

CIA IMAGERY ANALYSIS DIVISION

NAME Lang Bun R. R Bridge Bridge No. 1 on NF 48-6	COUNTRY North Vietnam	COORDINATES 22 09N/104 23E VK 368493
MAP AMS L509 NF 48-6		BRIEF NO: PIB - 65001

25X1

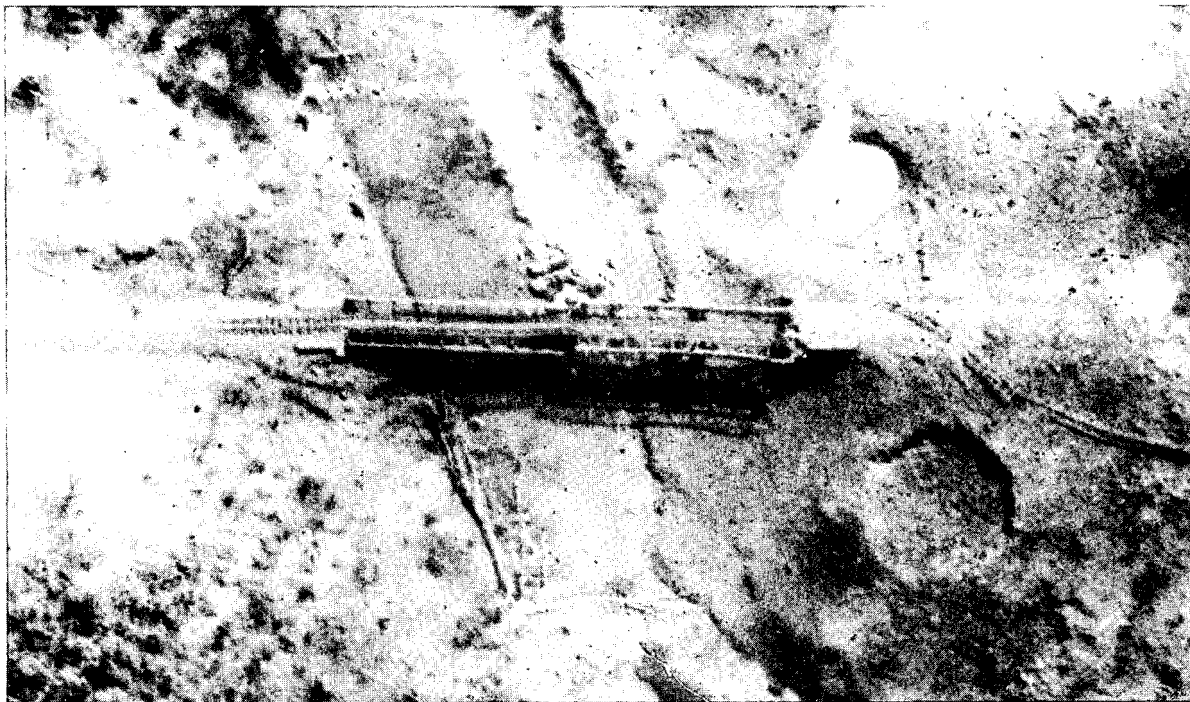
LOCATION: 0.5 nm NE of Lang Bun on the Hanoi - Lao Cai Rail Line

DESCRIPTION:

LENGTH	150'	MATERIAL	Steel and Concrete
WIDTH	Single Track	NO. OF SPANS	2
TYPE	Half-through Truss	LENGTH OF EACH SPAN	75'

STATUS: Moderately damaged, super structure twisted and in poor alignment, rail line interdicted on both approaches

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Lang Bun R. R. Bridge Bridge No. 1 on NF 48-6		COUNTRY North Vietnam	COORDINATES 22 09N/104 23E VK 368493
MAP AMS 1509 NF 48-6		BRIEF NO: PTB - 65002	

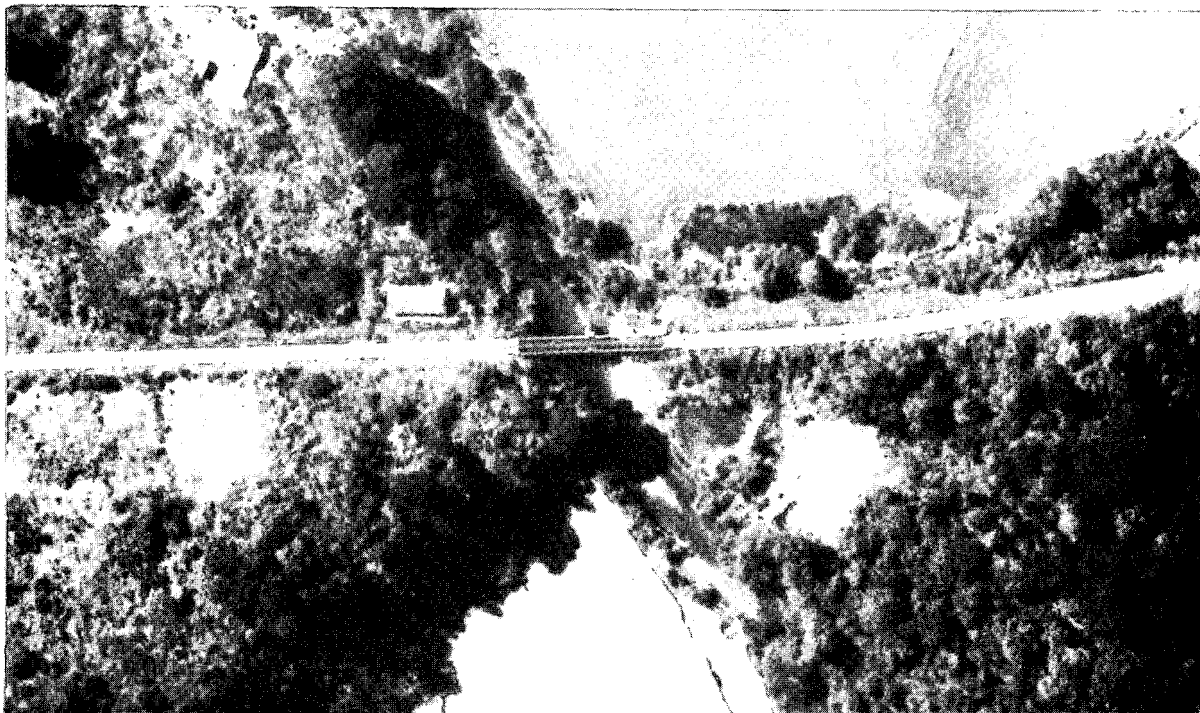
LOCATION: 0.5 nm NE of Lan Bun, on the Hanoi - Lao Cai Rail Line

DESCRIPTION:

LENGTH	150'	MATERIAL	Steel and Concrete
WIDTH	Single Track	NO. OF SPANS	2
TYPE	Half-through Truss	LENGTH OF EACH SPAN	75'

STATUS: Pre-strike

COMPENSATIVE ACTION:



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GROUP 1
Excluded from automatic
downgrading and declassification

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CIA IMAGERY ANALYSIS DIVISION

NAME Ngoc Luy Highway Bridge Bridge No. 27 NE 48-7	COUNTRY North Vietnam	COORDINATES 18 21N - 105 52E WF 922303
[Redacted]		BRIEF NO: PTB - 65003

25X1

MAP AMS 1509 NE 48-7

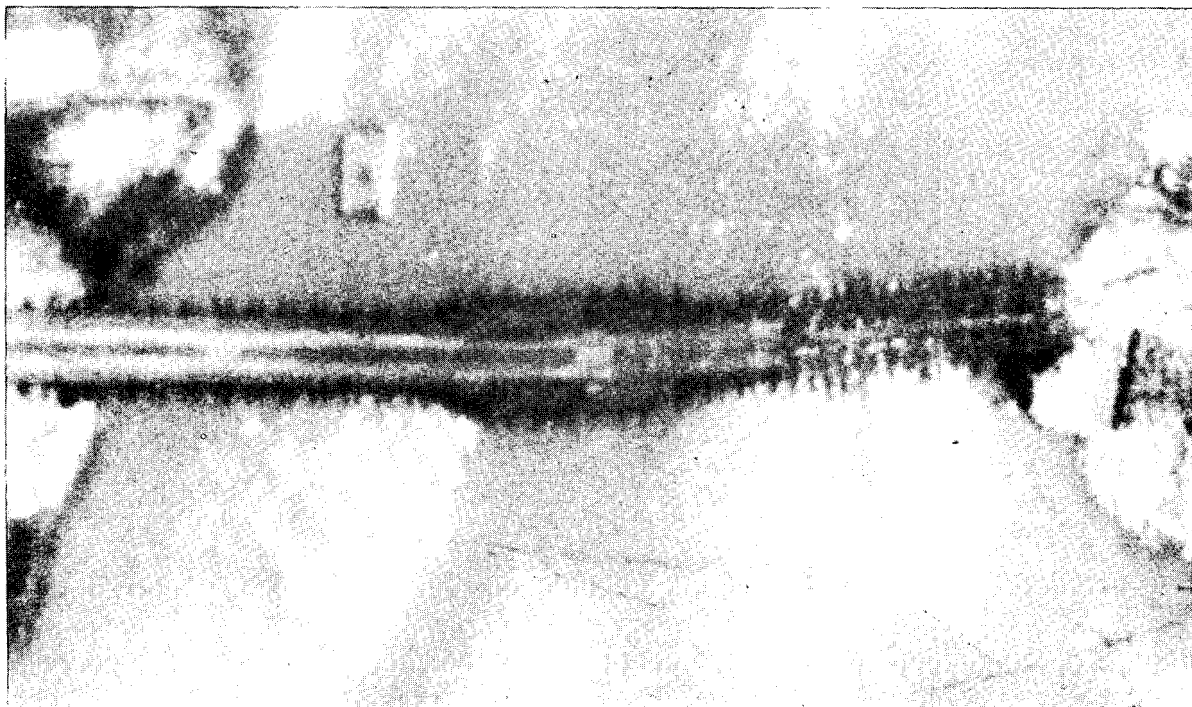
LOCATION: 0.3 nm East of Ngoc Luy on Route 1

DESCRIPTION:

LENGTH	140' (approx.)	MATERIAL	Wood & Concrete
WIDTH	10' (approx.)	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	2-70'

STATUS: Unserviceable on East End

COMPENSATIVE ACTION: None



[Redacted]

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CIA IMAGERY ANALYSIS DIVISION

NAME Ngoc Luy Highway Bridge Bridge No. 27 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 21N - 105 52E WF 922303
MAP AMS T509 NE 48-7		BRIEF NO: PIB - 65004

25X1

LOCATION: 0.3 nm East of Ngoc Luy on Route 1

DESCRIPTION:

LENGTH 140' (approx.)
 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



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Da Ben Highway Bridge Bridge No. 16 on NE 48-7	North Vietnam	18 25N - 105 48E WF 851362
[REDACTED]		BRIEF NO:
MAP	AMS 1509 NE 48-7	PIB - 65006

25X1

LOCATION: 0.2 nm N.E. Da Ben on Route 1

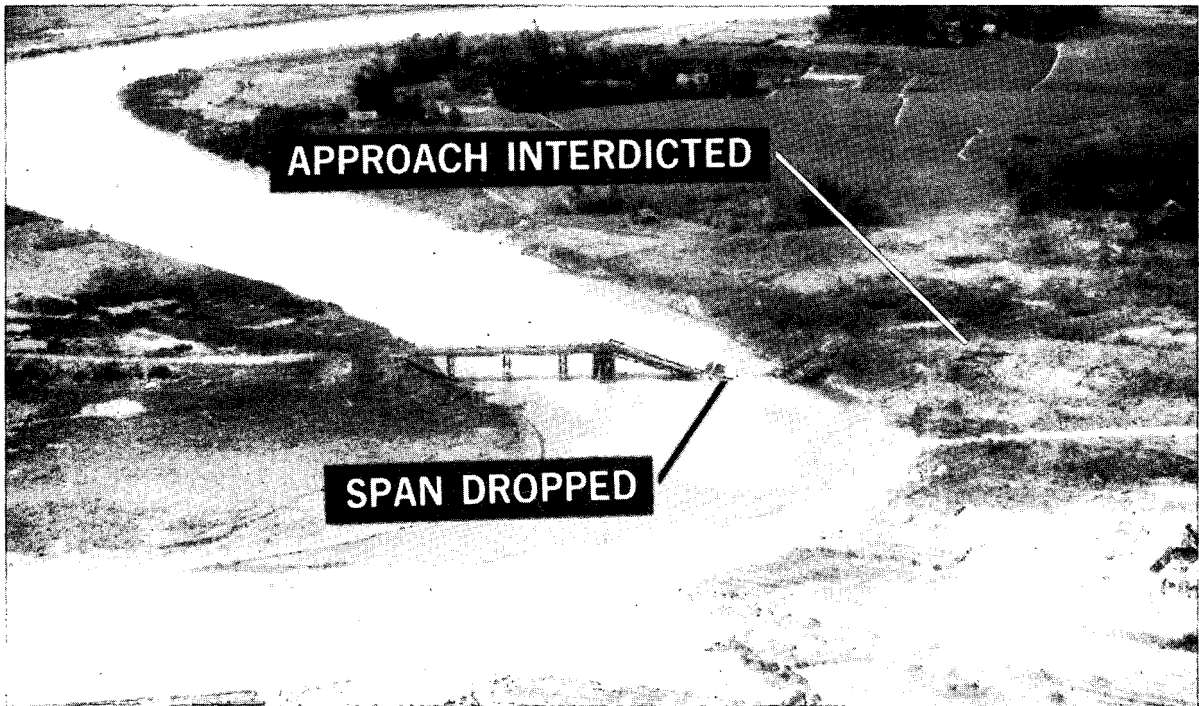
DESCRIPTION:

LENGTH	250'	MATERIAL	Steel and Concrete
WIDTH	[REDACTED]	NO. OF SPANS	5
TYPE	Deck and Half-through Truss	LENGTH OF EACH SPAN	1-125, 3-35, 1-20'

25X1

STATUS: Heavily damaged, 1 span dropped, approach interdicted

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

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

25X1

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

DESCRIPTION:

LENGTH	160'	MATERIAL	Steel and Concrete
WIDTH	10'	NO. OF SPANS	8
TYPE	Deck	LENGTH OF EACH SPAN	20'

STATUS: Completely destroyed

COMPENSATIVE ACTION: None



25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME Sam Dinh Highway Bridge Bridge No. 20 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 24N - 105 42E WF 750358
25X1 		BRIEF NO:
MAP AMS L509 NE 48-7		PIB - 65008

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

DESCRIPTION:

LENGTH	160'	MATERIAL	Steel and Concrete
WIDTH	10'	NO. OF SPANS	8
TYPE	Deck	LENGTH OF EACH SPAN	20'

STATUS: Pre-strike

COMPENSATIVE ACTION: None



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GROUP 1
 Excluded from automatic
 downgrading and declassification

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CIA IMAGERY ANALYSIS DIVISION

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

25X1

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

DESCRIPTION:

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

STATUS: Two spans destroyed, 1 span undamaged

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Ca Nan Highway Bridge Brudge No. 1 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 20N - 104 16E VG 241391
MAP AMS I509 NE 48-2		BRIEF NO: PIB - 65010

25X1

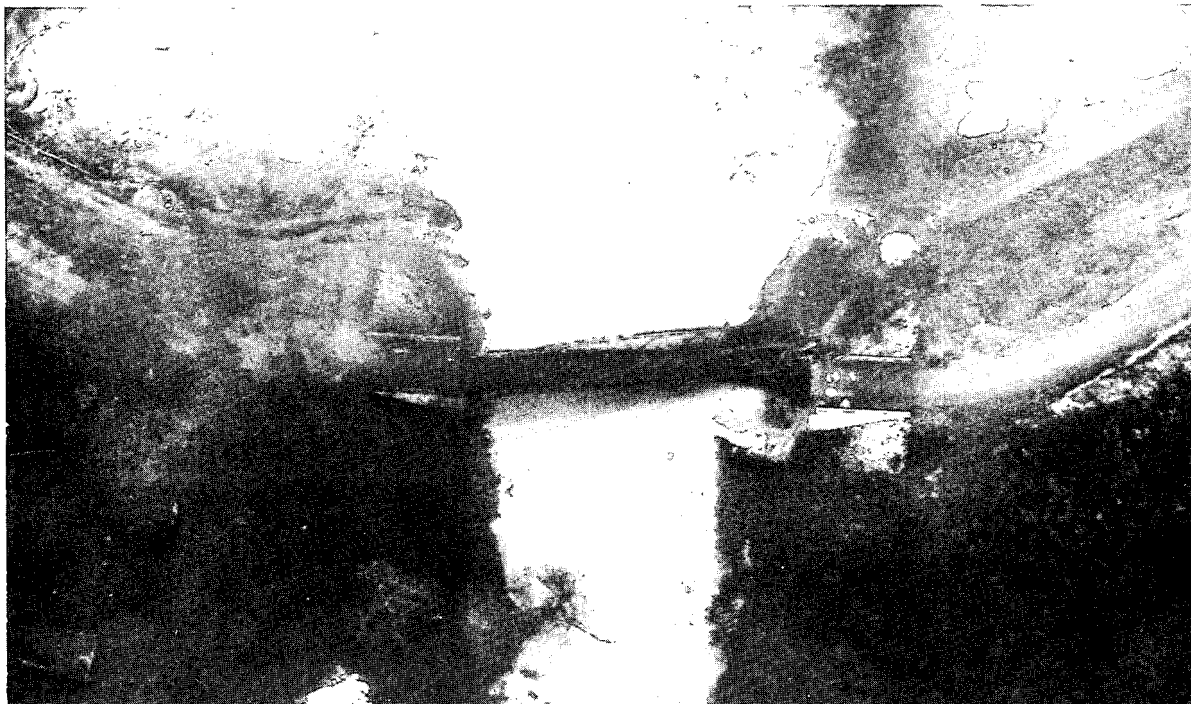
LOCATION: 0.5 nm N.W. of Ban Ca Nan on Route 7

DESCRIPTION:

LENGTH	70' (approx.)	MATERIAL	Steel and Concrete
WIDTH	10' (approx.)	NO. OF SPANS	1
TYPE	Half-through Truss	LENGTH OF EACH SPAN	

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

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Ca Nan Highway Bridge Bridge No. 1 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 20N - 104 16E VG 241391
MAP AMS I509 NE 48-2		BRIEF NO: PIB - 65011

25X1

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

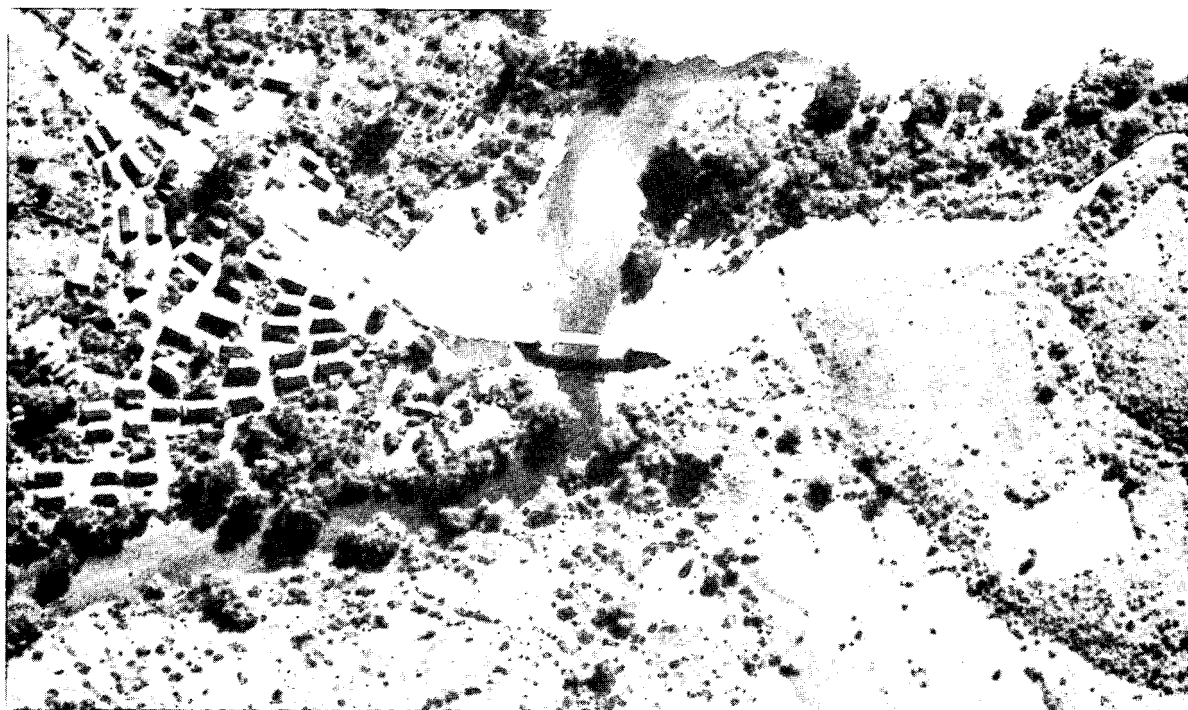
DESCRIPTION:

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

MATERIAL Steel and Concrete
 NO. OF SPANS 1
 LENGTH OF EACH SPAN

STATUS: Pre-strike

COMPENSATIVE ACTION: N/A



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Lang Moi Highway Bridge Bridge No. 10 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 06N - 104 47E VG 780130
MAP AMS T509 NE 48-2		BRIEF NO: PIB - 65012

25X1

LOCATION: At Ban Lang Moi on Route 7

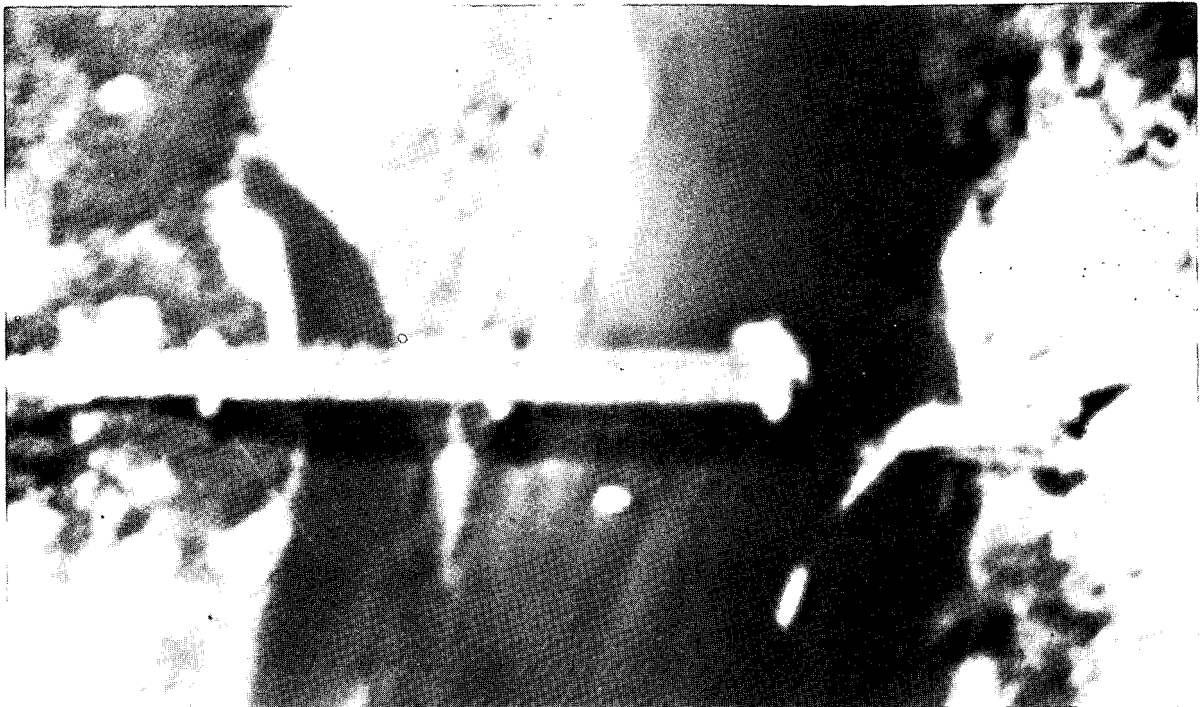
DESCRIPTION:

LENGTH 275' (Approx.)
 WIDTH 10' (Approx.)
 TYPE Deck

MATERIAL Steel and Concrete
 NO. OF SPANS 5
 LENGTH OF EACH SPAN 3-75
 2-25

STATUS: 2 spans destroyed

COMPENSATIVE ACTION: None



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~~SECRET~~

25X1

CIA IMAGERY ANALYSIS DIVISION

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

25X1

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

DESCRIPTION:

LENGTH	155' (approx.)	MATERIAL	Concrete
WIDTH	10' (approx.)	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	3-50

STATUS: Pre-strike

COMPENSATIVE ACTION: N/A



~~SECRET~~

25X1

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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Ban Pieng Hom Highway Bridge Bridge No. 3 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 21N - 104 13E VG 184415
MAP AMS L509 NE 48-2		BRIEF NO: PTB - 65014

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

DESCRIPTION:

LENGTH	155' (approx.)	MATERIAL	Concrete
WIDTH	10' (approx.)	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	3-50

STATUS: 2 spans destroyed

COMPENSATIVE ACTION: Ford



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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
MAP AMS I509 NE 48-2		BRIEF NO: PIB - 65015

25X1

LOCATION: 1.0 nm N. of Khe Kien on Route 7

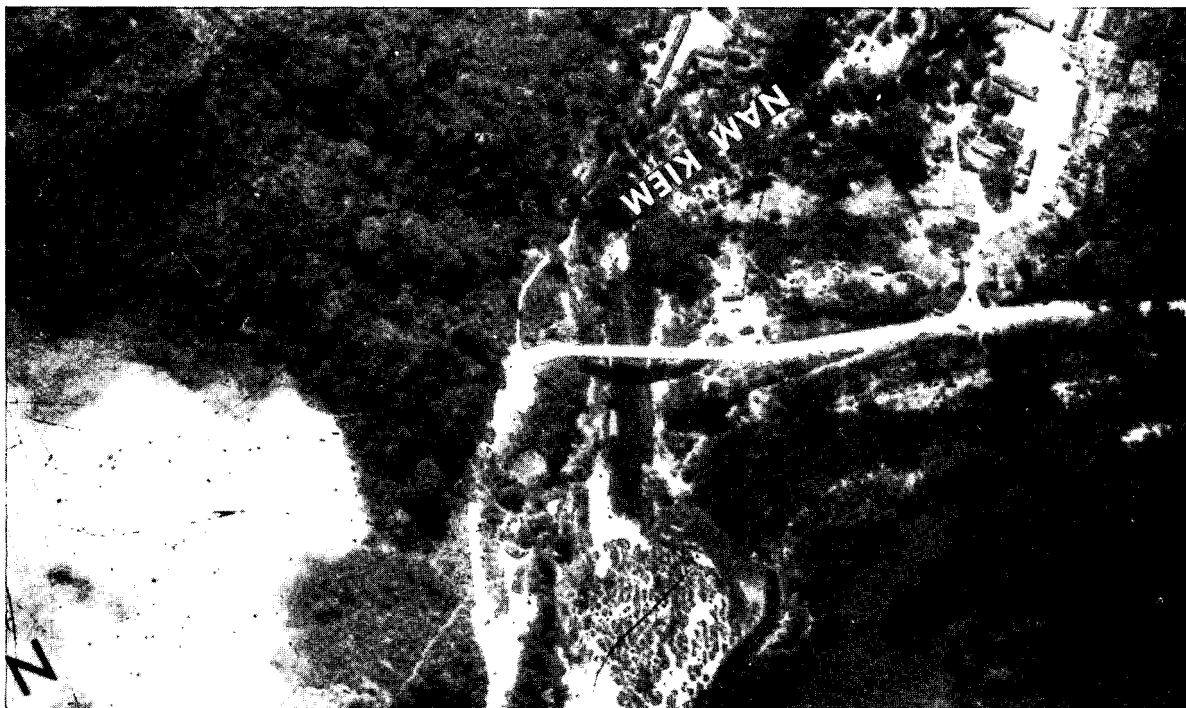
DESCRIPTION:

LENGTH	120' (approx.)	MATERIAL	Concrete
WIDTH	10' (approx.)	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	3-40

STATUS:

Pre-strike

COMPENSATIVE ACTION: N/A



~~SECRET~~



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Khe Kien Highway Bridge Bridge No. 8 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 16N - 104 21E VG 319310
MAP AMS I509 NE 48-2		BRIEF NO: PIB - 65016

LOCATION: 1.0 nm N. Khe Kien on Route 7

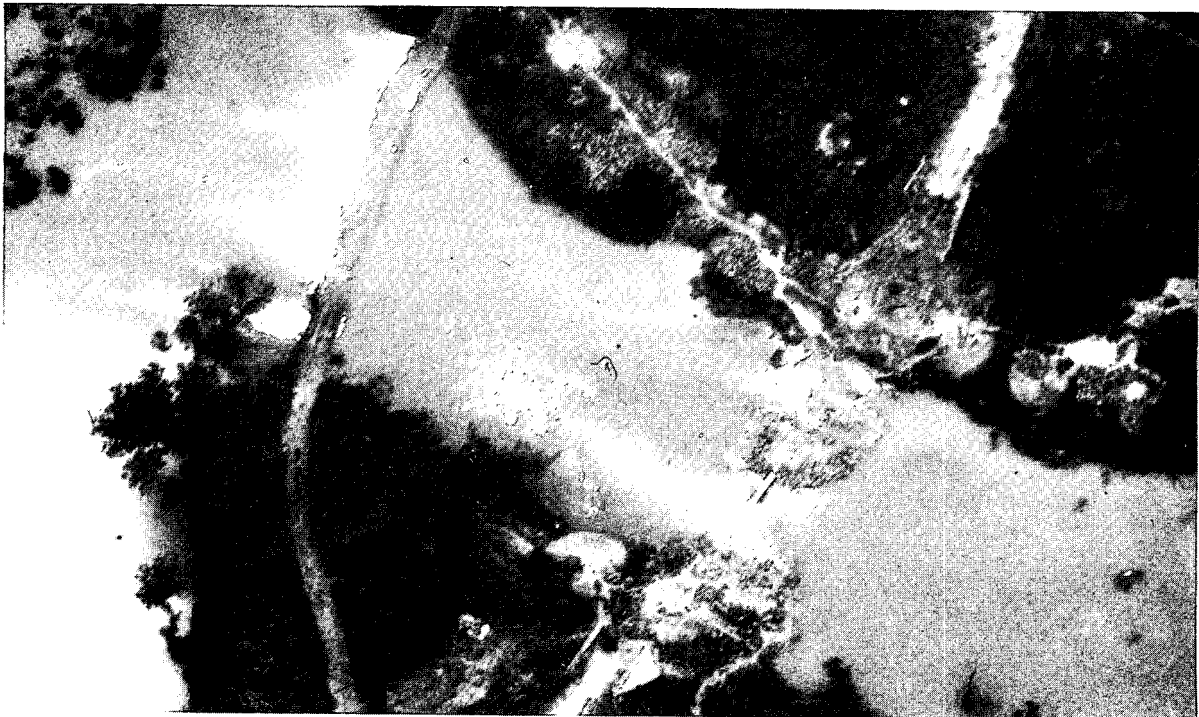
DESCRIPTION:

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

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

STATUS: Completely destroyed

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME Phuc Thiem Highway Bridge Bridge No. 2 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 57N - 105 34E WF 602965
[Redacted]		BRIEF NO:
MAP AMS L509 NE 48-7	PIB - 65017	

25X1

LOCATION: 1.0 nm W. of Phuc Thiem on Route 7

DESCRIPTION:

LENGTH	140'	MATERIAL	Concrete
WIDTH	[Redacted]	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	140'

25X1

STATUS: Bridge destroyed, one abutment destroyed, approach cratered

COMPENSATIVE ACTION: None



25X1

GROUP 1
Excluded from automatic
downgrading and declassification





CIA IMAGERY ANALYSIS DIVISION

NAME Phuc Thiem Highway Bridge Bridge No. 2 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 57N - 105 34E WF 602965
[Redacted]		BRIEF NO: PIB - 65018
MAP AMS L509 NE 48-7		

25X1

LOCATION: 1.0 nm W. of Phuc Thiem on Route 7

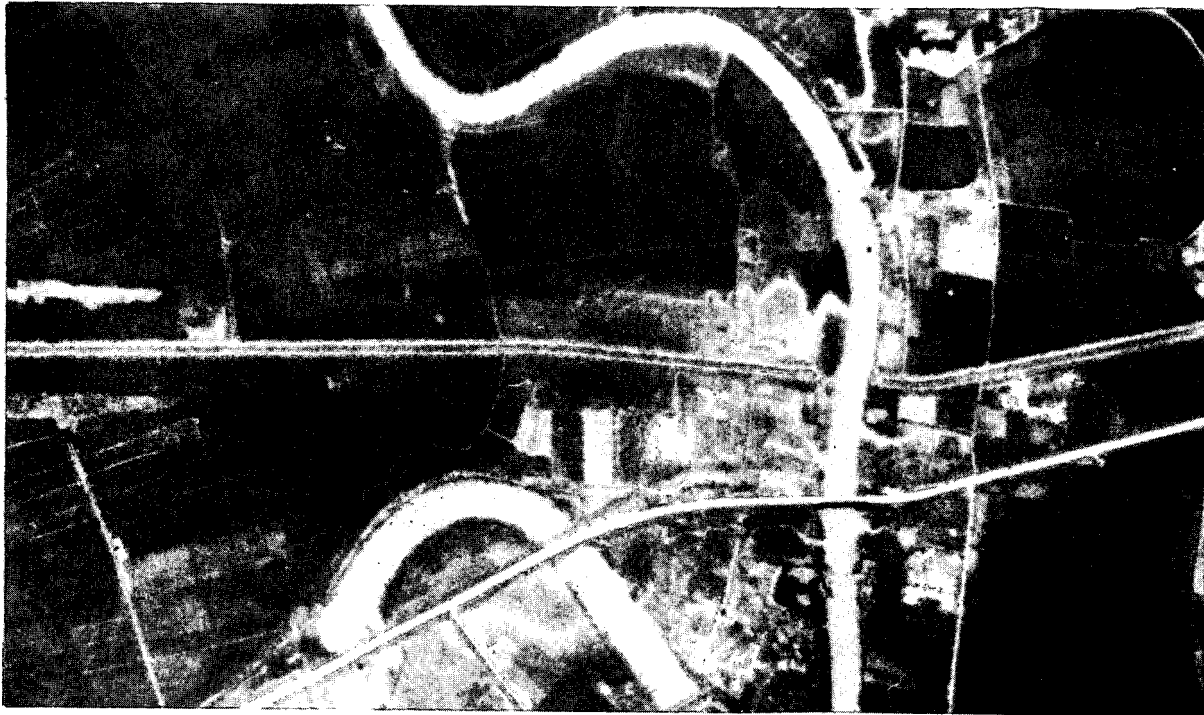
DESCRIPTION:

LENGTH	140'	MATERIAL	Concrete
WIDTH	[Redacted]	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	140'

25X1

STATUS: Pre-strike

COMPENSATIVE ACTION:



25X1



GROUP 1
Excluded from automatic
downgrading and declassification

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CIA IMAGERY ANALYSIS DIVISION

NAME La Khe Thon R.R. Bridge Bridge No. 13 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 105 49E WE 871969
MAP AMS L509 NE 48-7		BRIEF NO: PTB - 65019

25X1

LOCATION:

DESCRIPTION:

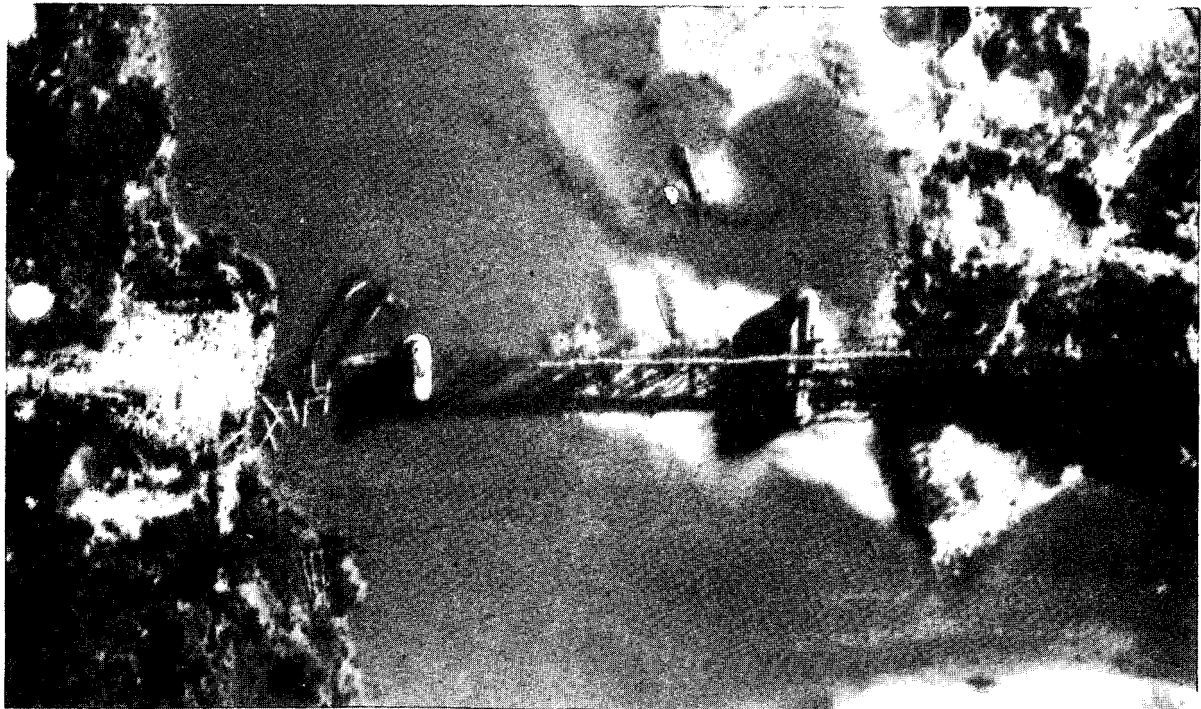
25X1

LENGTH	[REDACTED]	MATERIAL	Wood, Steel, Concrete
WIDTH	Single Track	NO. OF SPANS	3
TYPE	Half-through truss and trestle	LENGTH OF EACH SPAN	[REDACTED]

25X1

STATUS: 1 span heavily damaged, unserviceable

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME La Khe Thon R.R. Bridge Bridge No. 13 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 105 49E WE 871969
MAP AMS 1509 NE 48-7		BRIEF NO: PIB - 65020

25X1

LOCATION: 2.0 nm SE of La Khe Thon, on the Vihn-Dong Hoi Rail Line

DESCRIPTION:

25X1

LENGTH	<input type="text"/>	MATERIAL	Wood, steel and concrete
WIDTH	Single track	NO. OF SPANS	3
TYPE	Half-through truss and trestle	LENGTH OF EACH SPAN	<input type="text"/>

25X1

STATUS: One span heavily damaged, unserviceable

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

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

25X1

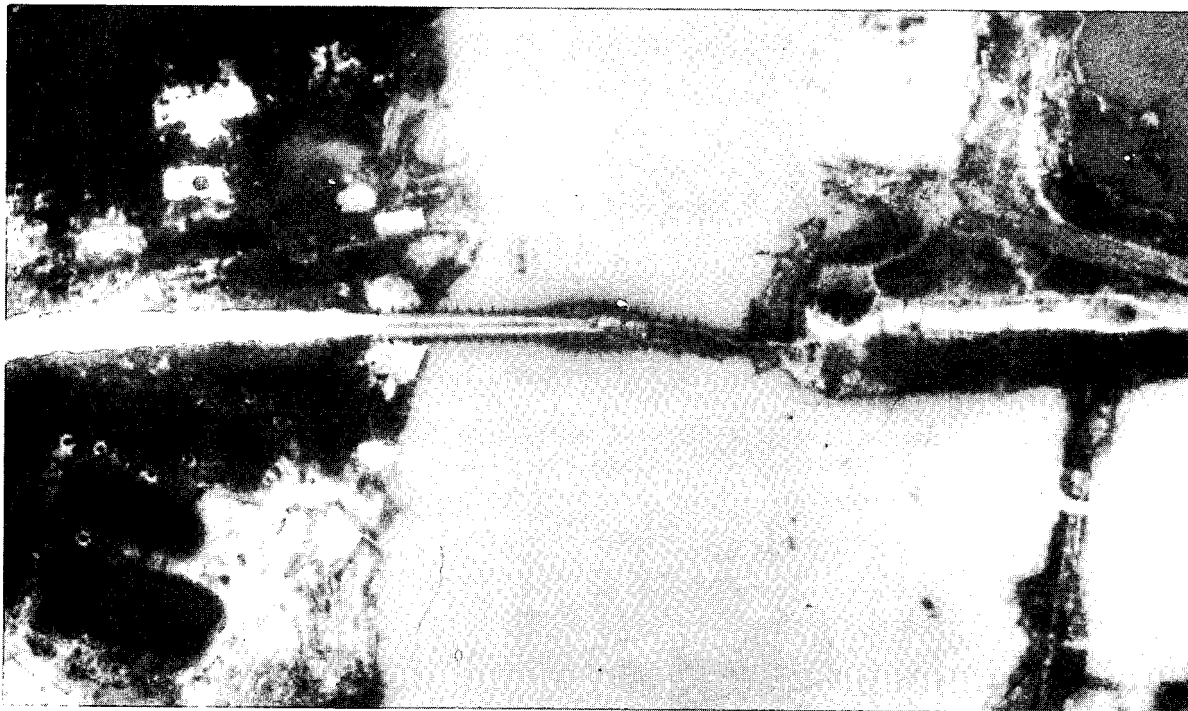
LOCATION: 0.3 nm E. of Ngoc Luy on Route 1

DESCRIPTION:

LENGTH 140' (approx.)	MATERIAL	Wood & Concrete
WIDTH 10' (approx.)	NO. OF SPANS	2
TYPE Deck	LENGTH OF EACH SPAN	2-70'

STATUS: Partially damaged on east end - unserviceable

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

25X1	NAME Da Ben Highway Bridge Bridge No. 16 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 25N - 105 48E WF 851362
	[REDACTED]		BRIEF NO:
	AMS 1509 NE 48-7		PIB - 65022

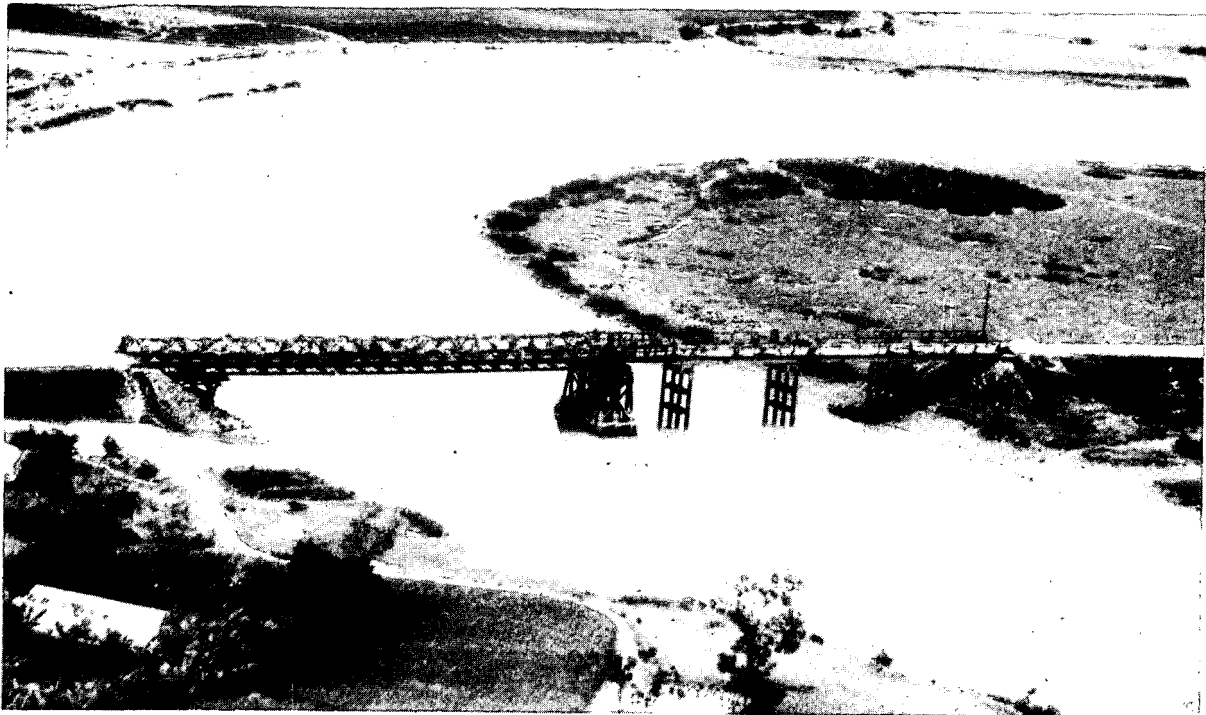
LOCATION: 0.2 nm NE of Da Ben on Route 1

DESCRIPTION:

25X1	LENGTH	250'	MATERIAL	Steel and concrete
	WIDTH	[REDACTED]	NO. OF SPANS	5
	TYPE	Deck and half-through truss	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

25X1

NAME Ban Na Him Highway Bridge Bridge No. 1 on NF 48-14		COUNTRY North Vietnam	COORDINATES 20 58N - 103 33E UJ 490180
MAP AMS L509 NF 48-14		BRIEF NO: PIB - 65023	

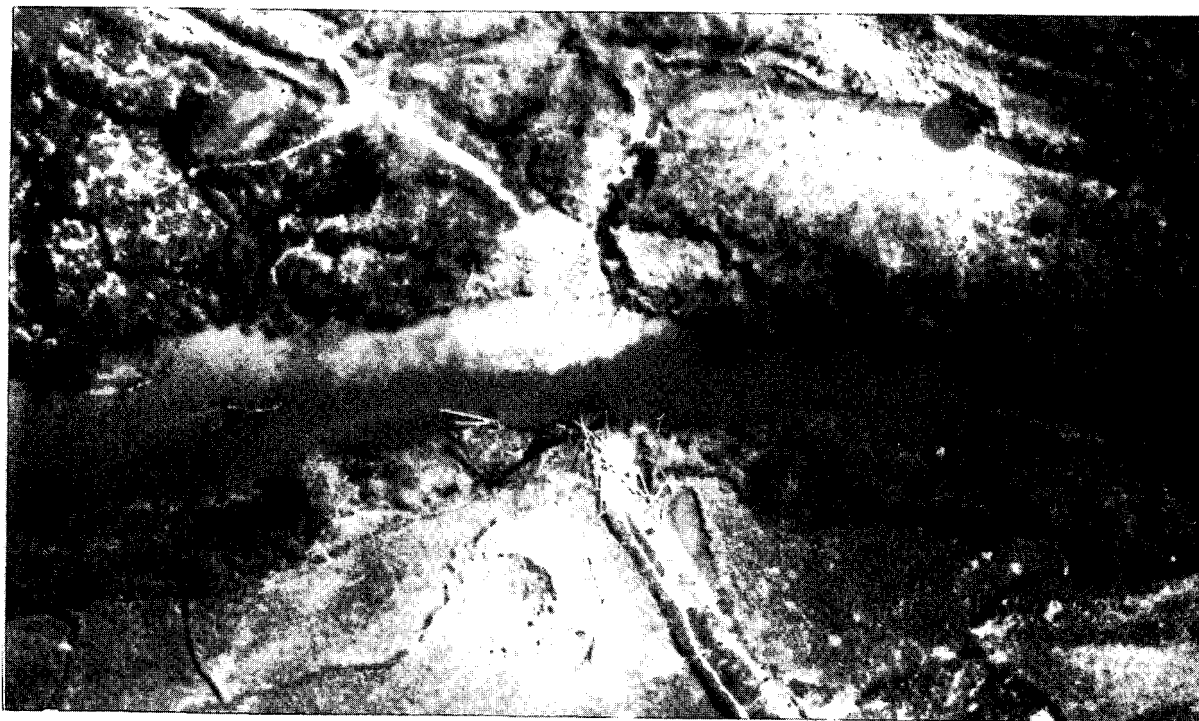
LOCATION: 0.3 nm W. of Ban Na Him on an unnumbered route

DESCRIPTION:

LENGTH	Undet.	MATERIAL	Wood
WIDTH	Undet.	NO. OF SPANS	Undet.
TYPE	Undet.	LENGTH OF EACH SPAN	Undet.

