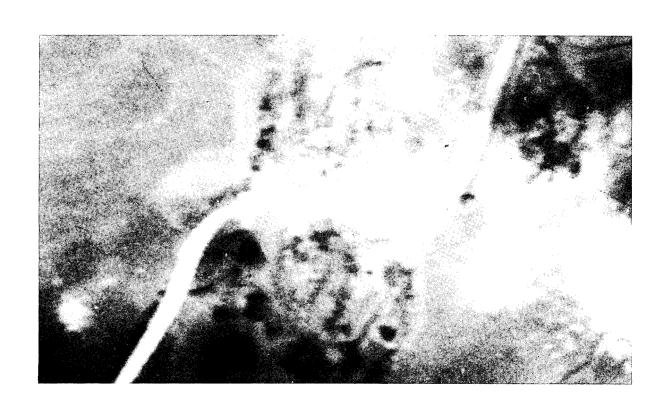
LENGTH 120' (approx)
WIDTH 15' (approx)
TYPE Deck

MATERIAL Wood and Concrete No. of spans 2 LENGTH OF EACH SPAN 60!

STATUS: Undamaged serviceable

COMPENSATIVE ACTION:

N/A



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CIA IMAGERY ANALYSIS DIVISION				
NAME Ban Hua Na Highway Bridge Bridge No. 14 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 10N - 104 36E VG 589204		
MAP AMS L509 NE 48-2		PIB - 65118 October 1965		

25X1

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

DESCRIPTION:

LENGTH 120 feet (approximately)
WIDTH 15 feet (approximately)

Deck

Wood and Concrete

LENGTH OF EACH SPAN 60 feet approximately

STATUS: Severly damaged, one span dropped, unserviceable

COMPENSATIVE ACTION:

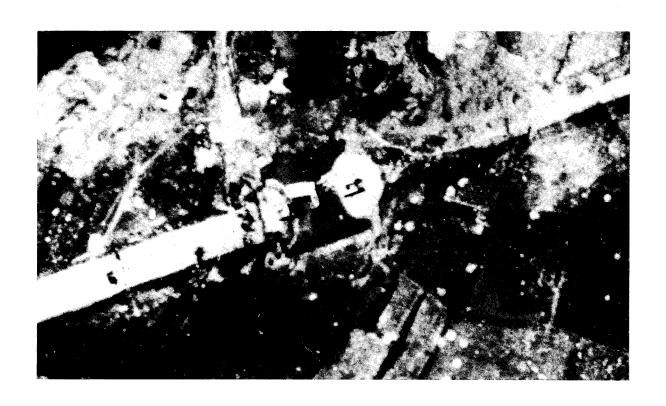
None



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	CIA IMAGERY ANALYSIS DIVISION				
•	N AME	COUNTRY	COORDINATES	_	
	Tam Le R. R. Bridge		19 13N - 105 32E		
	Bridge No. 22 on NE 48-3-22	North Vietnam	WG 566252		
25X1			BRIEF NO:		
			PIB - 65119		
	MAP AMS L509 NE 48-3		T October 1965		
	LOCATION: 0.7 nm N.N.W. of Tam Le o	n new RR U/C	, ,		
	DESCRIPTION:				
25X1	LENGTH	MATERIAL Concrete	e and steel U/C		
	нтају	NO. OF SPANS 2	·		
	TYPE Deck	LENGTH OF EACH SPAN		25X1	
	STATUS: Two spans destroyed, unserv	riceable			

COMPENSATIVE ACTION: None



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CIA IM	AGERY ANALYSIS DIVISION	
N AME	COUNTRY	COORDINATES
Don Bai Dinh Hwy Bridge Bridge No. 8 on NE 48-11	North Vietnam	17 45N - 105 46E WE 825634
1		BRIEF NO:
		PIB - 65120
MAP AMS L509 NE 48-11		October 1965

LOCATION: .1 nm N of Don Bai Dinh on Route 12

DESCRIPTION:

25X1 WIDTH 120' approximately

MATERIAL Concrete
NO. OF SPANS 3

LENGTH OF EACH SPAN 40' approximately

STATUS:

Center span destroyed

compensative action: Ford 300' east of bridge.



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CIAII	MAGERY ANALYSIS DIVISION	
NAME Dong Bai RR Bridge Bridge No. 11 on NE 48-7	COUNTRY North Vietnam	coordinates 18 09N - 105 43E WF 762079
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65121 October 1965

LOCATION: O.4 nm E. of Dong Bai on Vinh-Dong Hoi Rail Line

DESCRIPTION:

TYPE

25X1

LENGTH 220' approximately WIDTH

Single Track

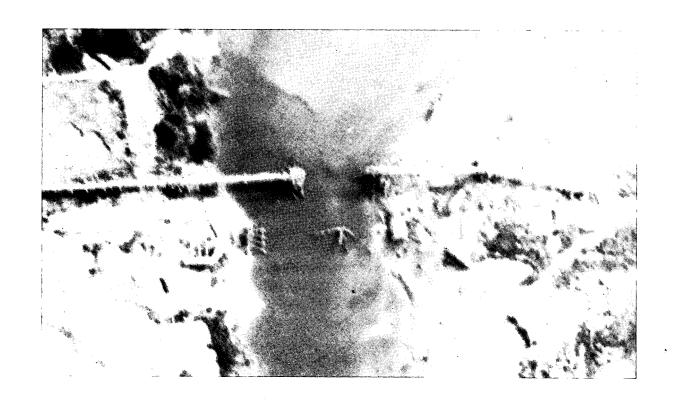
Steel with Concrete abutments MATERIAL 5 Probable NO. OF SPANS

Probable deckgirder LENGTH OF EACH SPAN 45' approximately

With the exception of one abutment bridge is completely destroyed. STATUS:

COMPENSATIVE ACTION:

A four span temporary bridge has been put in. This new bridge is deck type and made entirely of wood. A soft span of this new bridge has been dropped.



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CIAI	MAGERY ANALYSIS DIVISION	
NAME Dong Bai Highway Bridge Bridge 11 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 08N - 105 37E WG 656166
MAP AMS L509 NE 48-3		BRIEF NO: PIB - 65122 October 1965

LOCATION: 0.2 nm NE of Dong Bai on Route 1

DESCRIPTION:

25X1

WIDTH TYPE 95' approximately
Deck

MATERIAL NO. OF SPANS LENGTH OF EACH SPAN

Steel and Concrete

25X1

status: Undamaged

COMPENSATIVE ACTION: N/A



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	CIA IMAGERY ANALYSIS DIVISION				
•		i Highway Bridge No. 11 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 08N - 105 37E WG 656166	
25X1	MAP		TVOT OIL VICOROM	BRIEF NO: PIB - 65123	
	LOCATION:	O.Z im N.H. OI bong bar v	on Route 1A	October 1965	
25X1	LENGTH WIDTH TYPE	10' approximately Deck	MATERIAL Steel NO. OF SPANS 2 LENGTH OF EACH SPAN	and Concrete 25X1	
	STATUS:	Carolia and and and and			

South west end of bridge has deck damage. Bridge is serviceable. Side rail partially destroyed.

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION			
NAME Tho Trang RR Bridge Bridge No. 14 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 09N - 105 37E WG 649181	
25X1 MAP AMS 1.509 NE 48-3		PIB - 65124 October 1965	

LOCATION: 0.5 nm S.E. of Tho Trang on Hanoi-Vinh Rail line

DESCRIPTION:

LENGTH 60' approximately MATERIAL NO. OF SPANS Single Track

Half through truss

Steel

NO. OF SPANS] LENGTH OF EACH SPAN

60' approximately

STATUS: Severely damaged, Bridge twisted and off abutment on one end.

Unserviceable

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Tho Trang RR Bridge Bridge No. 14 on NE 48	North Vietnam	19 09N - 105 37E WG 649181	
5X1	•	BRIEF NO: PIB - 65125	
MAP AMS L509 NE 4	3-3	October 1965	

LOCATION: 0.5 nm SE of Tho Trang on Hanoi Vinh R.R.

DESCRIPTION:

LENGTH 60' approximately MATERIAL WIDTH Single Track NO. OF SPANS

Steel - Concrete

Single Track

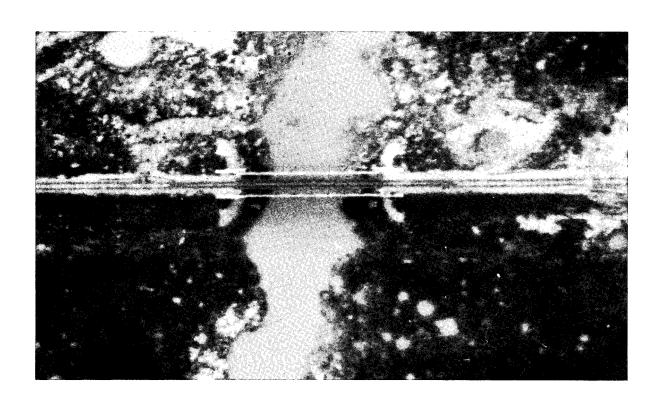
Possible half-through truss LENGTH OF EACH SPAN 60' approximately

STATUS:

Undamaged

COMPENSATIVE ACTION:

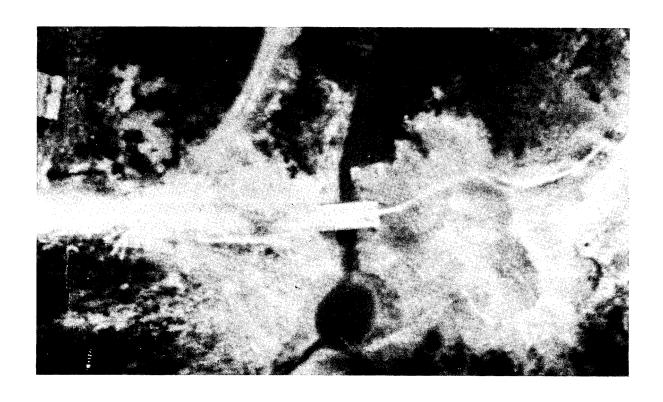
N/A



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	CIA IMAC	GERY ANALYSIS DIVISION		
	N AME	COUNTRY	COORDINATES	-
	Dai Linn Highway Bridge		18 18N - 105 43E	
_	Bridge No. 55 on NE 48-7	North Vietnam	WF 764246	
25X1			BRIEF NO: PIB - 65126	
•	MAP AMS L509 NE 48-7		October 1965	
	LOCATION: 5.8 nm E.N.E. of Dia Linn	on Route 15		
	DESCRIPTION:			
25X1	width 10' approximately TYPE Deck	MATERIAL Prol NO. OF SPANS 1 LENGTH OF EACH SPAN	bable wood or concrete	25X1
	STATUS: The bridge appears services damaged.	able and undamaged, the	e approaches are severly	•

COMPENSATIVE ACTION: A ford is in use approximately 100 feet east of the bridge.



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Approved For Release 200**203 F1DEMTRAP**78T05161A001600020001-0

	CIA IM	AGERY ANALYSIS DIVISION	· · · · · · · · · · · · · · · · · · ·
N AME		COUNTRY	COORDINATES
Trung Bridg	Nghia Highway Bridge e No. 21 on NE 48-12	North Vietnam	17 25N - 106 36E XE 702271
X1			BRIEF NO: PIB - 65127
MAP	AMS L509 NE 48-12		T October 1965
LOCATIO	ON: 0.6 nm S. of Trung Nghia	a on an unnumbered route	•

DESCRIPTION:

WIDTH

25X1

200' approximately

MATERIAL Wood, Concrete abutment NO. OF SPANS Undetermined LENGTH OF EACH SPAN Undetermined

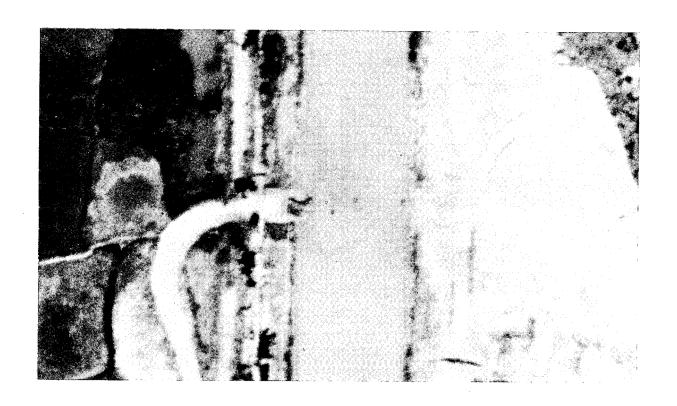
STATUS: Approximately 70' of bridge dropped. Bridge is unserviceable.

compensative action: None



Approved For Release 2002/08/17 DEM RDP78T05161A001600020001-0

NAME		
117.5862	COUNTRY	COORDINATES
Huu Biet Highway Bridge		18° 40'N 105° 36'E
Bridge No. 52 on NE 48-7	North Vietnam	WF 642 653
		BRIEF NO:
MAP AMS L509 NE 48-7		PIB - 65134 October 1965
LOCATION: 0.8 N.M. E. of Huu B	iet on Route 15	
DESCRIPTION:		
WIDTH TYPE Deck	MATERIAL WOOD NO. OF SPANS 4 LENGTH OF EACH SPAN	25' approx.
status: All four spans destroye	ed - unserviceable	
COMPENSATIVE ACTION: None		
	Bridge No. 52 on NE 48-7 MAP AMS L509 NE 48-7 LOCATION: 0.8 N.M. E. of Huu B DESCRIPTION: LENGTH 100' approx. WIDTH TYPE Deck STATUS: All four spans destroy.	Bridge No. 52 on NE 48-7 MAP AMS L509 NE 48-7 LOCATION: 0.8 N.M. E. of Huu Biet on Route 15 DESCRIPTION: LENGTH 100' approx. MATERIAL Wood No. of SPANS 14 LENGTH OF EACH SPAN STATUS: All four spans destroyed - unserviceable



Approved For Release 2002/08/120 EMTRAP78T05161A001600020001-0

		CIA IMAGEF	RY ANALYSIS DIVIS	ION		
•	NAME		COUNTRY		COORDINATES	
		R.R. Bridge . 18 on NE 48-3-18	North Vietnam		19 09N 105 36E WG 643 186	
25X1					BRIEF NO:	
20/(1					PIB - 65135	
		MS L509 NE 48-3			October 1965	
25X1	DESCRIPTION: LENGTH WIDTH TYPE	7 N.M. E. of Ngoc Diem on Deck			nd concrete y 3	25X1
		Heavy damage to all spans to be intact.	s, one abutment	damaged,	, piers appear	