STATUS: Completely destroyed, unserviceable

COMPENSATIVE ACTION: None



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GROUP 1
Excluded from automatic
downgrading and declassification

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Nam Nen Highway Bridge Bridge No. 7 on NF 48-9	North Vietnam	21 49N - 103 17E UK 228155
25X1 		BRIEF NO:
MAP AMS L509 NF 48-9		PIB - 65024

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

DESCRIPTION:

LENGTH	30'	MATERIAL	Wood
WIDTH	10'	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	30'

STATUS: Completely destroyed

COMPENSATIVE ACTION: None



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GROUP 1
Excluded from automatic
downgrading and declassification

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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Pa Hon Highway Bridge Bridge No. 2 on NF 48-9	COUNTRY North Vietnam	COORDINATES 21 46N - 103 17E UK 238094
[REDACTED]		BRIEF NO:
MAP AMS L509 NF 48-9		PIB - 65025

25X1

LOCATION:

DESCRIPTION:

25X1

LENGTH [REDACTED]
WIDTH 10'
TYPE Deck

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

Steel and concrete

25X1

STATUS: Three spans completely destroyed, 1 span heavily damaged.

COMPENSATIVE ACTION: None



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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
25X1 [Redacted Box] MAP: AMS 1509 NE 48-11		BRIEF NO: PIB - 65026

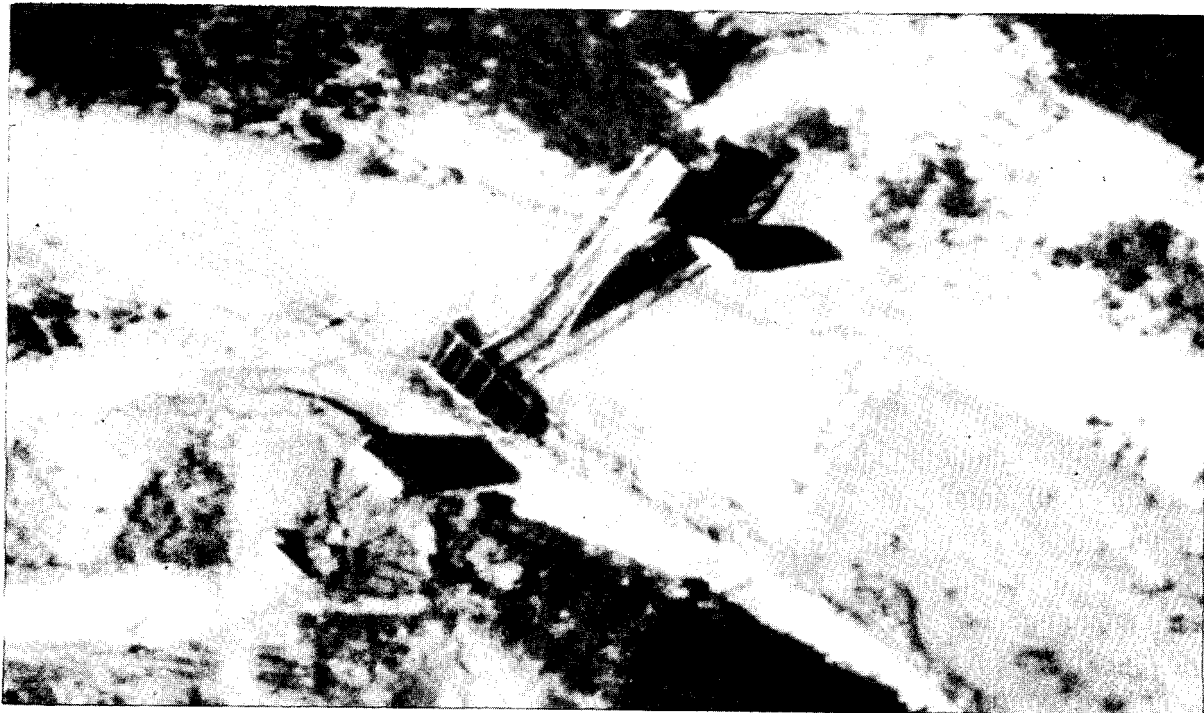
LOCATION: 0.2 nm S.E. of Xom Thanh on Route 12

DESCRIPTION:

LENGTH	145'	MATERIAL	Steel and Concrete
WIDTH	10'	NO. OF SPANS	2
TYPE	Half-through Truss	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



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GROUP 1
Excluded from automatic
downgrading and declassification



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
MAP AMS L509 NE 48-11		BRIEF NO: PIB - 65027

25X1

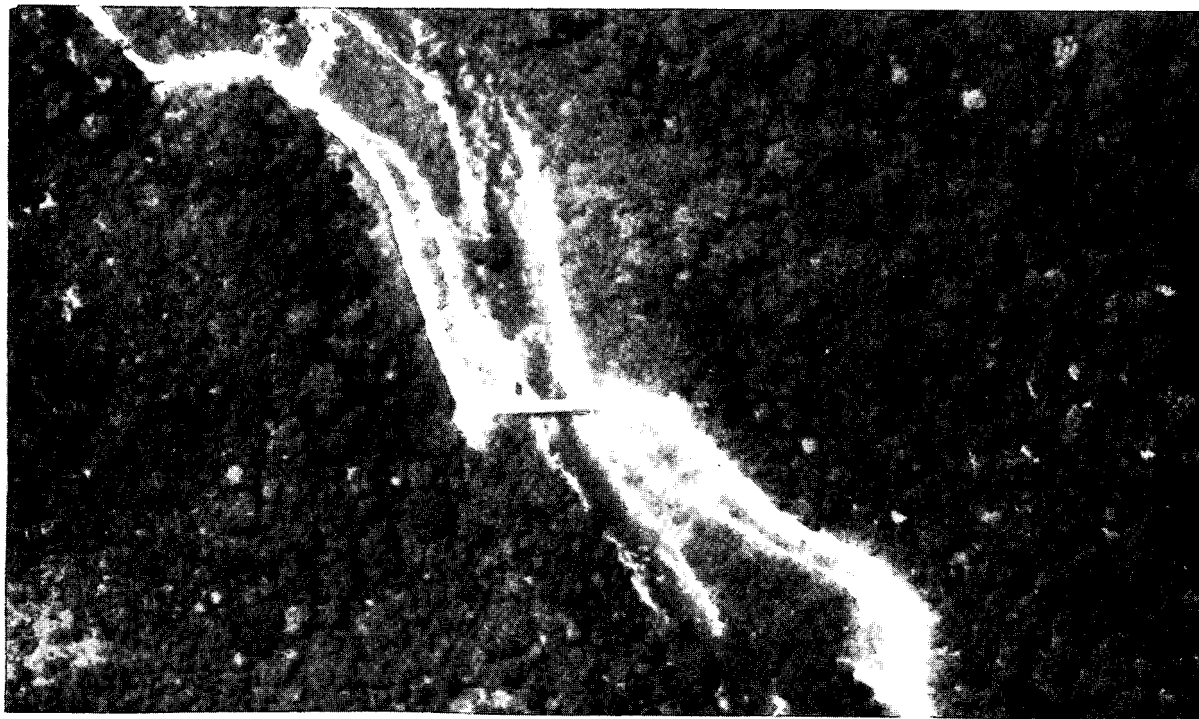
LOCATION: 0.2 nm S.E. of Xom Thanh on Route 12

DESCRIPTION:

LENGTH	145'	MATERIAL	Steel and Concrete
WIDTH	10'	NO. OF SPANS	2
TYPE	Half-through Truss	LENGTH OF EACH SPAN	1@ 115', 1@ 30'

STATUS: Pre-strike

COMPENSATIVE ACTION:



25X1



GROUP 1
Excluded from automatic
downgrading and declassification

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CIA IMAGERY ANALYSIS DIVISION

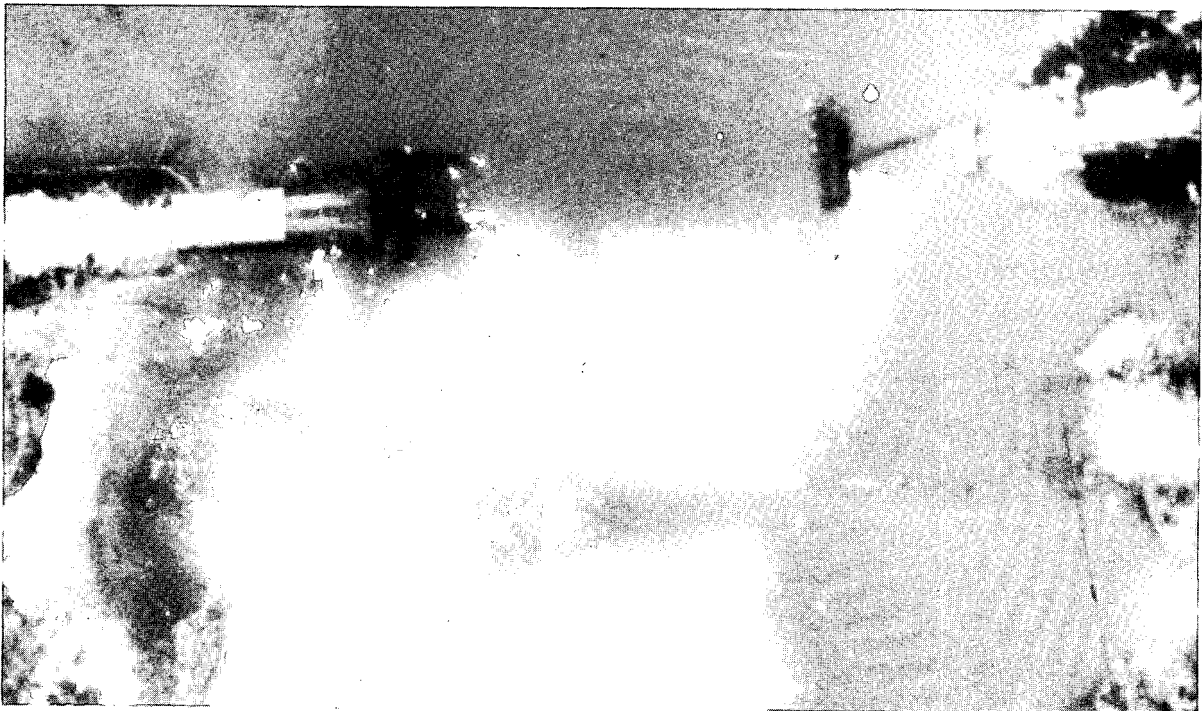
25X1	NAME	COUNTRY	COORDINATES
	Thach Ha Highway Bridge Bridge No. 19 on NE 48-7	North Vietnam	18 19N - 105 55E WF 968254
	BRIEF NO:		
	MAP	AMS L509	NE 48-7
	LOCATION:		PIB - 65028

DESCRIPTION:

25X1	LENGTH	240' (approx.)	MATERIAL	Steel and Concrete
	WIDTH	[REDACTED]	NO. OF SPANS	3
	TYPE	DECK	LENGTH OF EACH SPAN	2-60' 1-120'

STATUS: Two spans destroyed
One partially destroyed

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME Dia Dong I Highway Bridge Bridge No. 26 on NE 48-7		COUNTRY North Vietnam	COORDINATES 18 06N - 106 16E XF 350020
25X1 [REDACTED]		BRIEF NO: PIB - 65029	
MAP AMS L509 NE 48-7			

LOCATION: 0.5 nm S.E. of Dia Dong on Route 1

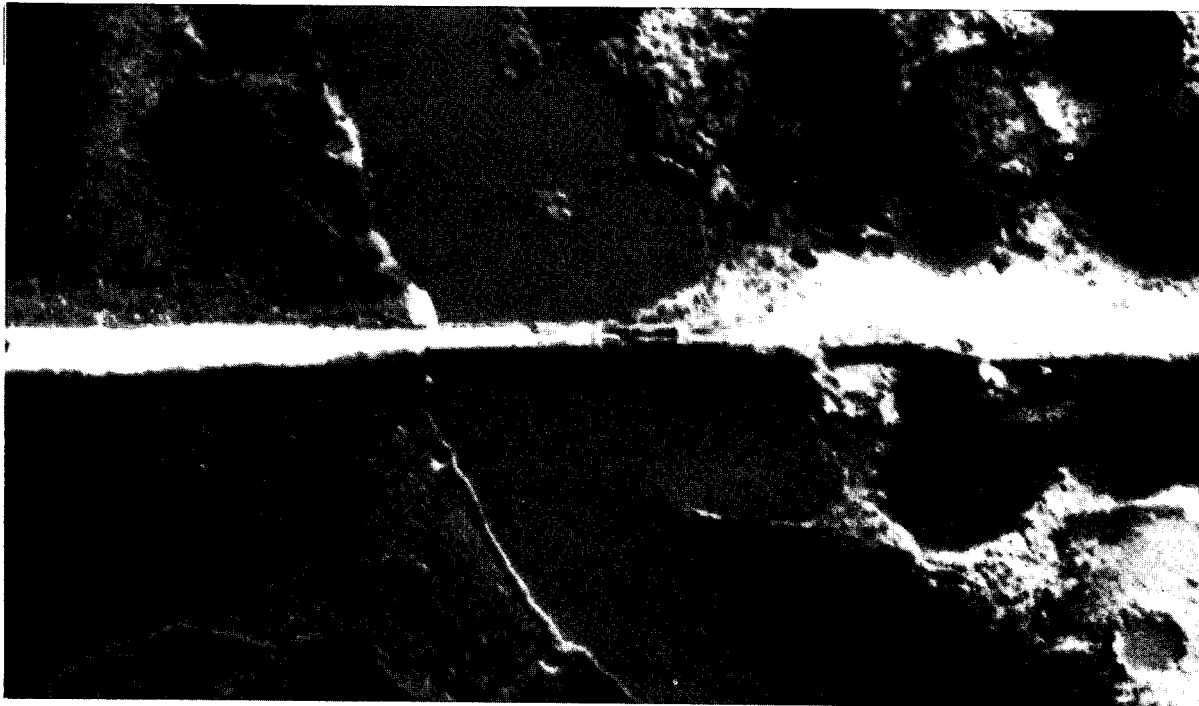
DESCRIPTION:

25X1
LENGTH 120'
WIDTH [REDACTED]
TYPE Deck

MATERIAL Steel and Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 60'

STATUS: 1 span severely damaged

COMPENSATIVE ACTION: None



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GROUP 1
Excluded from automatic
downgrading and declassification

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CIA IMAGERY ANALYSIS DIVISION

NAME Hung Nhan Highway Bridge Bridge No. 34 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 04N - 106 18E XE 371981
25X1 <input type="text"/>		BRIEF NO: PIB - 65030
MAP AMS L509 NE 48-7		

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

DESCRIPTION:

25X1

LENGTH
 WIDTH
 TYPE Deck

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

25X1

X1

STATUS: Three of the spans are damaged, south approach of the bridge is damaged.

COMPENSATIVE ACTION: Possible placing of new beams on damaged spans



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GROUP 1
 Excluded from automatic
 downgrading and declassification

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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Na Ngam Highway Bridge Bridge No. 3 on NF 48-9	North Vietnam	21 30N - 103 06E WJ 037790
25X1 [REDACTED]		BRIEF NO:
MAP	AMS L509 NF 48-9	PIB - 65031

LOCATION: 0.2 nm W. of Ban Na Ngam on Route 19

DESCRIPTION:

25X1	LENGTH	40'	MATERIAL	Concrete and Wood
	WIDTH	[REDACTED]	NO. OF SPANS	1
	TYPE	Deck	LENGTH OF EACH SPAN	40'

STATUS: Moderate damage to guard rail, bridge still serviceable

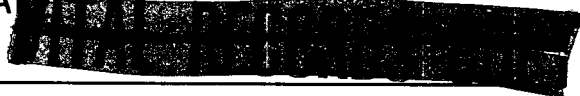
COMPENSATIVE ACTION: None



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GROUP 1
Excluded from automatic
downgrading and declassification

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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Buoc R.R. Br. Bridge No. 2 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 54N - 104 39E VK 647235
MAP AMS L509 NF 48-10		BRIEF NO: PIB - 65032

25X1

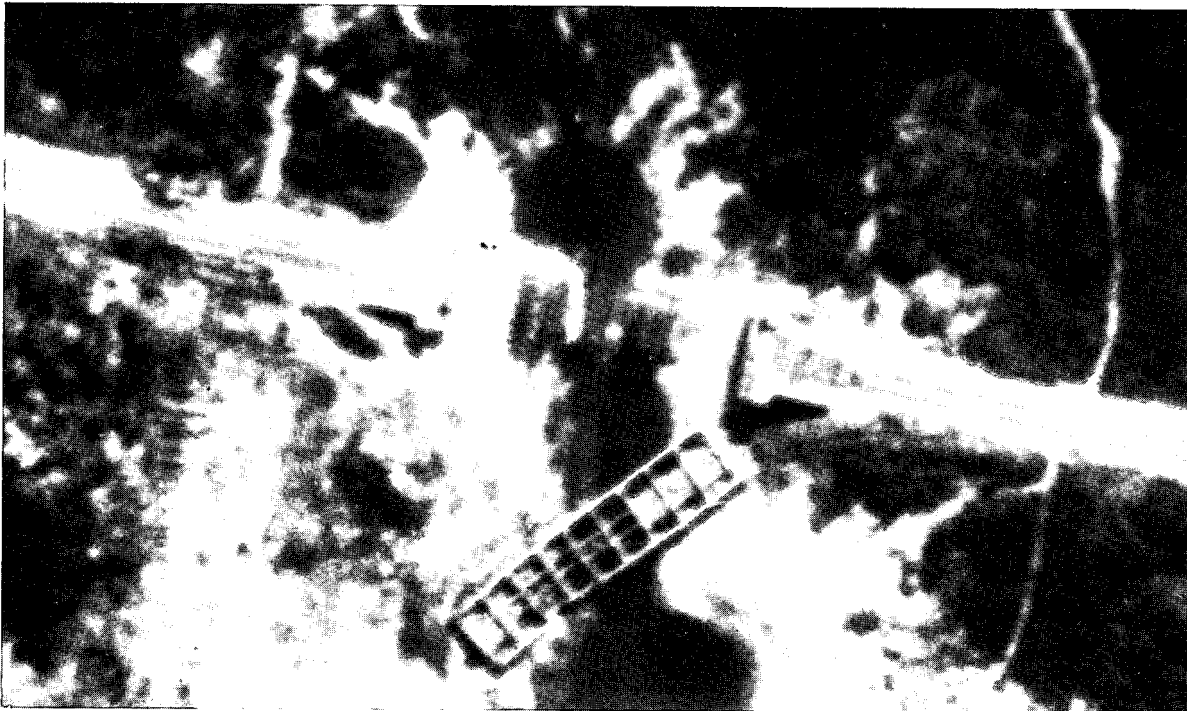
LOCATION: 1.8 nm E. of Xom Nuoc Nong on the Hanoi-Lao Cai Rail Line.

DESCRIPTION:

LENGTH	80'	MATERIAL	Steel and Concrete
WIDTH	Single track	NO. OF SPANS	1
TYPE	Half-through truss	LENGTH OF EACH SPAN	80'

STATUS: Span completely destroyed

COMPENSATIVE ACTION: Two new wooden piers under construction



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CIA IMAGERY ANALYSIS DIVISION

NAME Lang Quanch Ngoai R.R. Br. Bridge No. 4 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 54N - 104 40E VK 663217
MAP AMS 1509 NF 48-10		BRIEF NO: PIB - 65033

25X1

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

DESCRIPTION:

LENGTH	80'	MATERIAL	Steel and Concrete
WIDTH	Single track	NO. OF SPANS	1
TYPE	Half-through truss	LENGTH OF EACH SPAN	80'

STATUS: Span Destroyed

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Lac Hwy. Br. Bridge No. 6 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 19N - 103 55E UJ 876584
MAP AMS L509 NF 48-10		BRIEF NO: PIB - 65034

25X1

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

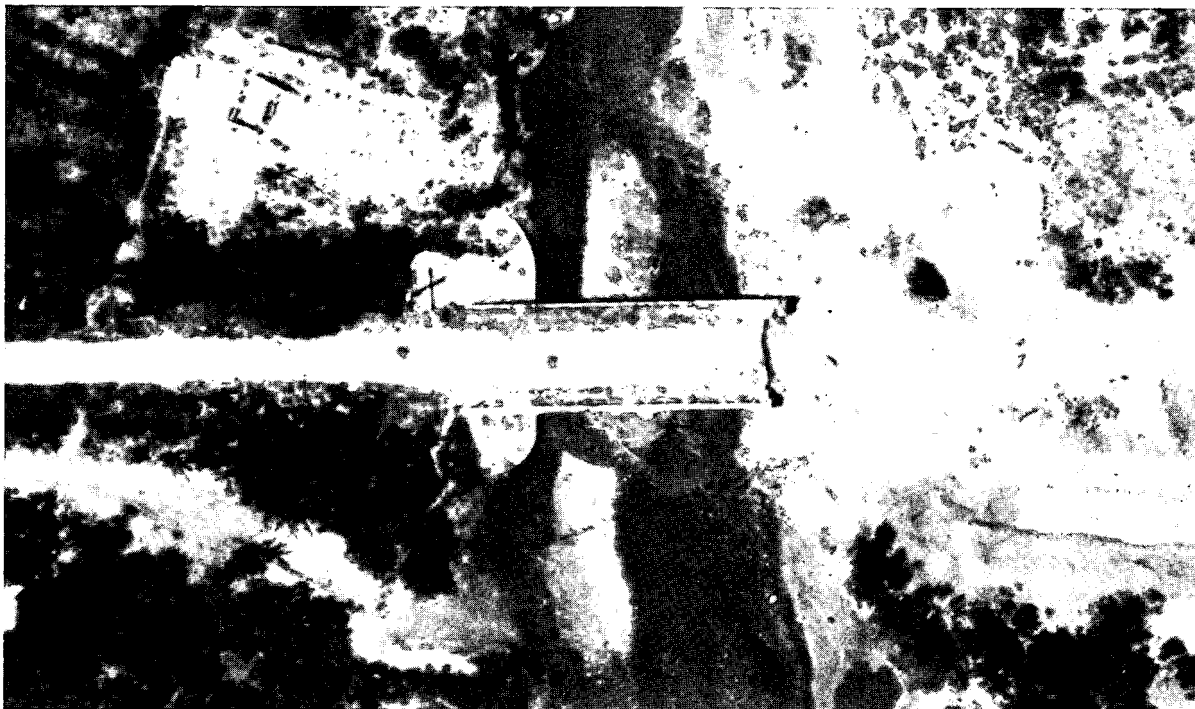
DESCRIPTION:

LENGTH	40' (approx.)	MATERIAL	Concrete & Wood
WIDTH	[REDACTED]	NO. OF SPANS	2
TYPE	Deck (approx.)	LENGTH OF EACH SPAN	20'

25X1

STATUS: Heavily damaged, 1 abutment destroyed

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Ron Highway Br. Bridge No. 9 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 52N - 106 27E XE 533770
25X1 		BRIEF NO:
MAP AMS L509 NE 48-11		PIB - 65035

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

DESCRIPTION:

LENGTH	300'	MATERIAL	Wood
WIDTH	10'	NO. OF SPANS	6
TYPE	Deck	LENGTH OF EACH SPAN	50'

STATUS: Two spans completely destroyed, two spans heavily damaged

COMPENSATIVE ACTION: None



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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 285105
MAP AMS L509 NE 48-7		BRIEF NO: PIB 65036 April 1966

25X1

LOCATION: 0.5 nm N of Xom Hang on Route 1A.

DESCRIPTION:

LENGTH 60' approx.	MATERIAL Concrete and steel
WIDTH 10' approx.	NO. OF SPANS 4
TYPE Deck	LENGTH OF EACH SPAN 15' approx.

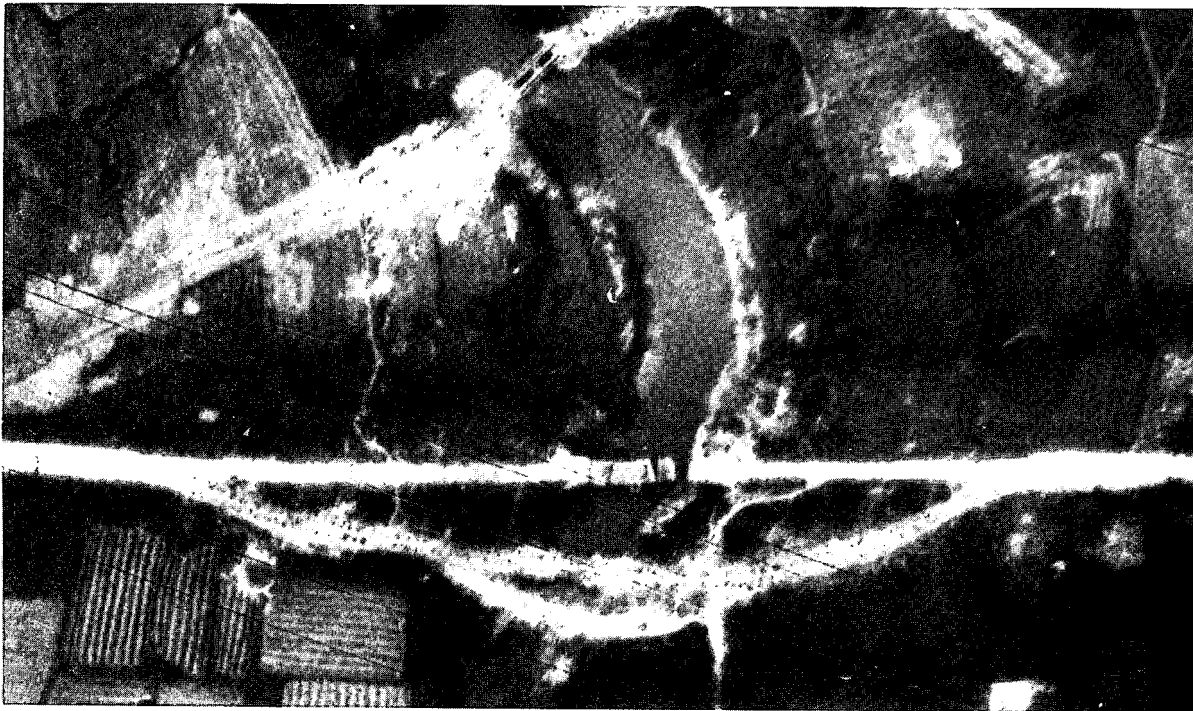
STATUS:

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



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CIA IMAGERY ANALYSIS DIVISION

25X1

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

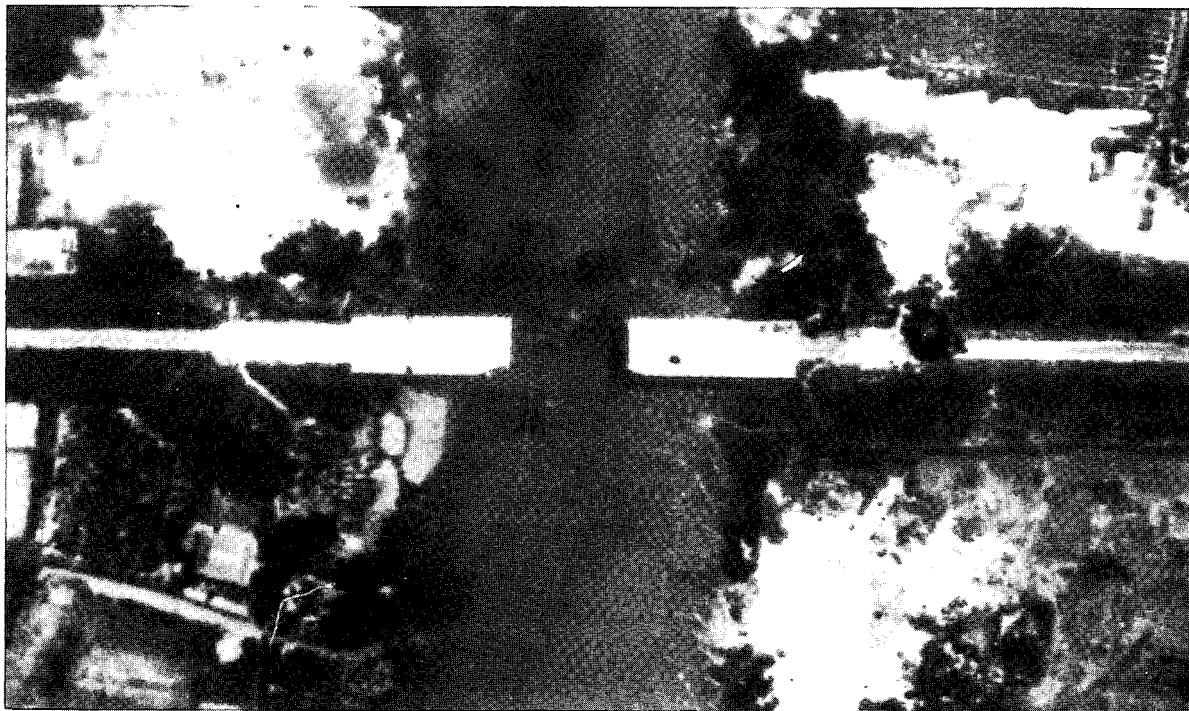
LOCATION: 1 nm S.W. of Ha Thon on RT 101

DESCRIPTION:

LENGTH	Undet.	MATERIAL	Concrete and Steel
WIDTH	15'	NO. OF SPANS	5
TYPE	Deck	LENGTH OF EACH SPAN	Undet.

STATUS: 1 span destroyed, 1 damaged - Unserviceable

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Yen Loc Hwy. Br. Bridge No. 5 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 14 N - 105 42 E WG 735 275
25X1 MAP AMS L509 NE 48-3		BRIEF NO: PIB - 65038

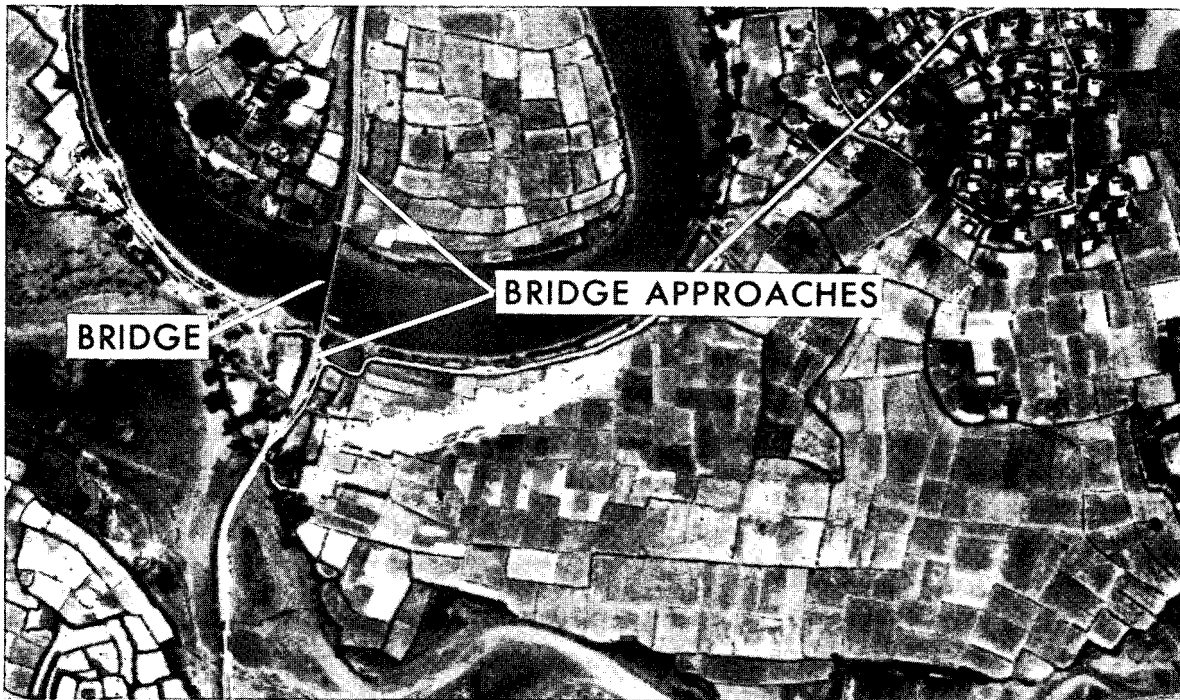
LOCATION: 0.8 N.M. S. of Xom Yen Loc on route 1

DESCRIPTION:

LENGTH	approx. 200'	MATERIAL	Steel & Concrete
WIDTH	approx. 10'	NO. OF SPANS	5
TYPE	Deck with handrail	LENGTH OF EACH SPAN	approx. 40'

STATUS: Pre-strike

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Yen Loc Hwy. Br. Bridge No. 5 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 14N - 105 42E WG 735 275
PHOTO AMS L509 NE 48-3	BRIEF NO: PIB - 65039	

25X1

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

DESCRIPTION:

LENGTH	approx. 200'	MATERIAL	Steel & Concrete
WIDTH	approx. 10'	NO. OF SPANS	5
TYPE	Deck with handrail	LENGTH OF EACH SPAN	approx. 40'

STATUS:

One span destroyed

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Quyem Heanh Hwy. Bridge S No.	COUNTRY	COORDINATES
		1 on Khe Nuoc <input type="text"/> Bridge No. 36 on NE 48-7	North Vietnam	18 03N - 106 20E XE 413961
25X1		<input type="text"/>		BRIEF NO: PIB 65040
	MAP	AMS L509 NE 48-7		

LOCATION: 1.0 nm SW of Yen Hung on Route 1A.

25X1	DESCRIPTION:		MATERIAL	Concrete and timber
	LENGTH	<input type="text"/>	NO. OF SPANS	1
	WIDTH	<input type="text"/>	LENGTH OF EACH SPAN	<input type="text"/>
	TYPE	Deck		

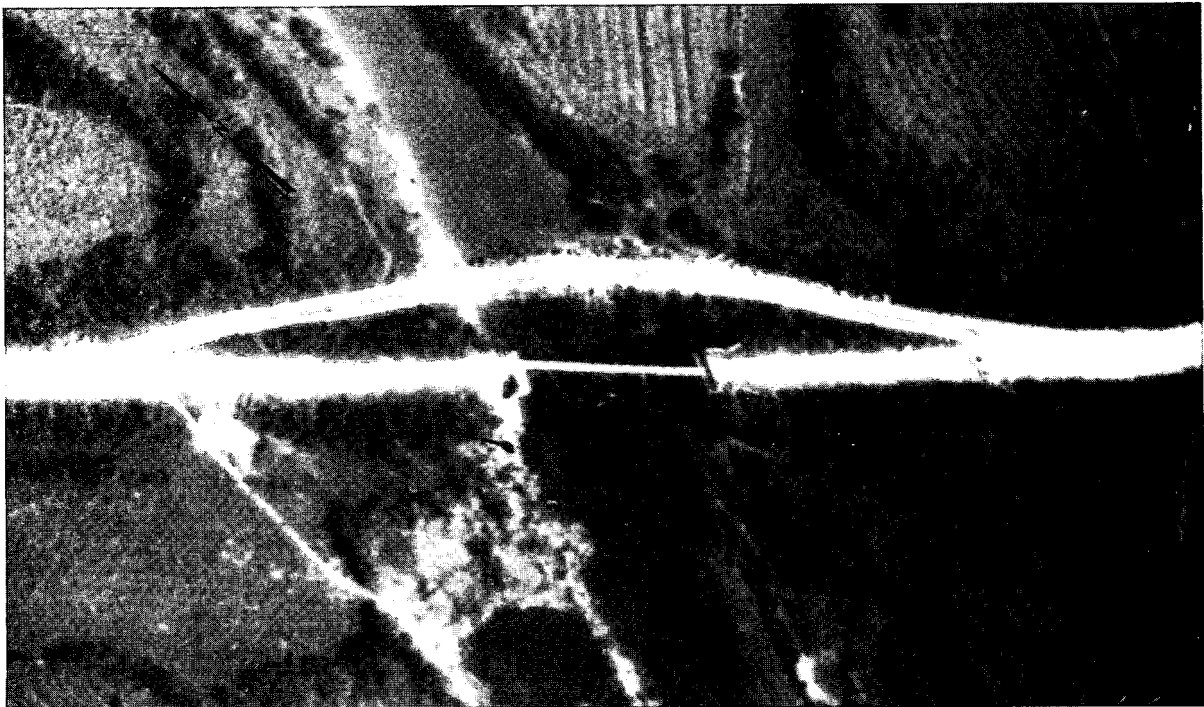
25X1

STATUS: Span totally destroyed.

COMPENSATIVE ACTION:

25X1 wide plank footbridge on bridge site; vehicular ford to immediate NNE of bridge.

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Bung Hwy. Br. Bridge No. 11 on Ne 48-2	COUNTRY North Vietnam	COORDINATES 19 08N - 104 45E VG 734 159
MAP AMS L509 NE 48-2		BRIEF NO: 65041

25X1

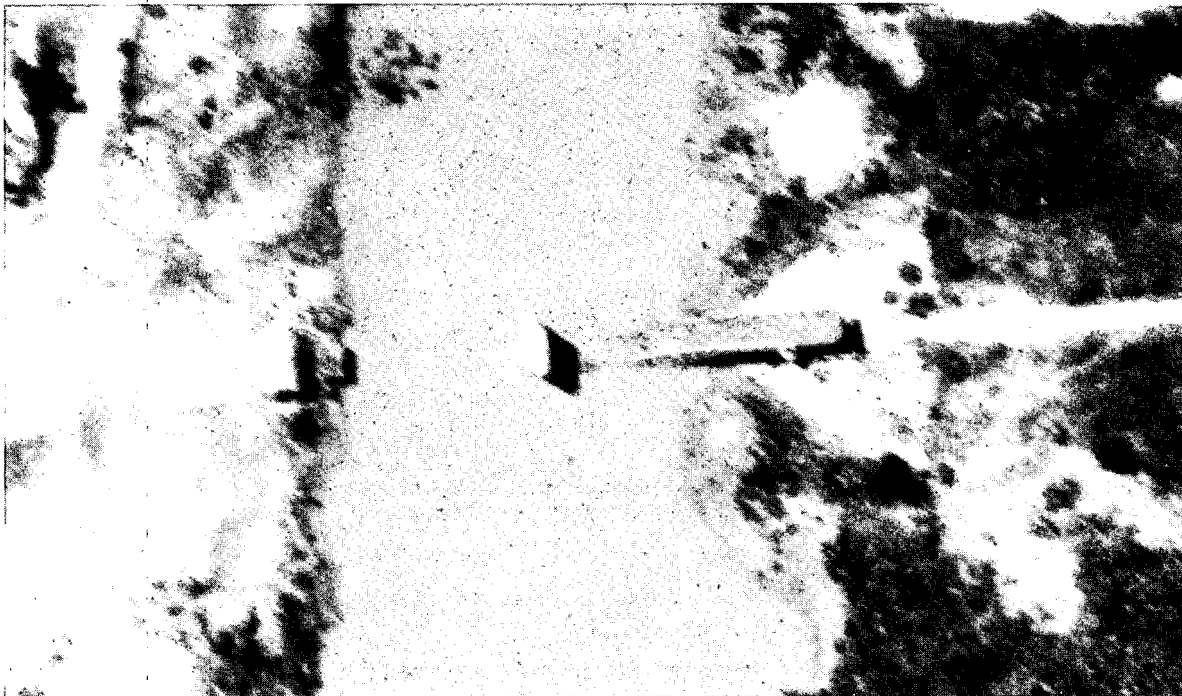
LOCATION: 0.5 N.M. S.W. of Ban Bung on route 7

DESCRIPTION:

LENGTH	140'	MATERIAL	Steel & Concrete
WIDTH	10'	NO. OF SPANS	4
TYPE	Deck	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



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME		COUNTRY	COORDINATES
Canh Trap Hwy. Br. Bridge No. 12 on NE 48-2		North Vietnam	19 13N - 104 32E VG 515 254
PHOTO	AMS L509 NF 48-2	BRIEF NO: 65042	
MAP			

LOCATION:

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

DESCRIPTION:

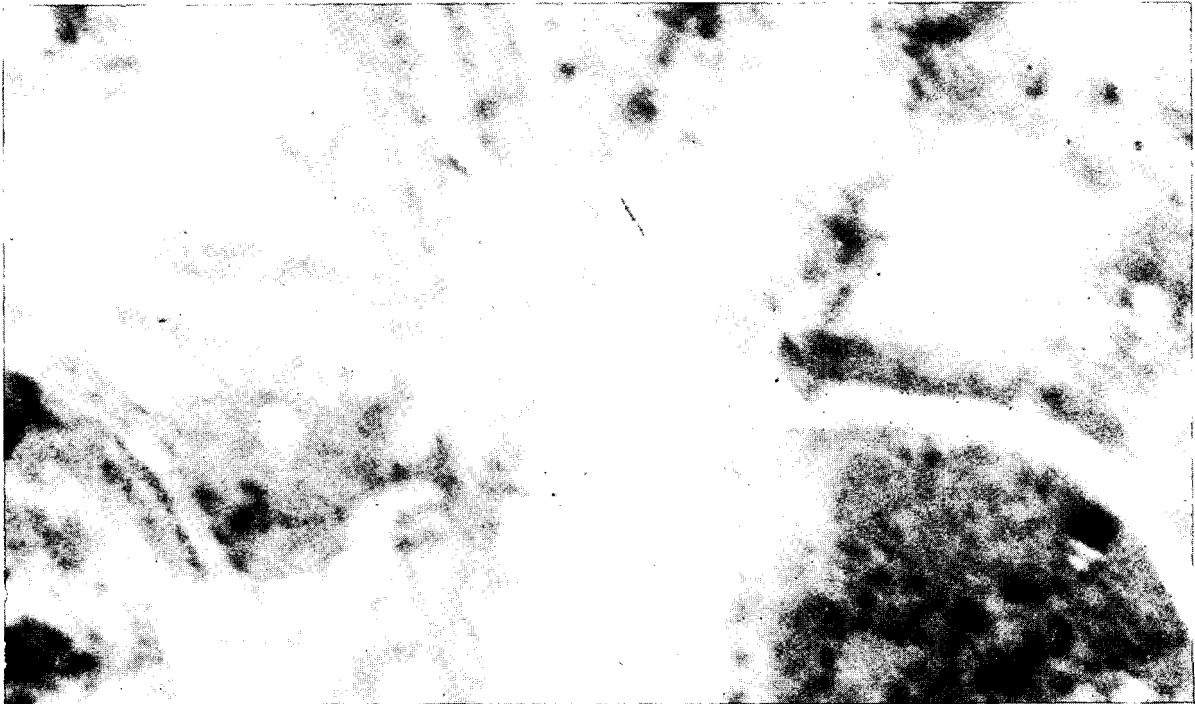
LENGTH	40' (approx.)	MATERIAL	Concrete
WIDTH	10' (approx.)	NO. OF SPANS	1
TYPE	Probable deck	LENGTH OF EACH SPAN	40'

STATUS:

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

COMPENSATIVE ACTION:

None apparent



CIA IMAGERY ANALYSIS DIVISION

25X1

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

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

DESCRIPTION:

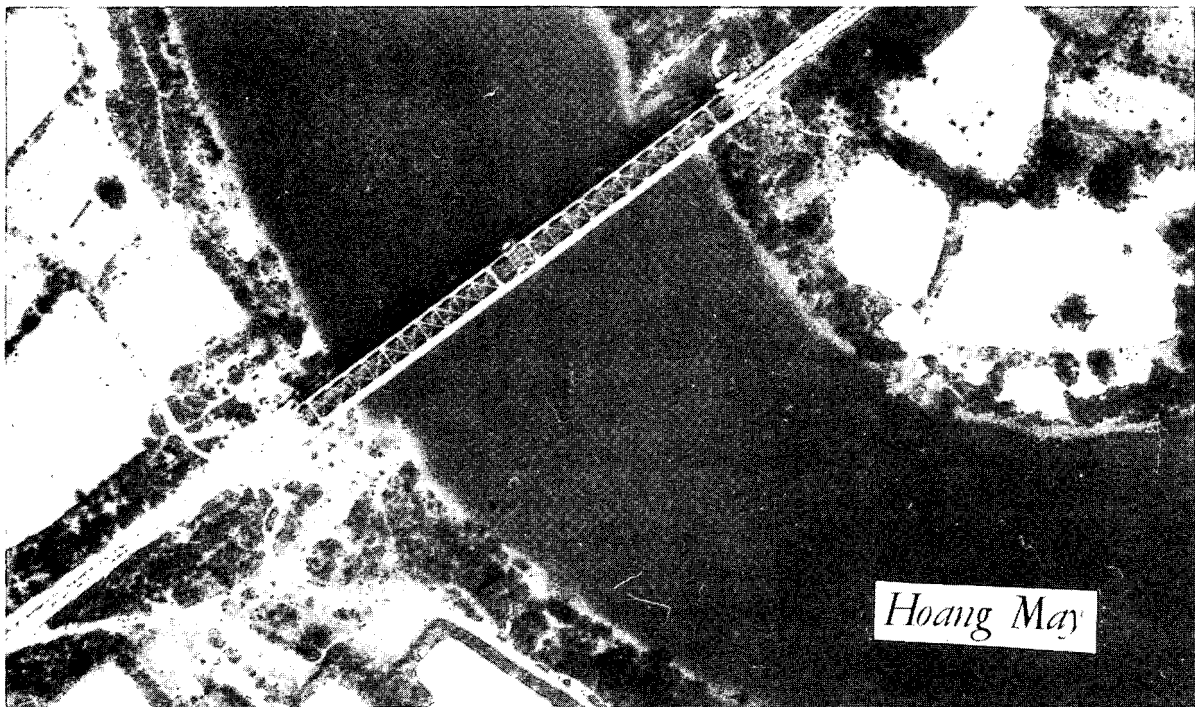
LENGTH	260'	MATERIAL	Steel & Concrete
WIDTH	single track	NO. OF SPANS	2
TYPE	Through-truss	LENGTH OF EACH SPAN	130'

STATUS:

Pre-strike

COMPENSATIVE ACTION:

N/A



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Qui Vinh RR Br. Bridge No. 1 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 15N - 105 41E WG 720 302
MAP AMS L509 NE 48-3	BRIEF NO: 65044	

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

DESCRIPTION:

LENGTH	260'	MATERIAL	Steel-Concrete
WIDTH	Single track	NO. OF SPANS	2
TYPE	Through truss	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.



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Qui Vinh R.R. Br. Bridge No. 1 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 15N - 105 41E WG 720 302
MAP AMS L509 NE 48-3		BRIEF NO: 65045

LOCATION: 0.6 nm W. of Qui Vinh on the Hanoi-Vinh Rail Line

DESCRIPTION:

LENGTH	260'	MATERIAL	Steel and Concrete
WIDTH	Single track	NO. OF SPANS	2
TYPE	Through truss	LENGTH OF EACH SPAN	130'

STATUS:

One span and one abutment completely destroyed; approaches cratered.

COMPENSATIVE ACTION:

None.



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Phuc Son Hwy. Br. Bridge No. 41 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 56N - 105 03E WF 062 949
MAP AMS L509 NE 48-7		BRIEF NO: 65046

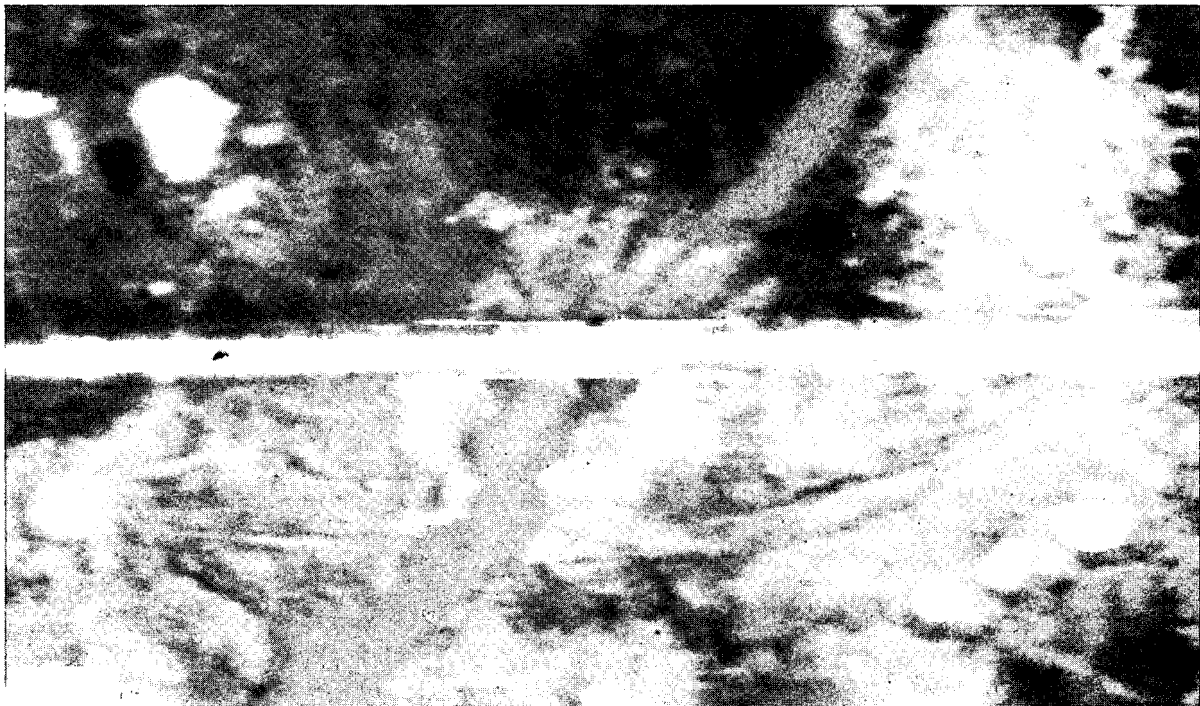
LOCATION: 0.8 N.M. S.W. of Phuc Son on route 7

DESCRIPTION:

LENGTH	approx. 80'	MATERIAL	Probably Concrete
WIDTH	10'	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	40'

STATUS: Moderate damage, serviceable

COMPENSATIVE ACTION:
None



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Yen Loc Hwy. Br. Bridge No. 5 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 14N - 105 42E WG 735 275
	BRIEF NO: 65047	
25X1 PHOTO MAP AMS L509 NE 48-3		

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

DESCRIPTION:

LENGTH	approx. 200'	MATERIAL	Concrete - Steel
WIDTH	approx. 10'	NO. OF SPANS	5
TYPE	Deck with handrail	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

25X1

NAME	Dong Vai R.R. Br. Bridge No. 16 on NF 48-10	COUNTRY	North Vietnam	COORDINATES	21 54N - 104 40E VK 655 226
MAP	AMS L509 NF 48-10	BRIEF NO:			65048

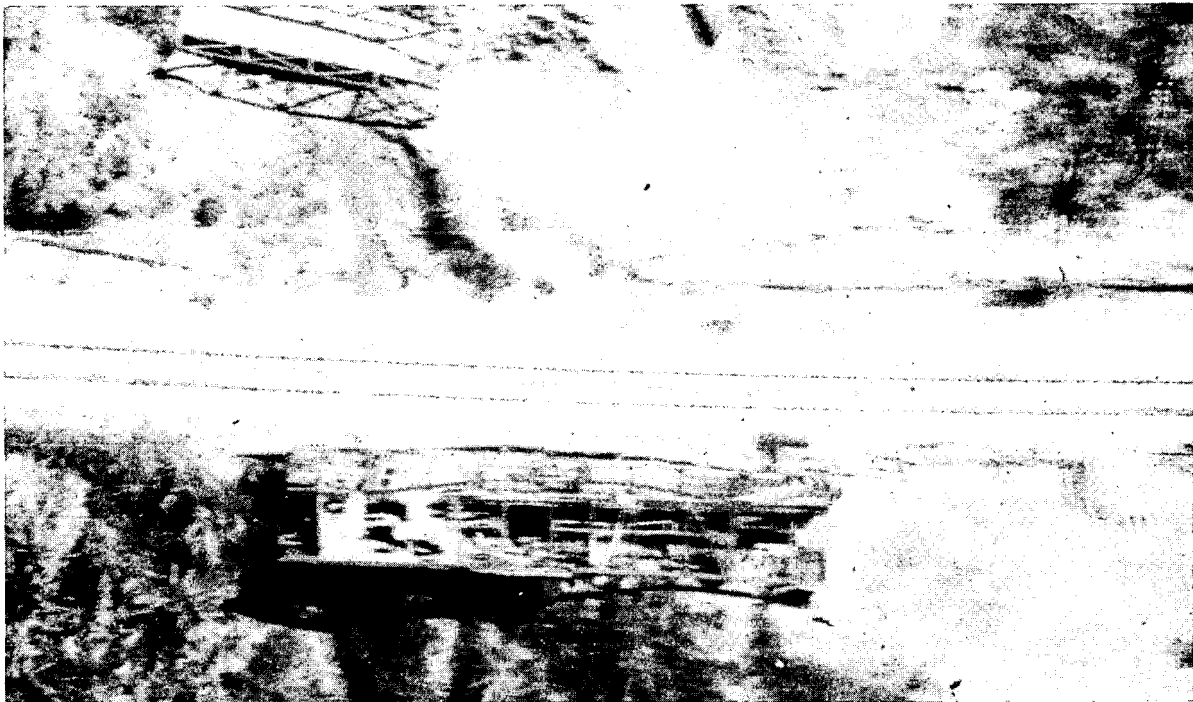
LOCATION: 1.2 N.M. South of Dong Vai on the Hanoi-Lao Cai Rail Line

DESCRIPTION:

LENGTH	60'	MATERIAL	Steel
WIDTH	Single track	NO. OF SPANS	1
TYPE	Through truss	LENGTH OF EACH SPAN	60'

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 IMAGERY 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 663 217
PHOTO AMS L509 NF 48-10 MAP		BRIEF NO: 65049

25X1

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

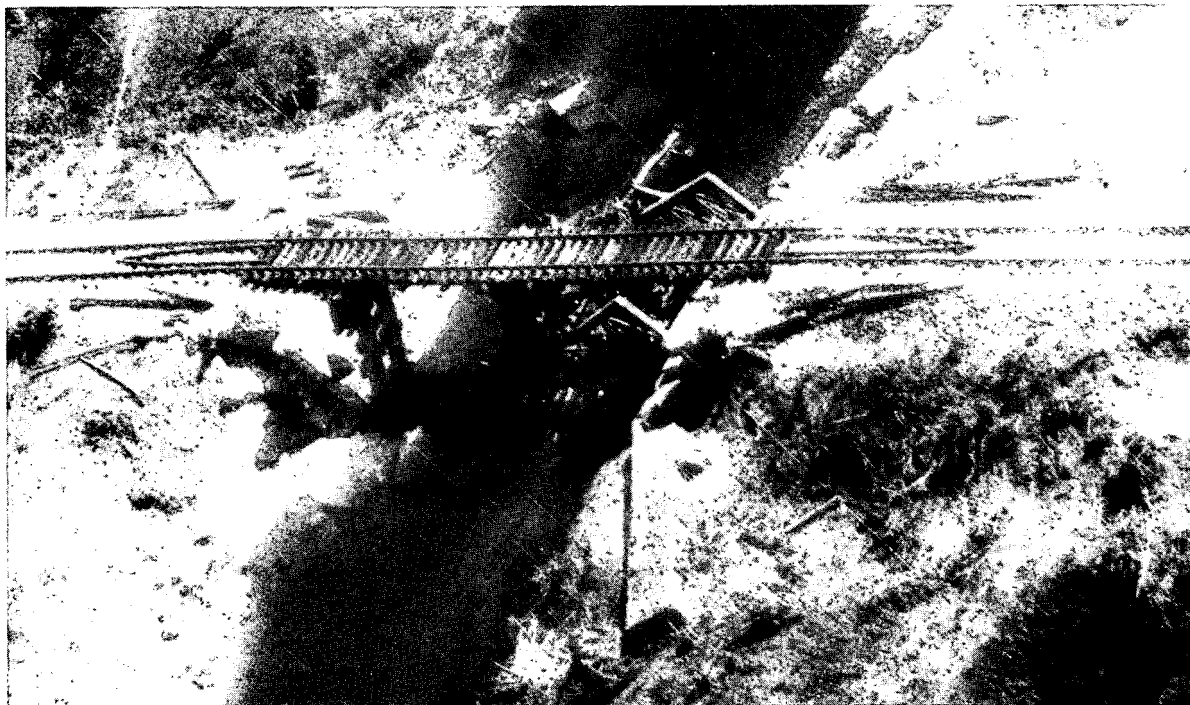
DESCRIPTION:

LENGTH	80'	MATERIAL	Wood and Concrete
WIDTH	Single track	NO. OF SPANS	2
TYPE	Deck, Beam	LENGTH OF EACH SPAN	40'

STATUS:

Serviceable replacement for a destroyed bridge.
Bridge consists of beams supported by a tower and the old concrete abutments.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Nuoc Nong R.R. Br. Bridge No. 2 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 54N - 104 39E VK 647 235
25X1 [REDACTED]		BRIEF NO: 65050
MAP AMS L509 NF 48-10		

LOCATION:

1.8 N.M.E. of Xom Nuoc Nong on the Hanoi Lao-Cai Rail Line

DESCRIPTION:

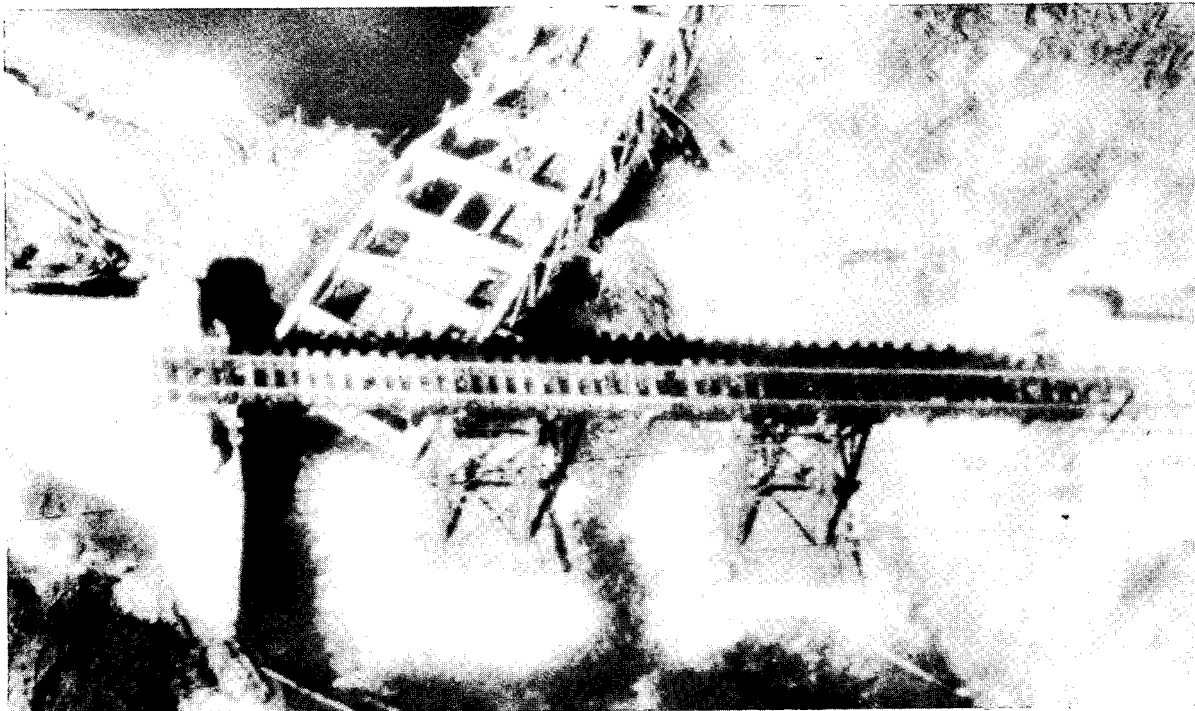
25X1

LENGTH	[REDACTED]	MATERIAL	Wood
WIDTH	Single track	NO. OF SPANS	3
TYPE	Deck, Beam	LENGTH OF EACH SPAN	[REDACTED]

25X1

STATUS: Serviceable replacement for bombed out bridge. Bridge is supported by beams, two wooden towers and the old concrete abutments.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION

NAME Lac Di Hwy. Bridge Bridge No. 49 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 01N - 106 17E XE 359920
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65051 October 1965

25X1

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

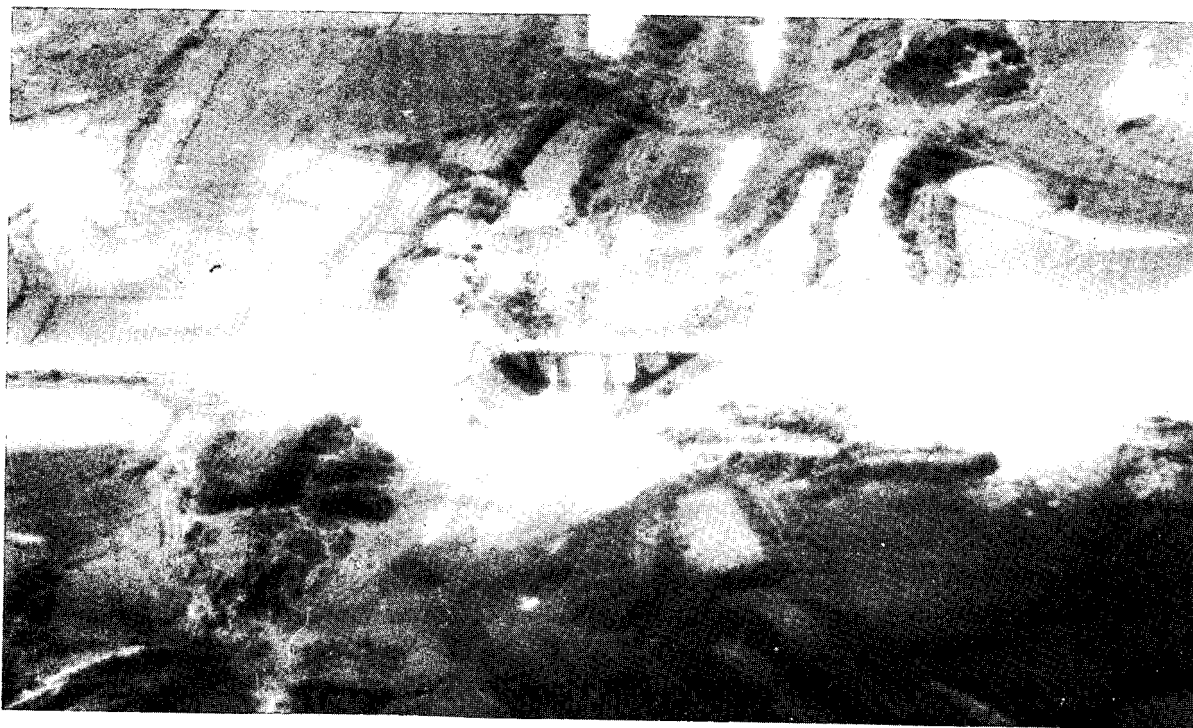
DESCRIPTION:

LENGTH 140' approx.
 WIDTH 10'
 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



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CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Khe Che R.R. Br. Bridge No. 1 on NF 48-10	COUNTRY	North Vietnam	COORDINATES	21 59N - 104 34E VK 561 313
	PHOTO MAP	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.

DESCRIPTION:

LENGTH	100'	MATERIAL	Wood (formerly Steel and Concrete)
WIDTH	Single track	NO. OF SPANS	3
TYPE	Deck Girder (formerly half-through truss)	LENGTH OF EACH SPAN	1-20', 1-25', 1-55'

STATUS:

Replacement for a previously destroyed bridge.

COMPENSATIVE ACTION:

Note old bridge in stream bed.



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CIA IMAGERY ANALYSIS DIVISION

NAME Bai Due Thon Bridge No. 7 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 105 50E WF 886 964
MAP AMS L509 NE 48-7		BRIEF NO: 65053

25X1

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

DESCRIPTION:

LENGTH	140' (approx.)	MATERIAL	Steel truss with Concrete abutments
WIDTH	Single track	NO. OF SPANS	1
TYPE	Through truss	LENGTH OF EACH SPAN	140' (approx.)

STATUS: One end of span dropped and one abutment severly damaged.

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

25X1

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

LOCATION:

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

DESCRIPTION:

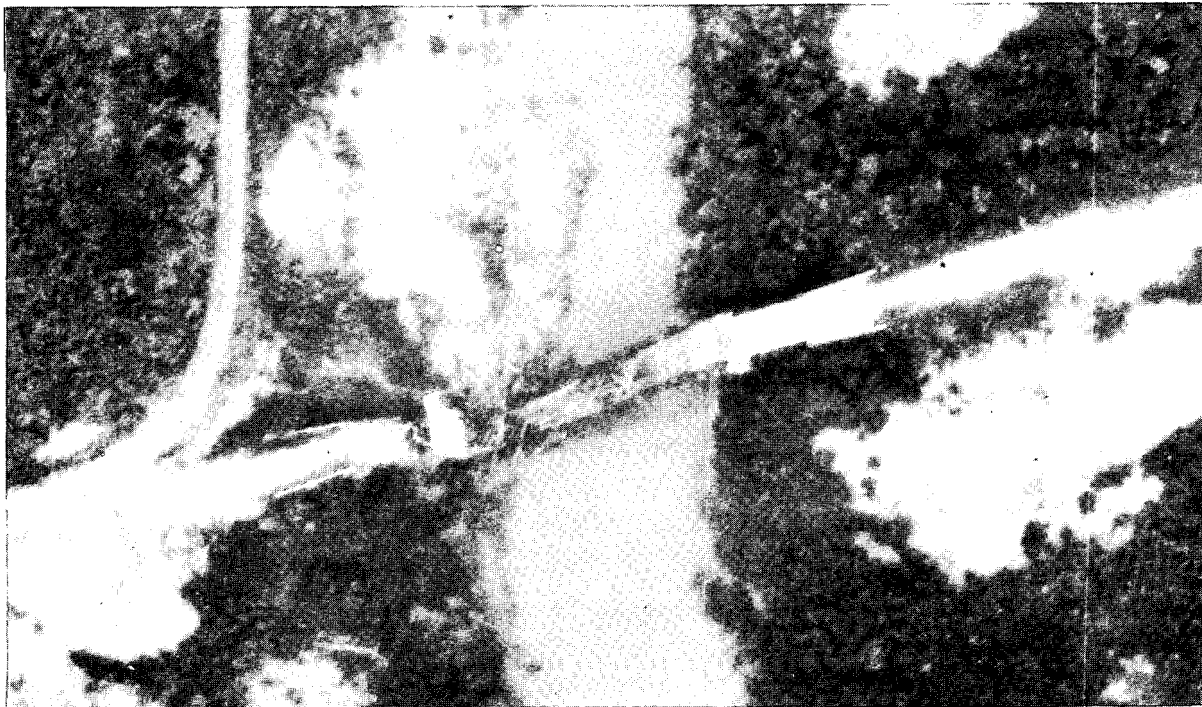
LENGTH 160'
WIDTH 15'
TYPE Deck

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 IMAGERY ANALYSIS DIVISION

25X1	NAME Xom Con Cao Hwy. Bridge over stream [redacted] Bridge No. 4 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 59N - 105 51E WE 891895
25X1	[redacted]		BRIEF NO: PIB 65055 May 1966
	MAP AMS L509 NE 48-11		

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

DESCRIPTION:

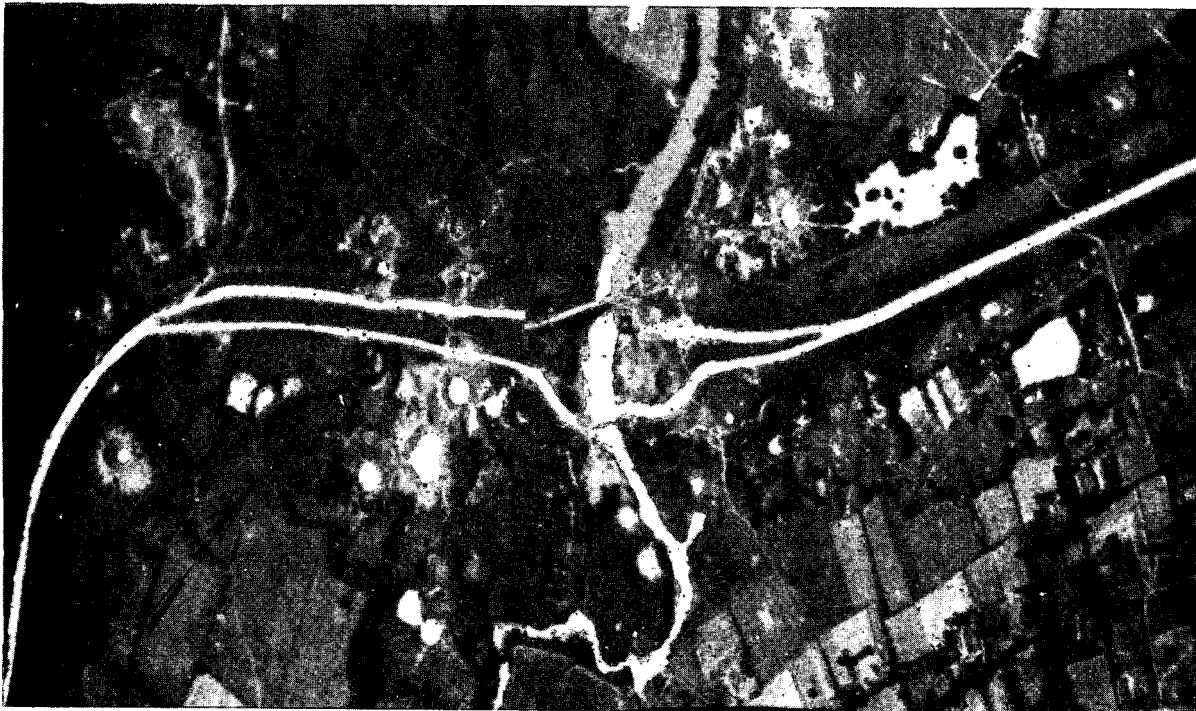
25X1	LENGTH 210' approx.	MATERIAL Concrete and steel
	WIDTH [redacted]	NO. OF SPANS 3
	TYPE Deck	LENGTH OF EACH SPAN 2 @ 40' 1 @ 130'

STATUS:

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

COMPENSATIVE ACTION:

Ford



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Than Hoa Doumer Br. Bridge No. 7 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 50N - 105 47E WG 837 935
MAP AMS L509 NE 48-3		BRIEF NO: 65056

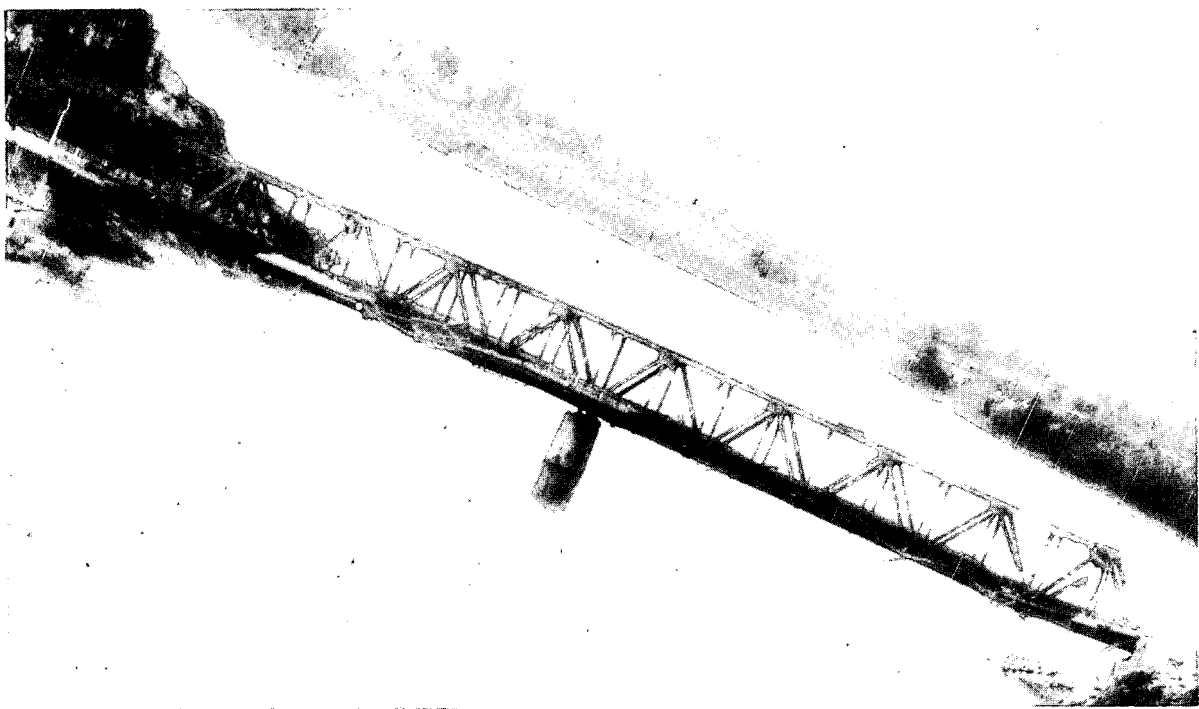
LOCATION: 1.8 N.M.N.E. of Than Hoa on the Hanoi-Vinh Rail Line

DESCRIPTION:

LENGTH	530'	MATERIAL	Steel and Concrete
WIDTH	Single track, single lane	NO. OF SPANS	2
TYPE	Through Truss	LENGTH OF EACH SPAN	265'

STATUS: Bridge decking heavily damaged, bridge is unserviceable.

COMPENSATIVE ACTION: None



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SECRET

25X

CIA IMAGERY ANALYSIS DIVISION

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

25X1

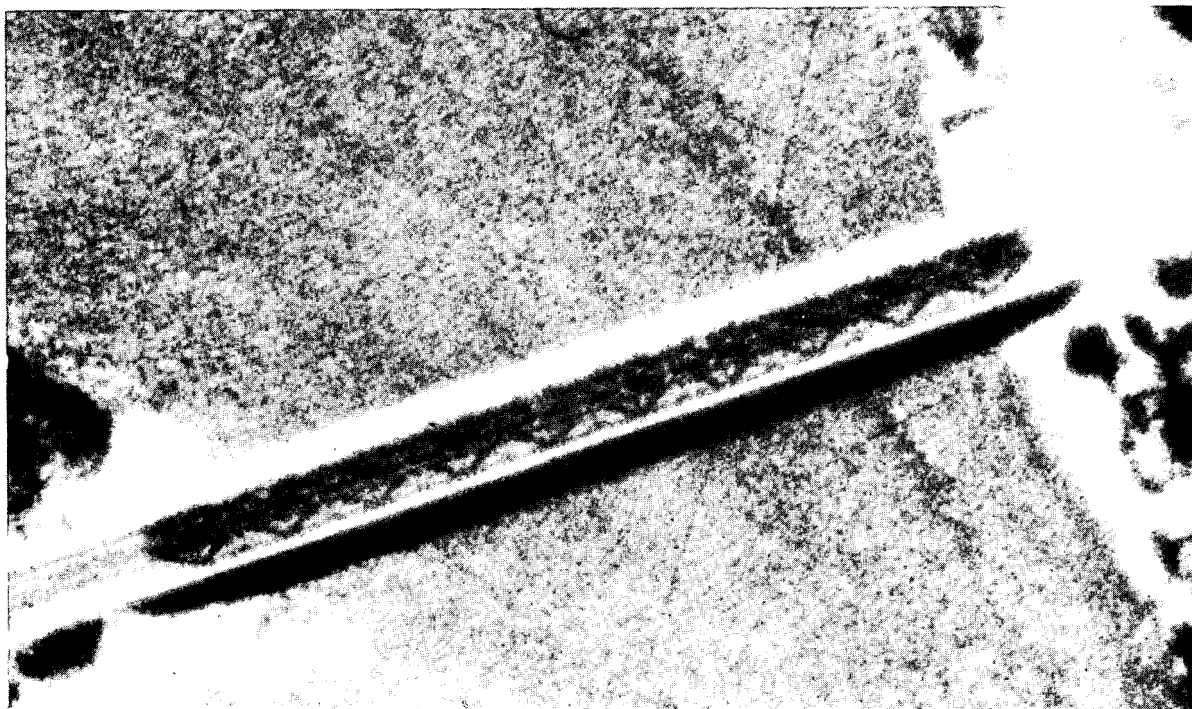
LOCATION: 1.8 N.M.N.E. of Than Hoa on the Hanoi-Vinh Rail Line.

DESCRIPTION:

LENGTH	530'	MATERIAL	Steel and Concrete
WIDTH	Single track, single lane	NO. OF SPANS	2
TYPE	Through truss	LENGTH OF EACH SPAN	265'

STATUS: Pre-strike

COMPENSATIVE ACTION: N/A



SECRET

25X

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CIA IMAGERY ANALYSIS DIVISION

NAME Thanh Hoa Doumer Br. Bridge No. 7 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 50N - 105 47E WG 837 935
MAP L509 NE - 48-3		BRIEF NO: 65058

25X1

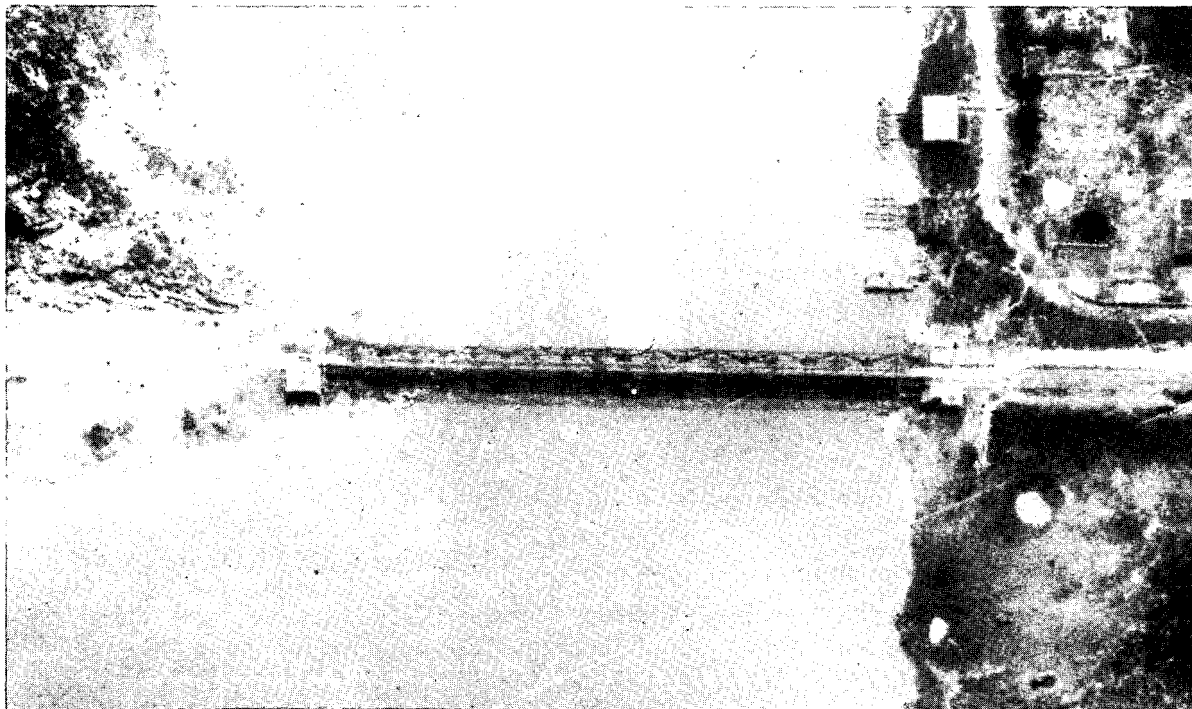
LOCATION: 1.8 N.M. N.E. of Than Hoa on the Hanoi-Vinh Rail Line

DESCRIPTION:

LENGTH	530'	MATERIAL	Steel and Concrete
WIDTH	Single track	NO. OF SPANS	2
TYPE	Through truss	LENGTH OF EACH SPAN	265

STATUS: Serviceable

COMPENSATIVE ACTION: N/A



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CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	La Trong Highway Bridge Bridge No. 7 on NE 48-11	COUNTRY	North Vietnam	COORDINATES	17 51N - 105 48E WE 853735
	MAP	AMS L509 NE 48-11			BRIEF NO:	October 1965 PIB - 65059

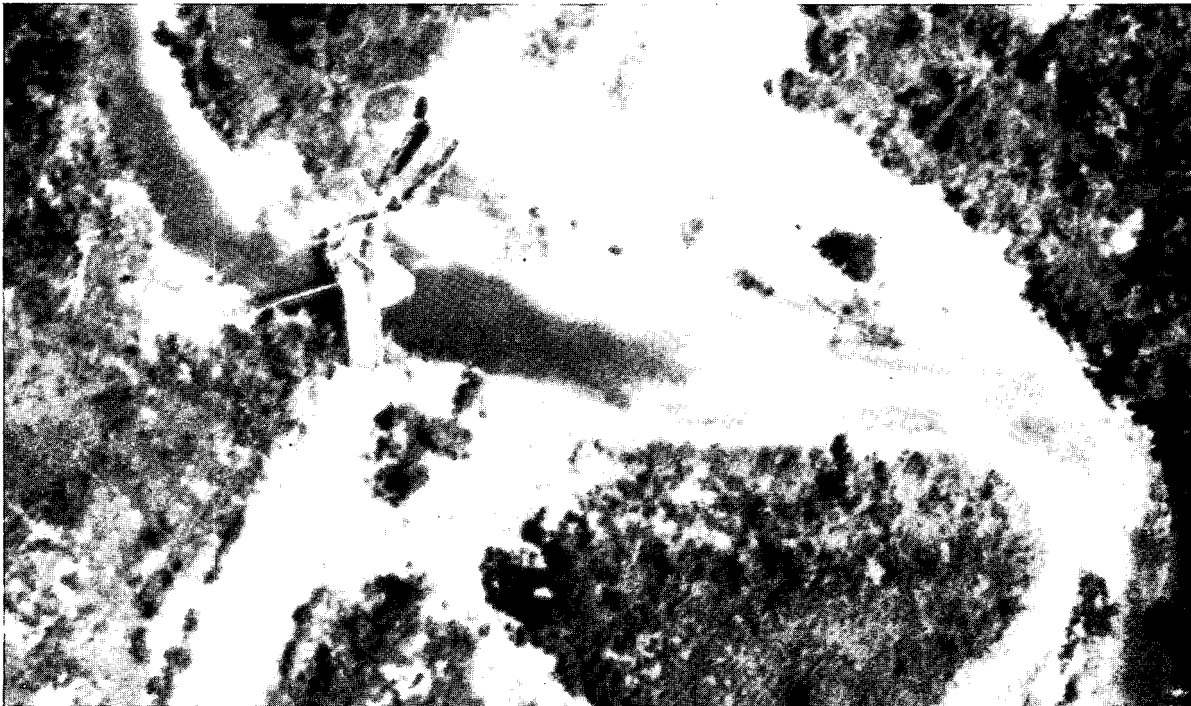
LOCATION: 0.6 N.M. South of La Trong on Route 15

25X1	DESCRIPTION:	[REDACTED]				
	LENGTH	[REDACTED]	MATERIAL	Steel with wood decking		
	WIDTH	Approx. 10'	NO. OF SPANS	2		
	TYPE	Probable Half-through Truss		LENGTH OF EACH SPAN	[REDACTED]	

25X1

STATUS: Destroyed, abutments appear intact center pier heavily damaged or destroyed.