COMPENSATIVE ACTION:

Adjacent ford



Approved For Release 2002/08/13 FIGH RDP78T05161A001600020001-0

COUNTRY	coordinates 20 19N - 105 56E
	20 19N - 105 56E
North Vietnam	WH 978 476
	BRIEF NO: PIB 65136 October 1965
_	North Vietnam

25X1

1.0 nm S.W. of Cung Que on Route 1 A LOCATION:

DESCRIPTION:

360' LENGTH 10' WIDTH

TYPE

Half through truss

Steel

NO. OF SPANS 2 Half through truss and 2 approach LENGTH OF EACH SPAN spans

> 2-1501 2-301

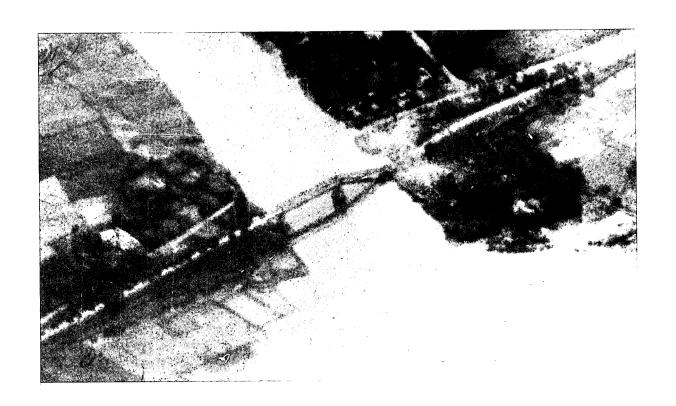
STATUS:

1-30' span destroyed 1-150' span destroyed

1 pier destroyed 1 abutment destroyed

COMPENSATIVE ACTION:

Ferry



CIA IMAGERY ANALYSIS DIVISION			
N AME	COUNTRY	COORDINATES	
Ninh Binh R.R. and Highway Bridge	e	20 15N-105 59E	
Bridge No. 1 on NF 48-15	North Vietnam	XH 030 405	
X1	-	BRIEF NO:	
		P I B 65137	
MAP AMS L509 NF 48-15		October 1965	

LOCATION: At Ninh Binh on Route 1

DESCRIPTION:

25X1

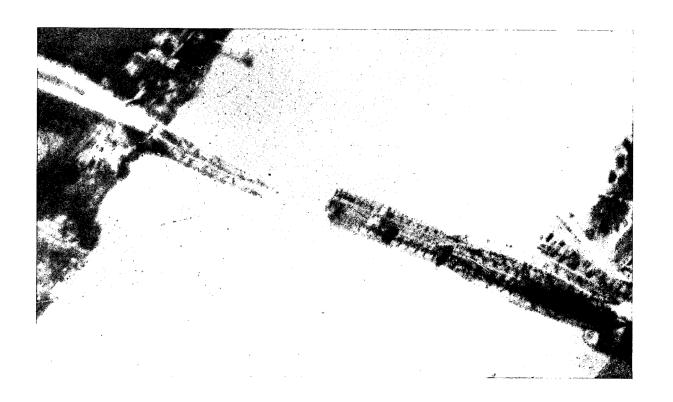
400' approx. Through truss

STATUS:

4 spans dropped, one pier destroyed.

COMPENSATIVE ACTION:

Pontoon bridge N.W. of bridge.



Approved For Release 2002/09/11/20 12/47 12/12/2015/161A001600020001-0

CIA	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Tri Dong Hwy. Bridge		20 22N 105 56E
Tri Dong Hwy. Bridge Bridge No. 2 on NF 48-15	North Vietnam	WH 966 517
(1		BRIEF NO:
		PIB 65138
MAP AMS L509 NF 48-15		October 1965

LOCATION: O.2 N.M. E. of Tri Dong on Route 1A

DESCRIPTION:

25X1

width Coo' approx.

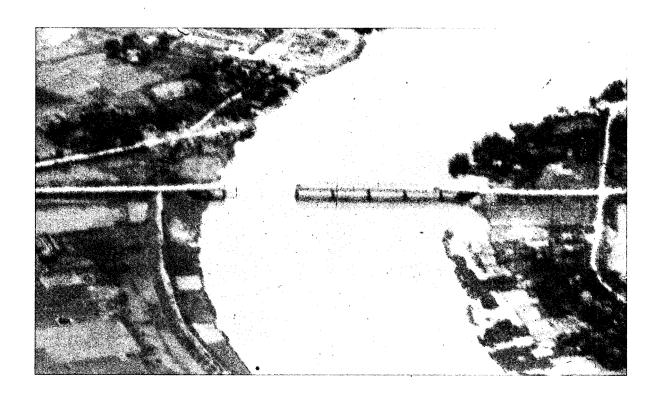
MATERIAL Concrete
NO. OF SPANS 8
LENGTH OF EACH SPAN 75'

STATUS:

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

COMPENSATIVE ACTION:

Ferry



Approved For Release 2002/08/12/05/07/RDP78T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION			
N AME	COUNTRY	COORDINATES	
Chi a ng Dong Hwy. Bridge Bridge #20 on NF 48-10	North Vietnam	21 06N 104 14E VJ 210 339	
5X1	<u> </u>	BRIEF NO: PIB - 65139	
MAP AMS L509 NF 48-10)	October 1965	

LOCATION:

North edge of Chiang Dong on Route 6

DESCRIPTION:

LENGTH 150' **ap**prox. WIDTH

20' approx.

Deck

Wood and concrete

No. of spans probably 2 LENGTH OF EACH SPAN 75' approx.

STATUS:

TYPE

Deck damaged. Abutment partially destroyed. Serviceable for light vehicle traffic.

COMPENSATIVE ACTION:

- 1. Adjacent ford.
- 2. Repair work is underway.



Approved For Release 200@04172 DCM7RDP78T05161A001600020001-0

CIA	IMAGERY ANALYSIS DIVIS	ION
NAME Ban Na Cai Highway Bridge Bridge No. 15 on NF 48-9	COUNTRY	COORDINATES 21 31N - 103 07E UJ 065810
5X1 MAP AMS L509 NF 48-9	•	BRIEF NO: PIB-65140 October 1965

LOCATION: 0.2 nm SW of Ban Na Cai on Route 19

DESCRIPTION:

LENGTH 25X1

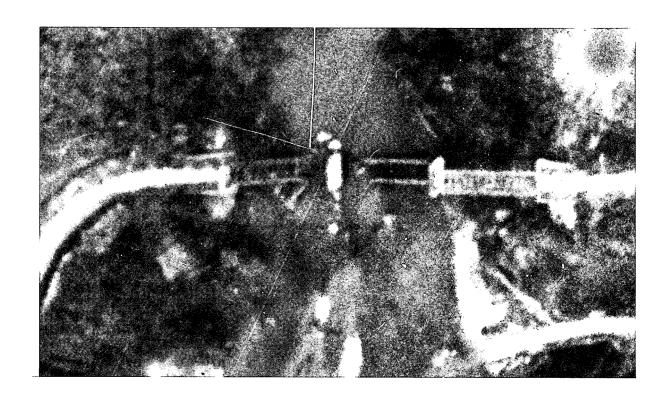
175' (approx.)

MATERIAL steel and concrete
NO. OF SPANS 3
Half-through truss

LENGTH OF EACH SPAN 60' (approx.)

STATUS: Two spans dropped. All abutments and piers are in tact.

COMPENSATIVE ACTION: A ford is being used 100 feet SW of the bridge.



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Approved For Release 200@08174DEMTRAP78T05161A001600020001-0

	CIA IMAG	ERY ANALYSIS DIVISION	
_	NAME La Khe Thon Highway Bridge Bridge No. 60 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 105 49E WE 872973
5X1	MAP AMS L509 NE 48-7		BRIEF NO: PTB - 65128 October 1965

LOCATION: 0.8 nm SE of Lakhe Thon on Route 15

DESCRIPTION:

25X1

LENGTH 260' approximately
TYPE Deck

MATERIAL Wood, Concrete abutments and piers NO. OF SPANS 11

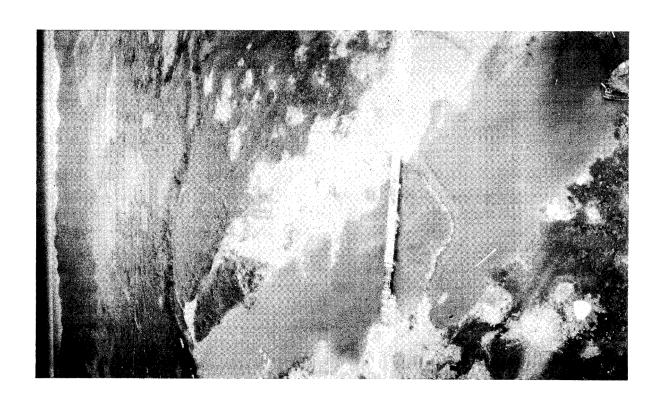
LENGTH OF EACH SPAN Various sizes

STATUS: 5 spans destroyed over 90 feet (approximately)

3 spans severely damaged, remainder of bridge has slight damage

COMPENSATIVE ACTION:

Ford



Approved For Release 20**(ደ) ቀኔ F12**) **E** ቤ ጊዜ P78T05161A001600020001-0

	CIAIA	MAGERY ANALYSIS DIVISION	
-	NAME	COUNTRY	COORDINATES
_	Huu Lai Hwy. Bridge Bridge No. 21 on NE 48-3	North Vietnam	19° 22'N - 105° 44'E WG 768 418
25X1			BRIEF NO: PIB - 65130
-	MAP AMS L509 NE 48-3		October 1965

LOCATION: 1.0 N.M. W. of Huu Lai on Route #1A

DESCRIPTION:

25X1

Approx. 85'
Deck

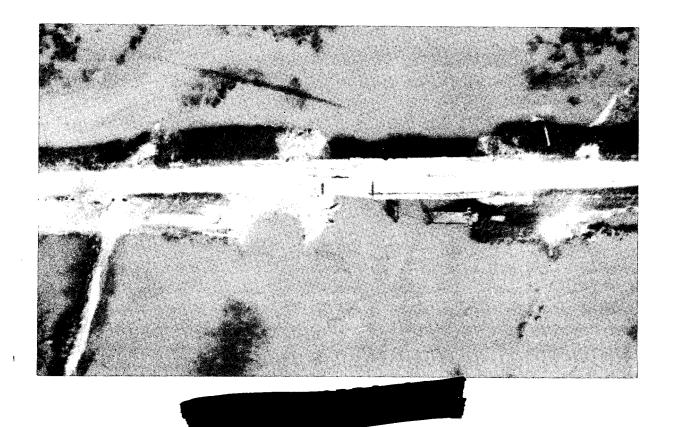
MATERIAL Concrete
NO. OF SPANS undetermined
LENGTH OF FACH SPAN

LENGTH OF EACH SPAN undetermined

STATUS:

North end of bridge is severely damaged; abutment is undamaged.

COMPENSATIVE ACTION: Bypass of damaged section with planks.



Approved For Release 2003/05/10 E KITA-RPP78T05161A001600020001-0

CIA	CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES	
Ban Pom Lot Hwy. Bridge Bridge No. 1 on NF 48-9	North Vietnam	21 17N - 103 00E TS 934 550	
X1 MAP AMS 1.500 NE /18_0		PIB 65131	
LOCATION: 2 nm S W of Bon Po		October 1965	

2 nm S.W. of Ban Pom Lot on Route 19

DESCRIPTION:

LENGTH
WIDTH
TYPE

265'
Half-through truss

MATERIAL Steel and concrete

NO. OF SPANS 3 LENGTH OF EACH SPAN

1-175', 2-45'

STATUS:

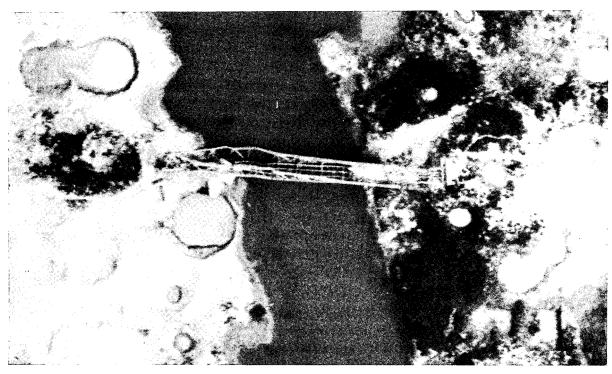
Bridge is off abutments; members are twisted, decking has been blown off; one abutment and pier are severely damaged.

COMPENSATIVE ACTION:

None

Note: Bridge was severely damaged on earlier strike.

25X1





Approved For Release 200 (20) 17 D (1) 78 T05161A001600020001-0

	CIAIN	MAGERY ANALYSIS DIVISION	
N AM	1E	COUNTRY	COORDINATES
Mt B1	uong Hua Hwy. Bridge ridge No. 10 on NF 48-9	North Vietnam	21° 35'N - 103° 23'E UJ 335 880
25X1			BRIEF NO:
MA	AMS L509 NF 48-	.9	October 1965 PIB 65132

LOCATION: 1.2 N.M. N.E. of Muong Hua on Route 19

DESCRIPTION:

75' approx. 10' approx. LENGTH WIDTH

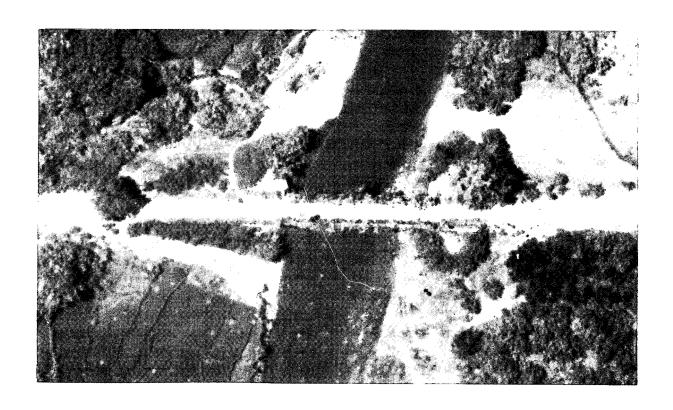
TYPE Deck MATERIAL Steel and wood

NO. OF SPANS 1

LENGTH OF EACH SPAN 75' approx.

status: Pre-strike

COMPENSATIVE ACTION:



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CIA IA	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Huu Biet Hwy. Bridge	1	18 40N 105 36E
Bridge No. 52 on NE 48-7	North Vietnam	WF 642 653
X1	-	BRIEF NO:
7 (1)		PIB - 65133
MAP AMS L509 NE 48-7		October 1965

LOCATION:

0.8 N.M. E. of Huu Biet on Route 15

DESCRIPTION:

25X1

width
TYPE
Deck

MATERIAL WOOD NO. OF SPANS 4

LENGTH OF EACH SPAN 25' approx.