COMPENSATIVE ACTION: Ford 300' to West of bridge.



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Ly Nhan Highway Bridge Bridge No. 3 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 00N - 105 35E WG 618 020
MAP AMS L509 NE 48-3		BRIEF NO: PIB - 65060

LOCATION: 1.0 N.M. W. of Ly Nhan on Rt. 1

DESCRIPTION:

25X1

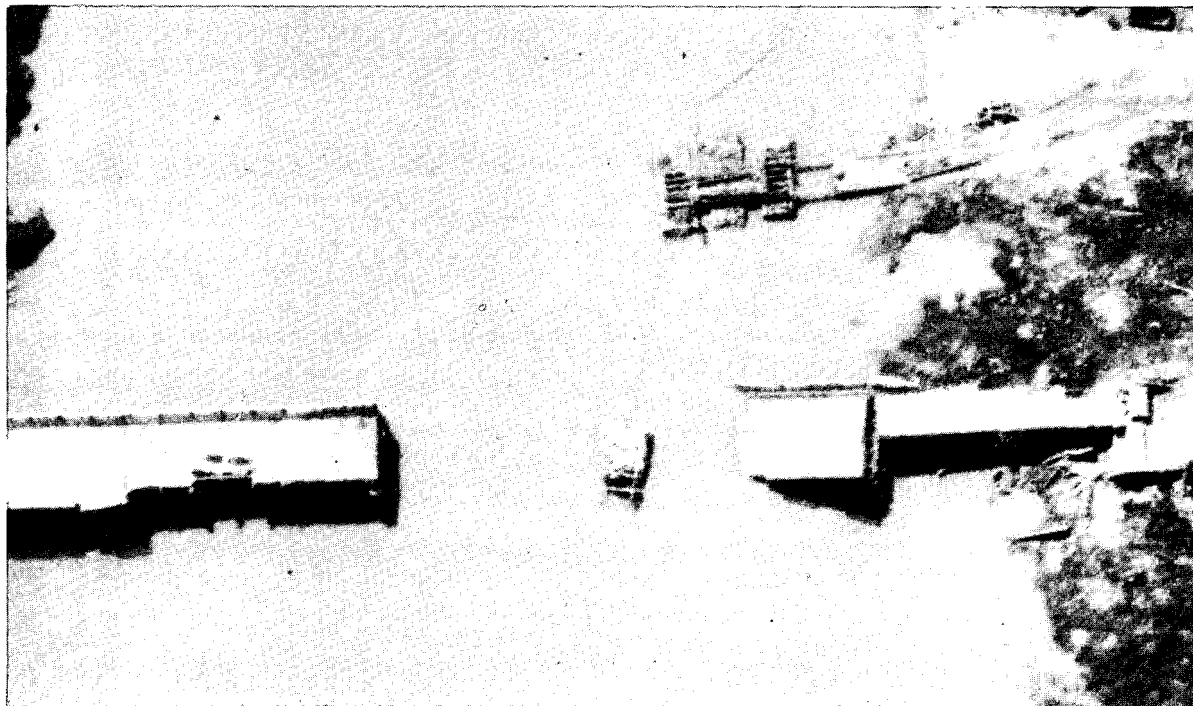
LENGTH	400'	MATERIAL	Concrete
WIDTH	<input type="text"/>	NO. OF SPANS	5
TYPE	Deck	LENGTH OF EACH SPAN	80'

STATUS:

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

COMPENSATIVE ACTION:

Pontoon Bridge constructed adjacent to damaged bridge.



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25X1



CIA IMAGERY ANALYSIS DIVISION

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

25X1

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

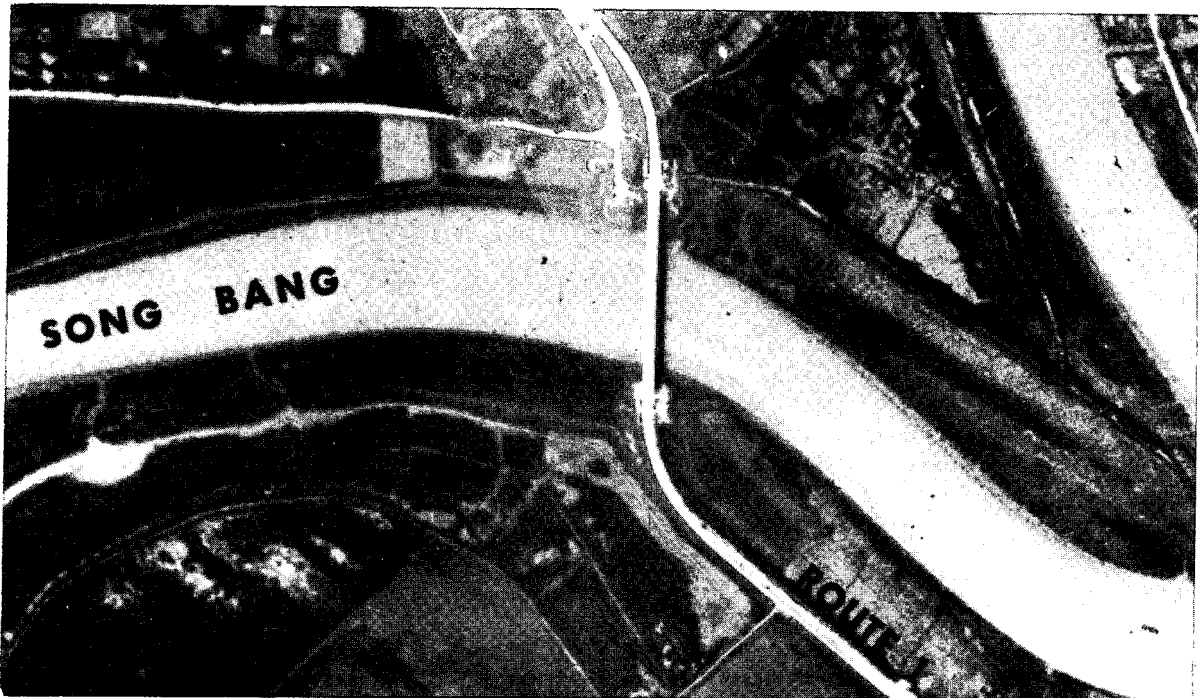
DESCRIPTION:

LENGTH	400'	MATERIAL	Concrete
WIDTH		NO. OF SPANS	5
TYPE	Deck	LENGTH OF EACH SPAN	80'

25X1

STATUS: Pre-strike

COMPENSATIVE ACTION: N/A



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25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Bai Railroad Bridge Bridge No. 11 on NE 48-7	North Vietnam	18 09N - 105 43E WF 762079
25X1 MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65062

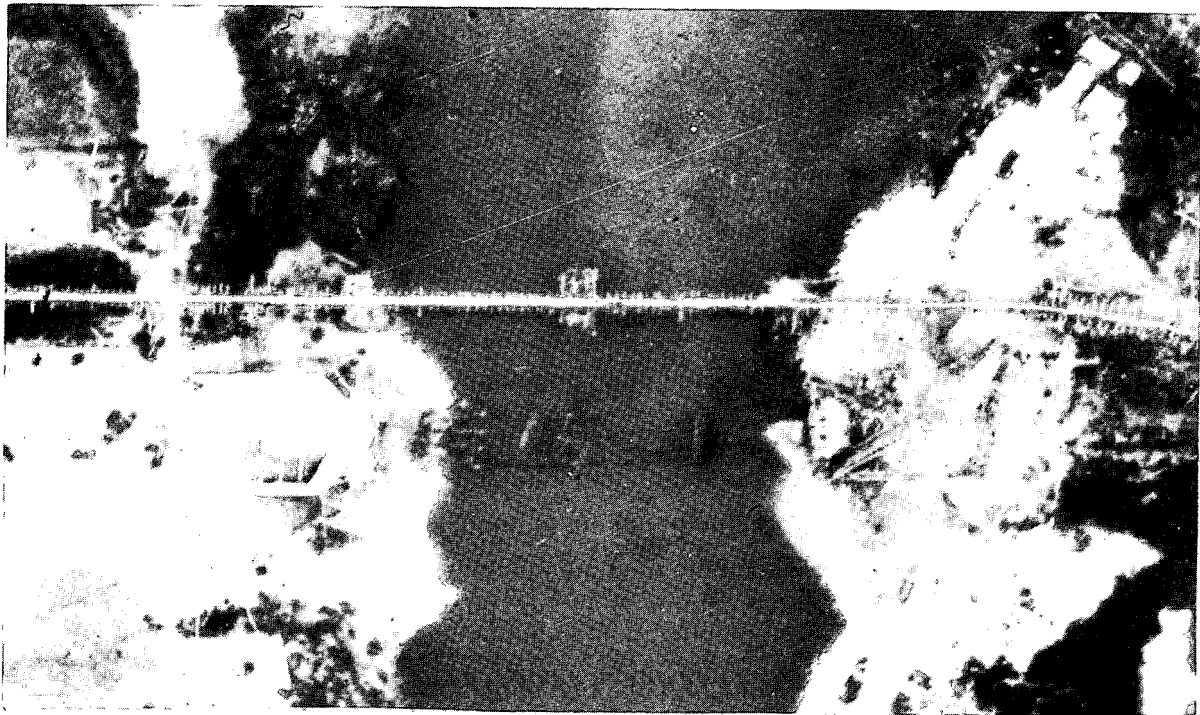
LOCATION: 0.4 nm East of Dong Bai on Vinh-Dong Hoi R.R.

DESCRIPTION:

25X1	LENGTH	[REDACTED]	MATERIAL	Concrete abutment. Probable Steel
	WIDTH	Single Track	NO. OF SPANS	Probable 5 and Wood
	TYPE	Probable deck girder	LENGTH OF EACH SPAN	[REDACTED] 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.



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Vat Highway Bridge Bridge No. 18 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 02N - 104 19E VJ 295 274
MAP AMS L509 NF 48-10		BRIEF NO: October 1965 PIB - 65063

25X1

LOCATION:

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

DESCRIPTION:

LENGTH	160' approx.	MATERIAL	Concrete and steel
WIDTH	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.



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Ban Na Hin Highway Bridge Bridge No. 1 on NF 48-14	COUNTRY North Vietnam	COORDINATES 20 58N - 103 33E UJ 490 180
MAP AMS L509 NF 48-14		BRIEF NO: October 1965 PIB - 65064

LOCATION: 0.3 N.M. N.W. of Ban Na Hin on Rte. #44A

DESCRIPTION:

25X1

LENGTH	approx. 50'	MATERIAL	Wood
WIDTH	<input type="text"/>	NO. OF SPANS	1
TYPE	probable deck	LENGTH OF EACH SPAN	50'

STATUS: Pre-strike, undamaged

COMPENSATIVE ACTION: NA



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CIA IMAGERY ANALYSIS DIVISION

25X1	NAME Dong Tam Hwy. Br. Bridge #18 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 50N - 106 06 XE 166 714
	MAP AMS L509 NE 48-11		BRIEF NO: PIB- 65065

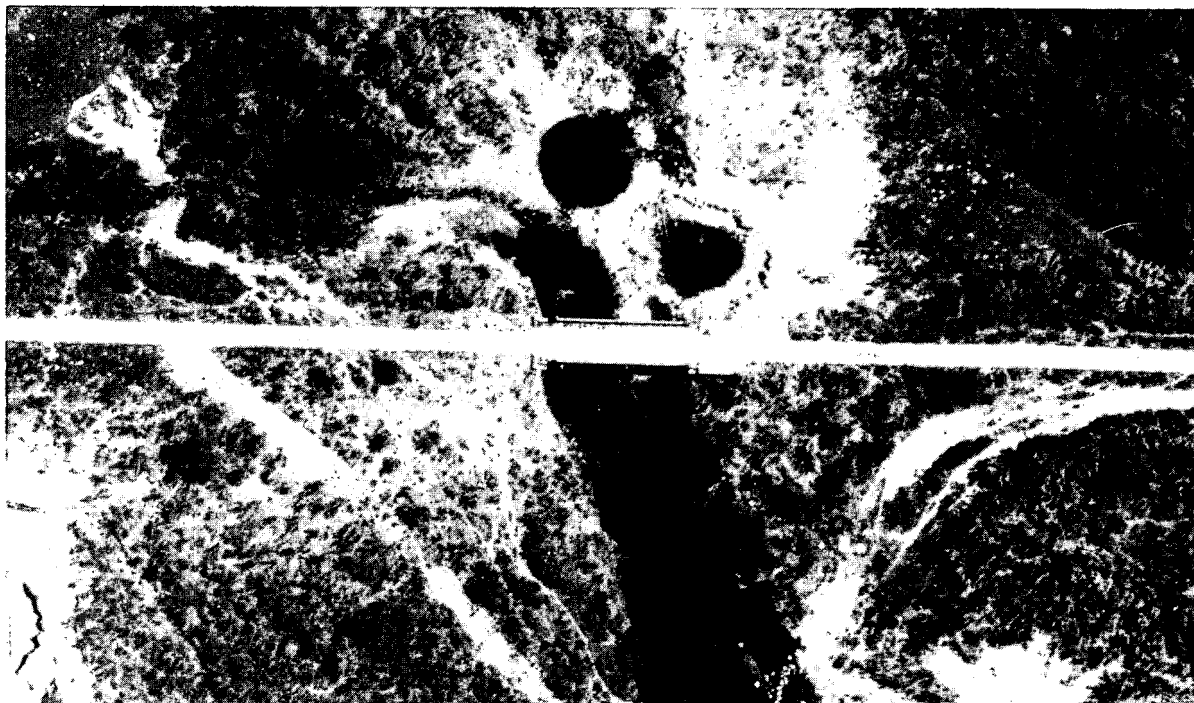
LOCATION: 0.3 N.M. S.W. of Dong Tam on abandon R.R.

DESCRIPTION:

25X1	LENGTH	50' approx.	MATERIAL	wood, concrete abutments
	WIDTH	<input type="text"/>	NO. OF SPANS	1
	TYPE	deck	LENGTH OF EACH SPAN	50' approx.

STATUS: Light damage to timber decking.

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Pa Hon Highway Bridge Bridge No. 2 on NF 48-9	COUNTRY North Vietnam	COORDINATES UK 238 094 21 46N - 103 17E
MAP AMS L509 NF 48-9		BRIEF NO: October 1965 PIB - 65066

25X1

LOCATION: 0.6 Nautical miles south of Ban Pa Hon on Rte. 6

25X1

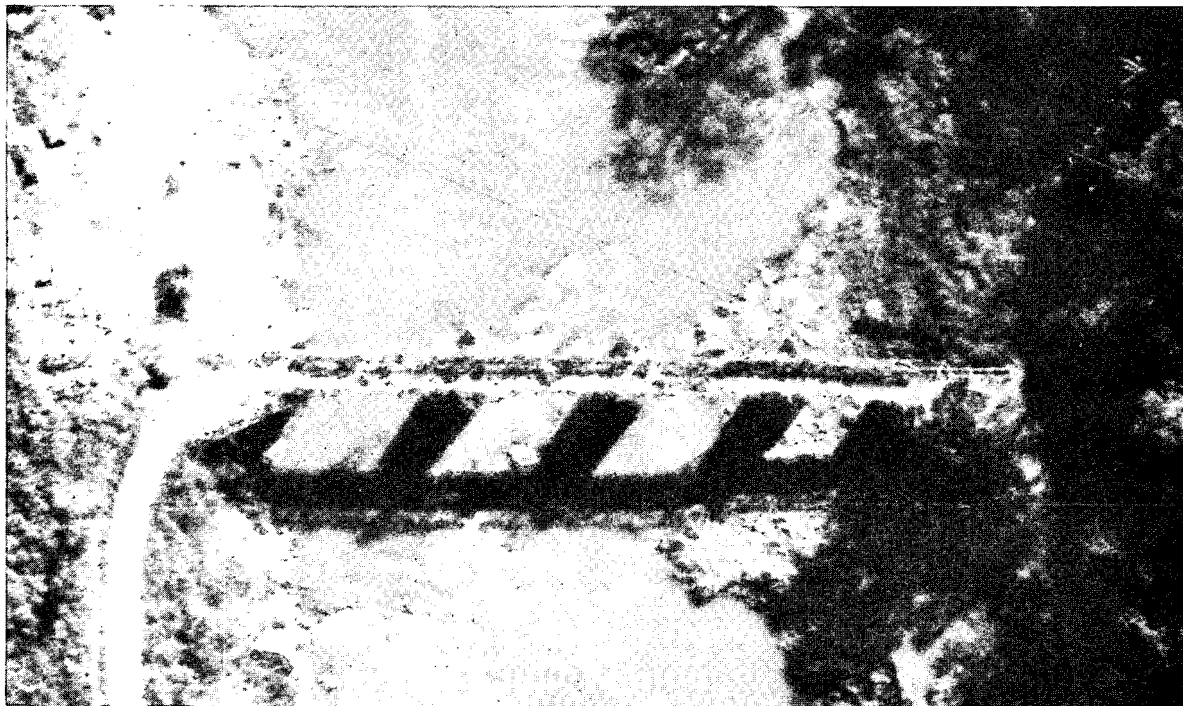
DESCRIPTION:

LENGTH	[REDACTED]	MATERIAL	WOOD, steel, and concrete
WIDTH	10' approx.	NO. OF SPANS	4
TYPE	Half through truss	LENGTH OF EACH SPAN	[REDACTED]

25X1

STATUS: Pre-strike photo - undamaged - serviceable

COMPENSATIVE ACTION: NA



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Ca Trang Hwy. Br. 1 Bridge No. 3 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 57N - 105 49E WE 865 855
25X1 [REDACTED]		BRIEF NO: October 1965 PTB - 65068
MAP AMS L509 NE 48-11		

LOCATION:

0.6 N.M. W. of Xom Ca T rang on route 12

DESCRIPTION:

25X1

LENGTH
WIDTH
TYPE

[REDACTED]

Deck

MATERIAL
NO. OF SPANS
LENGTH OF EACH SPAN

Concrete and steel
4

[REDACTED]

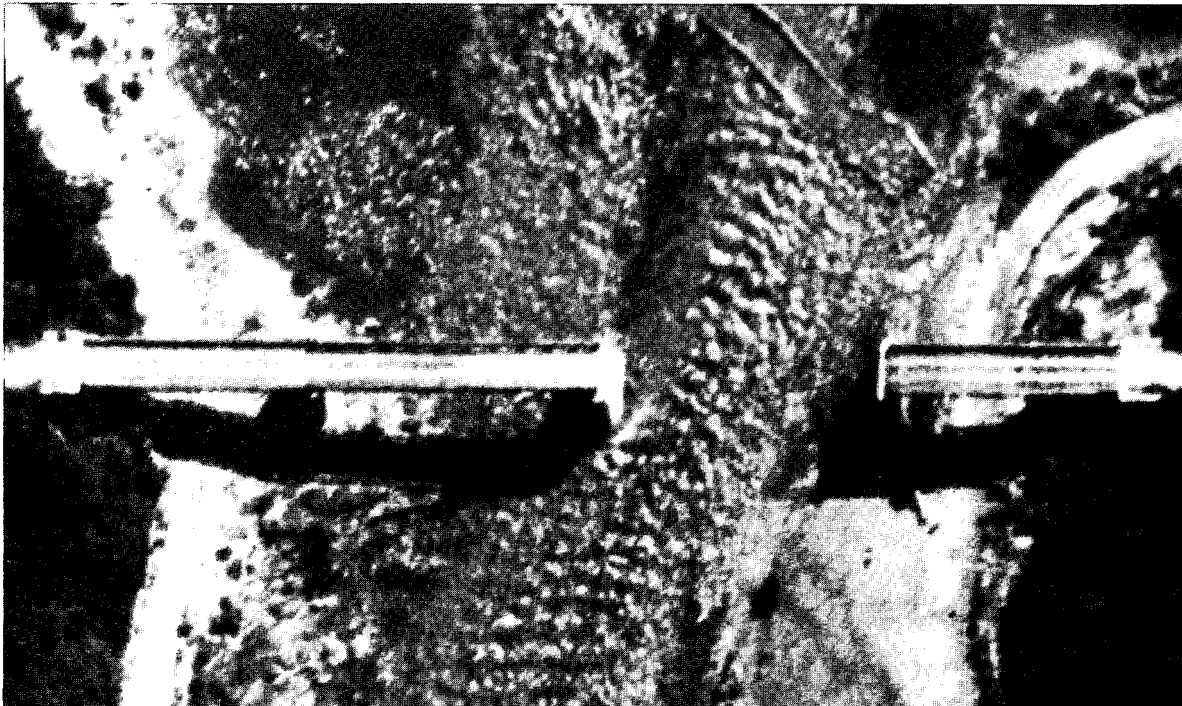
25X1

STATUS:

1 span dropped, all piers and abutments appear intact.

COMPENSATIVE ACTION:

Ford approximately 400 feet west of damaged bridge.



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CIA IMAGERY ANALYSIS DIVISION

NAME Lang Quanch - Ngoai R.R. Br. Bridge #4 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 54N - 104 40E VK 663 217
MAP AMS L509 NF 48-10		BRIEF NO: October 1965 PIB - 65070

25X1

LOCATION:

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

DESCRIPTION:

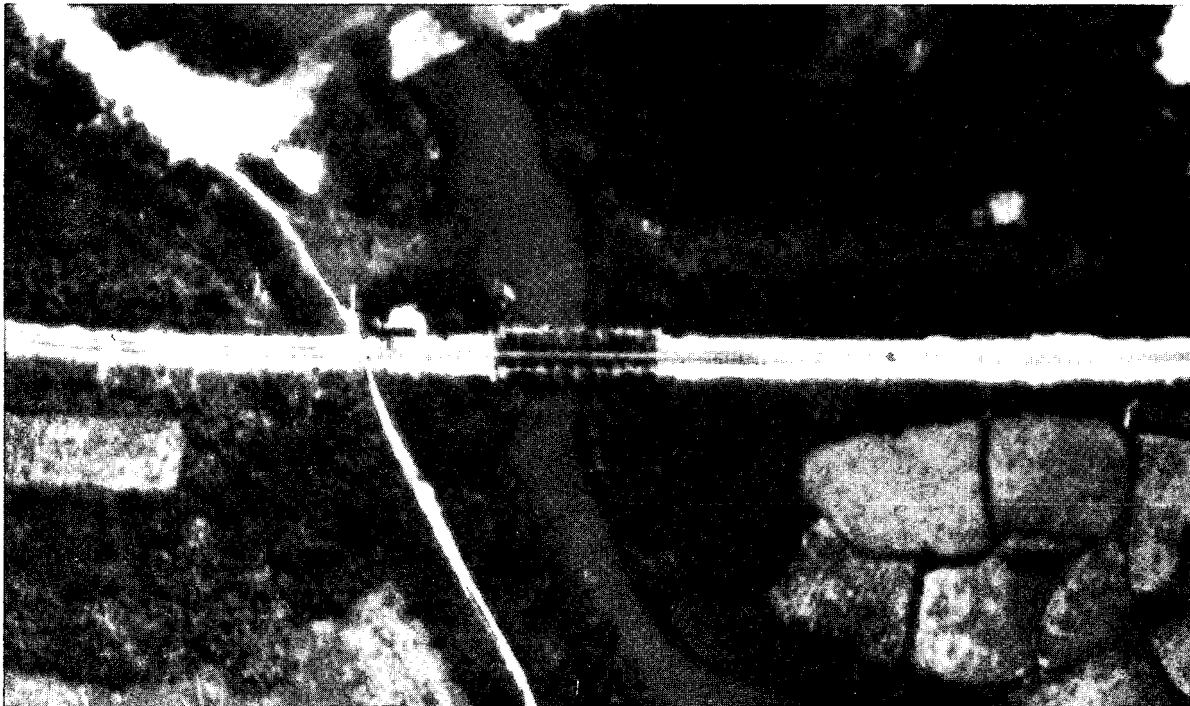
LENGTH	80'	MATERIAL	wood, concrete abutments
WIDTH	single track	NO. OF SPANS	1
TYPE	deck	LENGTH OF EACH SPAN	80'

STATUS:

Pre-strike

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

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

25X1

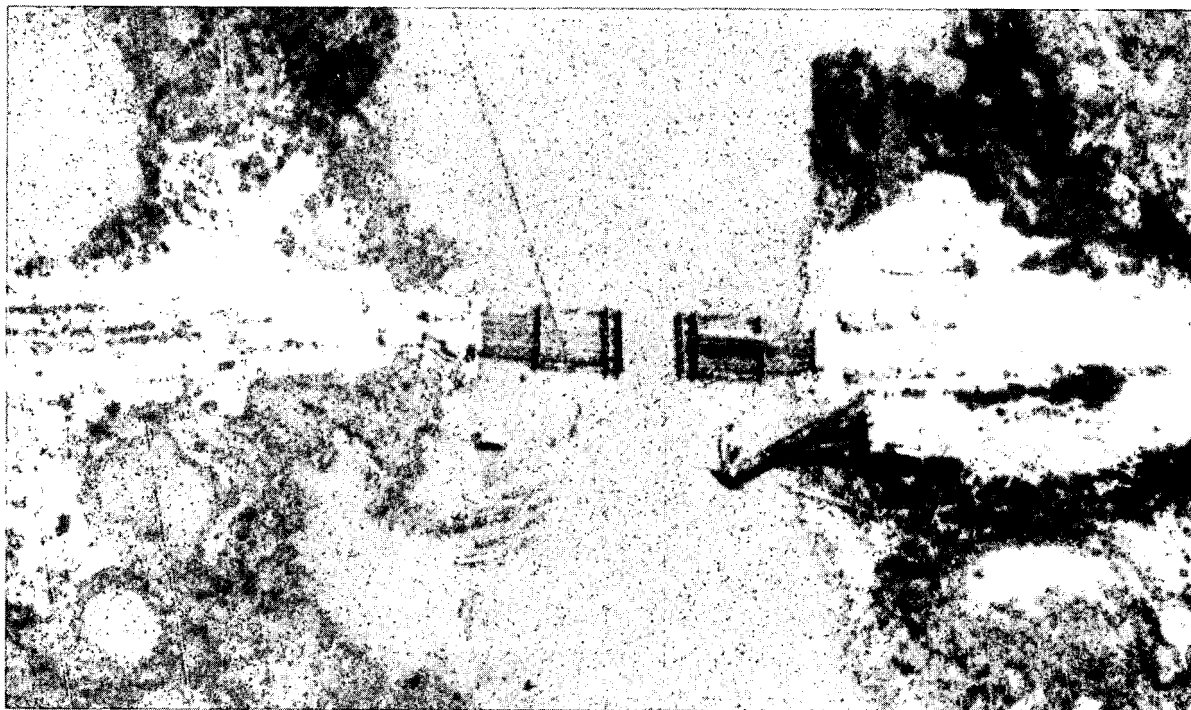
LOCATION: 1.0 N.M. West of Phuc Thiem on route 7.

DESCRIPTION:

LENGTH	60' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	undetermined
TYPE	Temporary	LENGTH OF EACH SPAN	undetermined.

STATUS: Under construction, as a replacement for previously destroyed bridge.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION

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

25X1

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

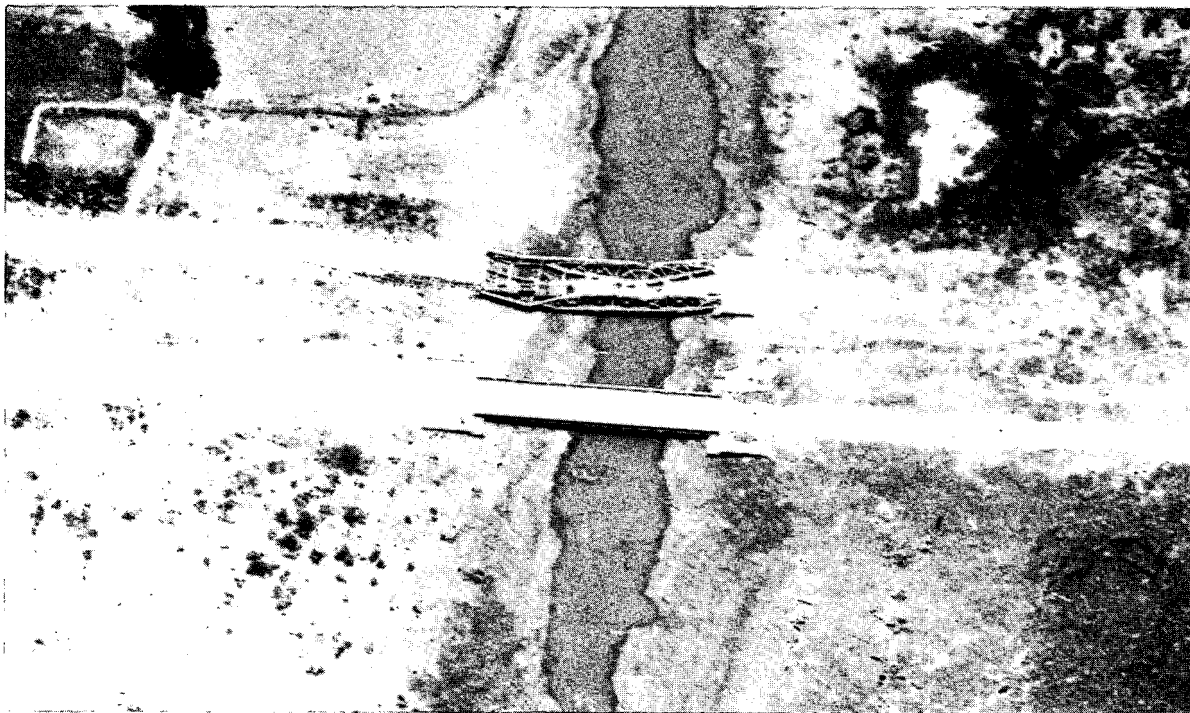
DESCRIPTION:

LENGTH	95' approx.	MATERIAL	steel with concrete abutments
WIDTH	single-track	NO. OF SPANS	1
TYPE	half-through truss	LENGTH OF EACH SPAN	95'

STATUS:

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

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION

NAME Xom Ca Trang Hwy. Br. II Bridge No. 17 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 57N - 105 49E WE 861 859
MAP L509 NE 48-11		BRIEF NO: PIB - 65071

25X1

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

DESCRIPTION:

LENGTH	150'	MATERIAL	Steel
WIDTH	10'	NO. OF SPANS	probably 3
TYPE	through-truss	LENGTH OF EACH SPAN	50'

STATUS:

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

COMPENSATIVE ACTION: Ford approximately 800' east of bridge.



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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
MAP AMS L509 NE 48-11		BRIEF NO: PIB-65072

25X1

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

DESCRIPTION:

LENGTH	30' approx.	MATERIAL	Concrete
WIDTH	15' approx.	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	30'

STATUS:

South end of span dropped, south abutment damaged.

COMPENSATIVE ACTION:

A by-pass timber bridge has been erected.



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Hung Nhan Hwy. Bridge Bridge No. 34 on NE 48-7	North Vietnam	18 04N - 106 18E XE 371981
25X1 <input type="text"/>		BRIEF NO: PIB - 65074 October 1965
MAP <u>AMS 1509</u> <u>NE 48-7</u>		

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

DESCRIPTION:

25X1
 LENGTH 180'
 WIDTH
 TYPE Deck

MATERIAL Concrete abutments, wooden
 NO. OF SPANS 6 deck
 LENGTH OF EACH SPAN 30'

STATUS: 3 spans destroyed

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Qui Trinh Hwy. Bridge Bridge No. 13 on NE 48-12	North Vietnam	17 12N - 106 43E XE 830034
MAP: AMS L509 NE 48-12		BRIEF NO: PIB - 65075 October 1965

LOCATION: 0.4 nm S.W. of Qui Trinh on Route 101

DESCRIPTION:

25X1

LENGTH	60'	MATERIAL	Concrete
WIDTH	<input type="text"/>	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



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CIA IMAGERY 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
MAP AMS L509 NF 48-9		BRIEF NO: PIB - 65076 October 1965

25X1

LOCATION:

DESCRIPTION:

25X1

LENGTH
WIDTH
TYPE

Deck

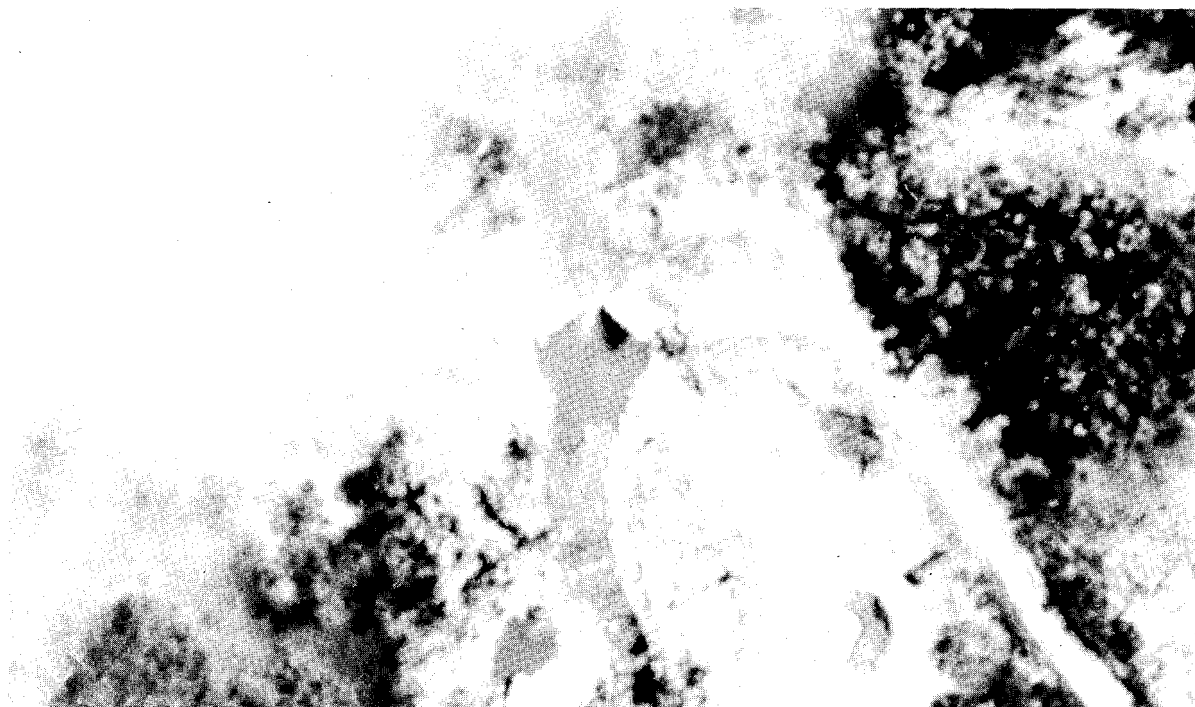
MATERIAL
NO. OF SPANS
LENGTH OF EACH SPAN

Concrete
Probably 2

25X1

STATUS: Both spans destroyed, abutments are intact.

COMPENSATIVE ACTION: Ford 30 feet south of bridge.



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Kim Cuong II Hwy Bridge Bridge No. 5 on NE 48-7	North Vietnam	18 26N - 105 15E WF 254386
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65077 October 1965

25X1

LOCATION: 1.2 nm W.S.W. of Kim Cuong on Route 8

DESCRIPTION:

25X1

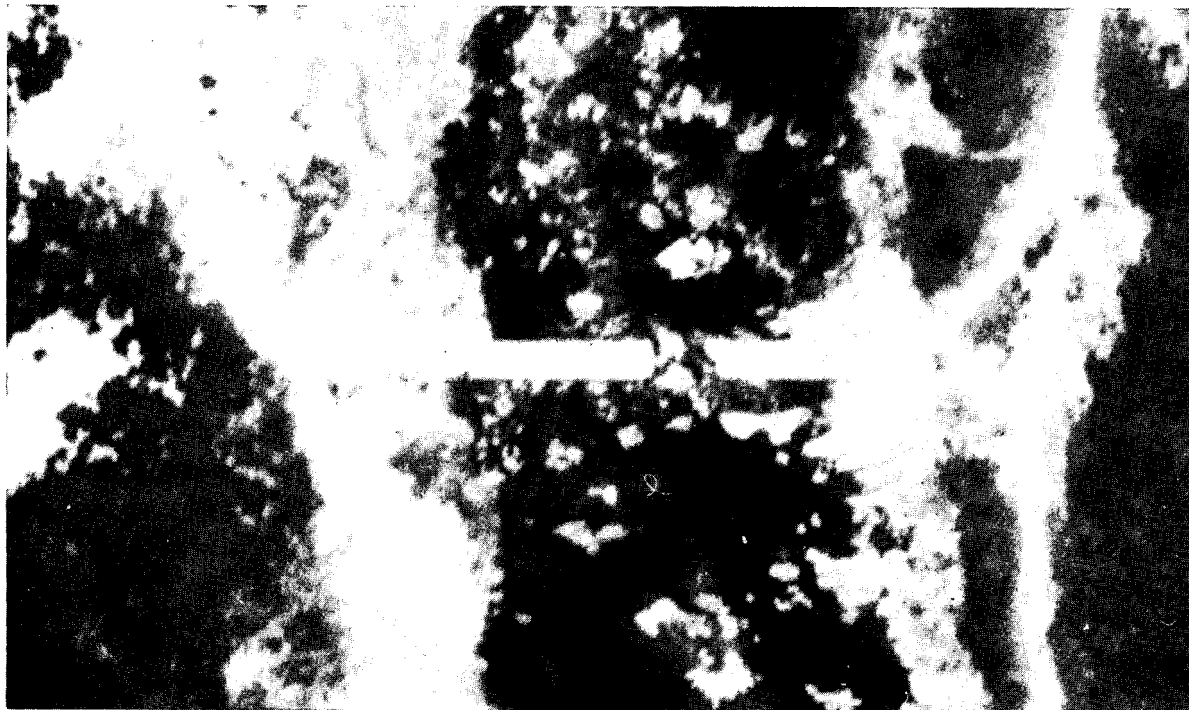
LENGTH
 WIDTH 20'
 TYPE Deck

MATERIAL Concrete
 NO. OF SPANS 2
 LENGTH OF EACH SPAN

25X1

STATUS: 40' of one span destroyed

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Na Ty Hwy. Bridge Bridge No. 30 on NF 49-10	North Vietnam	21 25N - 103 44E UJ 688700
25X1 <input type="text"/> MAP AMS L509 NF 48-10		BRIEF NO: PIB - 65078 October 1965

LOCATION:

DESCRIPTION:

25X1	LENGTH	<input type="text"/>	MATERIAL	Concrete	
	WIDTH	<input type="text"/>	NO. OF SPANS	2	
	TYPE	Deck	LENGTH OF EACH SPAN	<input type="text"/>	25X1

STATUS: One abutment damaged, one end of span damaged.

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Pom Lot Hwy. Bridge Bridge No. 1 on NF 48-9	COUNTRY North Vietnam	COORDINATES 21 17N - 103 00E TJ 934560
MAP AMS 1509 NF 48-9		BRIEF NO: PIB - 65079 October 1965

25X1

LOCATION:

DESCRIPTION:

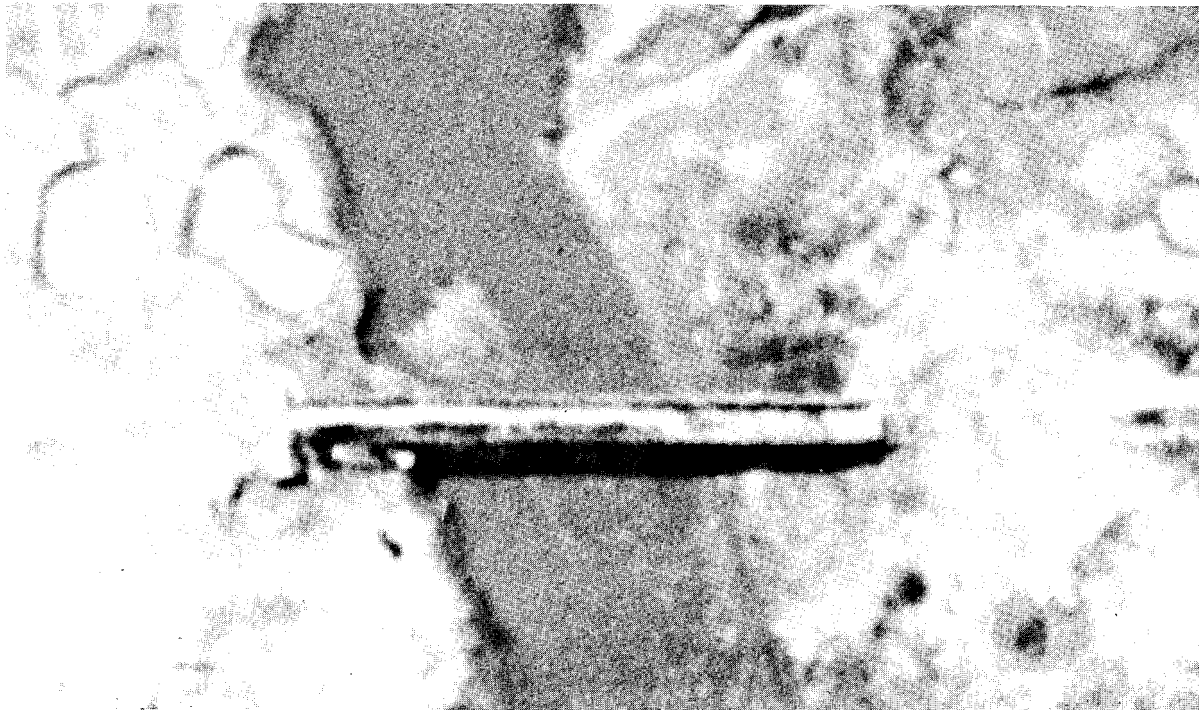
LENGTH 260'
 WIDTH
 TYPE Half-through truss

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

25X1

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

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Veng Hwy. Bridge Bridge No. 12 on NF 48-9	COUNTRY North Vietnam	COORDINATES 21 32N - 103 21E UJ 293826
MAP AMS L509 NF 48-9		BRIEF NO: PIB - 65080 October 1965

25X1

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

DESCRIPTION:

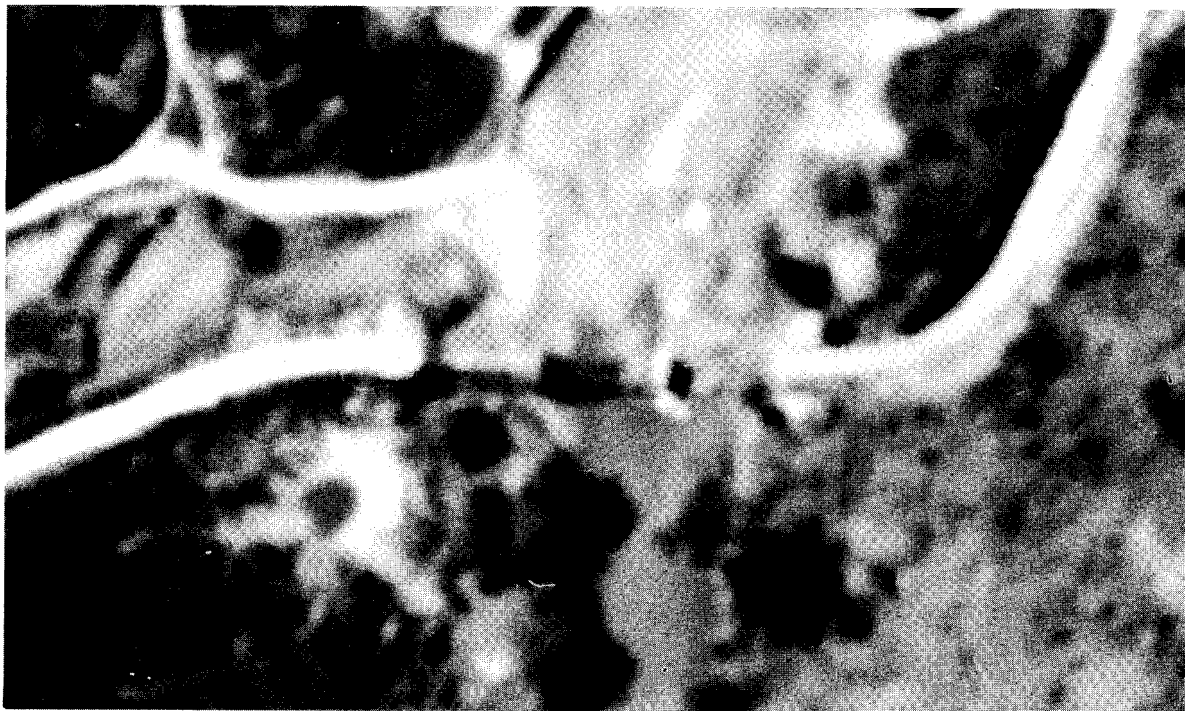
25X1

LENGTH 150' approx.
 WIDTH
 TYPE Deck

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

STATUS: Center and one end span destroyed, abutments and piers intact.