STATUS:

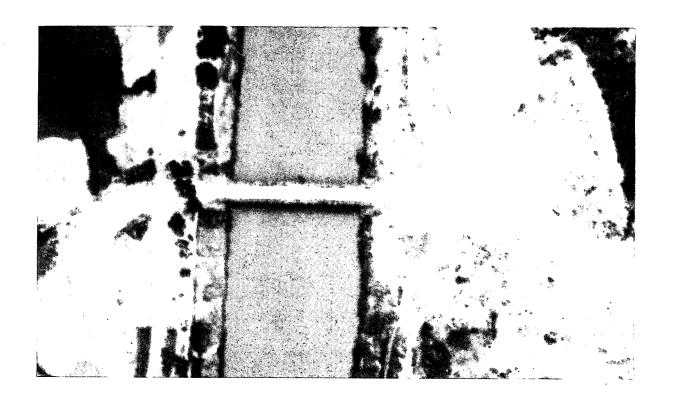
Pre-strike

COMPENSATIVE ACTION:

None

Note: This bridge was constructed to replace the destroyed bridge 700'

north (Bridge No. 25 on NE 48-7, PIB 65009



Approved For Release 2002/08/12D EMTRAP78T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION NAME COUNTRY COORDINATES Du Dong R.R. Bridge Bridge #30 on NE 48-7 18 27N 105 34E North Vietnam WF 609 405 25X1 BRIEF NO: PIB 65129 October 1965

LOCATION: 1.0 N.M. S. of Du Dong

DESCRIPTION:

TYPE

STATUS:

LENGTH

70'

Deck

Single track

Steel and wood

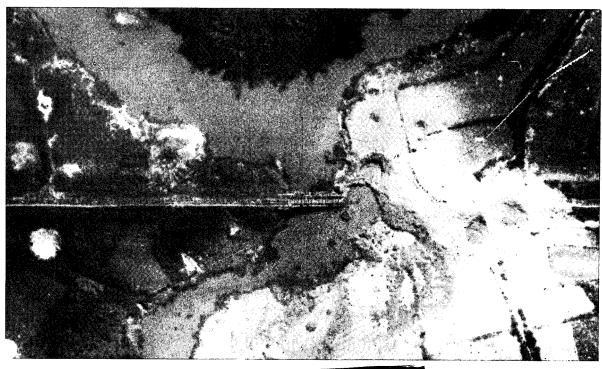
LENGTH OF EACH SPAN

701

One abutment destroyed, one end of 1 span destroyed.

COMPENSATIVE ACTION:

None





Approved For Release 2062016FilD:ENA-FAUP78T05161A001600020001-0

Approved For Release 20 (2) (4) F1(2) EQ14-1-120 P78T05161A001600020001-0

	CIA IMAGER	RY ANALYSIS DIVISION	
-	NAME Sop Cop Hwy. Bridge Bridge No. 5 on NF 48-14	COUNTRY North Vietnam	COORDINATES 20 56N - 103 36E UJ 550158
25X1	MAP AMS L509 NF 48-14		BRIEF NO: PIB-65141 October 1965

LOCATION:

O.4 nm E. of Sop Cop on Route 44A

DESCRIPTION:

VIDE Deck 50' (approx.)

MATERIAL WOOD (probable)
NO. OF SPANS ONE (probable)
LENGTH OF EACH SPAN 50'

STATUS:

Competely destroyed

compensative action: None



Approved For Release 2002/08/12 : CIA-RDP78T05161A001600020001-0

	CIA IMAC		
ı	Lang Met Hwy. Bridge Bridge #3 on NF 48-11	North Vietnam	COORDINATES 21 30N - 105 21E XJ 399782
5X1	MAP AMS L509 NF 48-11		BRIEF NO: PIB - 65142 October 1965
	LOCATION: 0.3 nm NE of Lang Met	on Route 1A	200002 2000

DESCRIPTION:

LENGTH 175' (approx.)

WIDTH 15' (approx.)

TYPE Deck (probable)

MATERIAL steel & concrete
NO. OF SPANS 4

LENGTH OF EACH SPAN 45' (approx.)

STATUS: 2 spans destroyed, 1 abutment damaged, 1 pier damaged.

compensative action: Ferry 1300' SE of bridge



Approved For Release 2002/08/10 ENIALADP78T05161A001600020001-0

Approved For Release 2002/08/12 PATRAP78T05161A001600020001-0

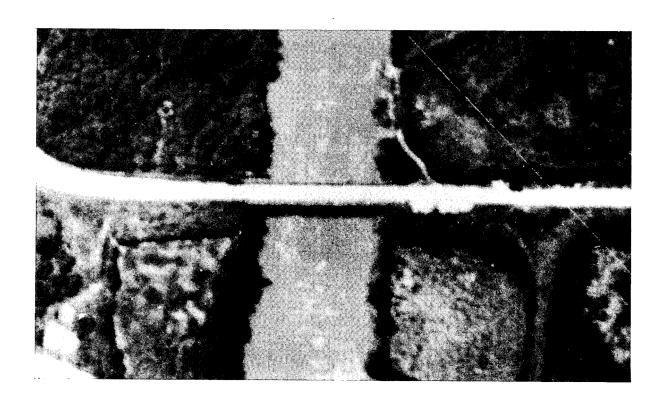
	CIA IMAGERY ANALYSIS DIVISION				
	NAME	COUNTRY	COORDINATES		
	La Nham Hwy. Bridge Bridge No. 18 on NE 48-7	North Vietnam	18 51N 105 39E WF 689 840		
5X1 [BRIEF NO:		
			P I B 65143		
-	MAP AMS L509 NE 48-7		November 1965	<u>-</u>	
	LOCATION: 0.7 nm S.W. of La Nha	m on Hanoi-Vinh R.R.			
	DESCRIPTION:				
5X1	LENGTH	material St ee l	with concrete abutments		
	WIDTH 10'	NO. OF SPANS 3		٥٢١	
	TYPE Half through truss	LENGTH OF EACH SPAN		25>	
	STATUS: 2 spans dropped. 1 seve	rely damaged - unservice	eable abutment at		
	north end appears dam	•			
	COMPENSATIVE ACTION:				
	Non e				



Approved For Release 20020 F2D ENTRA 278T05161A001600020001-0

Approved For Release 2002/09/11/21 DEIN-17/08/17/05/161A001600020001-0

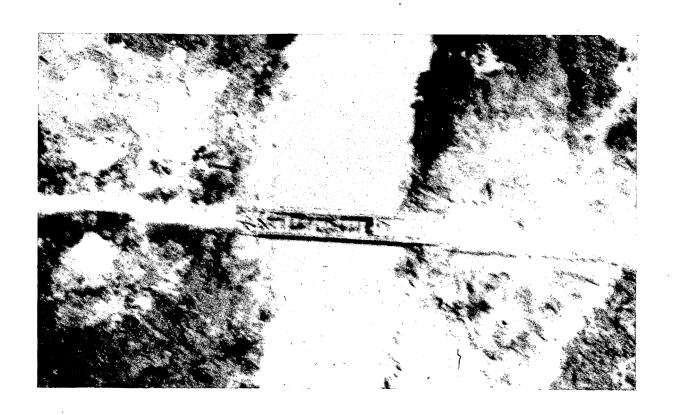
	CIA IMAG	ERY ANALYSIS DIVISION	
NAME		COUNTRY	COORDINATES
Dien B Bridge	ien Phu Hwy. Bridge No. 11 on NF 48-9	North Vietnam	21 23N-103 01E TJ 944 662
			BRIEF NO:
			PIB 65144
LOCATION	AMS L509 NF 48-9		November 1965
DESCRIPTI	O.1 nm S. of Dien Bien	rna on route 191	
		MATERIAL Steel, WO NO. OF SPANS 1 LENGTH OF EACH SPAN	od, concrete 125' approx.



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		CIA IMAGI	ERY ANALYSIS DIVISION	<u> </u>	-
	NAME		COUNTRY	COORDINATES	-
	Dien Bien	Phu Hwy. Bridge		21 23N - 103 01E	
	Bridge No.	11 on NF 48-9	North Vietnam	IJ 944 662	
25X1				BRIEF NO:	•
				P I B - 65145	
		MS L509 NF 48-9		November 1965	
	LOCATION:	0.1 N.M. S. of Dien Bien H	Phu on route 191		•
25X1	DESCRIPTION LENGTH WIDTH TYPE	Half through truss	material Steel, w no.of spans 2 prol length of each span	ood, and concrete bable 25	5X1
	STATUS:	Two-thirds of decking bon	mbed out. Bridge uns	erviceable.	
	COMPENSATI	VE ACTION: NONO		•	

None



Approved For Release 200708712 ENTIRE P78T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Muong Hua Hwy. Bridge Bridge No. 10 on NF 48-9	North Vietnam	21 35N - 103 23E VJ 335 880	
X1		BRIEF NO: PIB 65146	
MAP AMS L509 NF 48-9		November 1965	

LOCATION: 1.2 nm N.E. of Muong Hua on Route 19

DESCRIPTION:

LENGTH WIDTH

75' approx. 10' approx.

TYPE

Deck

MATERIAL

NO. OF SPANS

LENGTH OF EACH SPAN

75' approx.

STATUS: . Entire span off abutments; structure is twisted and the decking has been blown off.

COMPENSATIVE ACTION: Ford

25X1 Note: Pre-strike





Approved For Release 20**0 ያገልጾተገን Eፍነ**ች ዘ<mark>ች</mark>ው P78T05161A001600020001-0

Approved For Release 2002/08/12 ENA-ROP78T05161A001600020001-0

CIA I	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Ban Ca Tang Hwy. Bridge		19 20N 104 18E
Ban Ca Tang Hwy. Bridge Bridge No. 6 on NE 48-2	North Vietnam	VG 264 376
		BRIEF NO:
		P I B 65147
MAP AMS 1,509 NE 48-2		November 1965

LOCATION:

25X1

In Ban Ca Tang on route 7

DESCRIPTION:

LENGTH WIDTH 120' approx.
10' approx.

TYPE

Deck

MATERIAL Concrete

NO. OF SPANS 2 LENGTH OF EACH SPAN

60' approx.

STATUS:

Pre-strike

COMPENSATIVE ACTION:

N/A



Approved For Release 2002/04/12 DEM-RAP78T05161A001600020001-0

	CIA I	MAGERY ANALYSIS DIVISION	
•	N AME	COUNTRY	COORDINATES
	Ban Ca Tang Hwy. Bridge Bridge No. 6 on NE 48-2	North Vietnam	19 20N-104 18E VG 264 376
25X1		•	BRIEF NO: PIB 65148
	MAP AMS L509 NE 48-2		November 1965

In Ban Ca Tang on route 7

DESCRIPTION:

LENGTH 120' approx.
WIDTH 10' approx.

TYPE

Deck

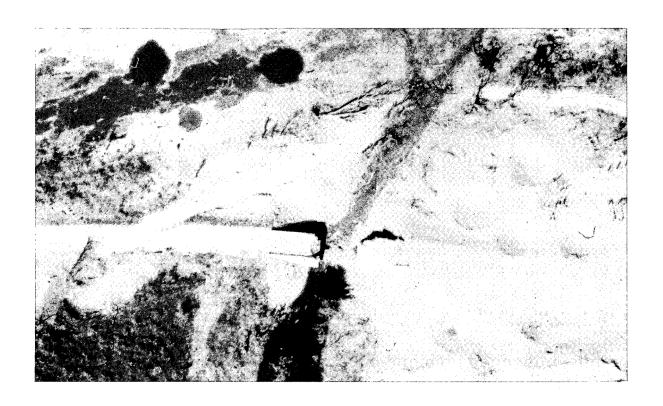
MATERIAL Concrete

LENGTH OF EACH SPAN 60' approx.

STATUS:

Both spans and center pier destroyed.

COMPENSATIVE ACTION: Ford



Approved For Release 2002/09/12/05/14-RD-78T05161A001600020001-0

	CIA IMAGERY ANALYSIS DIVISION	NO
NAME	COUNTRY	COORDINATES
Canh Trap Hwy. Bridge Bridge No. 12 on NE 48-2	North Vietnam	19 13N-104 32E VG 514 251
		BRIEF NO: PIB 65149
MAP AMS L509 NI	48-2	November 1965

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

DESCRIPTION:

25X1

WIDTH 55' approx.

WIDTH 10' approx.

TYPE Deck

material Wood no. of spans 14 length of each span

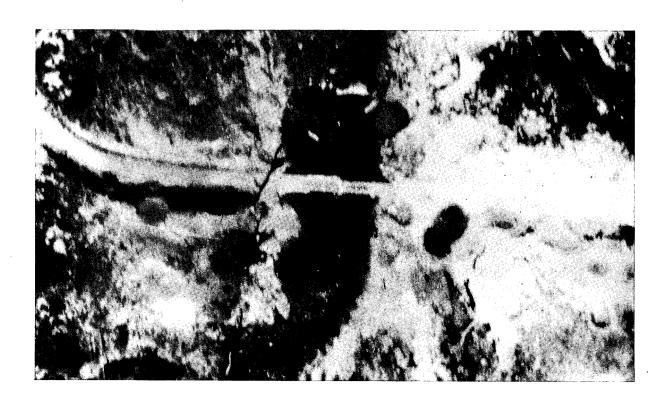
15' approx.

STATUS:

One span heavily damaged.

COMPENSATIVE ACTION:

Repair work underway.