COMPENSATIVE ACTION: Ford 150 feet south of bridge.



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25X1



CIA IMAGERY ANALYSIS DIVISION

NAME Ben Na Ty Hwy. Bridge Bridge No. 6 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 12N - 106 49E XE 942020
[Redacted]		BRIEF NO: PIB - 65081 October 1965
MAP AMS 1509 NE 48-12		

25X1

LOCATION: 0.4 nm N.W. of My Hoa on Route 101

DESCRIPTION:

25X1

LENGTH	[Redacted]
WIDTH	[Redacted]
TYPE	Deck

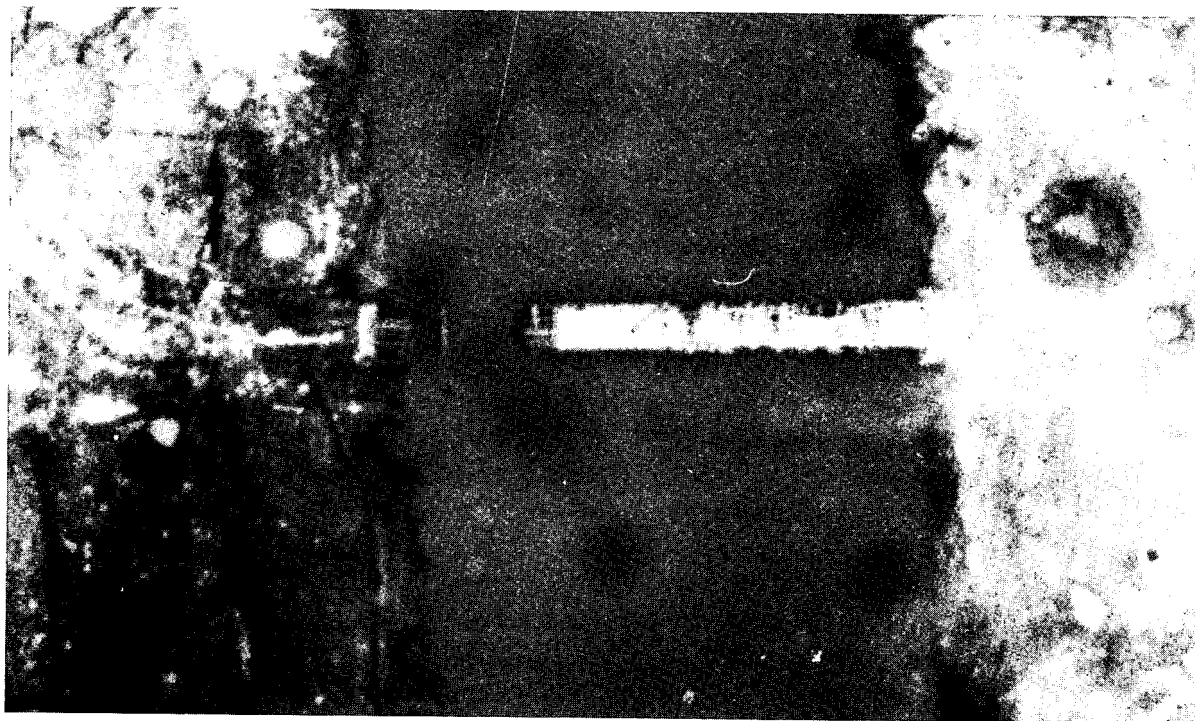
MATERIAL
NO. OF SPANS
LENGTH OF EACH SPAN

Timber
6
[Redacted]

25X1

STATUS: Two spans destroyed, 4 spans damaged.

COMPENSATIVE ACTION: None



~~SECRET~~

25X1



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CIA IMAGERY ANALYSIS DIVISION

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

25X1

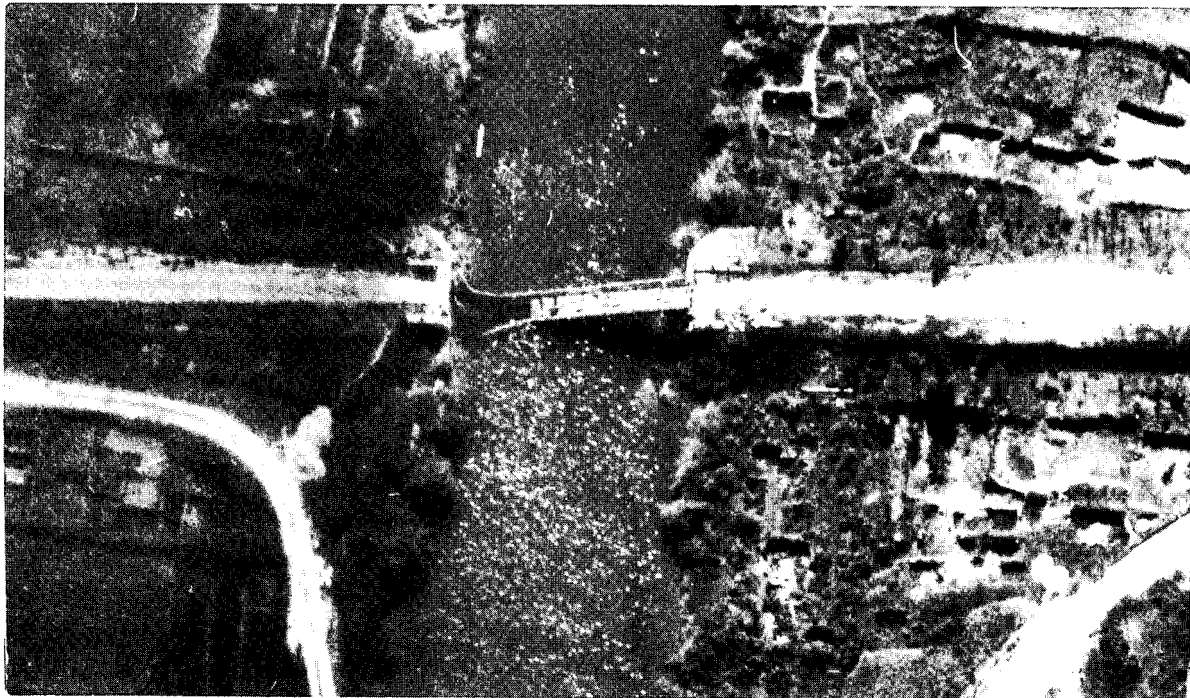
LOCATION: 0.7 nm W. of Nhi Thuyen on Route 101

DESCRIPTION:

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

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

COMPENSATIVE ACTION: Ford



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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 1509 NF 48-2		BRIEF NO: PIB - 65083 October 1965

25X1

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

DESCRIPTION:

25X1

LENGTH 100'
 WIDTH
 TYPE 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.



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CIA IMAGERY ANALYSIS DIVISION

25X1

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		BRIEF NO: PIB - 65084 October 1965

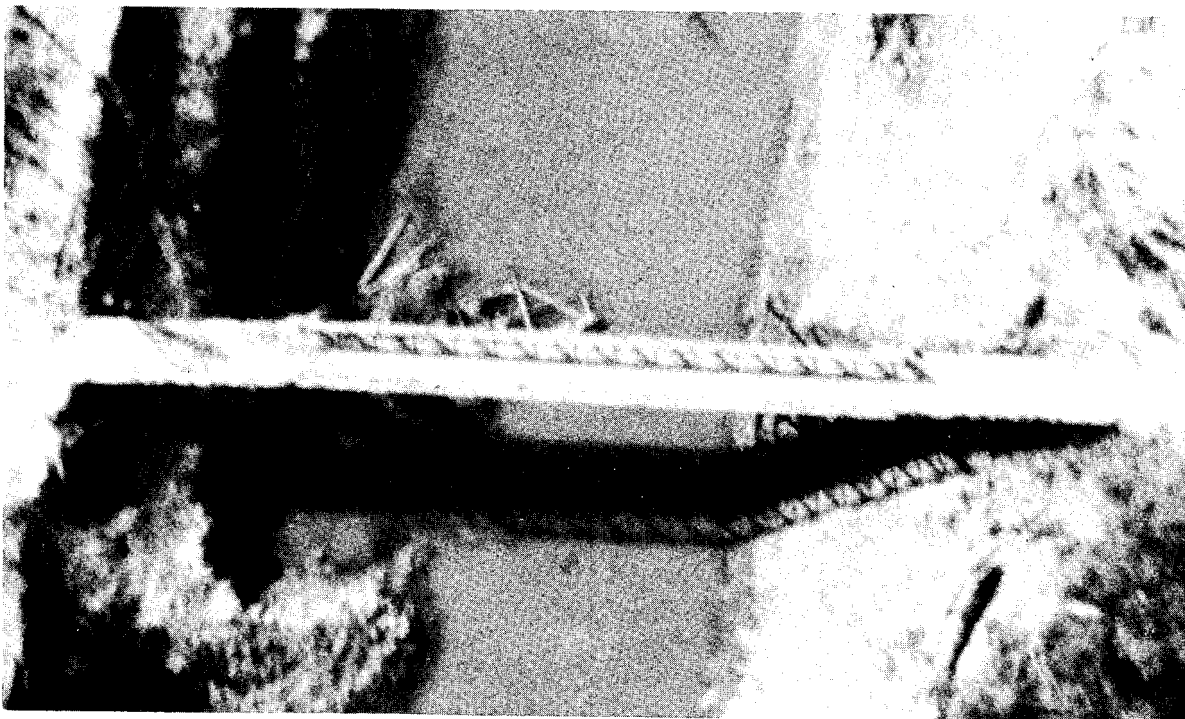
LOCATION: 1.0 nm S.E. of Kha Phong on Route 7

DESCRIPTION:

LENGTH	170'	MATERIAL	Steel and concrete
WIDTH	10'	NO. OF SPANS	3
TYPE	Half-through truss	LENGTH OF EACH SPAN	1-110, 2-30'

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

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Ca Nan Hwy. Bridge Bridge No. 1 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 20N - 104 16E WF 241391
25X1 MAP AMS T509 NE 48-2		BRIEF NO: PIB - 65085 October 1965

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

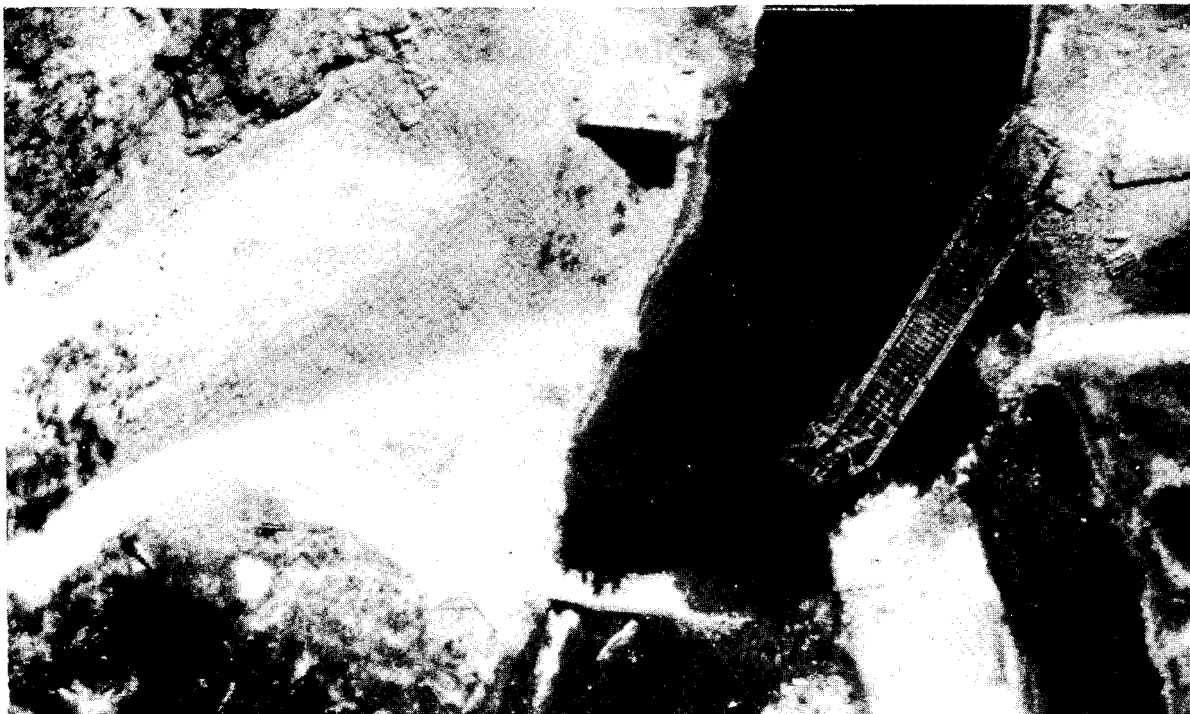
DESCRIPTION:

25X1

LENGTH	130'	MATERIAL	Steel and concrete
WIDTH	<input type="text"/>	NO. OF SPANS	1
TYPE	Half-through truss	LENGTH OF EACH SPAN	130'

STATUS: Span destroyed, one abutment destroyed

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

25X1

25X1

NAME	Hoa Duyot RR. Bridge over stream	COUNTRY	North Vietnam	COORDINATES	18 22N - 105 37E WF 648317
MAP	AMS L509 NE 48-7			BRIEF NO:	PIB 65086 May 1966

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

DESCRIPTION:

LENGTH	40' approx.	MATERIAL	Steel and concrete
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	40' approx.

STATUS:

Span partially damaged; approaches interdicted.

COMPENSATIVE ACTION:

None.



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GROUP 1
Excluded from automatic
downgrading and declassification

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CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Phuc Hoi Hwy. Bridge over Khe Mo 	COUNTRY		COORDINATES	
		Bridge No. 90 on NE 48-2		North Vietnam		18 06N - 105 47E WF 837012
25X1					BRIEF NO:	
	MAP	AMS L509 NE 48-7				PIB 65087 May 1966

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

DESCRIPTION:

LENGTH	40' approx.	MATERIAL	Concrete
WIDTH	10' approx.	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	20'

STATUS:

One span destroyed, approaches interdicted.

COMPENSATIVE ACTION:

Ford.



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GROUP 1
Excluded from automatic
downgrading and declassification

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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Ta Xa Hwy. Bridge Bridge No. 15 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 18N - 104 20E VG 305334
25X1 <input type="text"/>		BRIEF NO: PIB - 65088 October 1965
MAP <u>AMS 1509</u> <u>NE 48-2</u>		

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

DESCRIPTION:

25X1

LENGTH	<input type="text"/>	MATERIAL	Concrete
WIDTH	<input type="text"/>	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	<input type="text"/>

25X1

STATUS: One end of one span dropped, one abutment damaged.

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Houei Giang Hwy. Bridge Bridge No. 13 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 23N - 104 09E VG 107450
MAP AMS L509 NE 48-2		BRIEF NO: PIB - 65089 October 1965

25X1

LOCATION:

DESCRIPTION:

25X1

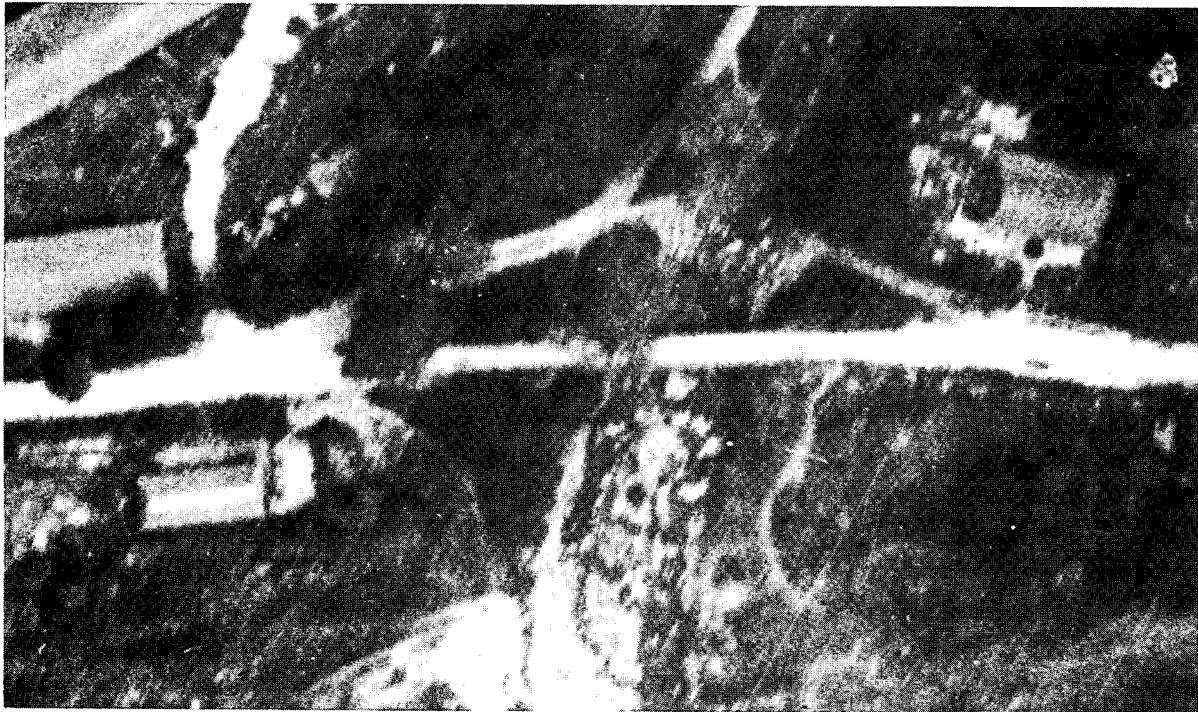
LENGTH
WIDTH 10'
TYPE Deck

MATERIAL Timber
NO. OF SPANS 5
LENGTH OF EACH SPAN

25X1

STATUS: 2 spans destroyed, 1 abutment destroyed

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Houei Giang Hwy. Bridge Bridge No. 13 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 23N - 104 09E VG 107450
MAP AMS L509 NE 48-2		BRIEF NO: PIB - 65090 October 1965

25X1

LOCATION: At Ban Houei Giang on Route 7

DESCRIPTION:

25X1

LENGTH
 WIDTH
 TYPE Deck

MATERIAL Timber
 NO. OF SPANS Probably 5
 LENGTH OF EACH SPAN

25X1

STATUS: Pre-strike

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION

NAME Hou Bang Hwy. Bridge Bridge No. 3 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 31N - 105 29E WF 513468
MAP AMS 1509 NE 48-7		BRIEF NO: PIB - 65091 October 1965

25X1

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

DESCRIPTION:

LENGTH	160' approx.	MATERIAL	Steel, concrete abutments
WIDTH	15'	NO. OF SPANS	2
TYPE	Half-through truss	LENGTH OF EACH SPAN	80'

STATUS: Both spans destroyed, 1 abutment and 1 pier destroyed

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

<small>NAME</small> Loc Dien Hwy. Bridge Bridge No. 12 on NE 48-11	<small>COUNTRY</small> North Vietnam	<small>COORDINATES</small> 17 45N - 106 23E XE 471639
<small>MAP</small> AMS 1509 NE 48-11		<small>BRIEF NO:</small> PIB - 65092 October 1965

25X1

LOCATION: **At Loc Dien on Route 110**

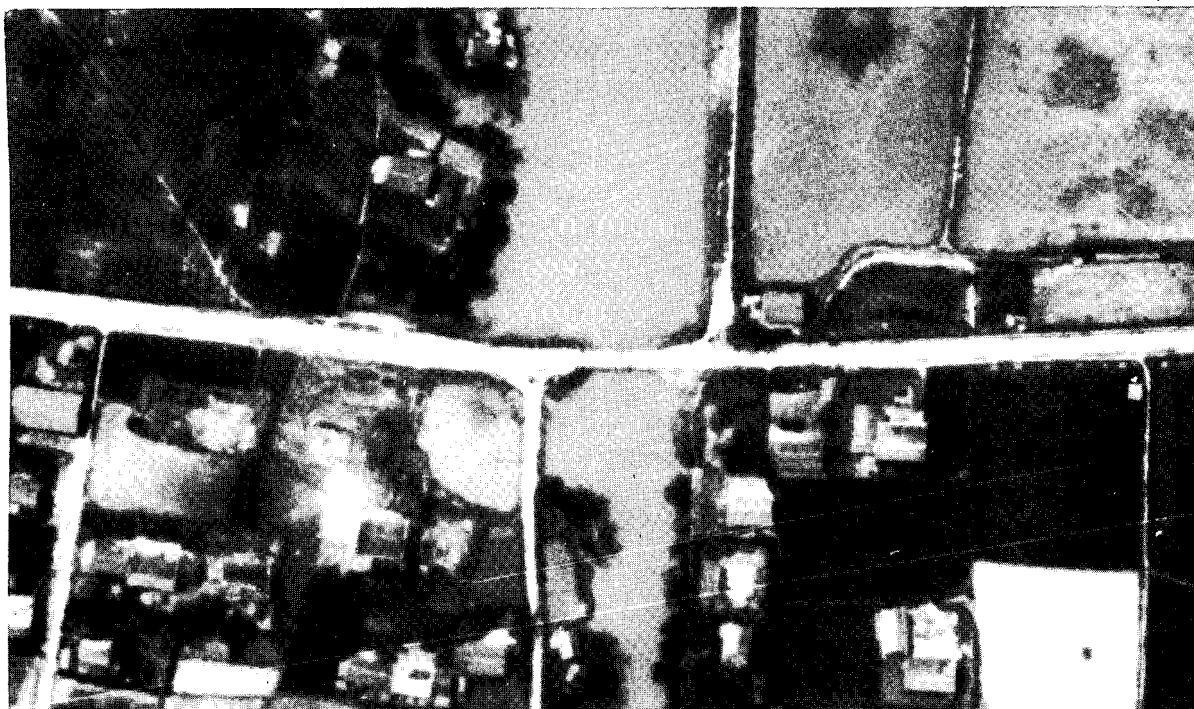
DESCRIPTION:

<small>LENGTH</small>	45'	<small>MATERIAL</small>	Timber
<small>WIDTH</small>	10'	<small>NO. OF SPANS</small>	3
<small>TYPE</small>	Deck	<small>LENGTH OF EACH SPAN</small>	15'

STATUS: **Pre-strike**

COMPENSATIVE ACTION:

REMARKS: This bridge can also be found on PIB No. 65093



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CIA IMAGERY ANALYSIS DIVISION

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

25X1

LOCATION: **At Loc Dien on Route 110**

DESCRIPTION:

LENGTH	45'	MATERIAL	Timber
WIDTH	10'	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	15'

STATUS: **One span destroyed, one span severely damaged**

COMPENSATIVE ACTION: **None**

REMARKS: **This bridge can also be found on PIB No. 65092**



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CIA IMAGERY ANALYSIS DIVISION

NAME Yen Lang Hwy. Bridge Bridge No. 39 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 59N - 105 36E WF 613998
25X1 <input type="text"/>		BRIEF NO: PIB - 65094 October 1965
MAP AMS L509 NE 48-7		

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

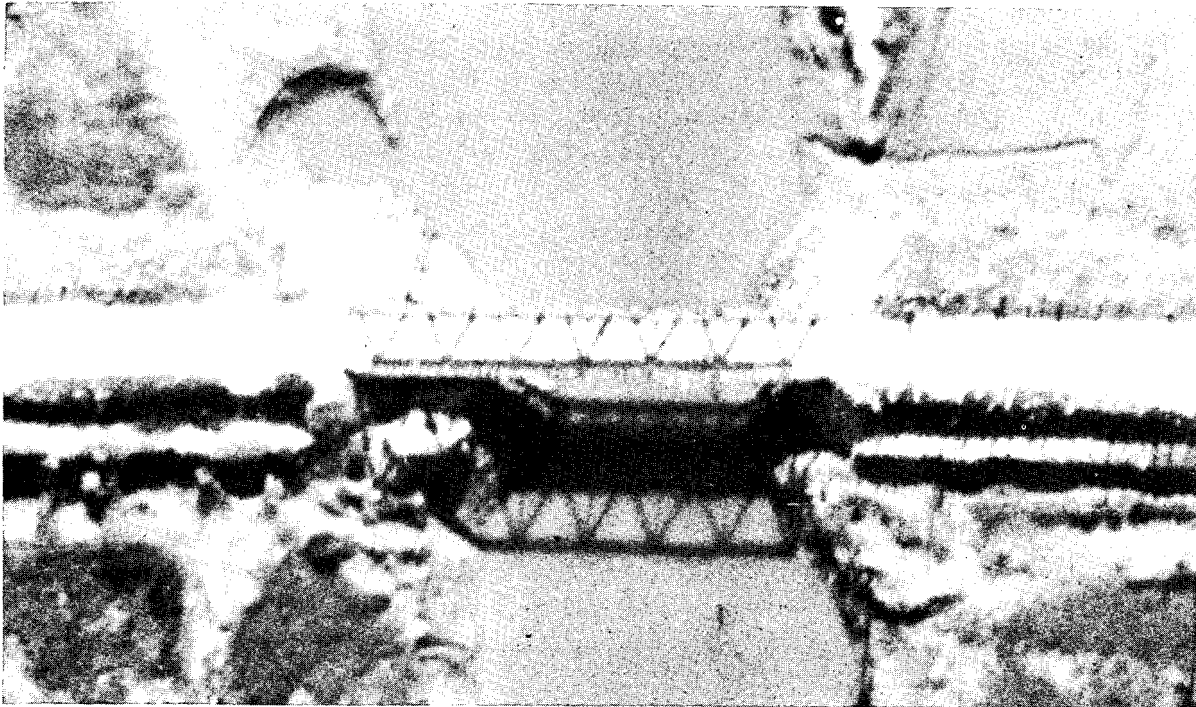
DESCRIPTION:

25X1	LENGTH	110'	MATERIAL	Steel and concrete
	WIDTH	<input type="text"/>	NO. OF SPANS	1
	TYPE	Half-through truss	LENGTH OF EACH SPAN	110'

STATUS: Pre-strike

COMPENSATIVE ACTION: N/A

REMARKS: This bridge can also be found on PIB No. 65095



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Yen Lang Hwy. Bridge Bridge No. 39 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 59N - 105 36E WF 613998
MAP 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'	MATERIAL	Steel and concrete
WIDTH	<input type="text"/>	NO. OF SPANS	1
TYPE	Half-through truss	LENGTH OF EACH SPAN	110'

STATUS: Span dropped from one abutment. 1 abutment damaged.

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

REMARKS: This bridge can also be found on PIB No. 65094



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CIA IMAGERY ANALYSIS DIVISION

NAME Trach Hau Hwy. Bridge Bridge No. 45 on NE 48-7		COUNTRY North Vietnam	COORDINATES 18 02N - 106 24E XE 482948
25X1		BRIEF NO: PIB - 65096 October 1965	
MAP AMS L509 NE 48-7			

LOCATION: 0.5 km S. of Trach Hau on Route 1A

DESCRIPTION:

25X1

LENGTH	80'	MATERIAL	Concrete
WIDTH	<input type="text"/>	NO. OF SPANS	8
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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CIA IMAGERY ANALYSIS DIVISION

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

25X1

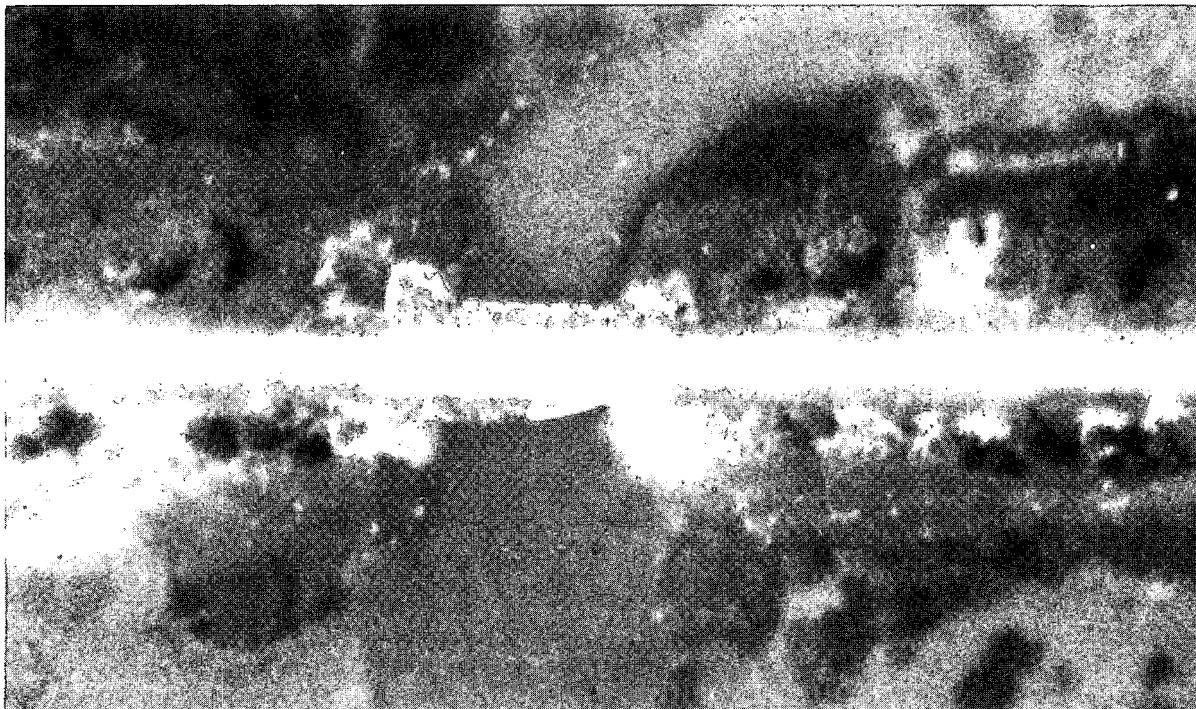
LOCATION: 0.5 nm W of Xom Phuong on Route 1A

DESCRIPTION:

LENGTH	65'	MATERIAL	Concrete
WIDTH	15'	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	65'

STATUS: Bridge is moderately damaged but serviceable

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

<small>NAME</small> Xom Phuong Hwy. Bridge II Bridge No. 22 on NE 48-12	<small>COUNTRY</small> North Vietnam	<small>COORDINATES</small> 17 32N - 106 33E XE 646406
<small>MAP</small> AMS L509 NE 48-12		<small>BRIEF NO:</small> PIB - 65098 October 1965

25X1

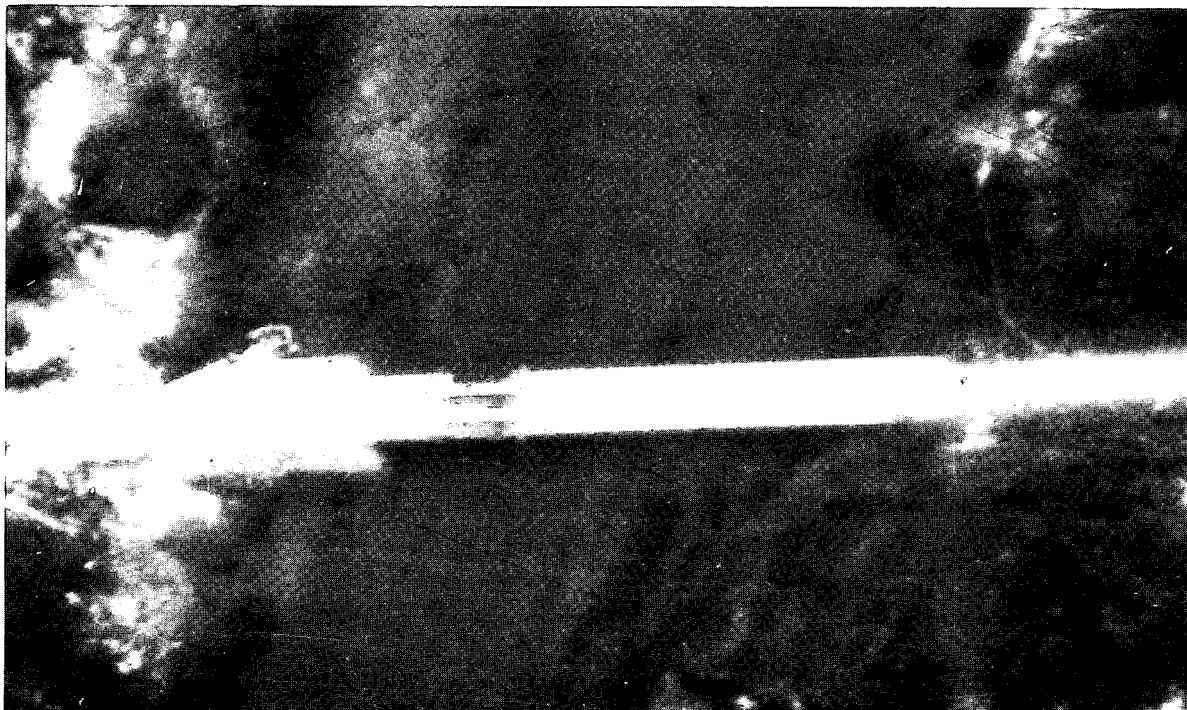
LOCATION: 0.3 nm S. of Xon Phuong on Route 1A

DESCRIPTION:

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

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	COUNTRY North Vietnam	COORDINATES 17 32N - 106 33E XE 646406
MAP <u>AMS 1509</u> <u>NE 48-12</u>		BRIEF NO: PIB - 65099 October 1965

25X1

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

DESCRIPTION:

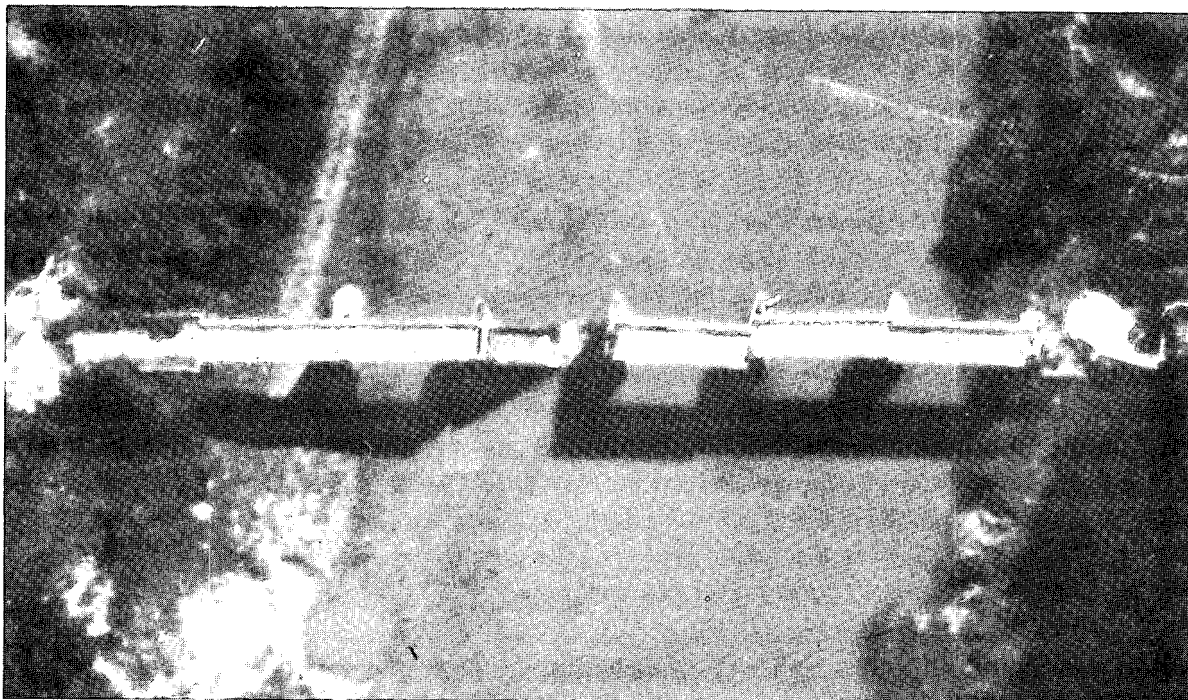
25X1

LENGTH 350'
 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: None



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25X1

CIA IMAGERY ANALYSIS DIVISION

NAME Than Yen Hwy. Bridge Bridge No. 2 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 38N - 106 31E XE 615505
MAP AMS 1509 NE 48-12		BRIEF NO: PIB - 65100 October 1965

25X1

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

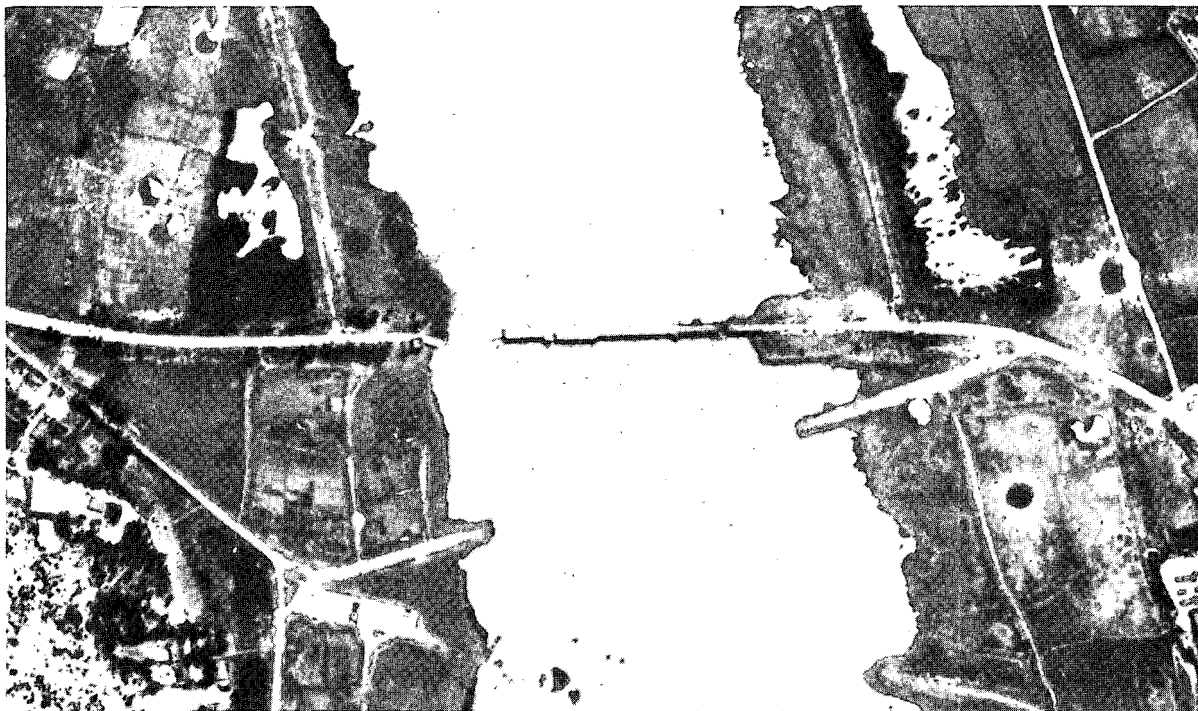
DESCRIPTION:

LENGTH	490'	MATERIAL	Steel and concrete
WIDTH	15'	NO. OF SPANS	8 (6 concrete deck, 2 steel truss)
TYPE	Deck and half-through truss	LENGTH OF EACH SPAN	[REDACTED]

25X1

STATUS: Two concrete spans destroyed, one pier destroyed

COMPENSATIVE ACTION: Ferry site next to bridge



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25X1

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CIA IMAGERY ANALYSIS DIVISION

NAME Di Loc Hwy. Bridge Bridge No. 20 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 51N - 106 26E XE 528758
MAP AMS L509 NE 48-11		BRIEF NO: PIB - 65101 October 1965

25X1

LOCATION: **0.2 nm S.W. of Di Loc on Route 1A**

DESCRIPTION:

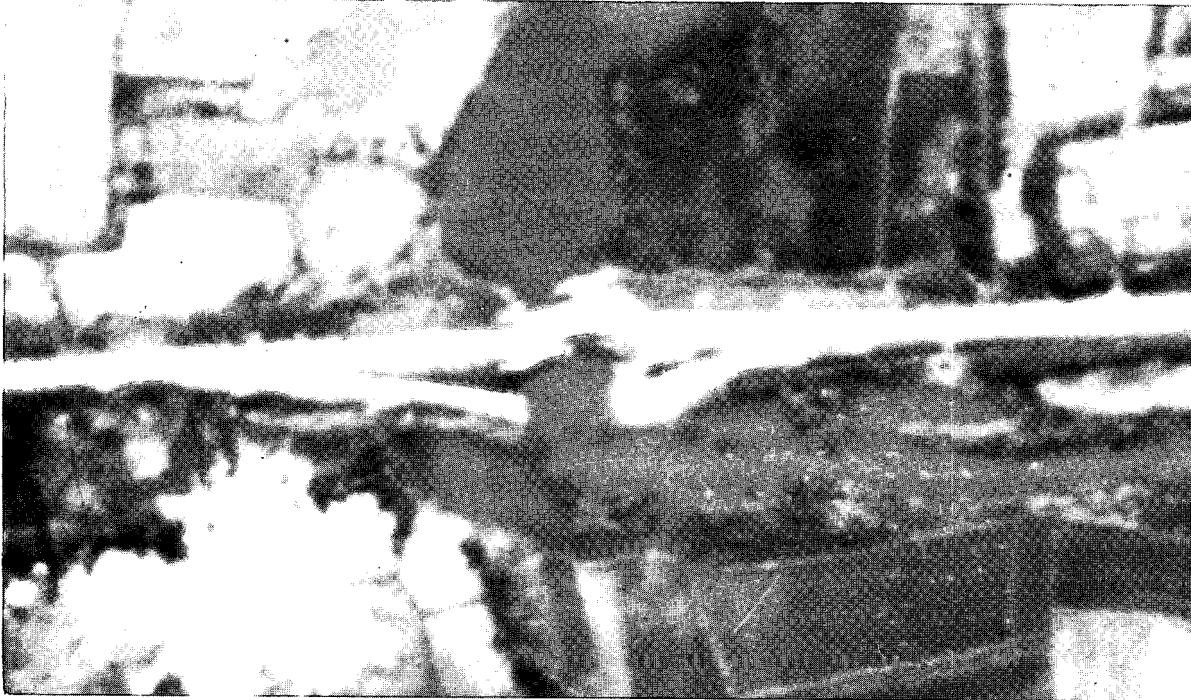
25X1

LENGTH	65'	MATERIAL	Concrete
WIDTH	<input type="text"/>	NO. OF SPANS	Probably 2
TYPE	Deck	LENGTH OF EACH SPAN	<input type="text"/>

25X1

STATUS: **One end of bridge damaged**

COMPENSATIVE ACTION: **Ford 20' east of bridge**



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CIA IMAGERY ANALYSIS DIVISION

NAME Yen Hung Hwy. Bridge Bridge No. 48 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 03N - 106 19E XE 400959
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65102 October 1965

25X1

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

DESCRIPTION:

25X1

LENGTH	50'	MATERIAL	Concrete and Wood
WIDTH	<input type="text"/>	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	25'

STATUS: One span destroyed

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



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CIA IMAGERY ANALYSIS DIVISION

NAME Tho Ngoa Hwy. Bridge Bridge No. 21 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 14N - 106 01E XF 070170
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65103 October 1965

25X1

LOCATION: 0.7 nm N.W. of Tho Ngoa on Route 1A

DESCRIPTION:

LENGTH 190'
WIDTH 20'
TYPE Deck

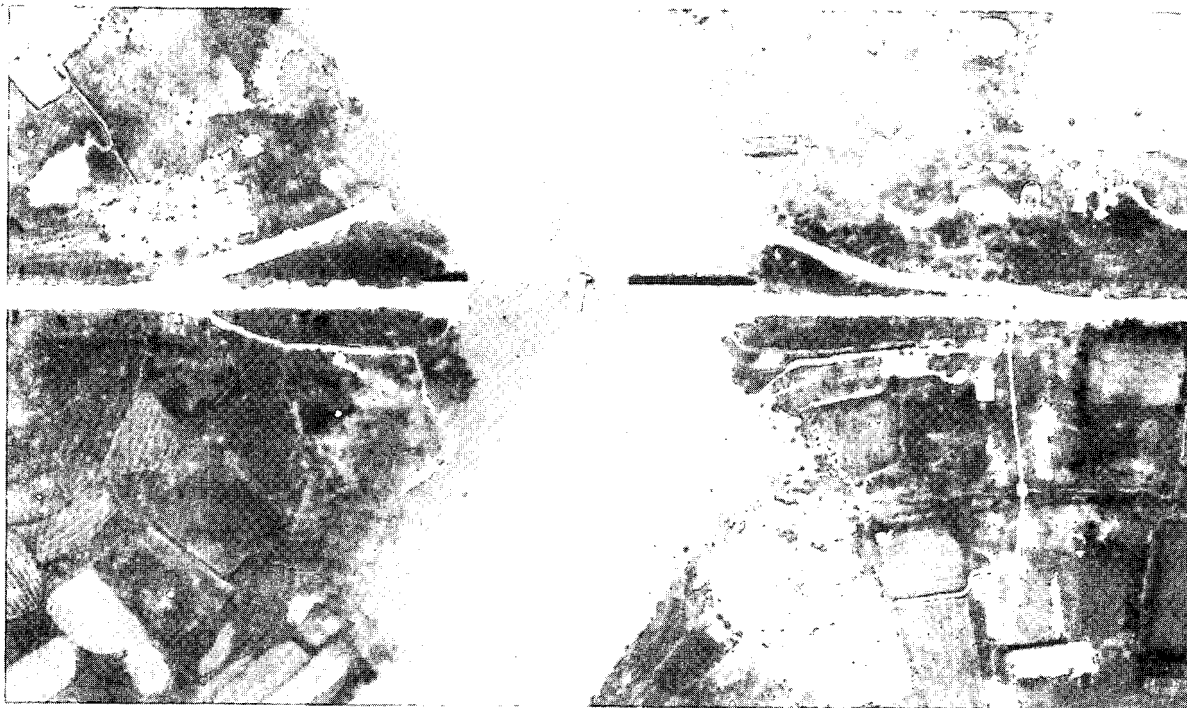
MATERIAL Concrete
NO. OF SPANS 7
LENGTH OF EACH SPAN

25X1

STATUS: 4 Spans destroyed, 2 piers destroyed, abutment intact

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME Thuong Giap R.R. Bridge Bridge No. 38 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 30N - 105 39E WF 623449
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65104 October 1965

25X1

LOCATION: 0.8 nm W. of Thuong Giap over canal on Vinh-Dong Hoi Rail Line

DESCRIPTION:

25X1

LENGTH
 WIDTH 10'
 TYPE Deck

MATERIAL Concrete and Steel
 NO. OF SPANS 1
 LENGTH OF EACH SPAN

25X1

STATUS: Span dropped

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Trang Than R.R. Bridge Bridge No. 6 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 58N - 105 35E WF 613978
MAP AMS 1509 NE 48-7		BRIEF NO: PIB - 65105 October 1965

25X1

LOCATION: 0.8 nm N.W. of Trang Than on Hanoi-Vinh Rail Line

DESCRIPTION:

25X1

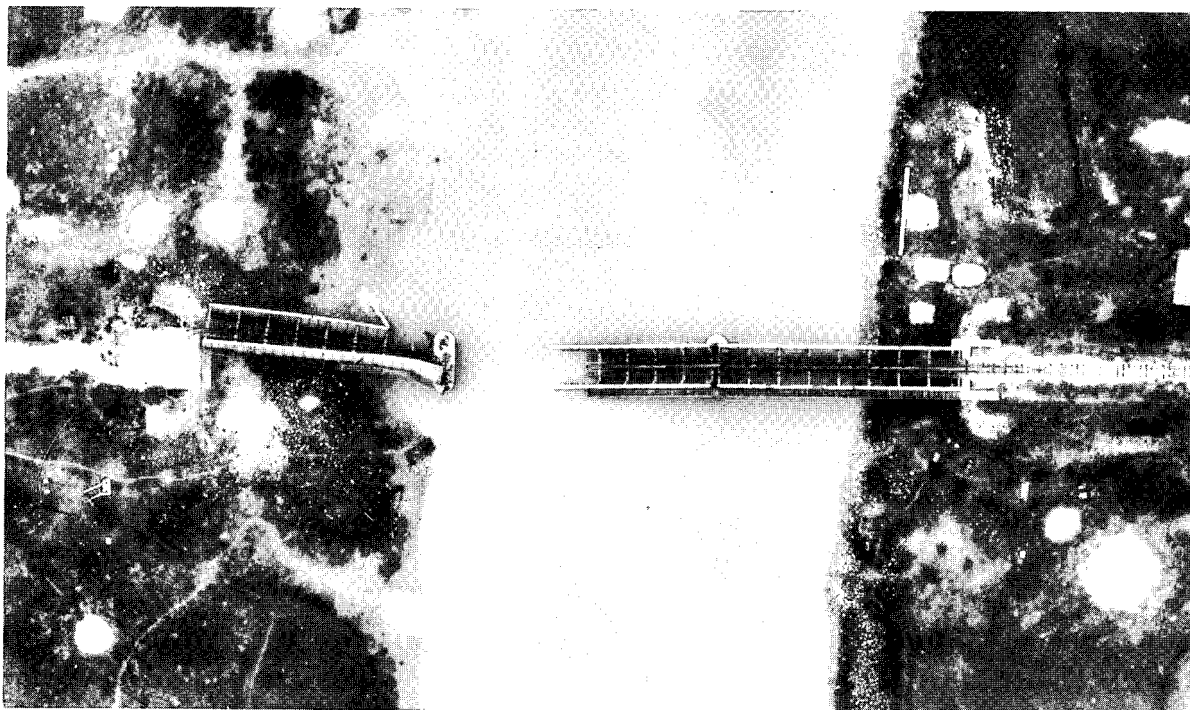
LENGTH
 WIDTH 20'
 TYPE Half-through truss

MATERIAL Steel, concrete
 NO. OF SPANS 3
 LENGTH OF EACH SPAN

25X1

STATUS: Two spans dropped

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME Trai Hoi Doumer Bridge Bridge No. 9 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 21N - 105 37E WF 650300
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65106 October 1965

25X1

LOCATION: 0.2 nm E. of Trai Hoi on Route 15

DESCRIPTION:

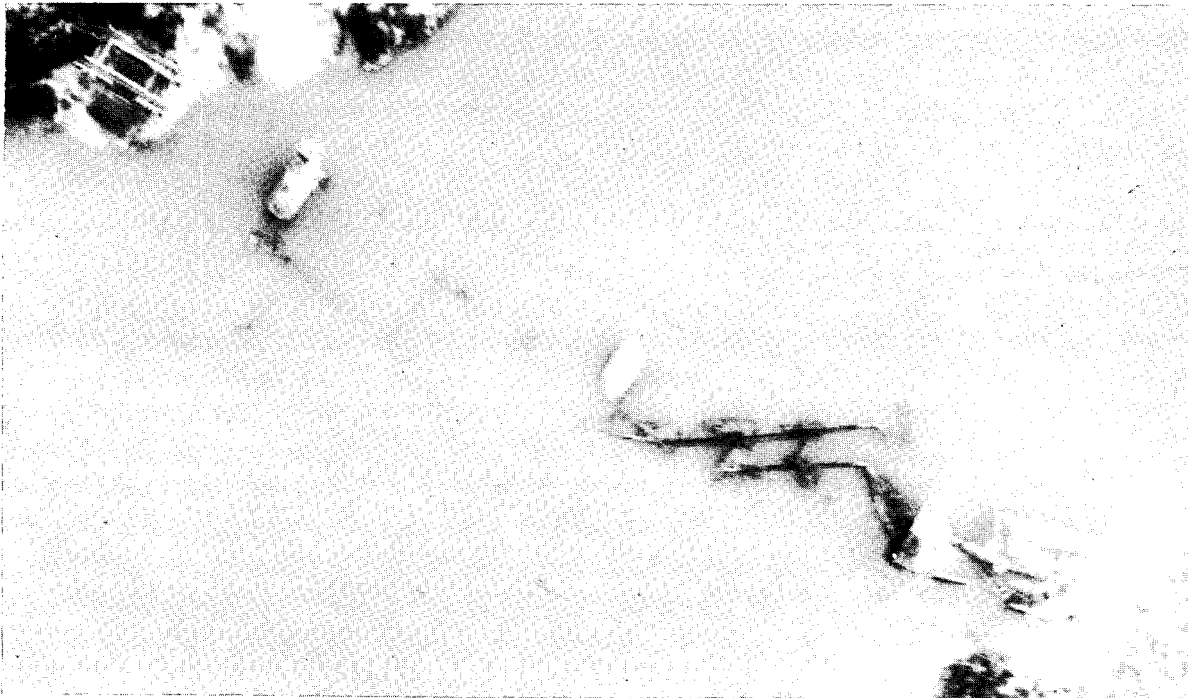
25X1

LENGTH	[]	MATERIAL	Steel and concrete
WIDTH	[]	NO. OF SPANS	4
TYPE	Half-through truss	LENGTH OF EACH SPAN	[]

25X1

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

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Cho Trung R.R. Bridge Bridge No. 10 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 17N - 105 39E WF 680220
MAP AMS 1509 NE 48-7		BRIEF NO: PIB - 65107 October 1965

25X1

LOCATION: 0.3 nm S.E. of Cho Trung

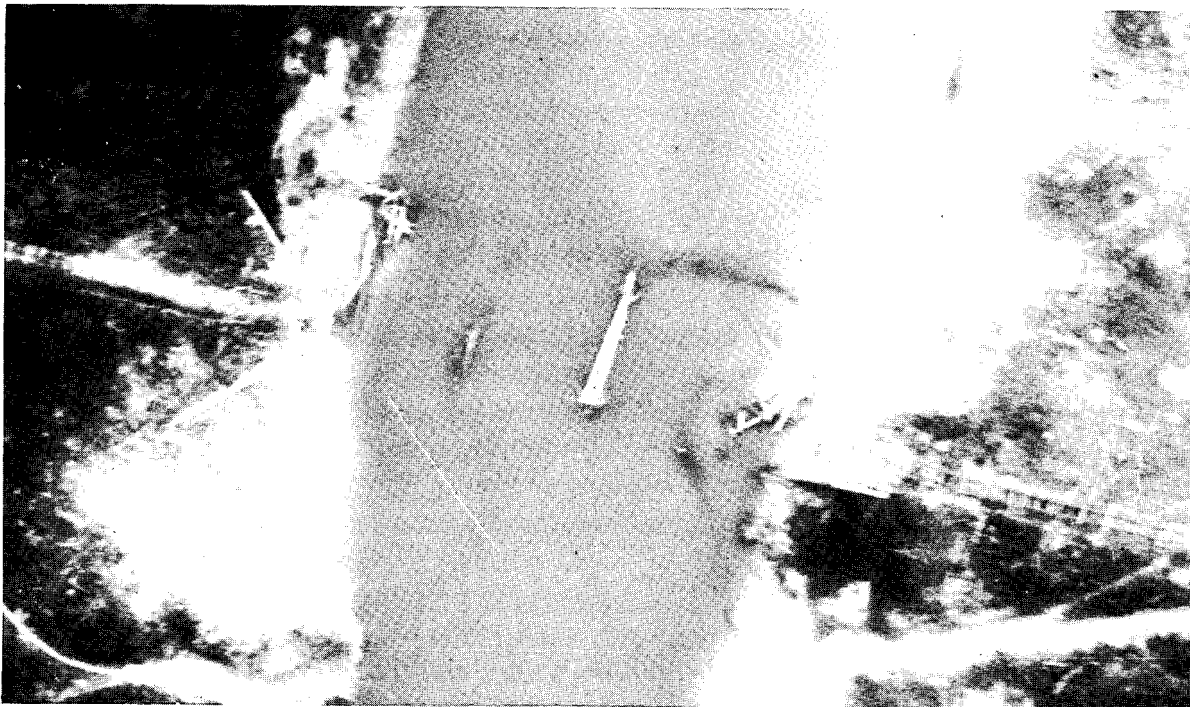
DESCRIPTION:

25X1

LENGTH	160'	MATERIAL	Steel and concrete
WIDTH	<input type="text"/>	NO. OF SPANS	4
TYPE	Undetermined	LENGTH OF EACH SPAN	40'

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

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Phuc Son Hwy. Bridge Bridge No. 41 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 56N - 105 03E WF 060949
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65108 October 1965

25X1

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

DESCRIPTION:

LENGTH	40'	MATERIAL	Concrete
WIDTH	10'	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	20'

STATUS: One span damaged, one abutment damaged.

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Dao Nguyen Hwy. Bridge Bridge No. 46 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 02N - 106 24E XE 480940
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65109 October 1965

25X1

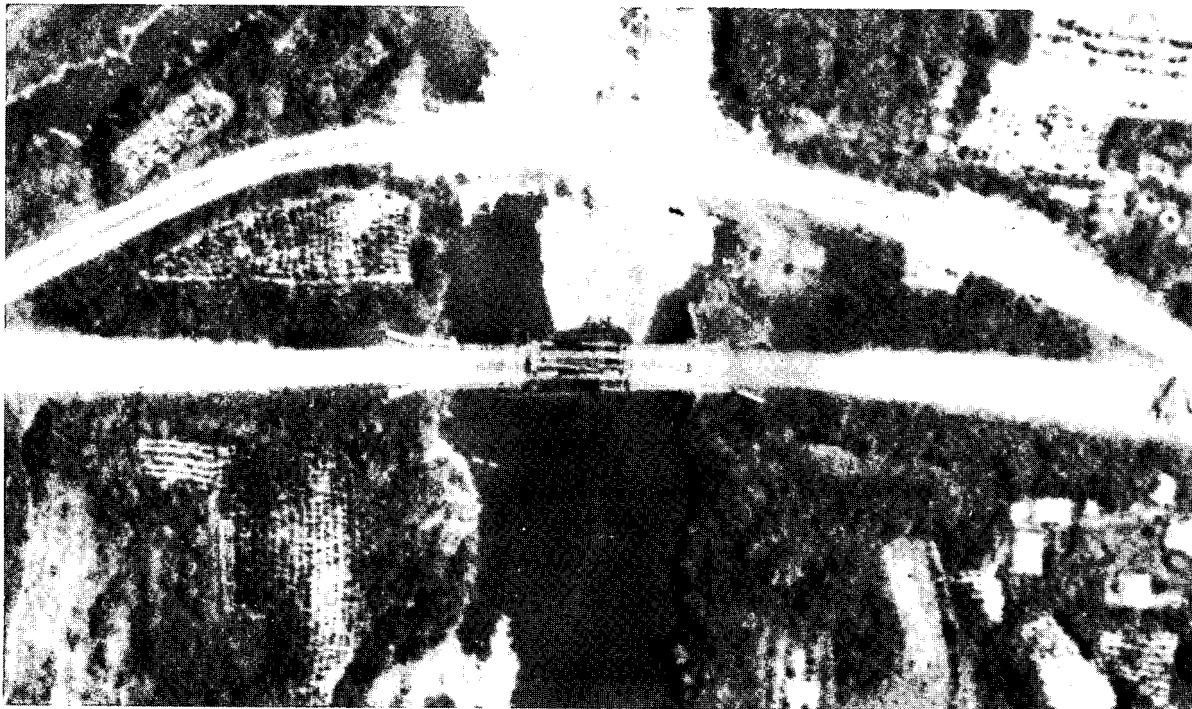
LOCATION: 0.8 nm S.W. of Dao Nguyen on Route 1A

DESCRIPTION:

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

STATUS: Center span destroyed

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Xom Ha Hwy. Bridge Bridge No. 4 on NE 48-11	North Vietnam	17 59N - 105 51E WE 891 895
MAP: AMS 1509 NE 48-11		BRIEF NO: PIB - 65110 October 1965

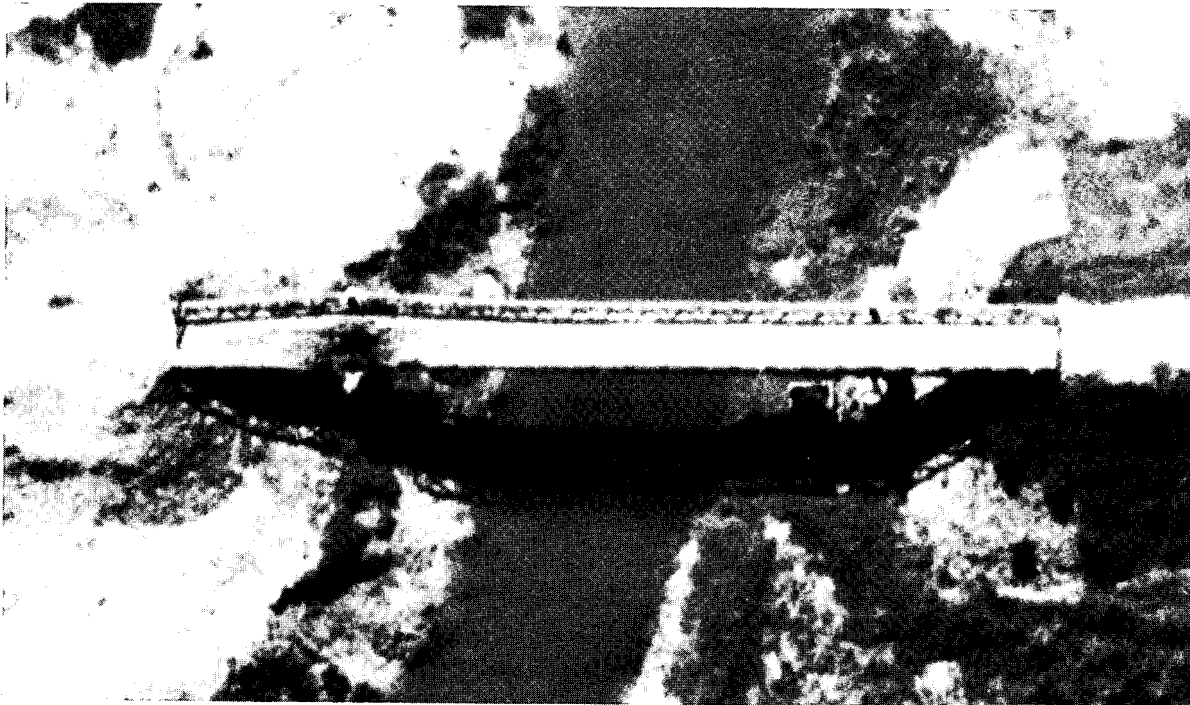
LOCATION: 0.5 nm W. of Xom Ha on Route 15

DESCRIPTION:

LENGTH	180'	MATERIAL	Timber and Steel
WIDTH	15'	NO. OF SPANS	3
TYPE	Half-through truss	LENGTH OF EACH SPAN	1-90', 2-45.

STATUS: East end splintered and truss is damaged.

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Lan Hwy. Bridge Bridge No. 7 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 20N - 103 54E UJ 873606
MAP AMS L509 NF 48-10		BRIEF NO: PIB - 65111 October 1965

25X1

LOCATION: 0.5 nm S.E. of Ban lan on Route 6

DESCRIPTION:

25X1

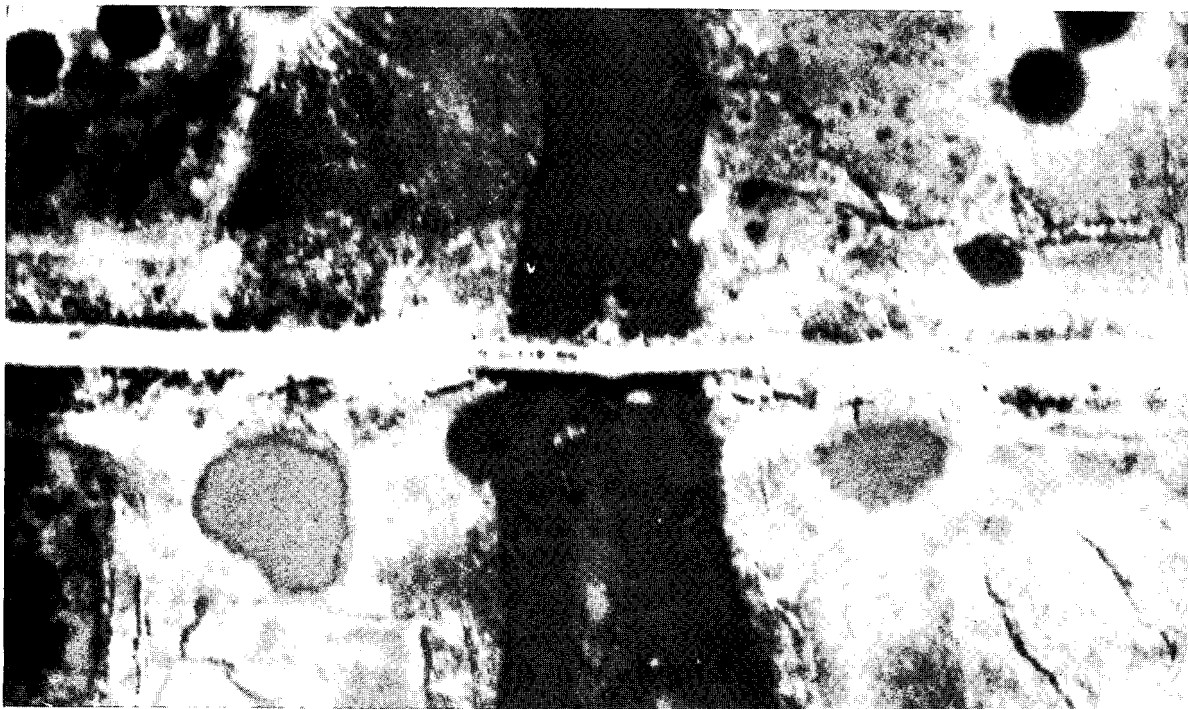
LENGTH 95'
 WIDTH
 TYPE Deck

MATERIAL Timber
 NO. OF SPANS 2
 LENGTH OF EACH SPAN

25X1

STATUS: 1 span severely damaged

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Tri Dong Hwy. Bridge Bridge No. 2 on NF 48-15	COUNTRY North Vietnam	COORDINATES 20 22N - 105 56E WH 966517
MAP AMS L509 NF 48-15		BRIEF NO: PIB - 65112 October 1965

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

DESCRIPTION:

25X1

LENGTH	595'	MATERIAL	Concrete
WIDTH	<input type="text"/>	NO. OF SPANS	8
TYPE	Deck	LENGTH OF EACH SPAN	75'

STATUS: 1 span destroyed, 1 span severely damaged.

COMPENSATIVE ACTION: Ferry



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CIA IMAGERY ANALYSIS DIVISION

NAME Trach Ban Hwy Bridge Bridge No. 11 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 11N - 106 45E XE 879070
MAP AMS L509 NE 48-12		BRIEF NO: PIB - 65113 October 1965

25X1

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

DESCRIPTION:

25X1

LENGTH 120'
WIDTH
TYPE Deck

MATERIAL Timber
NO. OF SPANS 6
LENGTH OF EACH SPAN 20'

STATUS: 2 spans severely damaged

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

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

25X1

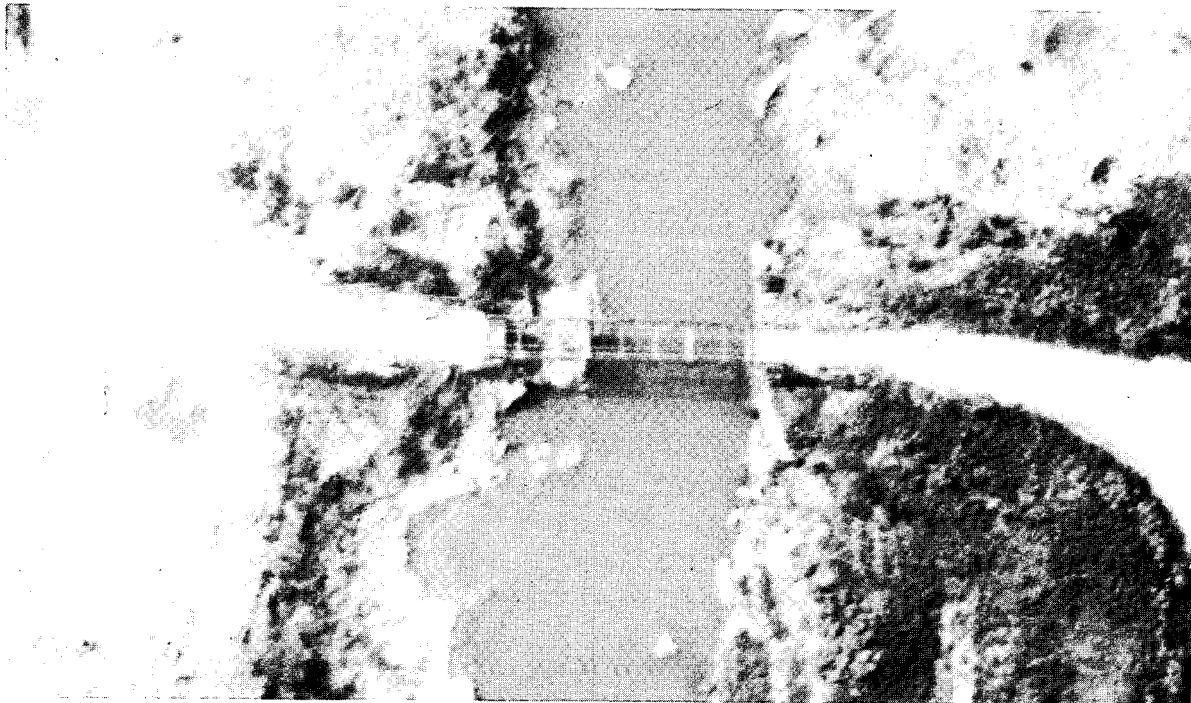
LOCATION: 0.1 nm E. of Ban Lot on Route 6

DESCRIPTION:

LENGTH	90'	MATERIAL	Steel and timber
WIDTH	10'	NO. OF SPANS	1
TYPE	Half-through truss	LENGTH OF EACH SPAN	90'

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

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME Dong Bai Railroad Bridge Bridge No. 11 on NE 48-7		COUNTRY North Vietnam	COORDINATES 18 09N - 105 43E WF 762079
25X1	[Redacted]		BRIEF NO: PIB - 65115 October 1965
MAP AMS L509 NE 48-7			

LOCATION: 0.4 nm East of Dong Bai on Vinh-Dong Hoi R.R.

DESCRIPTION:

25X1

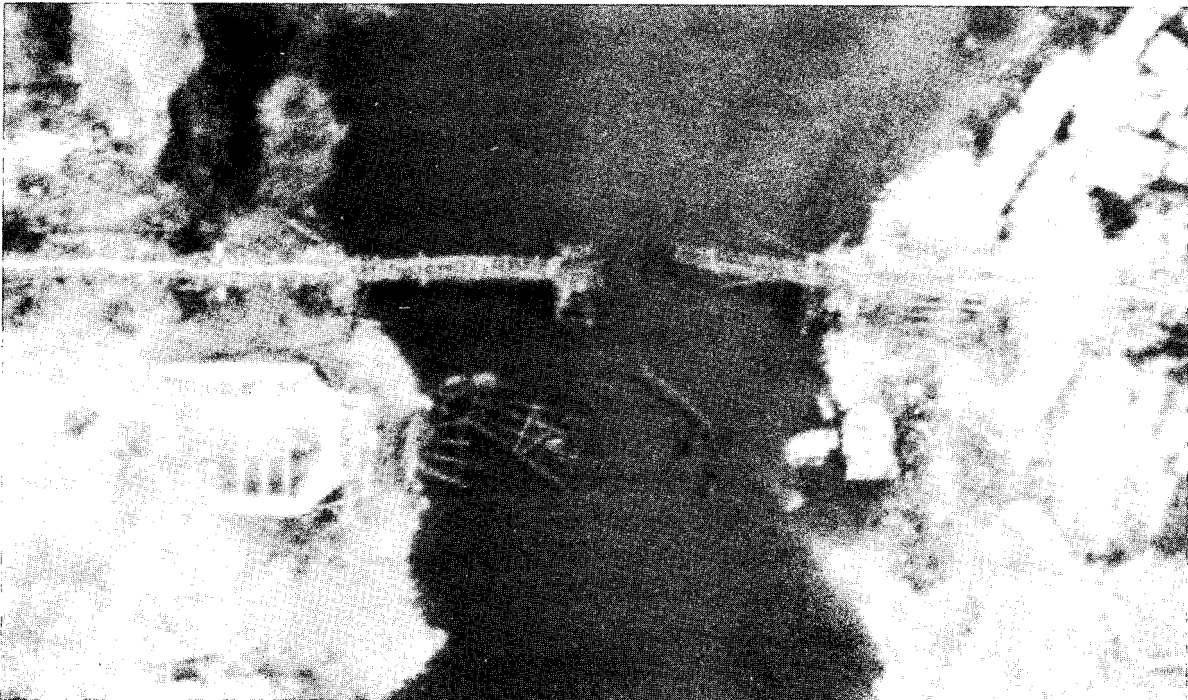
LENGTH	[Redacted] (approximately)	MATERIAL	Probable steel with concrete abutment
WIDTH	Single Track	NO. OF SPANS	5 (Probable)
TYPE	Probable Deck girder	LENGTH OF EACH SPAN	[Redacted]

25X1

STATUS: Bridge destroyed except for 1 abutment still intact.

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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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ninh Xa Highway Bridge Bridge No. 59 on NE 48-7	North Vietnam	18 30N - 105 43E WF 768460
25X1 		BRIEF NO: PIB - 65116 October 1965
MAP AMS I509 NE 48-7		

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

DESCRIPTION:

25X1
 LENGTH 90'
 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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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 [REDACTED]		BRIEF NO: PIB - 65117
MAP AMS L509 NE 48-2		October 1965

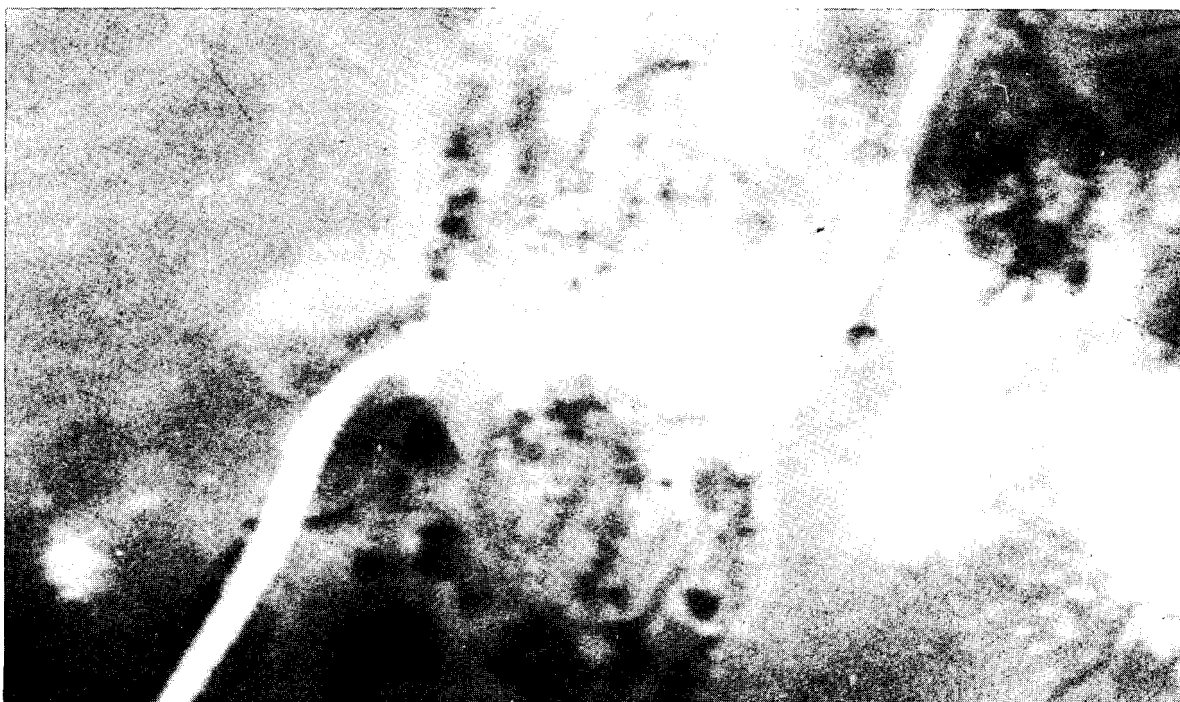
LOCATION: 1.0 nm E. of Ban Hua Na on Route 7

DESCRIPTION:

LENGTH	120' (approx)	MATERIAL	Wood and Concrete
WIDTH	15' (approx)	NO. OF SPANS	2
TYPE	Deck	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		BRIEF NO: PIB - 65118 October 1965

25X1

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

DESCRIPTION:

LENGTH	120 feet (approximately)	MATERIAL	Wood and Concrete
WIDTH	15 feet (approximately)	NO. OF SPANS	2
TYPE	Deck	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

NAME	COUNTRY	COORDINATES
Tam Le R. R. Bridge Bridge No. 22 on NE 48-3-22	North Vietnam	19 13N - 105 32E WG 566252
[REDACTED]		BRIEF NO: PIB - 65119 October 1965
MAP	AMS L509 NE 48-3	

25X1

LOCATION: 0.7 nm N.N.W. of Tam Le on new RR U/C

DESCRIPTION:

25X1

LENGTH
WIDTH
TYPE

[REDACTED]
Deck

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

25X1

STATUS: Two spans destroyed, unserviceable

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

25X1

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

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

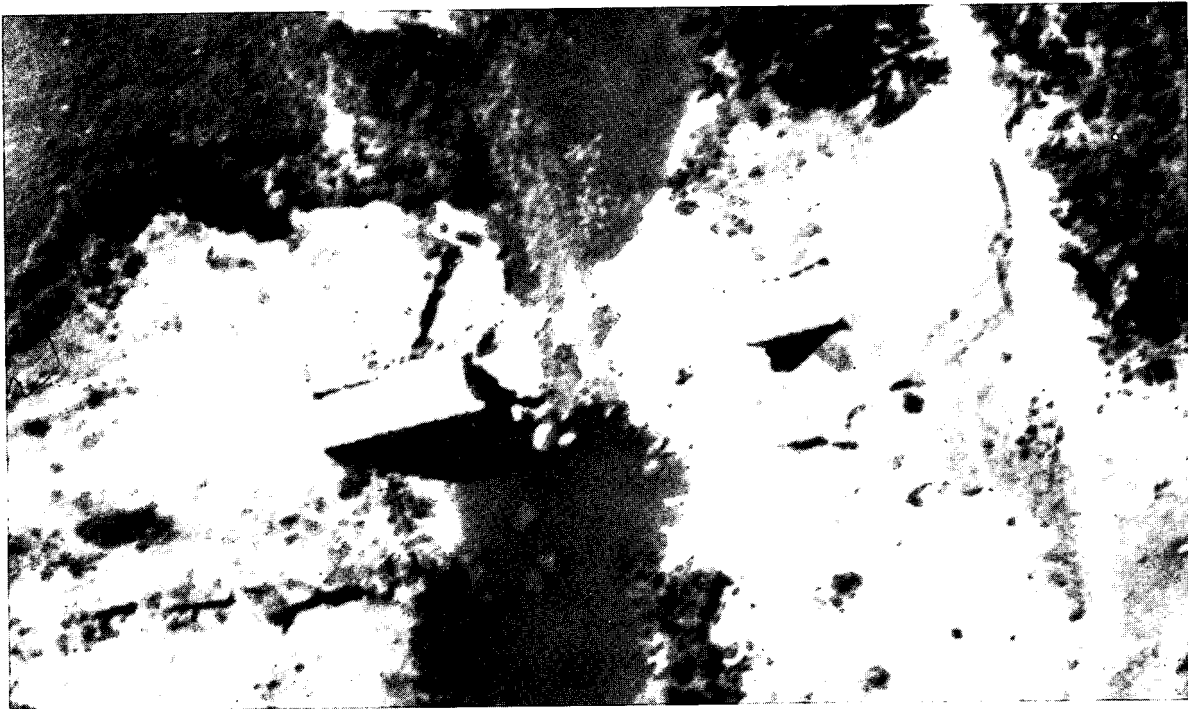
DESCRIPTION:

25X1

LENGTH	120' approximately	MATERIAL	Concrete
WIDTH	[REDACTED]	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	40' approximately

STATUS: Center span destroyed

COMPENSATIVE ACTION: Ford 300' east of bridge.