Approved For Release 2002/08/11/27 1014-RDP78T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION

NAME

Ban Ang Hwy. Bridge

Bridge No. 9 on NE 48-2

North Vietnam

BRIEF NO:

PIB 65150

MAP AMS L509

NE 48-2

November 1965

LOCATION:
DESCRIPTION:

LENGTH WIDTH

TYPE

55' approx. 10' approx.

Deck

MATERIAL Concrete

LENGTH OF EACH SPAN

55' approx.

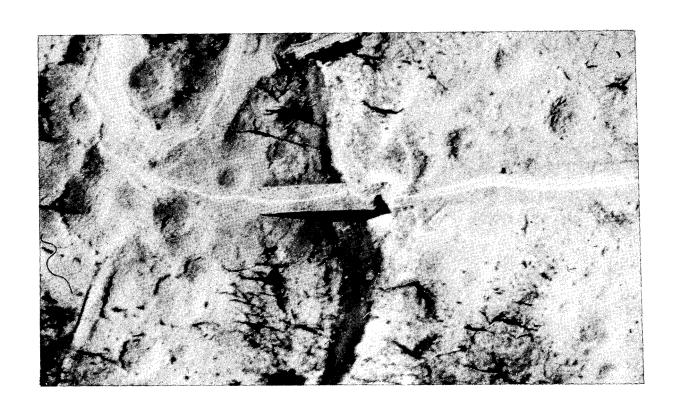
STATUS:

One end of deck severely damaged. Bridge serviceable to foot traffic.

COMPENSATIVE ACTION:

Ford

0.3 nm S.E. of Ban Ang on route 7



Approved For Release 20 (27) 8/11 (2) [CN/4-ROP78T05161A001600020001-0

CI	A IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Dong Hoi Hwy. Bridge		17 27N-106 38E
Dong Hoi Hwy. Bridge Bridge No. 1 on NE 48-12	North Vietnam	XE 305 730
25V4		BRIEF NO:
25X1		P I B 65151
MAP AMS L509 NE	48-12	November 1965

LOCATION: 0.1 nm S.E. of Dong Hoi on route 1

DESCRIPTION:

LENGTH MIDTH

345' approx.

15' approx.

TYPE

Deck

MATERIAL Steel and concrete

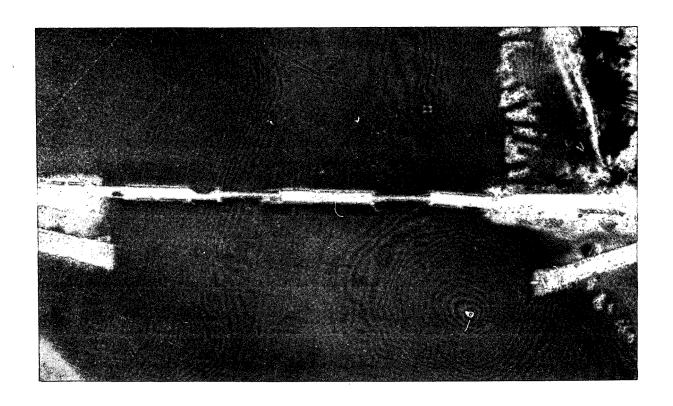
NO. OF SPANS 10 approx.
LENGTH OF EACH SPAN 351 35' approx.

STATUS:

2 spans destroyed (replaced by temporary wooden decking). 2 spans heavily damaged, serviceable to foot traffic.

COMPENSATIVE ACTION:

Ferry



Approved For Release 2002/08/12 ENA-RAP78T05161A001600020001-0

	CIA IM	AGERY ANALYSIS DIVISION				
NAME	NAME COUNTRY COORDIN					
Dong Hoi Hw Bridge No.	y. Bridge 1 on NE 48-12	North Vietnam	17 27N - 106 37E XE 305 730			
5X1			BRIEF NO: PIB 65152			
map AMS	L509 NE 48-12		November 1965			

LOCATION: O.1 nm S.E. of Dong Hoi on Route 1A

DESCRIPTION:

LENGTH 350' approx. WIDTH 15' approx.

TYPE Deck

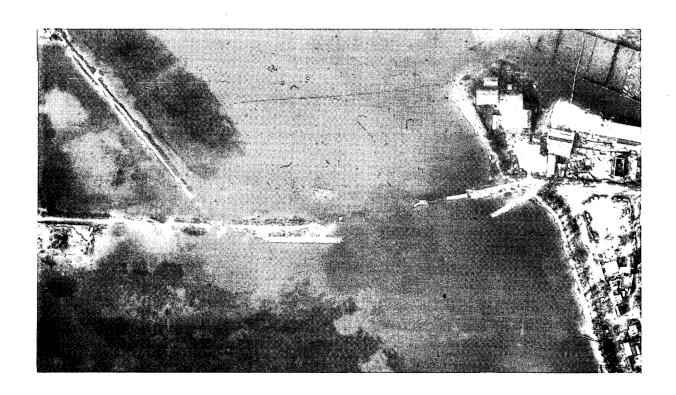
Steel and concrete

MATERIAL Steel and No. of spans 10 LENGTH OF EACH SPAN 35' approx.

STATUS: Bridge completely destroyed with exception of two deck spans at north end. South abutment destroyed - two piers supporting remaining spans intact.

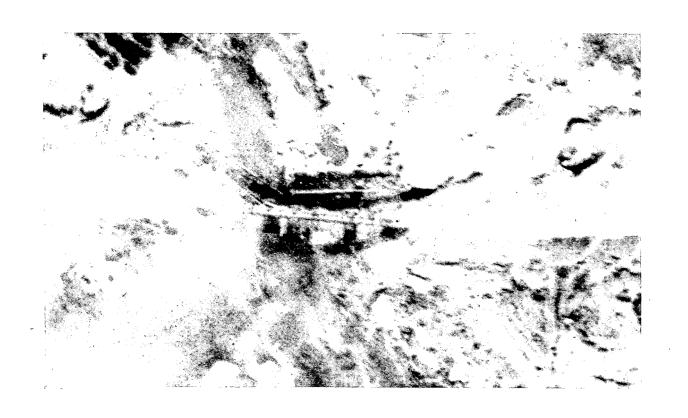
COMPENSATIVE ACTION: Causeway leading to ferry slip at south end is impassible because of bomb damage

25X1



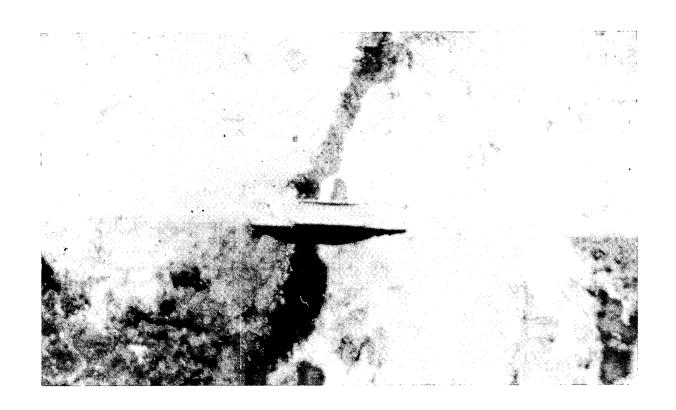
Approved For Release 2002/08/18 E NHA-RDP78T05161A001600020001-0

_	CIA IMAGERY ANALYSIS DIVISION						
•	NAME		COUNTRY	COORDINATES			
	Lang Bun R Bridge No.	.R. Bridge 1 on NF 48-6	North Vietnam	22 09N - 104 23E VK 368 493			
25X1	MAP AMO	T F 00 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		BRIEF NO: PIB 65153			
•	LOCATION:	L509 NF 48-6 0.5 nm N.E. of Lang Bun o	n the Hanoi Iso Cai Pi	November 1965			
	DESCRIPTION:	O. J IIII N.E. OI Lang Dun O	ii dhe hahor-bad dar K.i	v. Title			
25X1	LENGTH WIDTH TYPE	150' Half-through truss	material Steel and no. of spans 2 Length of Each span	concrete 75'			
25X1	STATUS:	Bridge completely destroy	ed. Both bridge abutm	ents are destroyed.			
	COMPENSATIVE	New temporary south of prese	bridge has been constr nt bridge.	acted immediately			



Approved For Release 2002/08/12 PDENA PAPP 78T05161A001600020001-0

-		CIA II	MAGERY ANALYSIS DIVISION	
_	NAME		COUNTRY	COORDINATES
	Dong Lar	ng Hwy. Bridge		17 51N - 106 04E
	Bridge N	No. 25 on NE 48-11	North Vietnam	XE 127 743
5X1				BRIEF NO:
3A 1				PIB 65154
	MAP	AMS L509 NE 48-11		November 1965
-	LOCATION:	0.4 nm N.W. of Dong La:	ng on old Vinh-Dong Hoi R	.R.
	DESCRIPTIO	N:		
	LENGTH	75' approx.	MATERIAL	Concrete
5X1	WIDTH		NO. OF SPANS	3
J/(I	TYPE	Deck	LENGTH OF EACH SPAN	20', 35', 20'
	STATUS:	Slight damage to enti	re bridge. Bridge probabl	ly serviceable.
	COMPENSAT	IVE ACTION:	None	
5X1	Note: Pr	re-strike		



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CIA	IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Dong Lang Hwy. Bridge		17 51N - 106 04E
Bridge No. 25 on NE 48-11	North Vietnam	XE 127 743
25X1		BRIEF NO:
		P I B 65155
MAP AMS L509 NE 48-	11	November 1965

LOCATION: 0.4 N.M. N.W. of Dong Lang on old Vinh-Dong Hoi R.R.

DESCRIPTION:

25X1

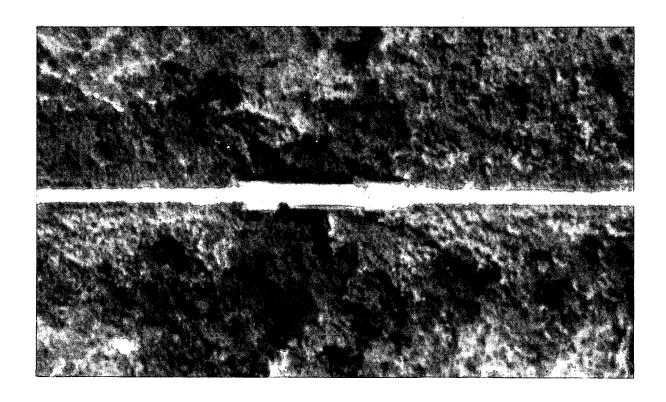
75' approx. LENGTH WIDTH TYPE Deck

MATERIAL Concrete NO. OF SPANS 3 LENGTH OF EACH SPAN 201, 351, 201

STATUS:

Pre-strike - undamaged and serviceable. This bridge is on the old railroad line, but is now being used as a highway bridge.

COMPENSATIVE ACTION:



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	CIA IM	AGERY ANALYSIS DIVISION	
-	NAME	COUNTRY	COORDINATES
_	Don Cay Hwy. Bridge Bridge No. 61 on NE 48-7	North Vietnam	18 25N - 105 42E WF 738 365
25X1			BRIEF NO: PTB - 65156
_	MAP_{\perp} AMS L509 NE 48-	-7	November 1965

LOCATION:

TYPE

STATUS:

0.5 n.m. S.E. of Don Cay on route 82

DESCRIPTION:

LENGTH 140' approx. WIDTH

Deck

140' approx.

10' approx.

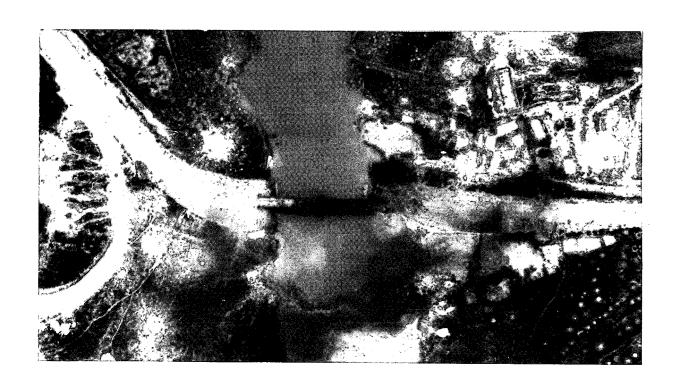
No. of spans 5
Length of Each span 1 span - 50' approx.

3 spans - 20' approx.

3 spans - 30' approx. 2 - 20' spans and 1 - 30' span are damaged, l pier damaged - unserviceable.

COMPENSATIVE ACTION:

2 temporary rock-filled causeways and 1 ford

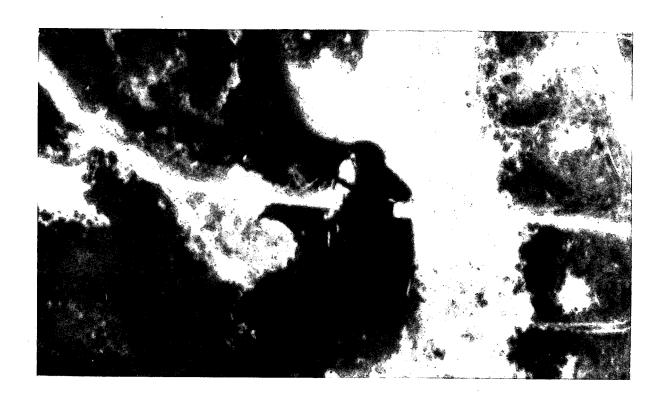


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		CIA IMAGERY ANALYSIS DIVISION					
	NAME			COUNTRY	COORDINATES		
		ng Hwy. Bridge o. 4 on NE 48-		North Vi etnam	WF 235 381 18 25N - 105 28E		
25X1					BRIEF NO: PIB 65157		
	LOCATION	2.3 N.M. S.V		E 48-7-4 ng On route 8	November 1965		
25X1	DESCRIPTION LENGTH	ON:	\neg	MATERIAL Conc	rete		
	TYPE	Deck		NO. OF SPANS 5 PLENGTH OF EACH S	robable	25X1	
	STATUS:	2 spans destr	oyed; l pier	destroyed			

COMPENSATIVE ACTION:

Ford



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_	-	CIA	IMAGERY ANALYSIS	DIVISION	
_		u Hwy. Bridge No. 45 on NE 48-7	COUNTRY North Vie		COORDINATES 18 O2N - 106 24E XE 482 948
X1[-	MAP	AMS L509 NE 48-	•		BRIEF NO: PIB - 65158 October 1965
X1	DESCRIPTION: LENGTH WIDTH TYPE	0.5 N.M. S. of Trach	MATERIAL NO. OF SPA	Concrete ns 8 EACH SPAN	e 10'
	STATUS:	3 spans destroyed,	2 piers destroy	eđ	
	COMPENSAT	TIVE ACTION: Causeway W	ith culvert		
Ŋ	Note: Br	idge is also found on			



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	CIA IM	AGERY ANALYSIS DIVISION	
N	AMÉ	COUNTRY	COORDINATES
	Thou Nam Hwy. Bridge Bridge No. 62 on NE 48-7	North Vietnam	18 16N - 105 55E WF 982 202
5X1			BRIEF NO: PIB 65159
	MAP AMS L509 NE 48-7		November 1965

LOCATION:

0.2 nm W. of Thou Nam on Route 151

DESCRIPTION:

LENGTH 130' approx.