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CIA IMAGERY 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

25X1

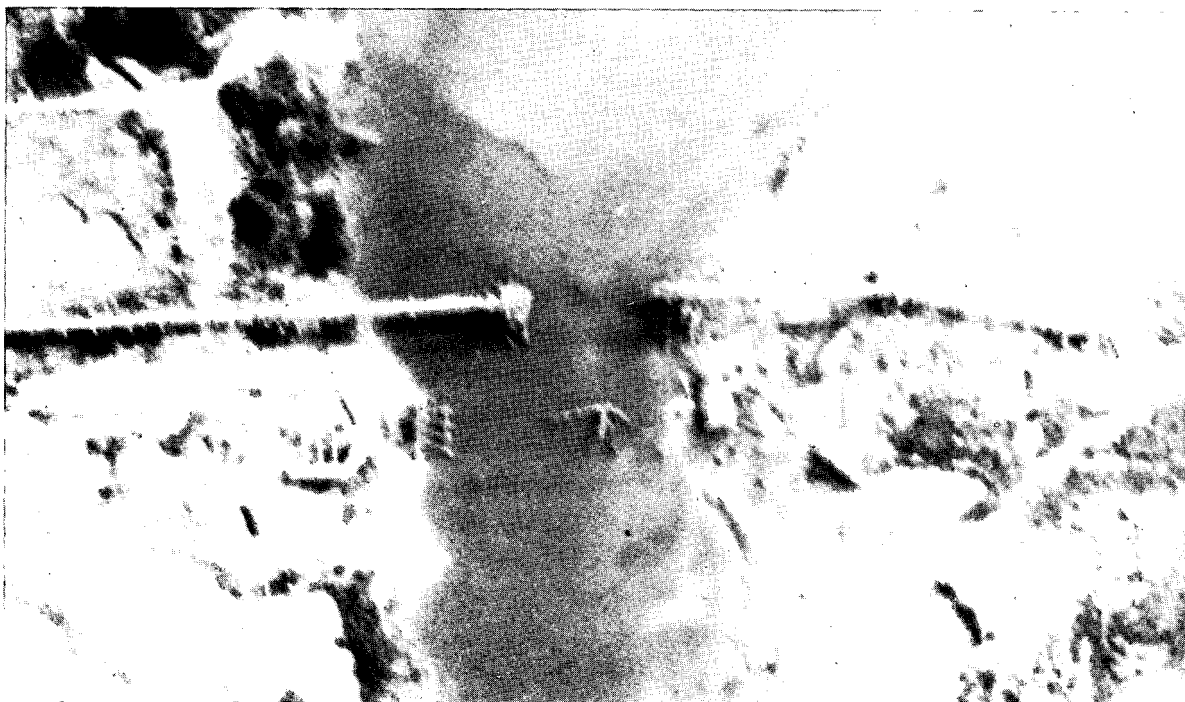
LOCATION: 0.4 nm E. of Dong Bai on Vinh-Dong Hoi Rail Line

DESCRIPTION:

LENGTH	220' approximately	MATERIAL	Steel with Concrete abutments
WIDTH	Single Track	NO. OF SPANS	5 Probable
TYPE	Probable deckgirder	LENGTH OF EACH SPAN	45' approximately

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

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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CIA IMAGERY ANALYSIS DIVISION

NAME Dong Bai Highway Bridge Bridge 11 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 08N - 105 37E WG 656166
25X1 [Redacted] MAP AMS L509 NE 48-3	BRIEF NO: PIB - 65122 October 1965	

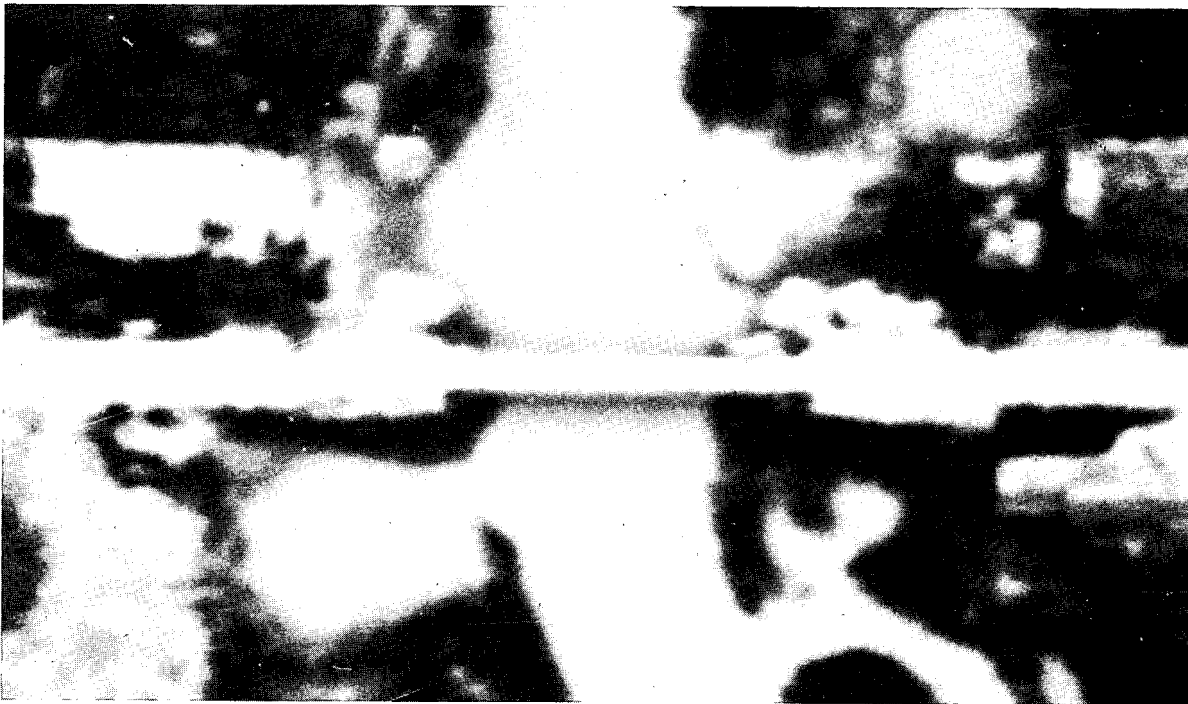
LOCATION: 0.2 nm NE of Dong Bai on Route 1

DESCRIPTION:

25X1 LENGTH 95' approximately WIDTH [Redacted] TYPE Deck	MATERIAL Steel and Concrete NO. OF SPANS 2 LENGTH OF EACH SPAN [Redacted]	25X1
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STATUS: Undamaged

COMPENSATIVE ACTION: N/A



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CIA IMAGERY ANALYSIS DIVISION

NAME Dong Bai Highway Bridge Bridge No. 11 on NE 48-3	COUNTRY North Vietnam	COORDINATES 19 08N - 105 37E WG 656166
MAP AMS 1509 NE 48-3		BRIEF NO: PIB - 65123 October 1965

25X1

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

DESCRIPTION:

25X1

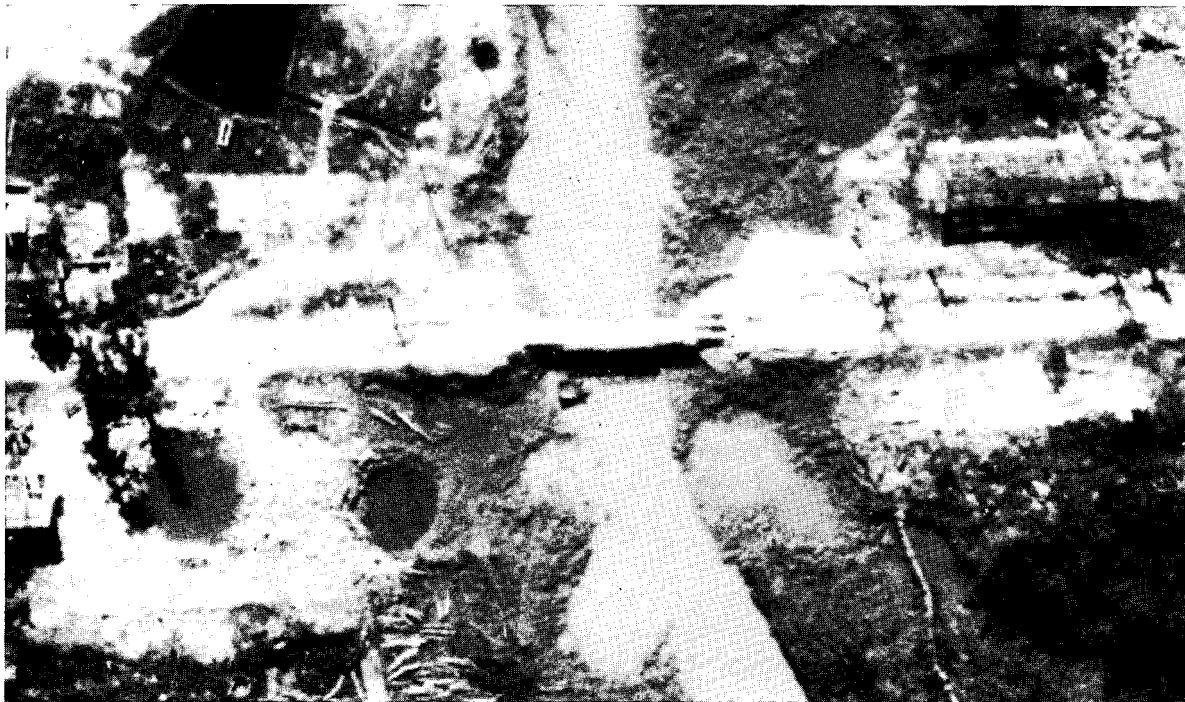
LENGTH [REDACTED]
 WIDTH 10' approximately
 TYPE Deck

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

25X1

STATUS: 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 I509 NE 48-3		BRIEF NO: PTB - 65124 October 1965

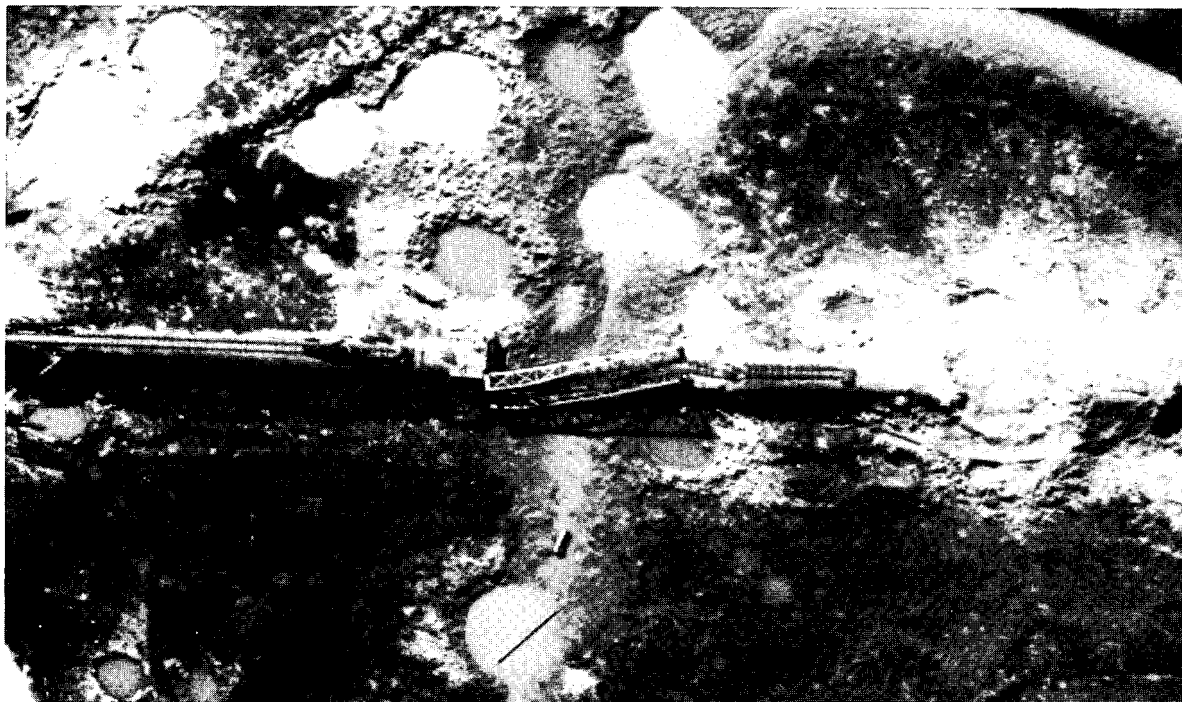
LOCATION: 0.5 nm S.E. of Tho Trang on Hanoi-Vinh Rail line

DESCRIPTION:

LENGTH	60' approximately	MATERIAL	Steel
WIDTH	Single Track	NO. OF SPANS	1
TYPE	Half through truss	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

25X1

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

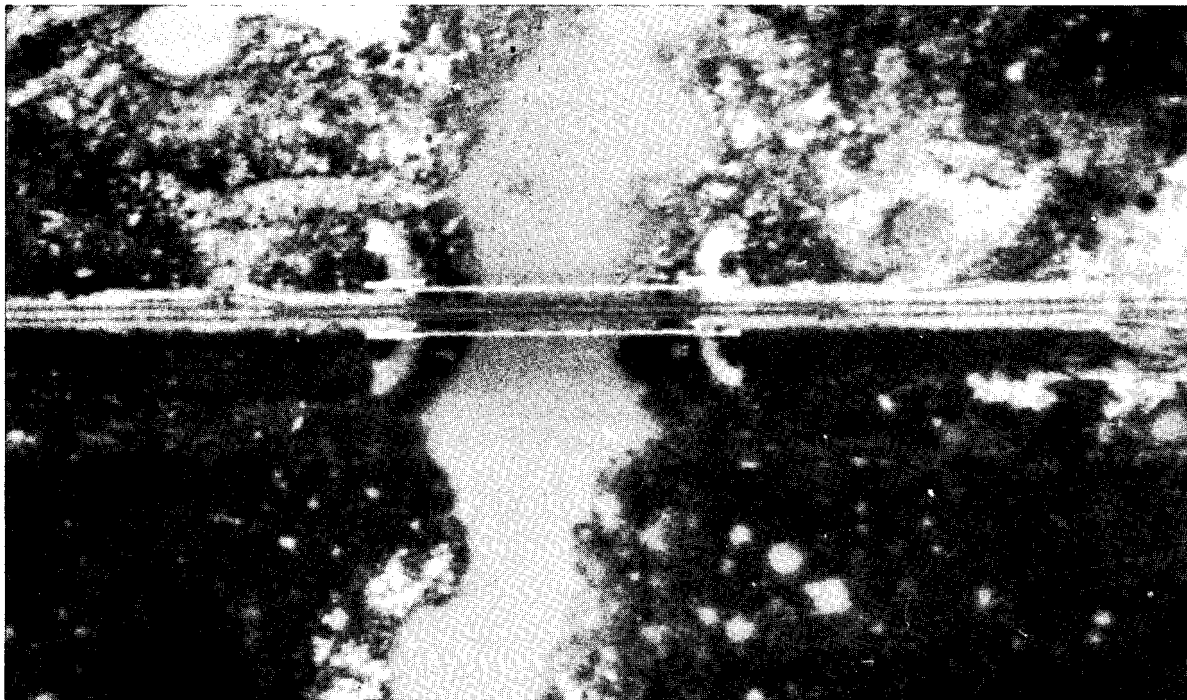
LOCATION: 0.5 nm SE of Tho Trang on Hanoi Vinh R.R.

DESCRIPTION:

LENGTH	60' approximately	MATERIAL	Steel - Concrete
WIDTH	Single Track	NO. OF SPANS	1
TYPE	Possible half-through truss	LENGTH OF EACH SPAN	60' approximately

STATUS: Undamaged

COMPENSATIVE ACTION: N/A



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CIA IMAGERY ANALYSIS DIVISION

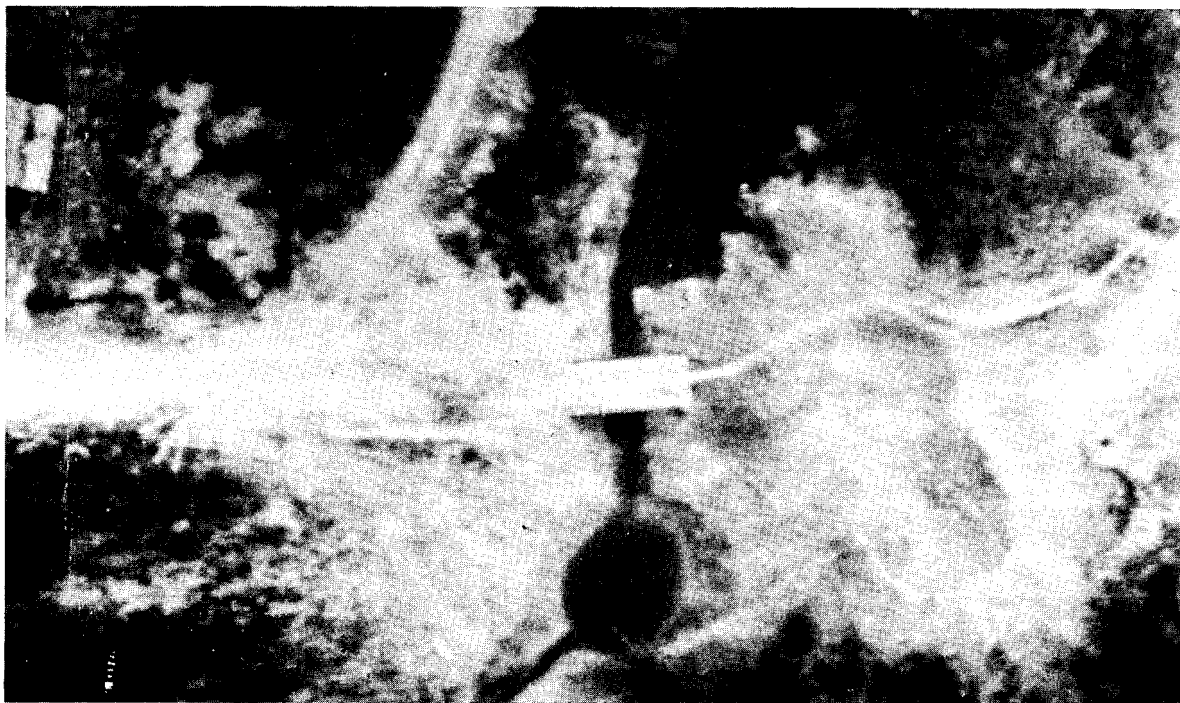
25X1	NAME	COUNTRY	COORDINATES
	Dai Linn Highway Bridge Bridge No. 55 on NE 48-7	North Vietnam	18 18N - 105 43E WF 764246
	[REDACTED]		BRIEF NO: PIB - 65126 October 1965
	MAP	AMS L509	NE 48-7

LOCATION: 5.8 nm E.N.E. of Dia Linn on Route 15

25X1	DESCRIPTION:			
	LENGTH	[REDACTED]	MATERIAL	Probable wood or concrete
	WIDTH	10' approximately	NO. OF SPANS	1
	TYPE	Deck	LENGTH OF EACH SPAN	[REDACTED] 25X1

STATUS: The bridge appears serviceable and undamaged, the approaches are severely damaged.

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



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Trung Nghia Highway Bridge Bridge No. 21 on NE 48-12	North Vietnam	17 25N - 106 36E XE 702271
[REDACTED]		BRIEF NO: PIB - 65127 October 1965
MAP AMS L509 NE 48-12		

25X1

LOCATION: 0.6 nm S. of Trung Nghia on an unnumbered route

DESCRIPTION:

25X1

LENGTH	200' approximately	MATERIAL	Wood, Concrete abutment
WIDTH	[REDACTED]	NO. OF SPANS	Undetermined
TYPE	Deck	LENGTH OF EACH SPAN	Undetermined

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

COMPENSATIVE ACTION: None



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25X1

NAME Huu Biet Highway Bridge Bridge No. 52 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18° 40'N 105° 36'E WF 642 653
MAP AMS L509 NE 48-7		BRIEF NO: PTB - 65134 October 1965

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

DESCRIPTION:

25X1

LENGTH 100' approx.

MATERIAL Wood

WIDTH

NO. OF SPANS 4

TYPE Deck

LENGTH OF EACH SPAN

25' approx.

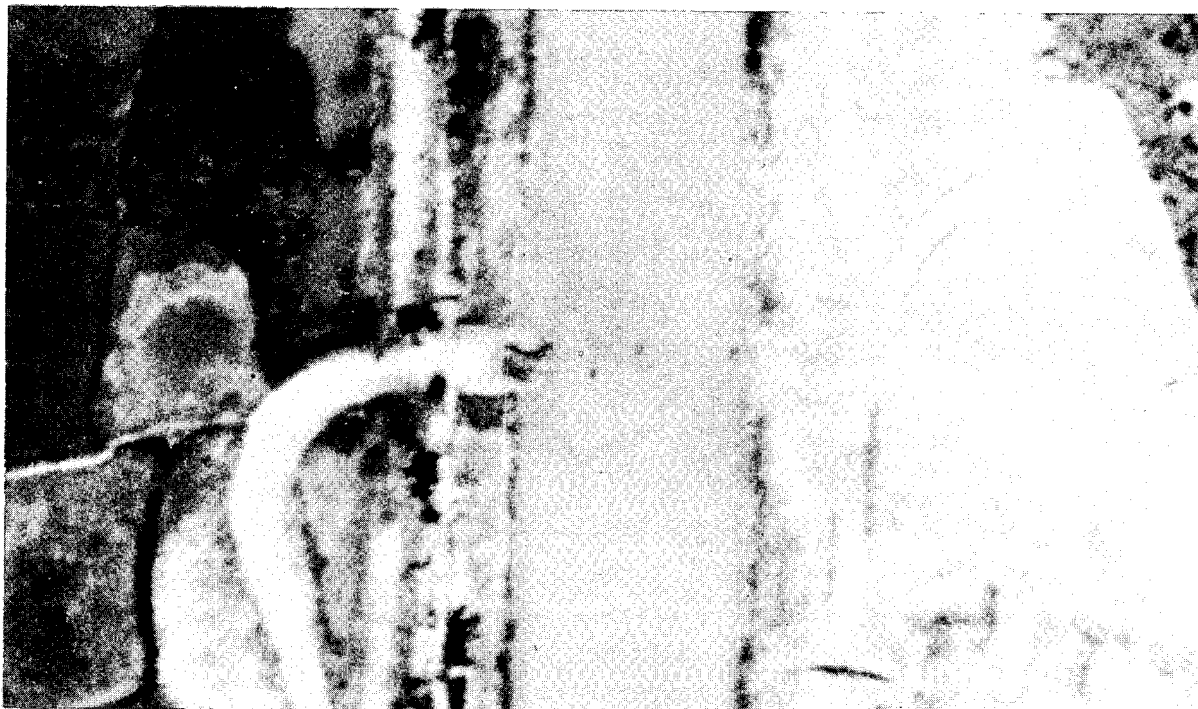
STATUS:

All four spans destroyed - unserviceable

COMPENSATIVE ACTION:

None

25X1



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NAME	COUNTRY	COORDINATES
Ngoc Niem R.R. Bridge Bridge No. 18 on NE 48-3-18	North Vietnam	19 09N 105 36E WG 643 186
25X1 [REDACTED]		BRIEF NO: PIB - 65135 October 1965
MAP AMS L509 NE 48-3		

LOCATION: 0.7 N.M. E. of Ngoc Diem on new R.R.

DESCRIPTION:

25X1

LENGTH
WIDTH
TYPE

[REDACTED]
Deck

MATERIAL
NO. OF SPANS
LENGTH OF EACH SPAN

Steel and concrete
probably 3
[REDACTED]

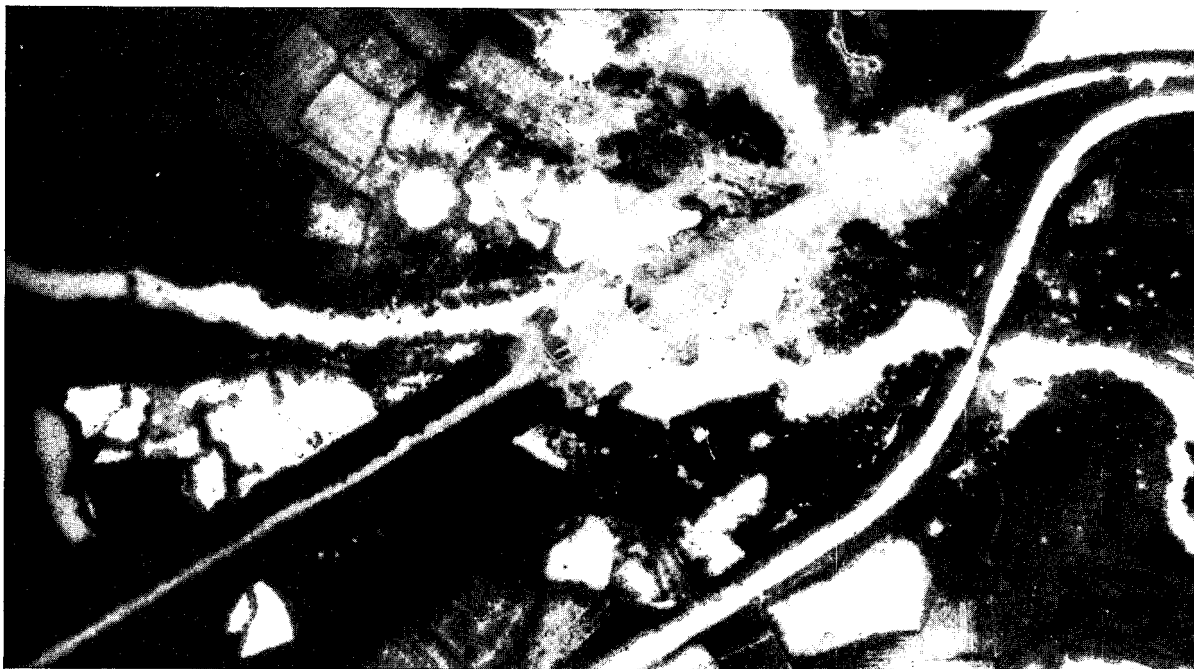
25X1

STATUS:

Heavy damage to all spans, one abutment damaged, piers appear to be intact.

COMPENSATIVE ACTION:

Adjacent ford



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CIA IMAGERY ANALYSIS DIVISION

NAME Cung Que Hwy. Bridge Bridge No. 3 on NF 48-15	COUNTRY North Vietnam	COORDINATES 20 19N - 105 56E WH 978 476
MAP AMS L509 NF 48-15		BRIEF NO: PIB 65136 October 1965

25X1

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

DESCRIPTION:

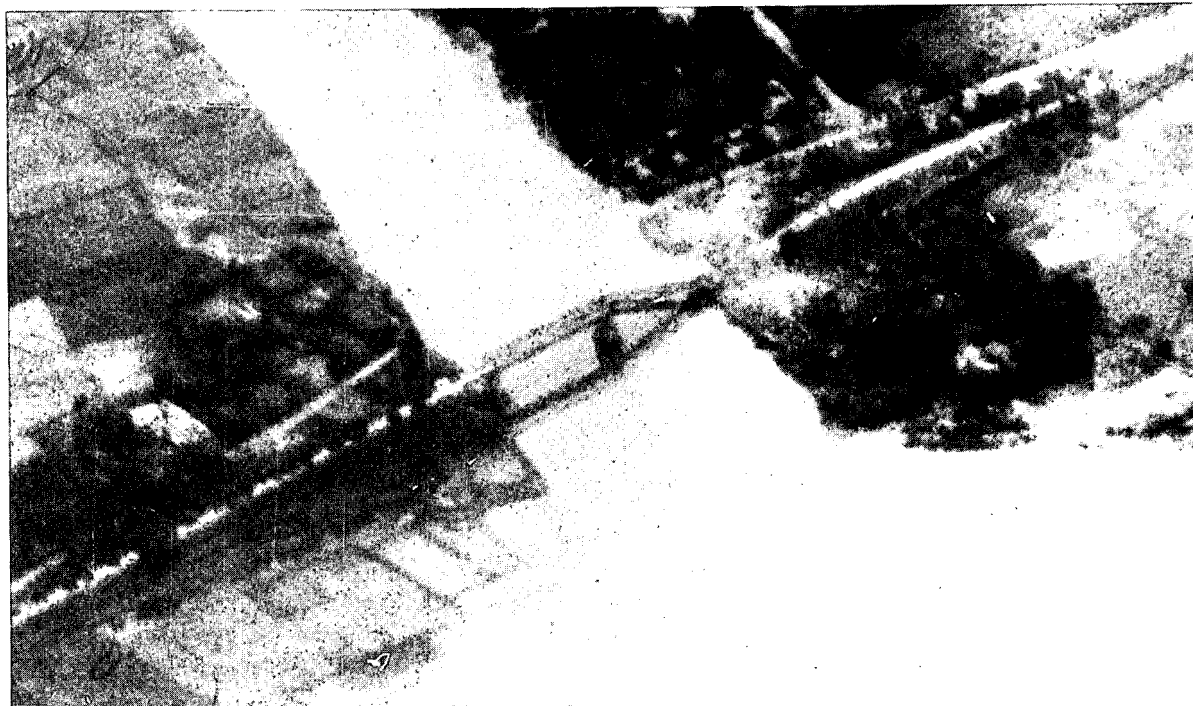
LENGTH	360'	MATERIAL	Steel
WIDTH	10'	NO. OF SPANS	2 Half through truss and 2 approach spans
TYPE	Half through truss	LENGTH OF EACH SPAN	2-150' 2-30'

STATUS:

1-30' span destroyed
 1-150' span destroyed
 1 pier destroyed 1 abutment destroyed

COMPENSATIVE ACTION:

Ferry



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CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	COUNTRY	COORDINATES
	Ninh Binh R.R. and Highway Bridge Bridge No. 1 on NF 48-15	North Vietnam	20 15N-105 59E XH 030 405
	MAP		BRIEF NO:
	AMS L509 NF 48-15		PIB 65137 October 1965

LOCATION: At Ninh Binh on Route 1

DESCRIPTION:

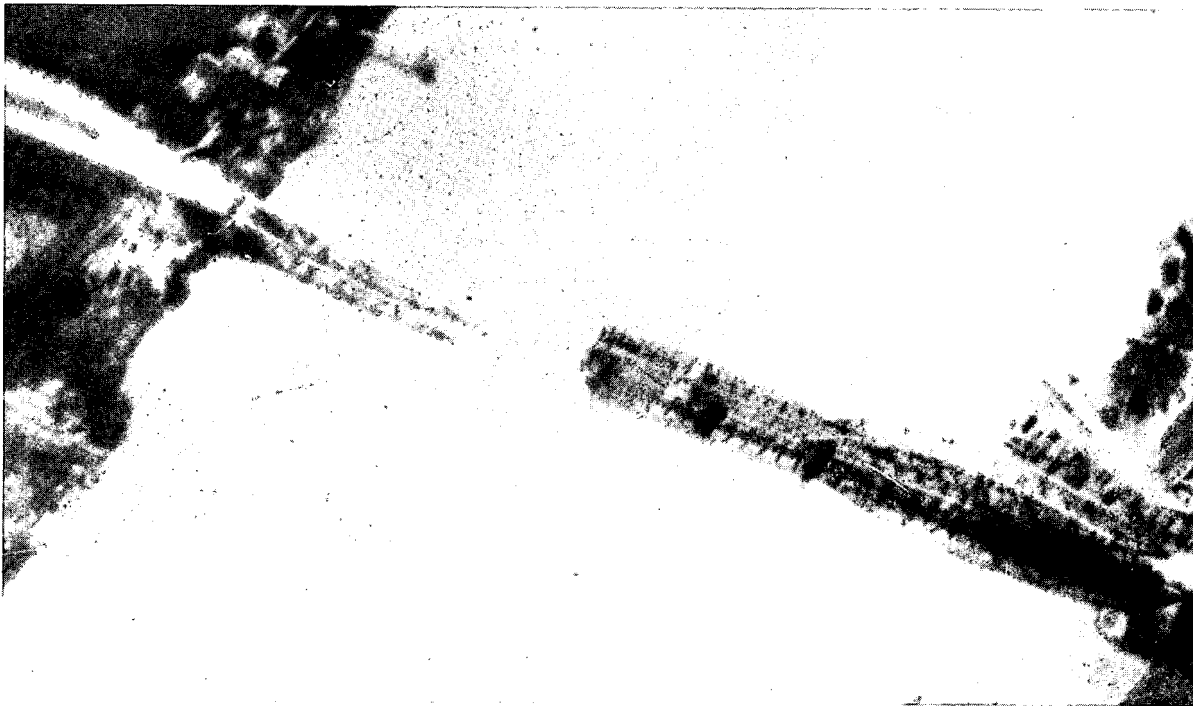
25X1	LENGTH	400' approx.	MATERIAL	Steel
	WIDTH	<input type="text"/>	NO. OF SPANS	8
	TYPE	Through truss	LENGTH OF EACH SPAN	50'

STATUS:

4 spans dropped, one pier destroyed.

COMPENSATIVE ACTION:

Pontoon bridge N.W. of bridge.



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CIA IMAGERY ANALYSIS DIVISION

25X1

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

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

DESCRIPTION:

25X1

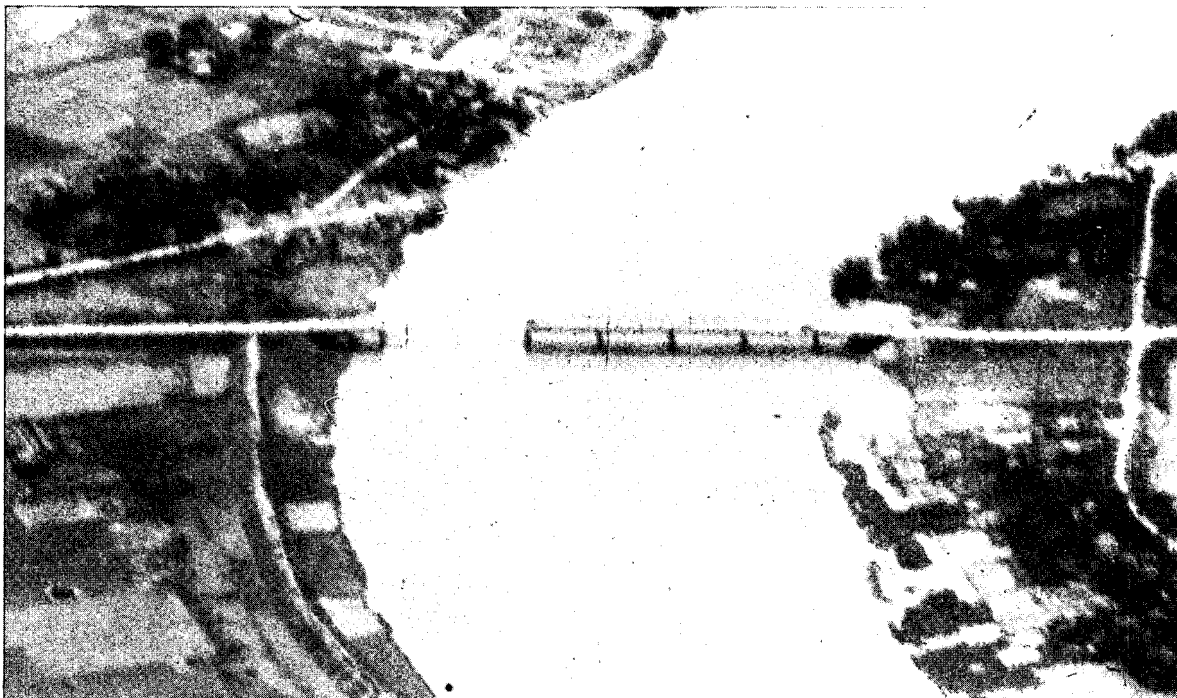
LENGTH	600' approx.	MATERIAL	Concrete
WIDTH	<input type="text"/>	NO. OF SPANS	8
TYPE	Deck	LENGTH OF EACH SPAN	75'

STATUS:

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

COMPENSATIVE ACTION:

Ferry



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Chiang Dong Hwy. Bridge Bridge #20 on NF 48-10	North Vietnam	21 06N 104 14E VJ 210 339
MAP AMS L509 NF 48-10		BRIEF NO: PIB - 65139 October 1965

LOCATION:

North edge of Chiang Dong on Route 6

DESCRIPTION:

LENGTH	150' approx.	MATERIAL	Wood and concrete
WIDTH	20' approx.	NO. OF SPANS	probably 2
TYPE	Deck	LENGTH OF EACH SPAN	75' approx.

STATUS:

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

COMPENSATIVE ACTION:

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



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Na Cai Highway Bridge Bridge No. 15 on NF 48-9	COUNTRY	COORDINATES 21 31N - 103 07E UJ 065810
25X1 MAP AMS L509 NF 48-9	BRIEF NO: PIB-65140 October 1965	

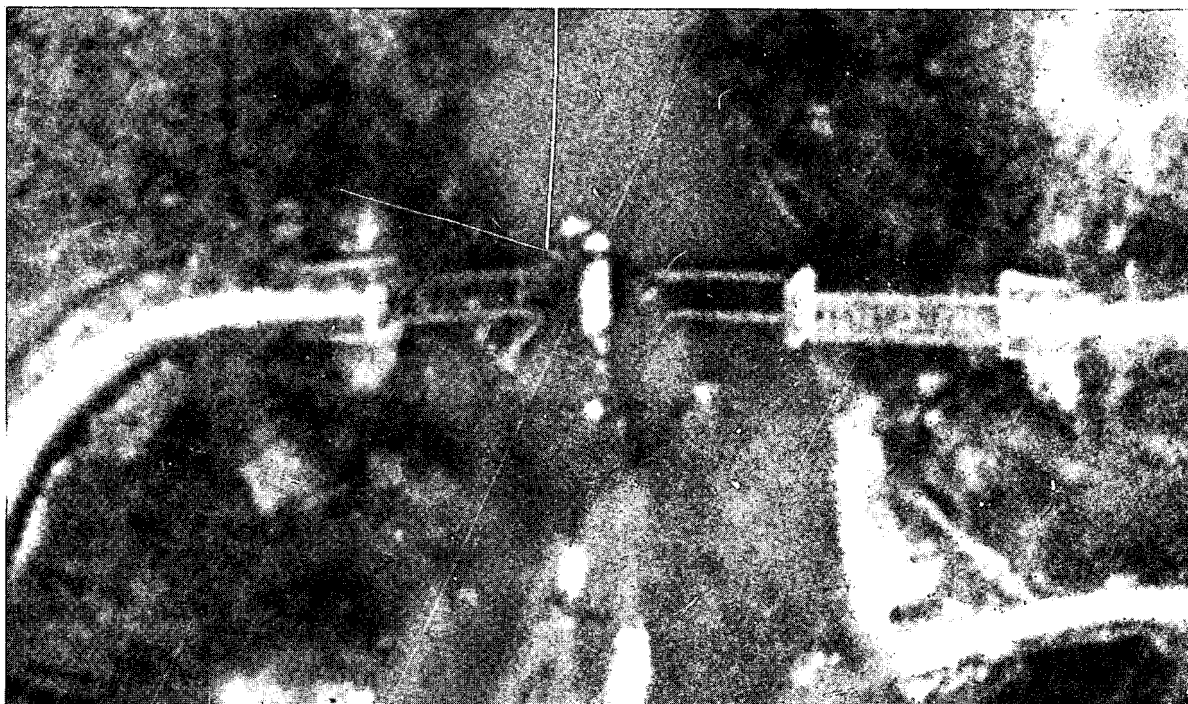
LOCATION: 0.2 nm SW of Ban Na Cai on Route 19

DESCRIPTION:

25X1
 LENGTH 175' (approx.) MATERIAL steel and concrete
 WIDTH [REDACTED] NO. OF SPANS 3
 TYPE 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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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
La Khe Thon Highway Bridge Bridge No. 60 on NE 48-7	North Vietnam	18 03N - 105 49E WE 872973
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65128 October 1965

LOCATION: 0.8 nm SE of Lakhe Thon on Route 15

DESCRIPTION:

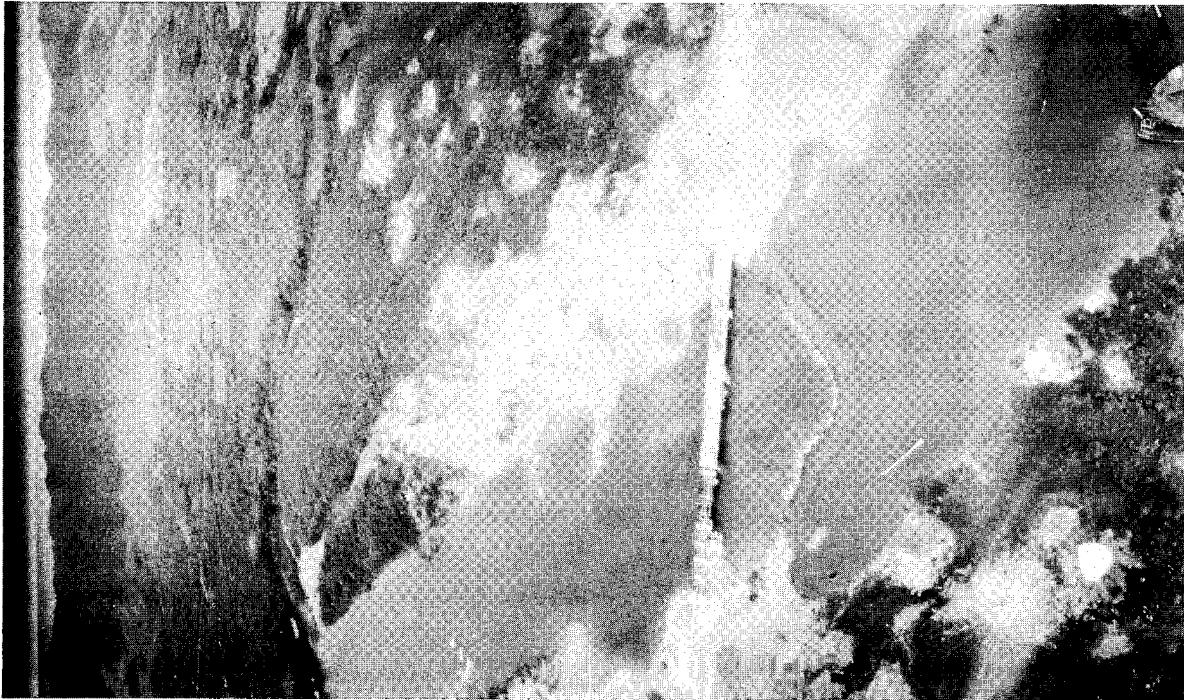
25X1

LENGTH 260' approximately
 WIDTH
 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



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CIA IMAGERY ANALYSIS DIVISION

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

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

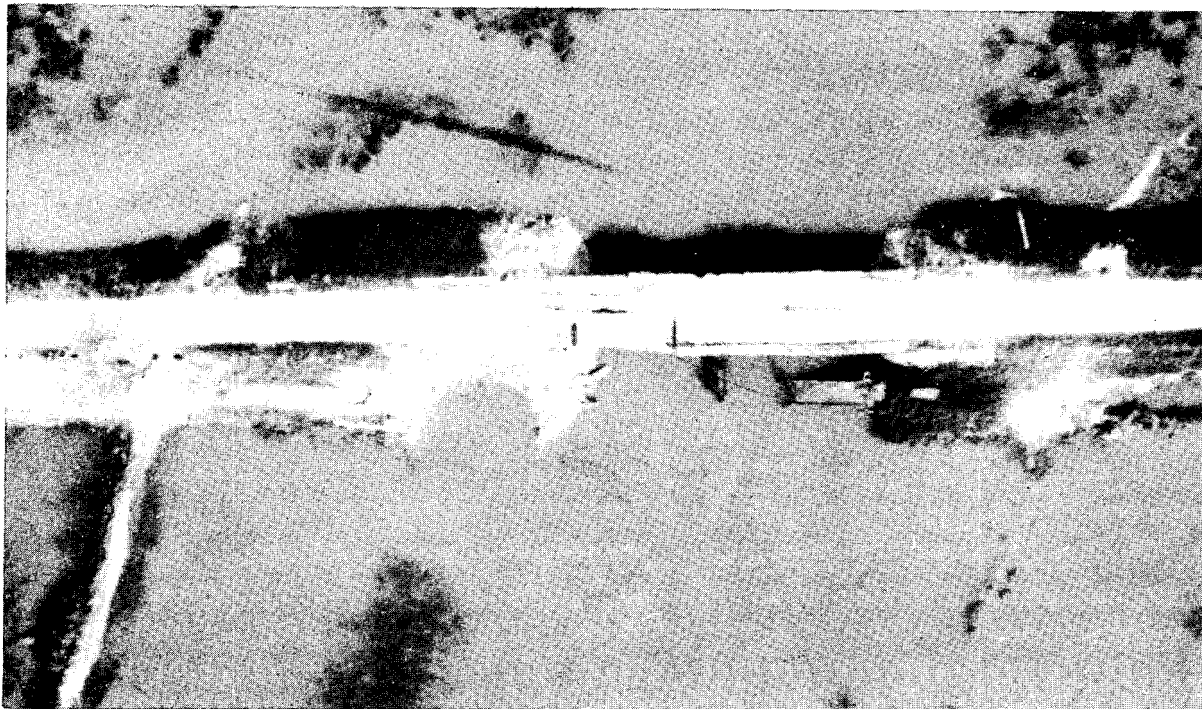
DESCRIPTION:

LENGTH	Approx. 85'	MATERIAL	Concrete
WIDTH		NO. OF SPANS	undetermined
TYPE	Deck	LENGTH OF EACH SPAN	undetermined

25X1

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

COMPENSATIVE ACTION: Bypass of damaged section with planks.



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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
25X1 [REDACTED]		BRIEF NO: PIB 65131 October 1965
MAP	AMS L509 NE 48-9	

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

DESCRIPTION:

LENGTH	265'	MATERIAL	Steel and concrete
WIDTH	[REDACTED]	NO. OF SPANS	3
TYPE	Half-through truss	LENGTH OF EACH SPAN	1-175', 2-45'

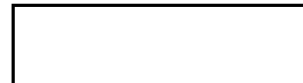
25X1

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

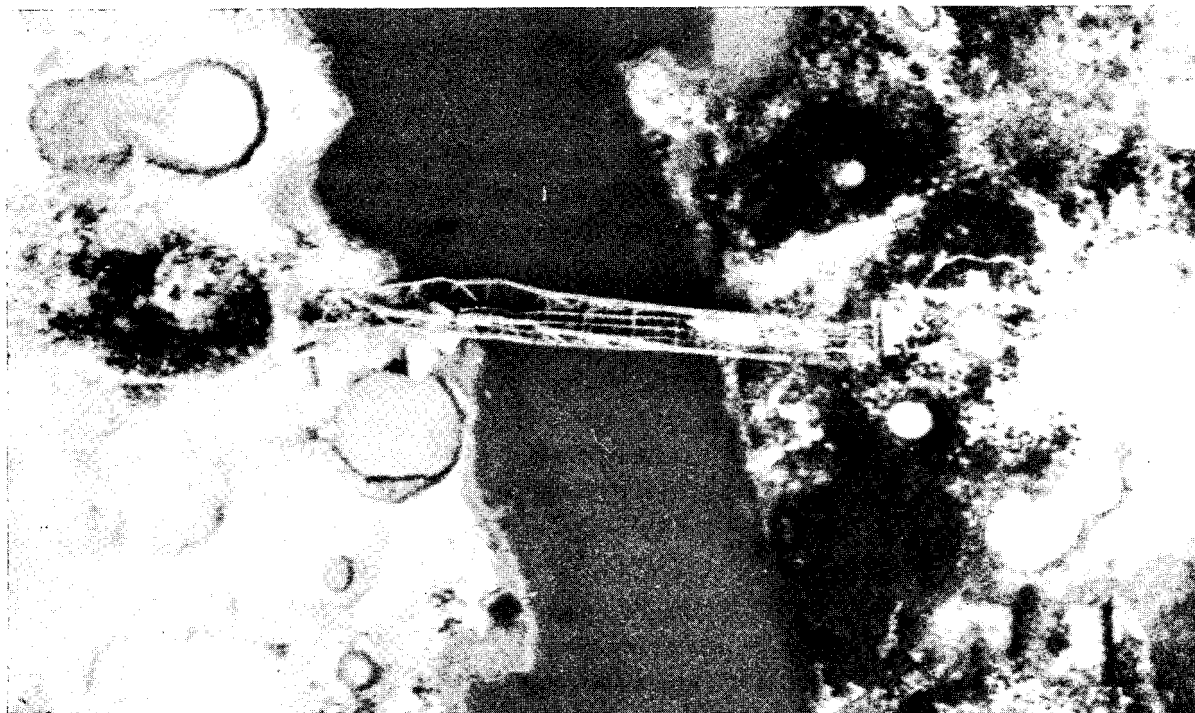
COMPENSATIVE ACTION:

None

Note: Bridge was severely damaged on earlier strike.