10' approx.

Deck

MATERIAL Wood and concrete

NO. OF SPANS 13

LENGTH OF EACH SPAN 10'

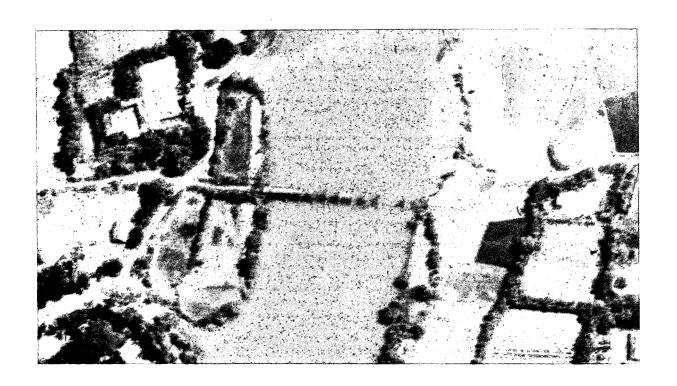
STATUS:

TYPĖ

7 spans dropped, 1 severely damaged

1 pier destroyed, 2 appear severely damaged

compensative action: None



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CIA IMAGERY ANALYSIS DIVISION			
N AME	COUNTRY	COORDINATES	
Co Cang Hwy. Bridge		17 49N - 106 12E	
Bridge No. 22 on NE 48-11	North Vietnam	XE 270 703	
		BRIEF NO:	
		PIB 65160 October 1965	
MAP AMS T.500 NT. 48-1	7	October 1965 _	

25X1

LOCATION: 0.8 N.M. E. of Co Cang on Route 110

DESCRIPTION:

LENGTH 45' approx. 10' approx. WIDTH TYPE

Deck

MATERIAL Wood NO. OF SPANS NO. OF SPANS 3

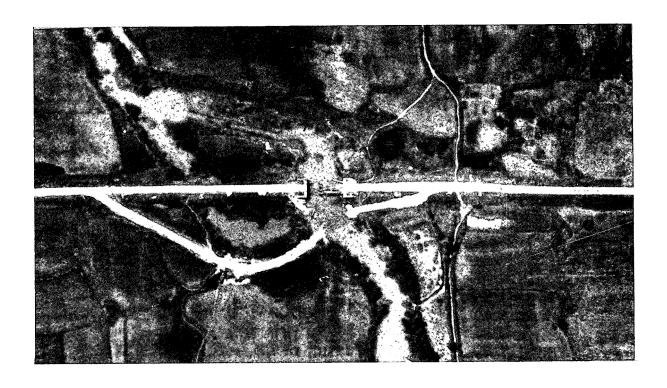
15'

STATUS:

One span destroyed, two spans dropped. Piers intact.

COMPENSATIVE ACTION:

Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME
Cho Vuc Hwy. Bridge
Bridge No. 58 on NE 48-7

North Vietnam

BRIEF NO:
PIB 65161
November 1965

LOCATION:

0.8 nm N. of Cho Vue on an unnumbered route

DESCRIPTION:

25X1 WIDTH

150' Deck

MATERIAL WOOD

NO. OF SPANS undetermined

LENGTH OF EACH SPAN

undetermined

STATUS:

Approx. 75' of the bridge is destroyed, both abutments are intact.

COMPENSATIVE ACTION:

None



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, CI	A IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Xom Phuong Hwy. Bridge II Bridge No. 22 on NE 48-12	North Vietnam	17 32N - 106 33E XE 646 406
5X1		BRIEF NO: PIB 65162
MAP AMS L509 NE 4	8-12	November 1965

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

DESCRIPTION:

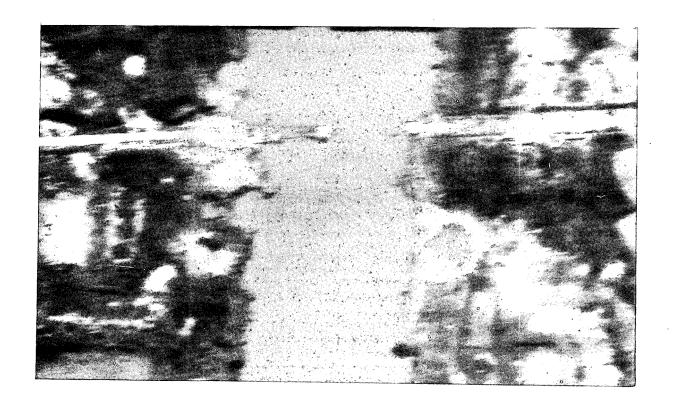
110' LENGTH WIDTH 10' TYPE Deck

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

STATUS:

Five spans destoyed, two spans heavily damaged, unserviceable.

COMPENSATIVE ACTION: None 25X1



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	CIA IMAGER	RY ANALYSIS DIVISION	
-	NAME	COUNTRY	COORDINATES
	Dong Giang Phuong Hwy. Bridge Bridge No. 27 on NE 48-11	North V iet nam	17 51N - 106 05E XE 155 753
25X1			BRIEF NO: PIB 65163
•	MAP AMS L509 NE 48-11		November 1965
-	LOCATION: O I nm S F of Dong Ciong I	baradarrani na no promid	70011to

DESCRIPTION:

25X1

75' approx. LENGTH

MATERIAL Wood

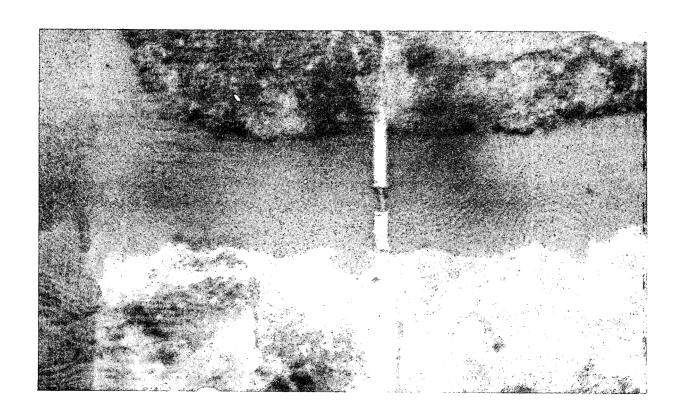
NO. OF SPANS 5 (probable)

LENGTH OF EACH SPAN 15' approx.

STATUS:

2 spans destroyed, serviceable to foot traffic only.

COMPENSATIVE ACTION:



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NAME ,	COUNTRY	COORDINATES
Dong Khe Hwy. Bridge		19 04N - 105 35E
Dong Khe Hwy. Bridge Bridge No. 25 on NE 48-3	North Vietnam	WG 618 081
		BRIEF NO:
		PIB 65164
MAP AMS L509 NE 48-3		November 1965

DESCRIPTION:

BESCHII TION

25X1 WIDTH

120' approx.

MATERIAL Steel and concrete NO. OF SPANS 3

LENGTH OF EACH SPAN

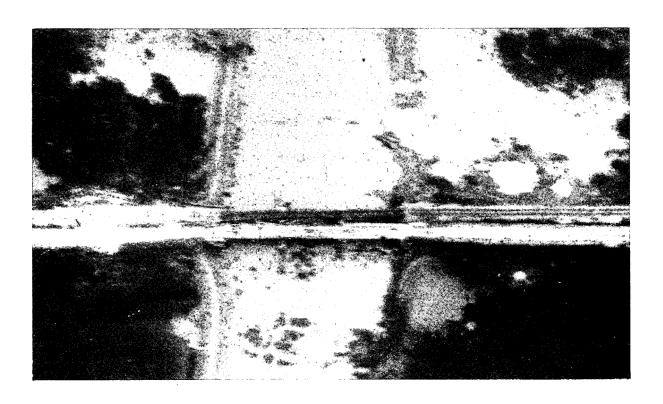
40' approx.

STATUS:

Decking has been moderately damaged.

COMPENSATIVE ACTION: None

Note: See PIB 65165 for adjacent R.R. Bridge



CIAIM	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Dong Khe R.R. Bridge Bridge No. 27 on NE 48-3	North Vietnam	19 04N - 105 35E WG 618 081
X1		BRIEF NO: PIB 65165
MAP AMS L509 NE 48-3		November 1965

LOCATION: 0.8 nm N. of Dong Khe on the Hanoi-Vinh Rail Line

DESCRIPTION:

25X1

LENGTH 120' approx.
WIDTH
TYPE Deck

material Steel and concrete no. of spans 3 LENGTH OF EACH SPAN 40' approx.

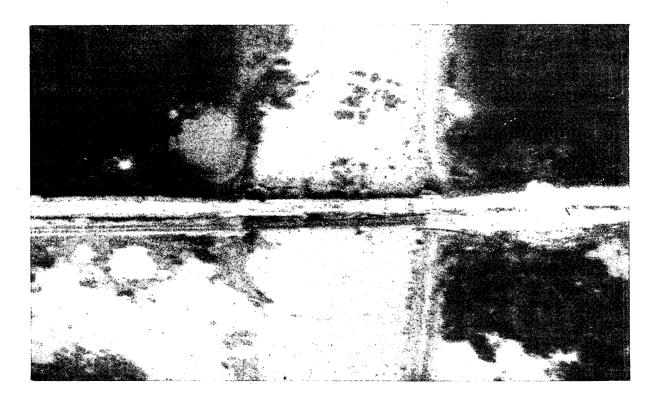
STATUS:

One abutment has been damaged, and one span dislocated. Approach interdicted.

COMPENSATIVE ACTION:

None

Note: See PIB 65164 for highway bridge shown on the photo below.



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CIA I	MAGERY ANALYSIS DIVISION	
NAME Ho Thuong Hwy. Bridge Bridge No. 26 on NE 48-3	COUNTRY	coordinates 19 32N - 105 47E WG 823 594
Bridge No. 26 on NE 48-3 5X1	North Vietnam	BRIEF NO:
MAP AMS L509 NE 48-3		PIB 65166 November 1965

LOCATION: 0 7 nm W. of Ho Thuong on an unnumbered route

DESCRIPTION:

60' approx. 25X1

Wood and steel

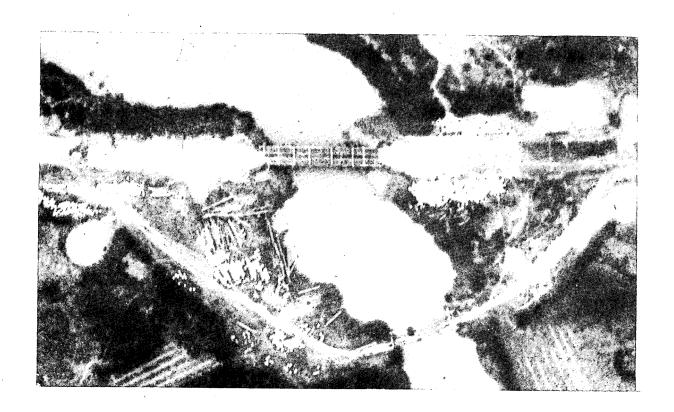
NO. OF SPANS

LENGTH OF EACH SPAN 1-15', 1-20', 1-25' approx.

STATUS: Original bridge was completely destroyed.

COMPENSATIVE ACTION:

New bridge under construction.



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	CIA II	MAGERY ANALYSIS DIVISION	
_	NAME	COUNTRY	COORDINATES
	Dien Le Hwy. Bridge Bridge No. 24 on NE 983	North Vietnam	19 02N - 105 37E WG 618 045
5X1			BRIEF NO: PIB 65167
	MAP AMS L509 NE 483		November 1965

0.6 nm N. of Dien Le on Route 1A

DESCRIPTION:

LENGTH HTOIW

LOCATION:

90' approx.

TYPE

10' approx.

Half-through truss

Steel

NO. OF SPANS probably 2

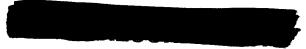
STATUS:

Span appears to be dropped off abutment.

COMPENSATIVE ACTION:

By-pass bridge west of bridge.

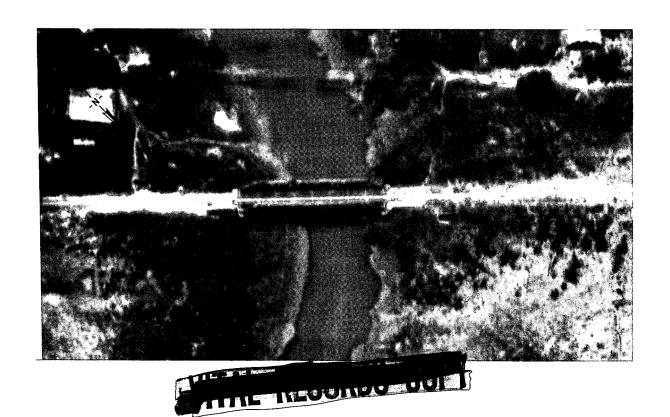




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_				
		CIA IMAGE	RY ANALYSIS DIVISION	
		Hop RR. Bridge over Ngoi	COUNTRY	COORDINATES
25X1	Нор			21 49N - 104 45E
	Bridge N	No. 26 on NF 48-10	North Vietnam	VK 752127
25X1				BRIEF NO:
				PIB 65167
	MAP	AMS L509 NF 48-10		April 1966
	LOCATION:	2.3 nm SW of Lang Dong on	Hanoi-Lao Cai Rail	Line.
	DESCRIPTION	N:		
25X1	LENGTH WIDTH	80' approx.	MATERIAL Steel a	nd concrete
20/1	TYPE	Half-through truss	LENGTH OF EACH SPAN	80' approx.
	STATUS:			
	Pre-	strike		
	compensati None			
25X1				



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CIA IM	AGERY ANALYSIS DIVISION	
N AME	COUNTRY	COORDINATES
Dao My Hwy. Bridge Bridge No. 63 on NE 48-7	North Vietnam	18 50N - 105 22E WF 393 834
X1		BRIEF NO: PIB 65168
<u>MAP AMS L509</u> NE 48-7		November 1965

LOCATION:

0.5 nm N.W. of Dao My on Route #72

DESCRIPTION:

LENGTH 160' approx. 25X1 Half-through truss MATERIAL Steel NO. OF SPANS 3 LENGTH OF EACH SPAN Steel and concrete

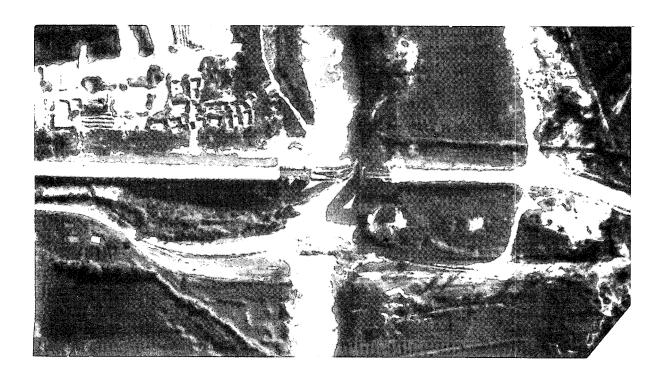
2 spans 40' each (approx.)
1 span 80' (approx.)

STATUS:

The center span (80') has been dropped. The bridge is unserviceable. The piers are intact.

COMPENSATIVE ACTION:

A ford has been built 100' west of the bridge.



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CIA	IMAGERY ANALYSIS DIVISION	
NAME Vinh Tuy Hwy. Bridge	COUNTRY	coordinates 22 16N 104 53E
Bridge No. 2 on NF 48-6	North Vietnam	VK 895 625
		BRIEF NO: PIB 65169
MAP AMS L509 NF 48	- 6	November 1965

DESCRIPTION:

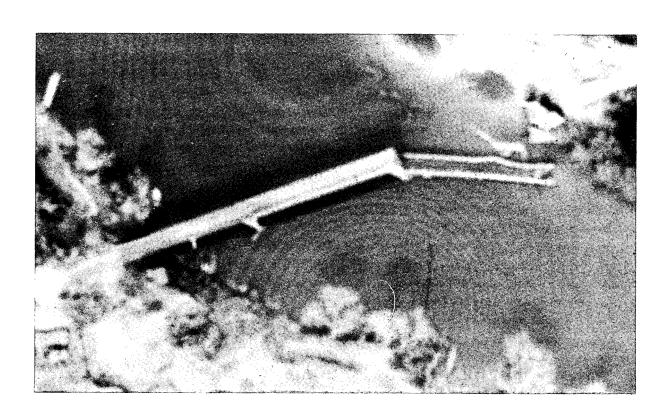
25X1

300' approx. LENGTH Deck

MATERIAL Timber, Concrete and steel NO. OF SPANS 1 LENGTH OF EACH SPAN 80', 100', 95', 25'

The 95' span is dropped and its structural members are distorted. STATUS: The adjacent approach span is destroyed. One pier is damaged.

COMPENSATIVE ACTION: None



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CIA I	MAGERY ANALYSIS DIVISION	
N AME	COUNTRY	COORDINATES
Cho Moi Hwy. Bridge		21 53N - 105 46E
Bridge No. 1 on NF 48-11	North Vietnam	WK 802 198
		BRIEF NO:
		P I B 65170
MAP AMS 1,509 NF 48-11		November 1965

25X1

0.4 nm S.W. of Cho Moi on Route No. 3

DESCRIPTION:

LOCATION:

LENGTH WIDTH

100' approx.

10' approx.

Deck

MATERIAL

Probably steel and concrete

NO. OF SPANS

LENGTH OF EACH SPAN

50' approx.

STATUS:

TYPE

Unserviceable, one span out of alignment, one abutment and one approach destroyed.

COMPENSATIVE ACTION:



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_			
-	CIA I	MAGERY ANALYSIS DIVISION	
-	N AME	COUNTRY	COORDINATES
	Tien Lang Hwy. Bridge Bridge No. 29 on NE 48-11	North Vietnam	17 47N - 106 18E XE 383 668
5X1			BRIEF NO: PIB 65171
'	MAP AMS 1,509 NE 48-11		November 1965

LOCATION:

0.6 nm N.W. of Tien Lang on Route 101

DESCRIPTION:

LENGTH WIDTH

70' approx.

10' approx. TYPE

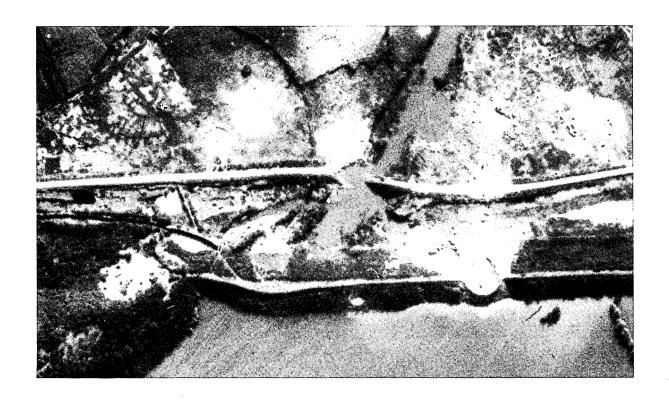
Deck

NO. OF SPANS probably 2 LENGTH OF EACH SPAN 35' approx.

STATUS:

1 span destroyed, 1 span dropped. 1 abutment destroyed.

COMPENSATIVE ACTION:



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CIAI	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Ban Pa Ang Hwy. Bridge		21 34N - 103 16E
Bridge No. 16 on NF 48-9	North Vietnam	UJ 205 855
5X1	•	BRIEF NO:
		PIB 65172
MAP AMS L509 NF 48-9		November 1965

LOCATION:

0.2 nm S.E. of Ban Pa Ang on Route 19

DESCRIPTION:

LENGTH WIDTH 25X1

70' approx. No. of spans 1
Half-through truss

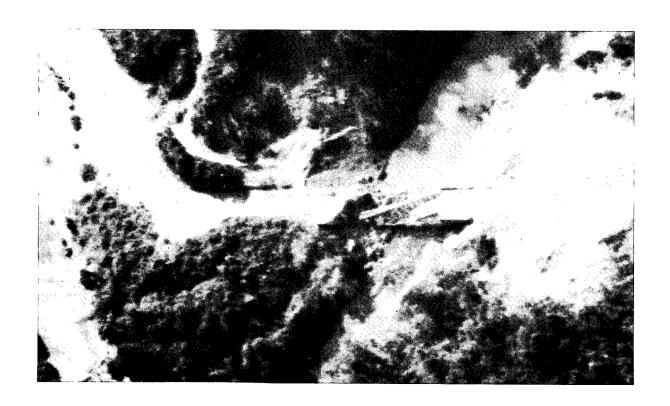
MATERIAL Steel and concrete
No. of spans 1
LENGTH OF EACH SPAN 70' approx.

Steel and concrete

STATUS:

Span is dropped from one end and twisted. One abutment heavily damaged.

COMPENSATIVE ACTION:



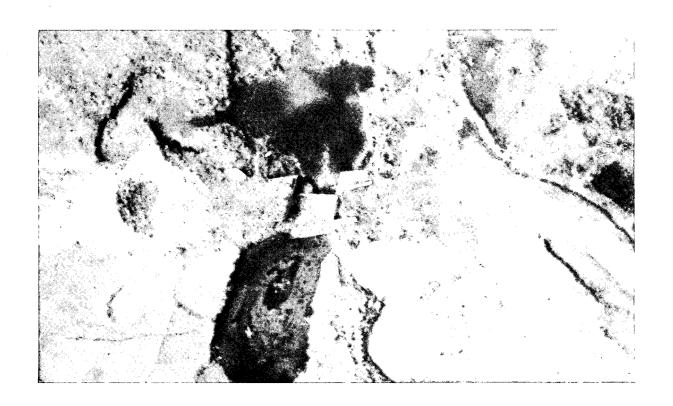
Approved For Release 2002/08/12019-PAP78T05161A001600020001-0

-		CIA I	MAGERY ANALYSIS DIVISION	
_	N AME		COUNTRY	COORDINATES
		Wy. Bridge 5 on NF 48-9	North Vietnam	21 30N - 103 07E UJ 065 796
(1				BRIEF NO: PIB 65173
	MAP	AMS L509 NF 48-9		November 1965
	LOCATION:	0.6 nm N.E. of Ban Ta	o on Route 19	
	DESCRIPTION	۷:		
1	LENGTH WIDTH TYPE	40' approx. Deck	MATERIAL CONCY NO. OF SPANS 2 LENGTH OF EACH SPAN	ete and steel 20' approx.

STATUS:

One span dropped. Both abutments are intact.

COMPENSATIVE ACTION:



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CI	CIA IMAGERY ANALYSIS DIVISION		
N AMÉ .	COUNTRY	COORDINATES	
Ban Poun Co Hwy. Bridge Bridge No. 17 on NF 48-9	North Vietnam	21 33N - 103 18E UJ 247 845	
5X1		BRIEF NO: PIB 65174	
MAP AMS L509 NF 48-9		November 1965	

LOCATION:

0.6 nm S. of Ban Poun Co on Route 19

DESCRIPTION:

WIDTH

LENGTH 60' approx.

NO. OF SPANS]

MATERIAL Concrete and timber

20' approx.

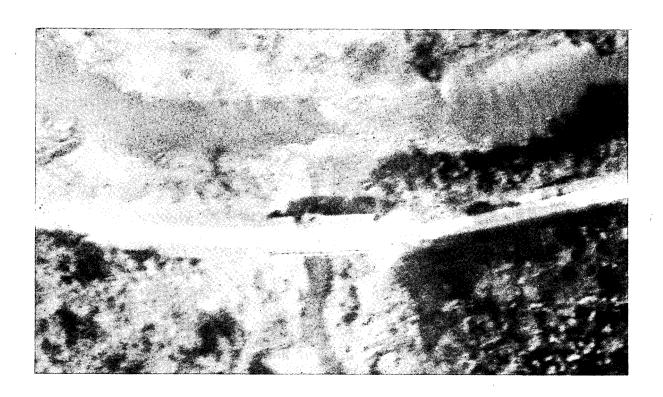
Deck

LENGTH OF EACH SPAN 60' approx.

STATUS:

Slight deck and side-rail damage, bridge is serviceable.

COMPENSATIVE ACTION: None



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CIAI	CIA IMAGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES	
Tran Xa Hwy. Bridge Bridge No. 23 on NE 48-12	North Vietnam	17 21N - 106 38E XE 733 188	
5X1		BRIEF NO: PIB 65175	
MAP AMS L509 NE 48-1	.2	November 1965	

LOCATION:

0.7 nm W. of Tran Xa on Route 101 (Formerly a R.R. Bridge)

DESCRIPTION:

LENGTH HTQIW

40' approx.

10' approx.

Half-through truss

Steel and Concrete

LENGTH OF EACH SPAN 40' approx.

STATUS:

TYPE

The span has been dropped from one end. Both abutments are damaged.

COMPENSATIVE ACTION:

There is a ford approximately 300' from the bridge.



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CIA IMAGERY ANALYSIS DIVISION				
NAME	COUNTRY	COORDINATES		
Kiem Tam Hwy. Bridge II		19 24N - 105 45E		
Bridge No. 28 on NE 48-3	North Vietnam	WG 790 453		
		BRIEF NO:		
		PIB 65176		
MAP AMS L509 NE 4	8-3	November 1965		

25X1

LOCATION:

0.5 nm E. of Kiem Tam on Route #1

DESCRIPTION:

WIDTH TYPE

LENGTH 100' approx. 10' approx.

Deck

Wood NO. OF SPANS 2

LENGTH OF EACH SPAN

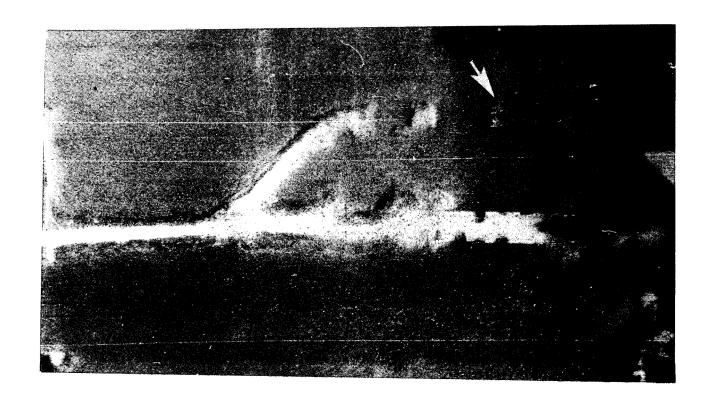
50' approx.

STATUS:

Completely destroyed, only center pier remaining. Arrow indicates bridge.

COMPENSATIVE ACTION: None

Note: The adjacent bridge is found on PIB 65177



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CIA	IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Kiem Tam Hwy. Bridge I Bridge No. 4 on NE 48-3	North Vietnam	19 24N - 105 45E WG 790 453
		BRIEF NO:
		PIB 65177
MAP AMS L509 NE 48-3		November 1965

25X1

LOCATION: 0.5 nm E. of Kiem Tam on Route #lA

DESCRIPTION:

LENGTH

90' approx.

WIDTH TYPE

20' approx.

Deck

MATERIAL Concrete and steel

NO. OF SPANS 2 LENGTH OF EACH SPAN

45' approx.

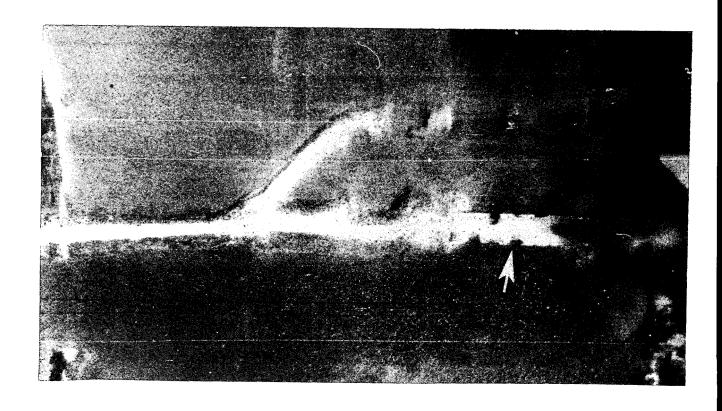
STATUS:

The deck of the bridge has been heavily damaged, no damage to piers or abutments. Arrow indicates bridge.

COMPENSATIVE ACTION:

None

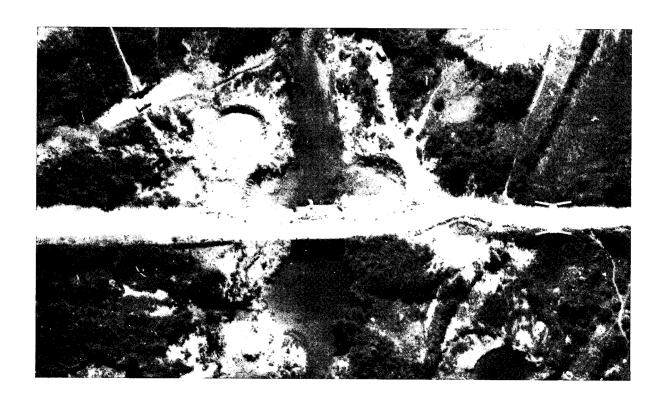
Note: The adjacent bridge is found on PIB 65176



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NAM		CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINA	TES
Ngu	u Son Hwy Bridge dge No. 28 on NE 48-11		- 106 29E
X1	dge No. 20 On Nr. 40-11	BRIEF NO: PIB 65	178
LOC	AP AMS 1,509 NE 48-	-11 November	er 1965
DES	1.1 nm S.W. of Ngu	u Son on Route 1A	
5X1 LE	ENGTH	a Son on Route 1A MATERIAL Concrete NO. OF SPANS 3	· .
5X1 LE	SCRIPTION:	MATERIAL Concrete	
X1 LE WI	CCRIPTION: ENGTH IDTH YPE Deck TUS:	MATERIAL CONCrete NO. OF SPANS 3	



Approved For Release 2002/08/12D CHTRD P78T05161A001600020001-0

	CIA IMAGERY ANALYSIS DIVISION		
	NAME	COUNTRY	COORDINATES
	Muong La Hwy. Bridge Bridge No. 33 on NF 48-10	North Vietnam	21 22N - 103 55E UJ 878 625
25X1			BRIEF NO: PTB 65179
	MAP AMS L509 NF 48-10		November 1965

LOCATION: At Muong La on Route 601

DESCRIPTION:

25X1

WIDTH TYPE Deck

MATERIAL Wood probably
NO. OF SPANS 1
LENGTH OF EACH SPAN 35' approx.

STATUS:

Completely destroyed.

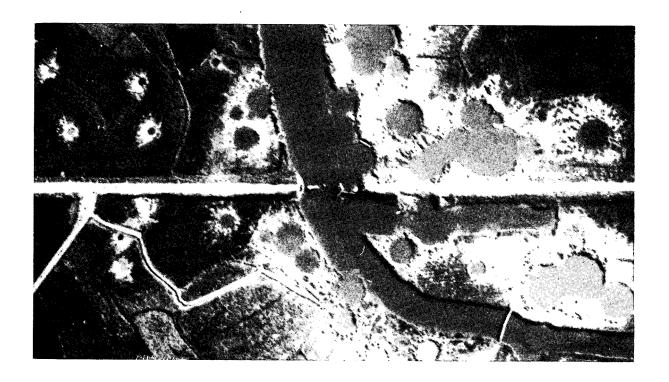
COMPENSATIVE ACTION:

Near-by foot bridge and adjacent ford.



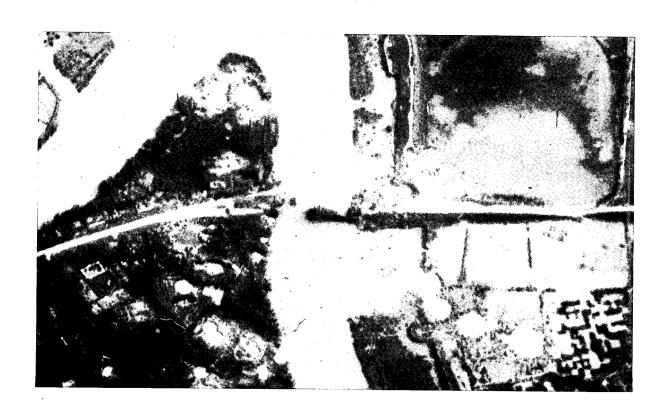
Approved For Release 20(27)(8/14) ENP78T05161A001600020001-0

	CIA IM	AGERY ANALYSIS DIVISION	
•	N AME	COUNTRY	COORDINATES
	Dia Dong Hwy. Bridge		18 06N - 106 16E
	Bridge No. 26 on NE 48-7	North Vietnam	XF 350 020
X1			BRIEF NO:
			PIB 65180
_	MAP AMS L 509 NE 48-7		November 1965
	LOCATION: 0.5 nm S.E. of Dia Dong	g on Route 1A	
	DESCRIPTION:		
	LENGTH 120'	MATERIAL Concr	ete
X1	WIDTH TYPE	NO. OF SPANS 3	
// \ I	Deck	LENGTH OF EACH SPAN	40 '
	STATUS:		
	3 spans destroyed, 2 p	piers damaged	
	COMPENSATIVE ACTION: None		
- v a [
5X1			



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		ERY ANALYSIS DIVISION	
	Name Ngoc Luy Hwy. Bridge Bridge No. 27 on NE 48-7	North Vietnam	COORDINATES 18 21N - 105 52E WF 922 303
25X1	MAP AMS L509 NE 48-7	•	BRIEF NO: PIB 65181 November 1965
	O.3 nm E. of Ngoc Luy on Description:	Route 1A	
25X1	LENGTH 80' approx. WIDTH TYPE Deck	MATERIAL WOOD NO. OF SPANS 4 LENGTH OF EACH SPAN 201	approx.
	status: Completely destroyed		
	COMPENSATIVE ACTION: Ford	_	
25X1			



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
B. Sop Cop Hwy. Bridge II Bridge No. 6 on NF 48-14	North Vietnam	20 56N - 103 36E W 556 158	
		BRIEF NO:	
		PIB 65182	
MAP AMS L509 NF 48-14		November 1965	

LOCATION:

25X1

0.2 nm E. of B. Sop Cop on an unnumbered route

DESCRIPTION:

LENGTH WIDTH TYPE 50' approx. undetermined

undetermined

MATERIAL WOOD

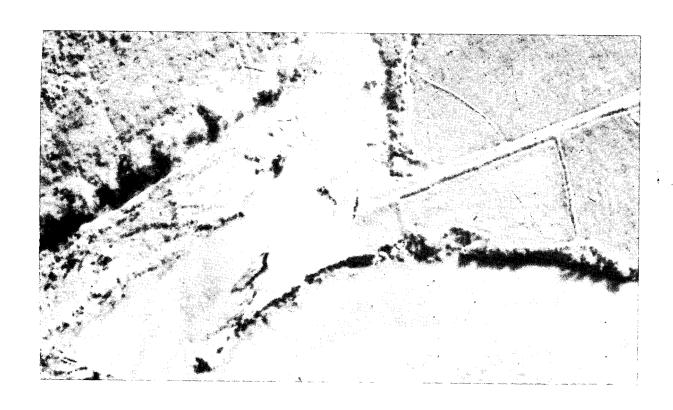
NO. OF SPANS undetermined LENGTH OF EACH SPAN undetermined

STATUS:

Destroyed

COMPENSATIVE ACTION:

None apparent



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Ban Pieng Hom Hwy. Bridge		19 21N - 104 13E	
Bridge No. 3 on NE 48-2	North Vietnam	VG 184 415	
	•	BRIEF NO:	
		PIB 65183	
MAP AMS L509 NE 48-2		November 1965	

LOCATION: 1.0 nm N.W. of Ban Pieng Hom on Route 7

DESCRIPTION:

STATUS:

LENGTH 150' approx.
WIDTH 10' approx.

MATERIAL Concrete
NO. OF SPANS 3
LENGTH OF EACH SPAN

3**-**50'

Deck

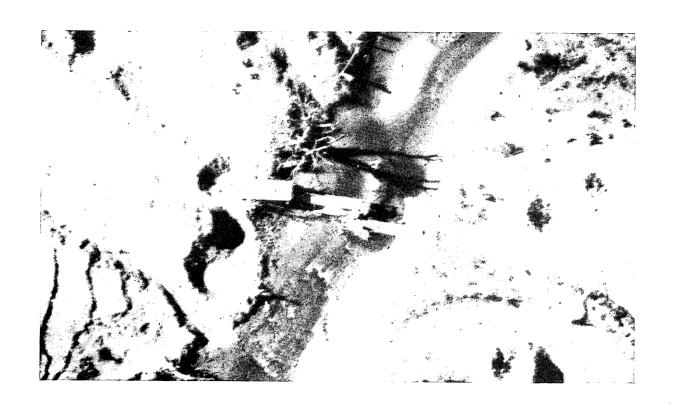
2 spans heavily damaged, 1 abutment destroyed

COMPENSATIVE ACTION:

Ford

25X1

25X1



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	CIA IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Qui Chau Hwy. Bridge Bridge No. 29 on NE 48-3	North Vietnam	19 34N - 105 04E WG 075 642
5X1		BRIEF NO:
3/1		P I B 65184
MAP AMS L509 NE 4	8-3-29	November 1965

LOCATION:

2.0 nm N.W. of Qui Chau on Route #116

DESCRIPTION:

LENGTH WIDTH

TYPE

Deck

70' approx.

unknown

MATERIAL Timber

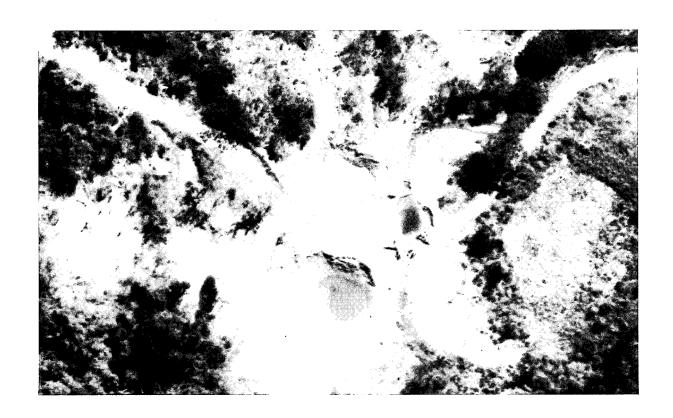
No. of Spans 2 probably

LENGTH OF EACH SPAN 35' approx.

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:



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	CIA IM	MAGERY ANALYSIS DIVISION	
	NAME	COUNTRY	COORDINATES
	Ban Bung Hwy. Bridge Bridge No. 13 on NF 48-9	North Vietnam	21 32N - 103 19E UJ 265 825
25X1		-	BRIEF NO:
	MAP AMS L 509 NF 48-9		PIB 65185 November 1965

LOCATION:

0.8 nm W. of Ban Bumg on Route 19

DESCRIPTION:

25X1

WIDTH
TYPE

Deck

 ${\tt MATERIAL}\ {\tt Wood}\ {\tt and}\ {\tt concrete}$

NO. OF SPANS 2

LENGTH OF EACH SPAN)

451

STATUS:

One half of span destroyed. Abutments and pier are undamaged. West approach interdicted by earth slides.

COMPENSATIVE ACTION:

Possible ford under construction.



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C	CIA IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Nhi Thyen Hwy. Bridge Bridge No. 18 on NE 48-12	North Vietnam	17 25N - 106 36E XE 702 268
5X1	NOI OII VIEGIAM	BRIEF NO:
5X1		PIB 65186
MAP AMS L509 NE 4	8-12	November 1965

LOCATION:

0.7 nm W. of Nhi Thuyen on Route 101

DESCRIPTION:

105' LENGTH WIDTH 10'

Half-through truss

Steel and concrete with timber deck

NO. OF SPANS

LENGTH OF EACH SPAN

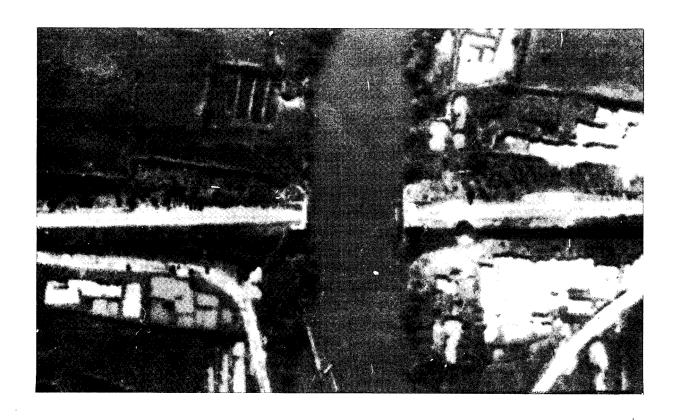
105'

STATUS: Span completely destroyed, abutments intact.

COMPENSATIVE ACTION:

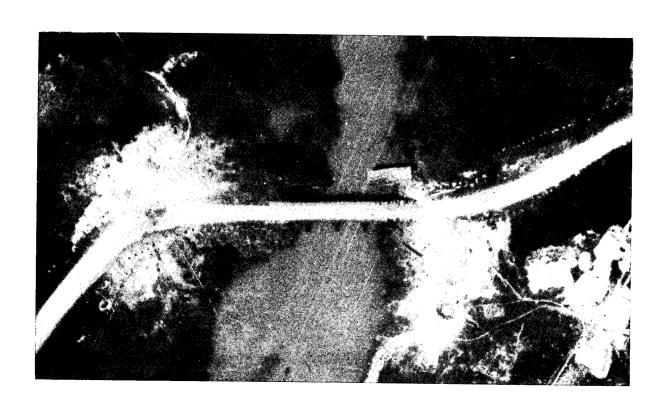
Ford 300' east.

25X1



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CIA	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Son Chan Hwy. Bridge		19 19N - 105 43E
Bridge No. 31 on NE 48-3	North Vietnam	WG 758 370
		BRIEF NO:
		PIB 65187
LOCATION: 0 3 W. F. C. C. C.	1 8-3	November 1965
DESCRIPTION: LENGTH WIDTH TYPE Deck	material Concre no. of spans 6 length of each span	te
status: 2 spans dropped, 1 a	butment damaged, l pier de	estroyed.
compensative action: Bridge has	been repaired.	



Approved For Release 2002/08/12 DENTROP78T05161A001600020001-0

CIA	MAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Phong Bai Hwy. Bridge		19 21N - 105 43E
Bridge No. 30 on NE 48-3	North Vietnam	WG 765 405
	•	BRIEF NO:
		PIB 65188
MAP AMS L509 NE 48-3		November 1965

LOCATION: 0.4 nm W. of Phong Bai on Route 1A

DESCRIPTION:

LENGTH

80' approx. WIDTH

TYPE Deck MATERIAL Timber and concrete

NO. OF SPANS

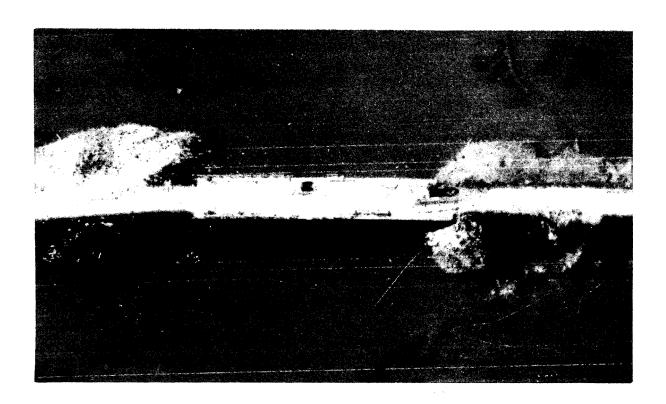
LENGTH OF EACH SPAN 20' approx.

STATUS:

25X1

Minor deck damage.

COMPENSATIVE ACTION:



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_					
•			CIA IMAC	SERY ANALYSIS DIVISI	ON
•	NAME	4		COUNTRY	COORDINATES
		e Hwy. Bridge No. 11 on NI		North Vietnam	17 59N - 105 56E WE 988 877
(1	MAP	MC TEOO	1. O 7.7		BRIEF NO: PIB 65189
•	LOCATION:	MS L509	NE 48-11		November 1965
	DESCRIPTIO		'Xom Khe on a	n unnumbered high Hoi rail	way (abandoned Vinh-Dong line)
(1	LENGTH WIDTH TYPE	200' approx. Deck		MATERIAL Steemoo.of spans 3 plength of each st	el with concrete abutments probably 2-30' approx. 1-140' approx.
	STATUS:		n is destroyed e pier destroy		n is severely damaged.
	COMPENSAT	IVE ACTION:	TT		



Approved For Release 200@08170 EMTRAP78T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Trai Tranh Xom R.R. Bridge Bridge No. 69 on NE 48-7	North Vietnam	18 05N - 105 48E WE 852 990	
		BRIEF NO:	
		PIB 65190	
MAP AMS L509 NE 48-7		November 1965	

LOCATION:

25X1

0.6 nm S.W. of Trai Tranh Xom on the Vinh-Dong Hoi R.R.

DESCRIPTION:

LENGTH WIDTH

Undetermined

TYPE

Undetermined

Probable Deck

Steel, concrete probable

NO. OF SPANS Undetermined

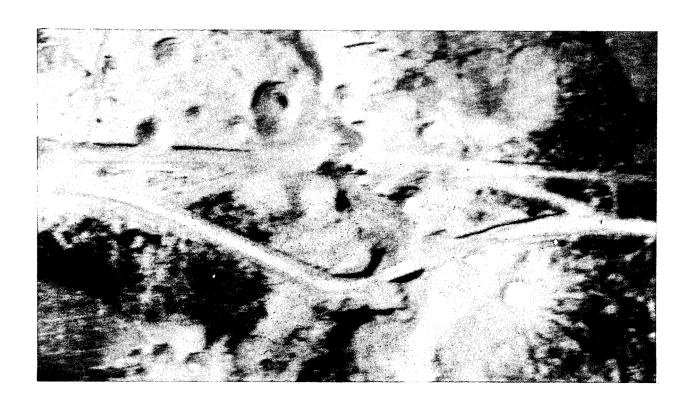
LENGTH OF EACH SPAN Undetermined

STATUS:

Destroyed

COMPENSATIVE ACTION:

None-an abandoned rail line. Highway bridge 150' East of R.R. Bridge untouched by bombing.



Approved For Release 2062011 F12 ENA FAIP 78T05161A001600020001-0

Approved For Release 2002/88/12 DEN TIAL 78T05161A001600020001-0

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Tu Dung Hwy. Bridge	1	18 12N - 106 07E	
Bridge No. 14 on NE 48-7	North Vietnam	XF 180 139	
	•	BRIEF NO:	
		P T B 65191	
MAP AMS L509 NE 48-7		November 1965	

25X1

0.7 nm N. of Tu Dung on Route #LA

DESCRIPTION:

LOCATION:

LENGTH 200' approx. WIDTH

10' approx. TYPE Deck

MATERIAL Wood, concrete, steel

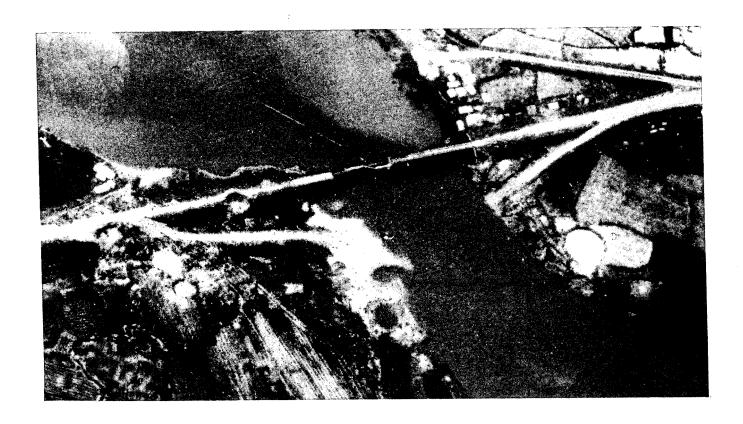
NO. OF SPANS 8 probably LENGTH OF EACH SPAN 25' approx.

STATUS:

One span destroyed and one span heavily damaged.

COMPENSATIVE ACTION:

Ford



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Ben Quang Hwy. Bridge Bridge No. 24 on NE 48-12		17 02N - 106 55E	
Bridge No. 24 on NE 48-12	North Vietnam	YD 043 837	
		BRIEF NO:	
		P I B 65192	
MAP AMS L509 NE 48-12		November 1965	

25X1

LOCATION: 0.5 nm N.W. of Ben Quang on Route 102

DESCRIPTION:

LENGTH

100' approx. MATERIAL
15' approx. NO. OF SPANS
LENGTH OF EA

Steel

WIDTH TYPE

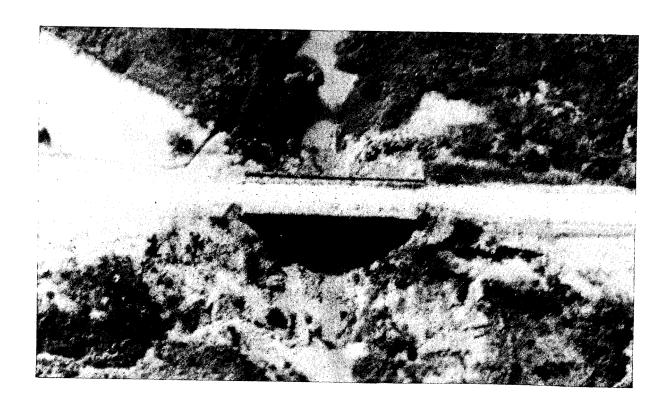
Deck

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

STATUS:

Slight damage at both ends. Bridge serviceable.

COMPENSATIVE ACTION:



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CIA IM	AGERY ANALYSIS DIVISION	,
NAME	COUNTRY	COORDINATES
Badon Hwy. Bridge Bridge No. 26 on NE 48-11	North Vietnam	17 45N - 106 25E XE 505 636
		BRIEF NO:
		P I B 65193
MAP AMS L509 NE 48-11		November 1965

LOCATION:

25X1

0.5 nm W. of Badon on Route 110

DESCRIPTION:

LENGTH 60' approx. WIDTH

10' approx.

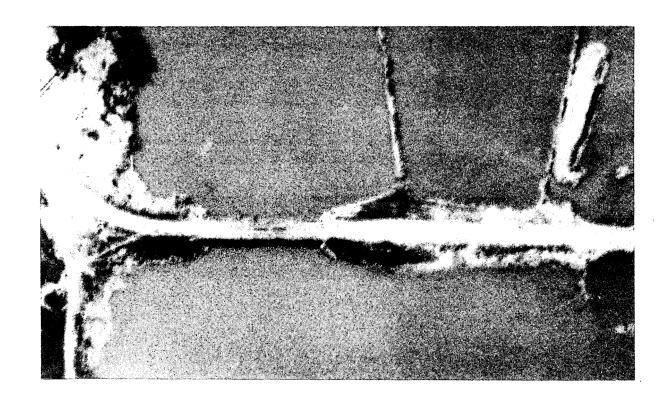
TYPE Deck Timber

NO. OF SPANS 3 LENGTH OF EACH SPAN 201 approx.

STATUS:

Deck damage to center span.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION				
NAME	COUNTRY	COORDINATES		
Xom Hang Hwy. Bridge Bridge No. 70 on NE 48-7	North Vietnam	18 10N - 106 13E XF 285 101		
		BRIEF NO:		
		PIB 65194 November 1965		
MAP AMS L509 NE 48-7		November 1965		

25X1

O.5 nm N. of Xom Hang on Route 1A

DESCRIPTION:

LENGTH 601

WIDTH 10'

TYPE Deck Concrete and steel

LENGTH OF EACH SPAN

301

STATUS:

Two spans destroyed, one pier damaged, abutments intact, bridge unserviceable.

COMPENSATIVE ACTION:

Ford



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CIA IMA	GERY ANALYSIS DIVISION	
NAME Hung Long Hwy. Bridge Bridge No. 71 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 23N - 105 47E WF 841 330
MAP AMS L509 NE 48-7		BRIEF NO: PIB 65195 November 1965

0.5 nm S. of Hung Long on an unnumbered Route

DESCRIPTION:

25X1

25X1

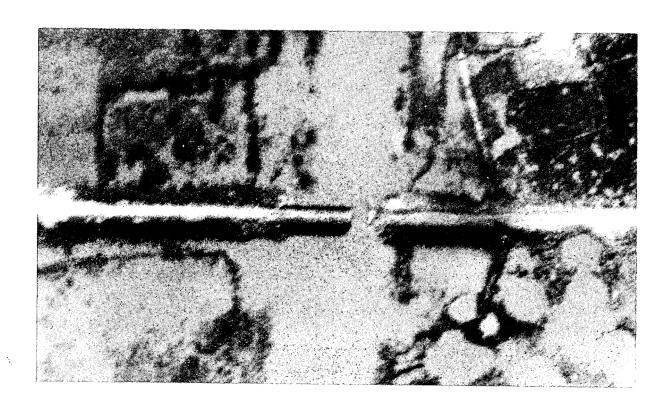
WIDTH TYPE Deck

MATERIAL Probably steel reinforced concrete NO. OF SPANS probably 2 LENGTH OF EACH SPAN 50'

STATUS:

One span 50% destroyed, one abutment damaged. Bridge unserviceable.

COMPENSATIVE ACTION:



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	CIA IMAGERY ANALYSIS DIVISION	
NAME	COUNTRY	COORDINATES
Ninh Xa Hwy. Bridge Bridge No. 59 on NE 48-7	North Vietnam	18 30N - 105 43E WF 768 460
5X1		
MAP AMS L509 NE 48	MAP AMS L509 NE 48-7	

LOCATION:

0.2 nm N.E. of Ninh Xa on Route 1A

DESCRIPTION:

25X1

width Deck

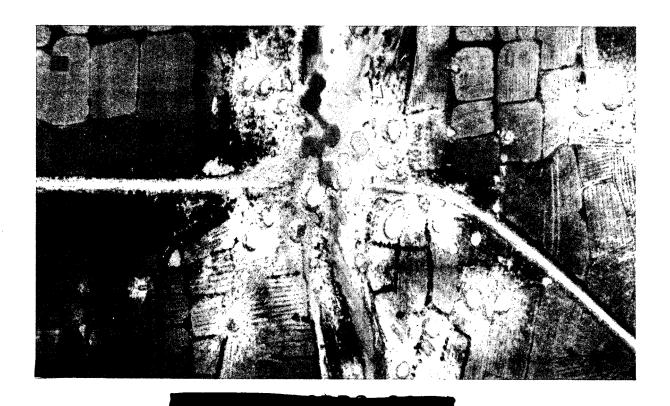
MATERIAL Concrete
NO. OF SPANS 2 probably
LENGTH OF EACH SPAN 45'

STATUS:

Bridge and abutments completely destroyed.

COMPENSATIVE ACTION:

Probable ford.



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		CIA IMAGE	RY ANALYSIS DIVISION		
N A	NAME		COUNTRY	COORDINATES	
	Thien Linh Dong Hwy. Bridge Bridge No. 32 on NE 48-3		North Vietnam	19 43N - 105 42E WG 748 809	
(1	A160 7 506			BRIEF NO: PIB 65197	
MA	MAP AMS L509 NE 48-3			November 1965	
(1 w	SCRIPTION: LENGTH 10' appr MIDTH 10' appr TYPE Deck	ox.	MATERIAL WOOD NO. OF SPANS 8 LENGTH OF EACH SPAN		25
STA	atus: Two spar vehicles	_	ier heavily damaged.	Bridge impassible to	
COM	MPENSATIVE ACTION:	Spans are being r	epaired.		