25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME Muong Hua Hwy. Bridge Bridge No. 10 on NF 48-9	COUNTRY North Vietnam	COORDINATES 21° 35'N - 103° 23'E UJ 335 880
MAP AMS L509 NF 48-9		BRIEF NO: October 1965 PIB 65132

25X1

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

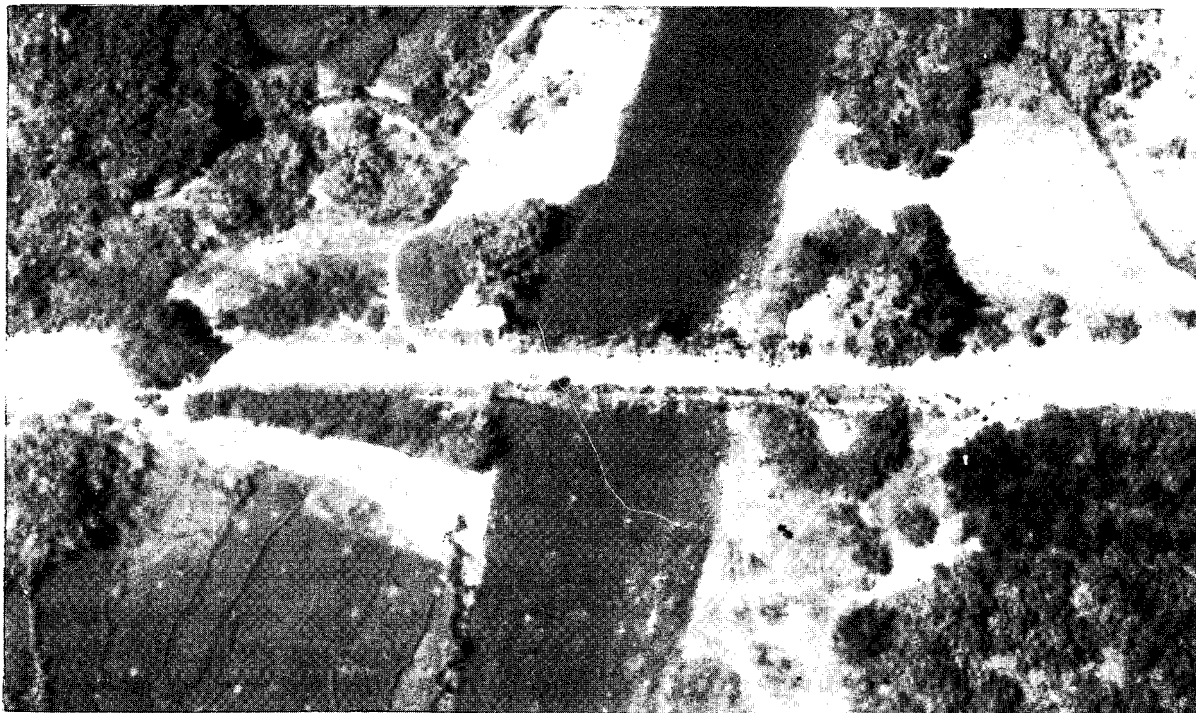
DESCRIPTION:

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

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

STATUS: Pre-strike

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION

25X1

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

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

DESCRIPTION:

25X1

LENGTH	100' approx.	MATERIAL	Wood
WIDTH	<input type="text"/>	NO. OF SPANS	4
TYPE	Deck	LENGTH OF EACH SPAN	25' approx.

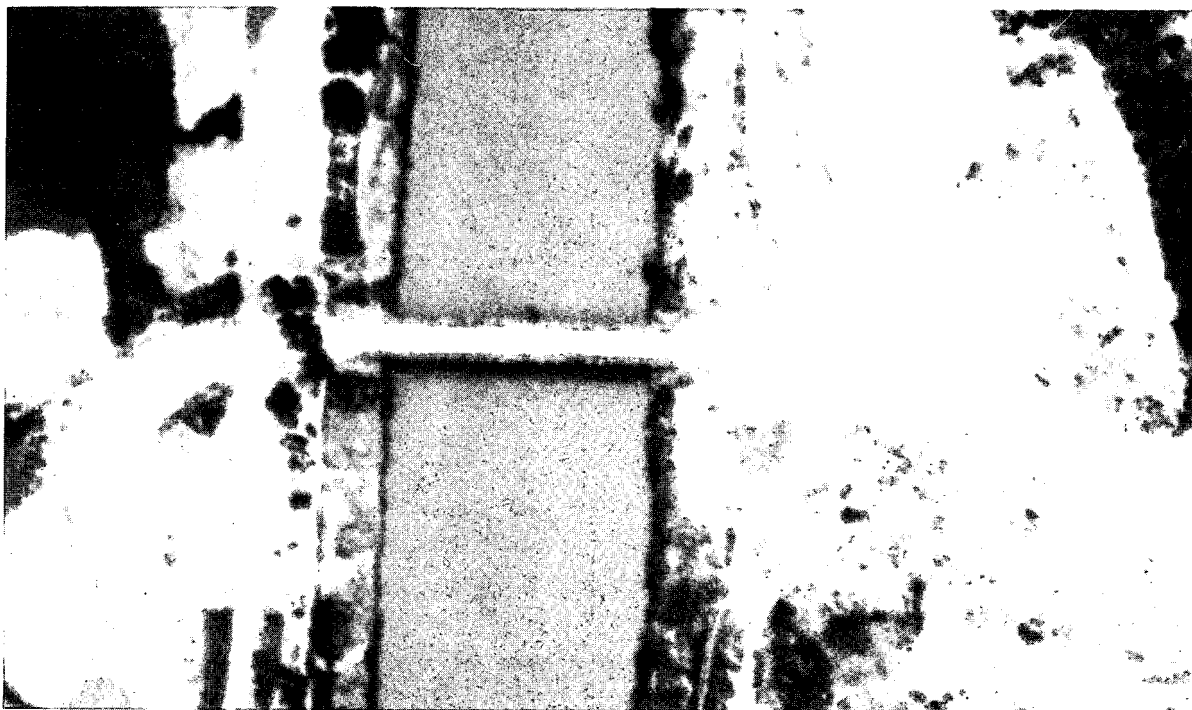
STATUS:

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)



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CIA IMAGERY ANALYSIS DIVISION

NAME Du Dong R.R. Bridge Bridge #30 on NE 48-7		COUNTRY North Vietnam	COORDINATES 18 27N 105 34E WF 609 405
MAP L509 NE 48-7		BRIEF NO: PIB 65129 October 1965	

25X1

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

DESCRIPTION:

LENGTH	70'	MATERIAL	Steel and wood
WIDTH	Single track	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	70'

STATUS:

One abutment destroyed, one end of 1 span destroyed.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

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

25X1

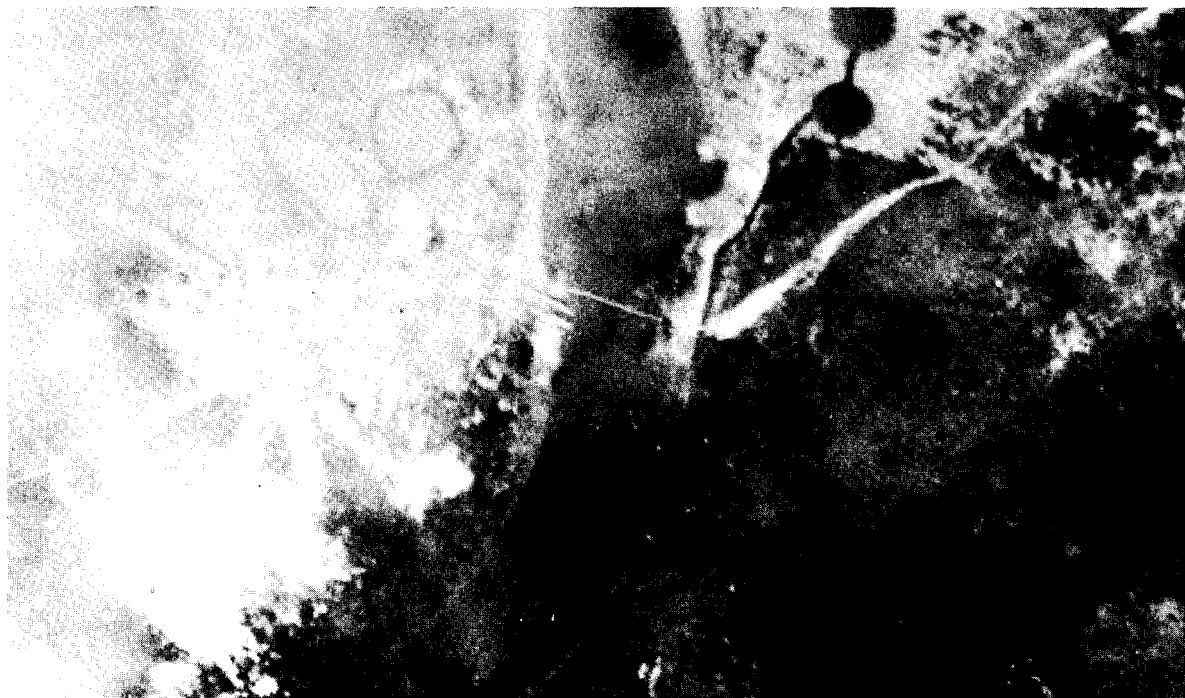
LOCATION: 0.4 nm E. of Sop Cop on Route 44A

DESCRIPTION:

LENGTH	50' (approx.)	MATERIAL	wood (probable)
WIDTH	10' (approx.)	NO. OF SPANS	one (probable)
TYPE	Deck	LENGTH OF EACH SPAN	50'

STATUS: Competely destroyed

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Lang Met Hwy. Bridge Bridge #3 on NF 48-11		COUNTRY North Vietnam	COORDINATES 21 30N - 105 21E XJ 399782
MAP AMS L509 NF 48-11		BRIEF NO: PIB - 65142 October 1965	

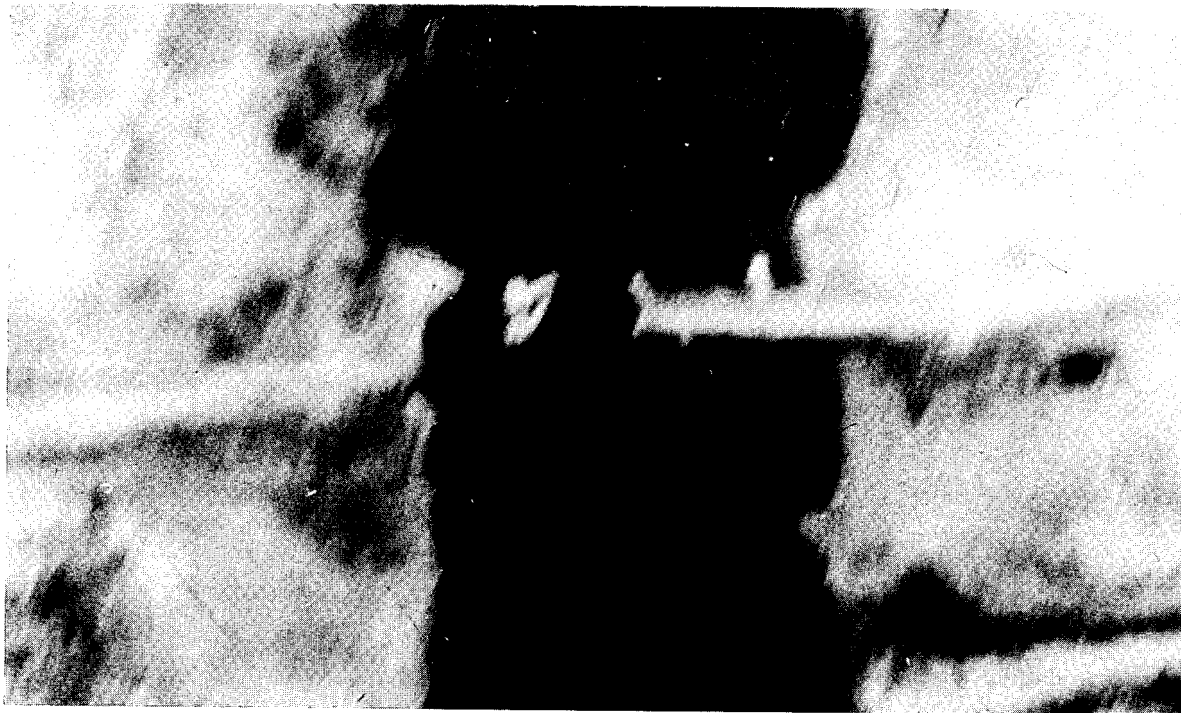
LOCATION: 0.3 nm NE of Lang Met on Route 1A

DESCRIPTION:

LENGTH	175' (approx.)	MATERIAL	steel & concrete
WIDTH	15' (approx.)	NO. OF SPANS	4
TYPE	Deck (probable)	LENGTH OF EACH SPAN	45' (approx.)

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

COMPENSATIVE ACTION: Ferry 1300' SE of bridge



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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
[REDACTED]		BRIEF NO: PIB 65143 November 1965
MAP AMS L509 NE 48-7		

25X1

LOCATION: 0.7 nm S.W. of La Nham on Hanoi-Vinh R.R.

DESCRIPTION:

25X1

LENGTH [REDACTED]	MATERIAL Steel with concrete abutments
WIDTH 10'	NO. OF SPANS 3
TYPE Half through truss	LENGTH OF EACH SPAN [REDACTED]

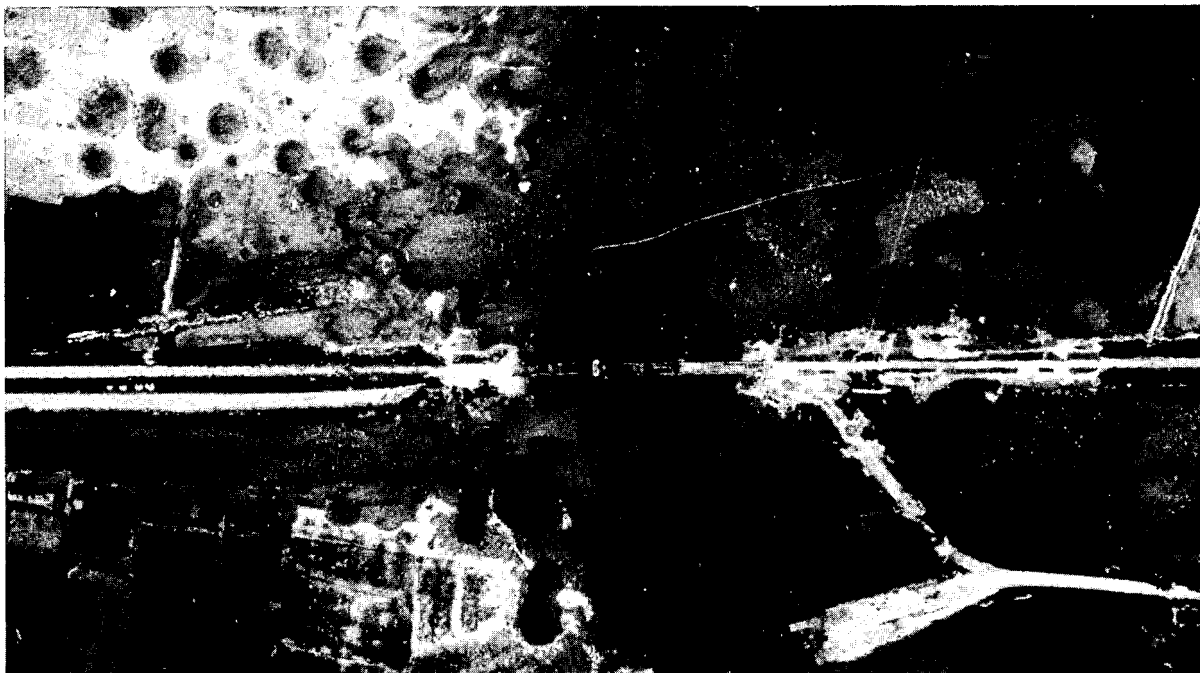
25X1

STATUS:

2 spans dropped, 1 severely damaged - unserviceable abutment at north end appears damaged.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Dien Bien Phu Hwy. Bridge Bridge No. 11 on NF 48-9	North Vietnam	21 23N-103 01E TJ 944 662
[REDACTED]		BRIEF NO: PIB 65144
MAP AMS I509 NF 48-9		November 1965

LOCATION: 0.1 nm S. of Dien Bien Phu on route 191

DESCRIPTION:

25X1

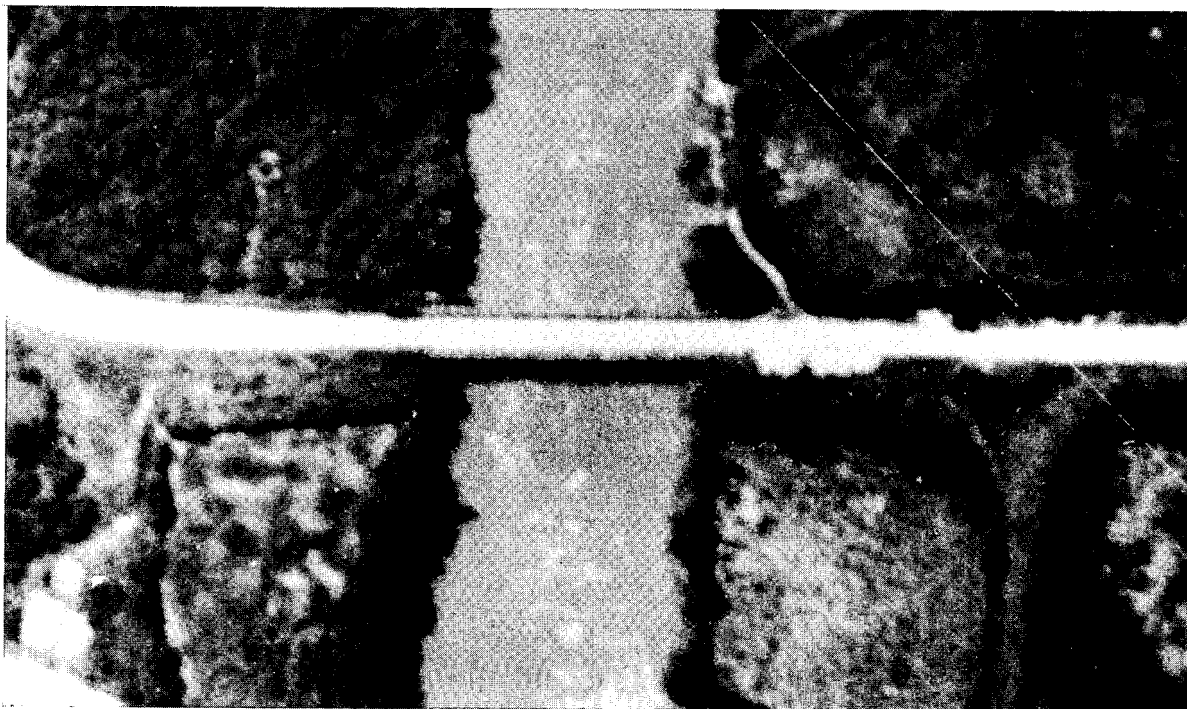
LENGTH	125' approx.	MATERIAL	Steel, wood, concrete
WIDTH	[REDACTED]	NO. OF SPANS	1
TYPE	Half through truss	LENGTH OF EACH SPAN	125' approx.

STATUS:

Pre-strike

COMPENSATIVE ACTION:

N/A



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dien Bien Phu Hwy. Bridge Bridge No. 11 on NF 48-9	North Vietnam	21 23N - 103 01E TJ 944 662
25X1 <input type="text"/>		BRIEF NO: PIB - 65145 November 1965
MAP AMS L509 NF 48-9		

LOCATION: 0.1 N.M. S. of Dien Bien Phu on route 191

DESCRIPTION:

25X1

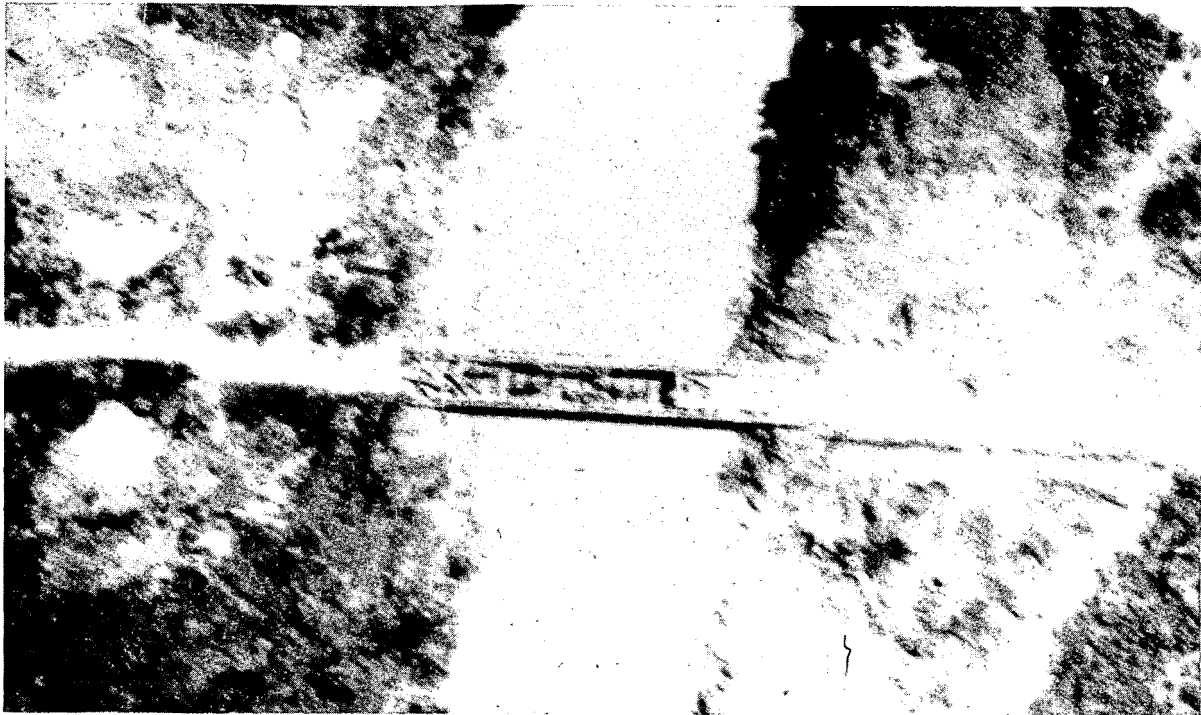
LENGTH
 WIDTH
 TYPE Half through truss

MATERIAL Steel, wood, and concrete
 NO. OF SPANS 2 probable
 LENGTH OF EACH SPAN

25X1

STATUS: Two-thirds of decking bombed out. Bridge unserviceable.

COMPENSATIVE ACTION: None



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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
25X1 		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	75' approx.	MATERIAL	Steel and wood
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Deck	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



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Ban Ca Tang Hwy. Bridge Bridge No. 6 on NE 48-2	North Vietnam	19 20N 104 18E VG 264 376
[REDACTED]		BRIEF NO: PIB 65147 November 1965
MAP AMS L509 NE 48-2		

LOCATION: In Ban Ca Tang on route 7

DESCRIPTION:

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

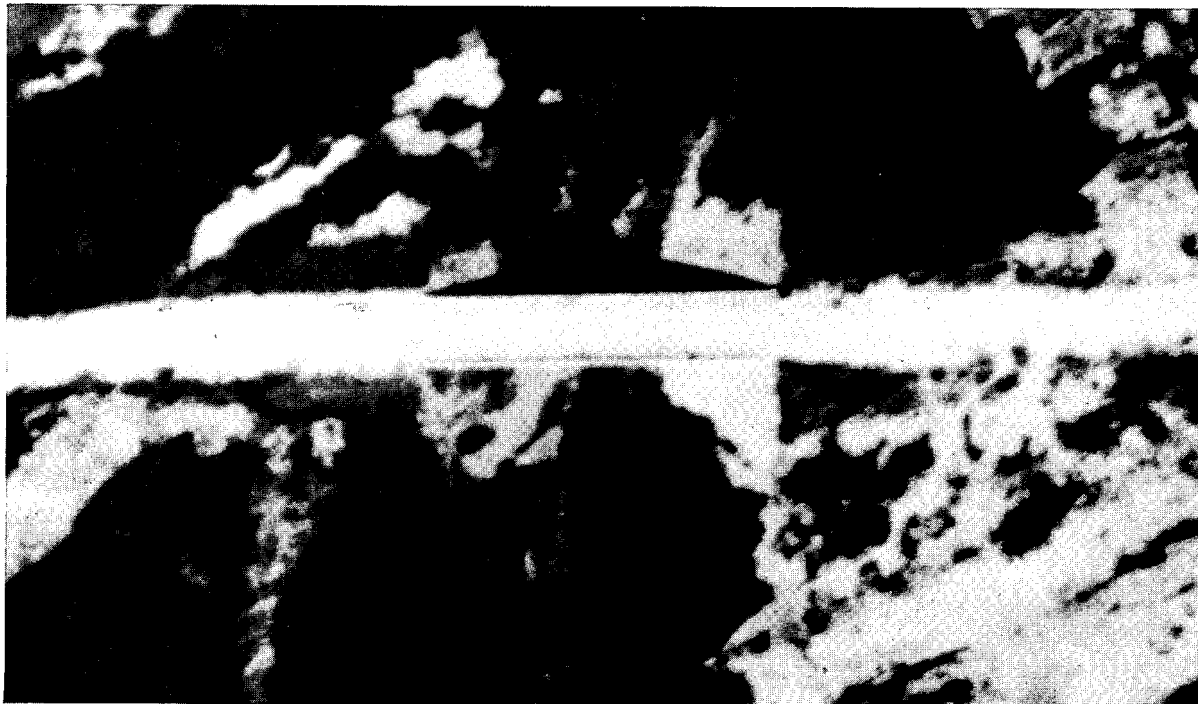
MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 60' approx.

STATUS:

Pre-strike

COMPENSATIVE ACTION:

N/A



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Ca Tang Hwy. Bridge Bridge No. 6 on NE 48-2	North Vietnam	19 20N-104 18E VG 264 376
[REDACTED]		BRIEF NO: PIB 65148
MAP AMS L509 NE 48-2		November 1965

25X1

LOCATION: In Ban Ca Tang on route 7

DESCRIPTION:

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

STATUS:

Both spans and center pier destroyed.

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

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

25X1

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

DESCRIPTION:

LENGTH	55' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	4
TYPE	Deck	LENGTH OF EACH SPAN	15' approx.

STATUS: One span heavily damaged.

COMPENSATIVE ACTION: Repair work underway.



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CIA IMAGERY ANALYSIS DIVISION

NAME Ban Ang Hwy. Bridge Bridge No. 9 on NE 48-2	COUNTRY North Vietnam	COORDINATES 19 15N-104 24E VG 376 284
MAP AMS 1509 NE 48-2		BRIEF NO: PIB 65150 November 1965

25X1

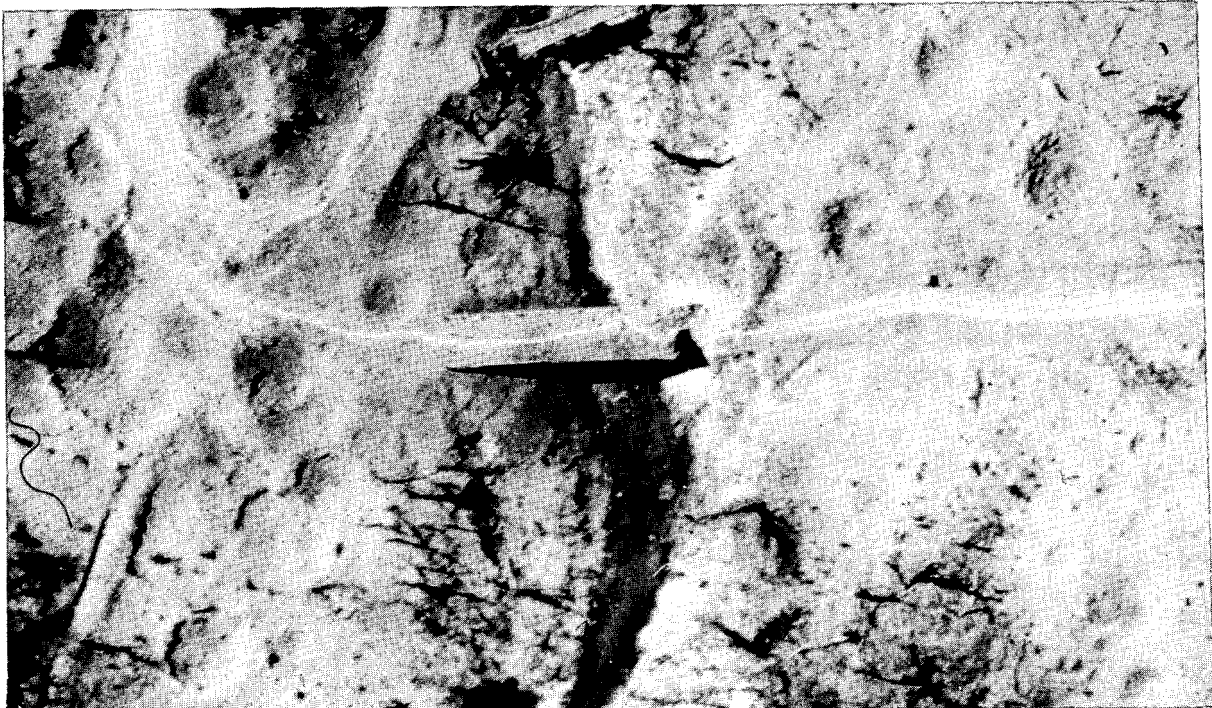
LOCATION: 0.3 nm S.E. of Ban Ang on route 7

DESCRIPTION:

LENGTH	55' approx.	MATERIAL	Concrete
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	55' approx.

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

COMPENSATIVE ACTION: Ford



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME Dong Hoi Hwy. Bridge Bridge No. 1 on NE 48-12	COUNTRY North Vietnam	COORDINATES 17 27N-106 38E XE 305 730
MAP AMS L509 NE 48-12		BRIEF NO: PIB 65151 November 1965

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

DESCRIPTION:

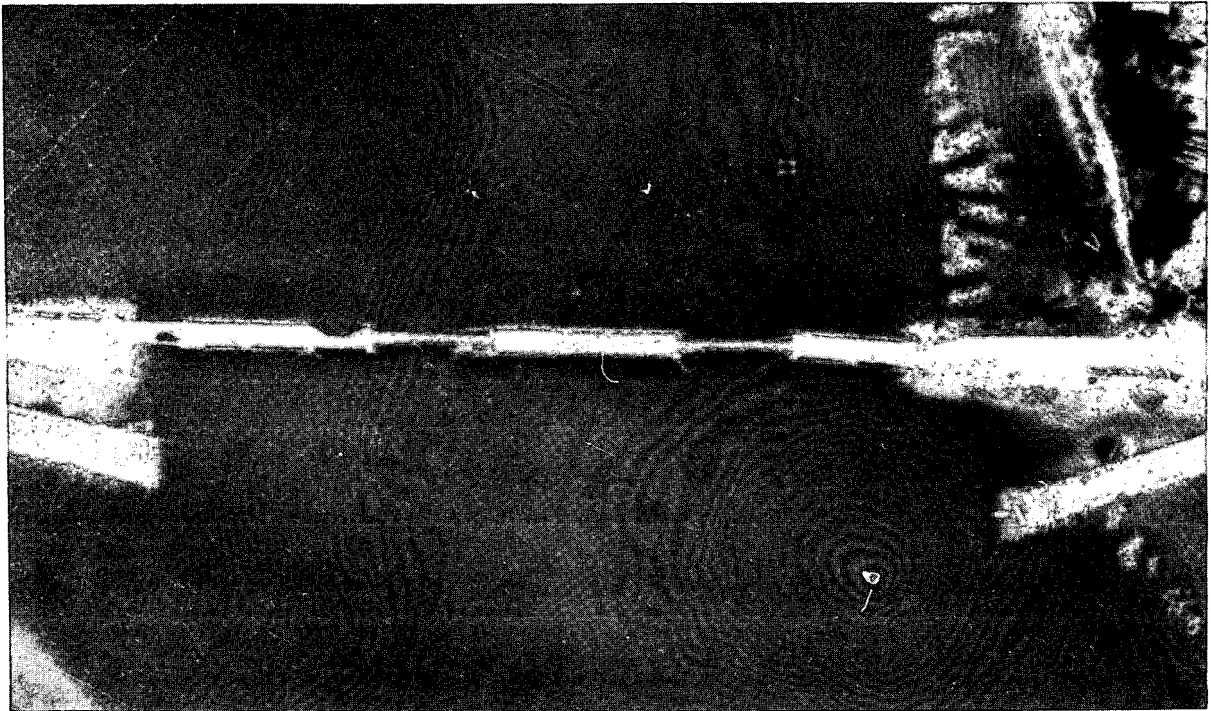
LENGTH	345' approx.	MATERIAL	Steel and concrete
WIDTH	15' approx.	NO. OF SPANS	10 approx.
TYPE	Deck	LENGTH OF EACH SPAN	35' approx.

STATUS:

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

COMPENSATIVE ACTION:

Ferry



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dong Hoi Hwy. Bridge Bridge No. 1 on NE 48-12	North Vietnam	17 27N - 106 37E XE 305 730
MAP AMS L509 NE 48-12		BRIEF NO: PIB 65152 November 1965

25X1

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

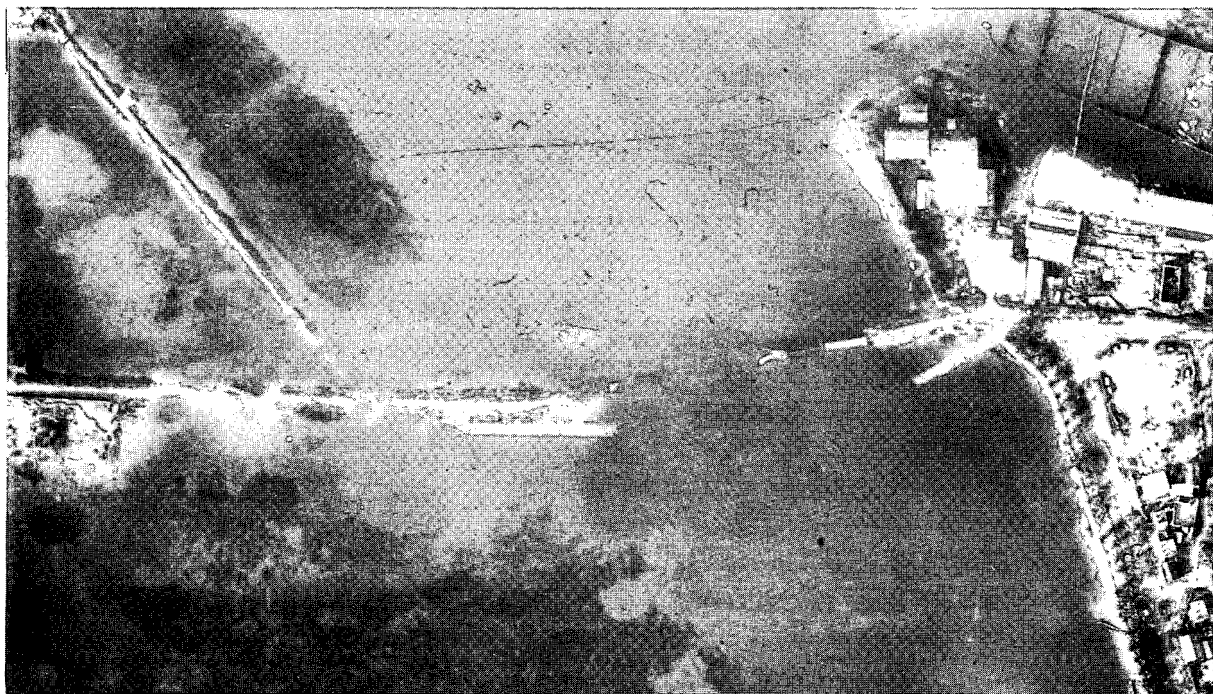
DESCRIPTION:

LENGTH	350' approx.	MATERIAL	Steel and concrete
WIDTH	15' approx.	NO. OF SPANS	10
TYPE	Deck	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



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Lang Bun R.R. Bridge Bridge No. 1 on NF 48-6	North Vietnam	22 09N - 104 23E VK 368 493
[REDACTED]		BRIEF NO: PIB 65153
MAP AMS L509 NF 48-6		November 1965

25X1

LOCATION: 0.5 nm N.E. of Lang Bun on the Hanoi-Lao Cai R.R. Line

DESCRIPTION:

LENGTH	150'	MATERIAL	Steel and concrete
WIDTH	[REDACTED]	NO. OF SPANS	2
TYPE	Half-through truss	LENGTH OF EACH SPAN	75'

25X1

STATUS:

Bridge completely destroyed. Both bridge abutments are destroyed.

25X1

[REDACTED]

COMPENSATIVE ACTION:

New temporary bridge has been constructed immediately south of present bridge.



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CIA IMAGERY ANALYSIS DIVISION

25X1	NAME Dong Lang Hwy. Bridge Bridge No. 25 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 51N - 106 04E XE 127 743
	MAP AMS 1509 NE 48-11		BRIEF NO: PIB 65154 November 1965

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

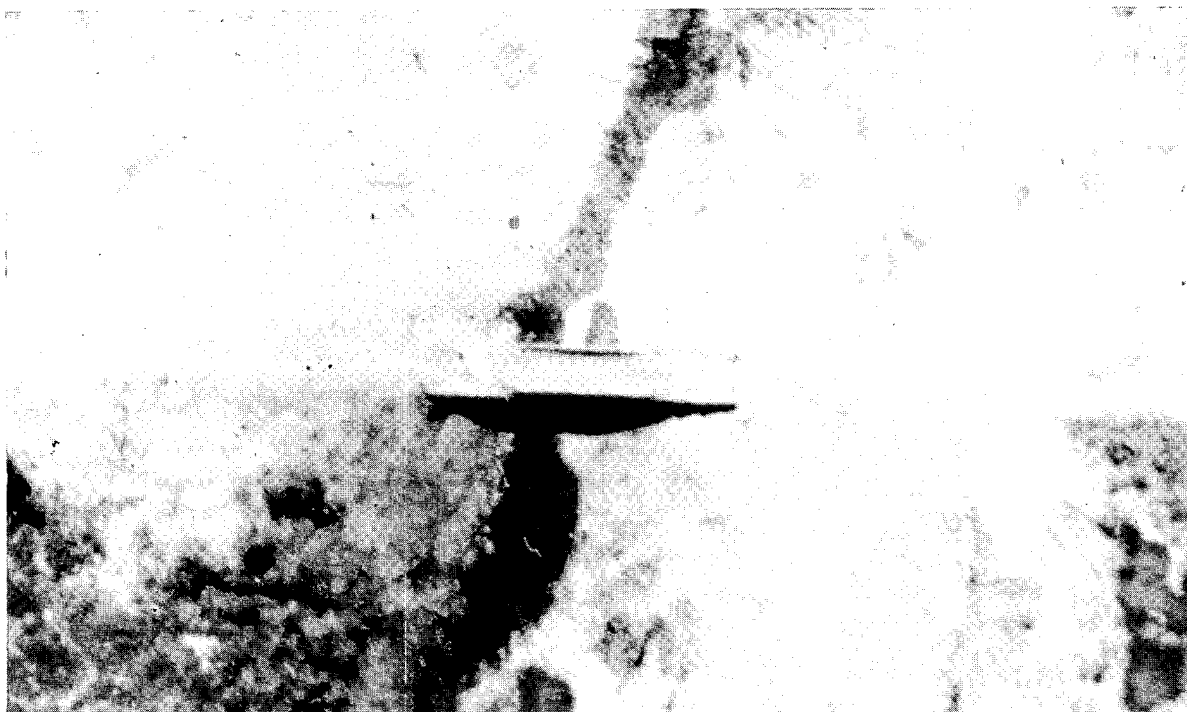
DESCRIPTION:

25X1	LENGTH	75' approx.	MATERIAL	Concrete
	WIDTH	<input type="text"/>	NO. OF SPANS	3
	TYPE	Deck	LENGTH OF EACH SPAN	20', 35', 20'

STATUS: Slight damage to entire bridge. Bridge probably serviceable.

COMPENSATIVE ACTION: None

25X1 Note: Pre-strike



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Dong Lang Hwy. Bridge Bridge No. 25 on NE 48-11	North Vietnam	17 51N - 106 04E XE 127 743
MAP AMS I509 NE 48-11		BRIEF NO: PIB 65155 November 1965

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

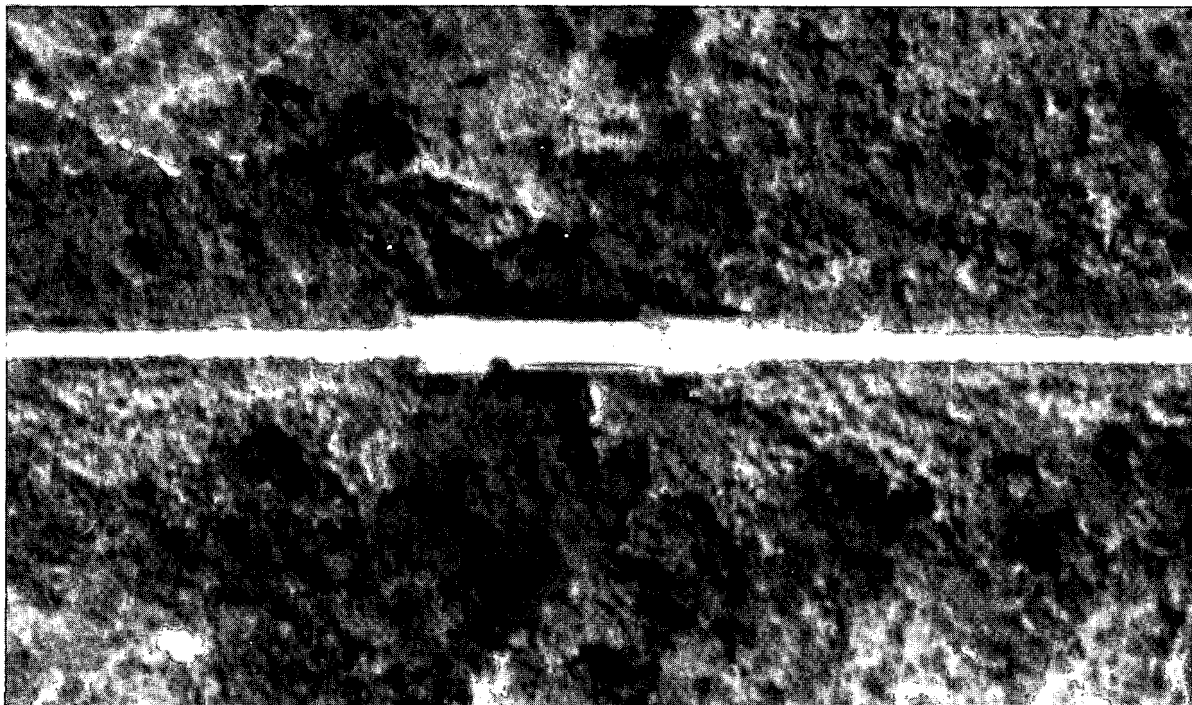
DESCRIPTION:

25X1

LENGTH	75' approx.	MATERIAL	Concrete
WIDTH	<input type="text"/>	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	20', 35', 20'

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 IMAGERY ANALYSIS DIVISION

25X1

NAME Don Cay Hwy. Bridge Bridge No. 61 on NE 48-7		COUNTRY North Vietnam	COORDINATES 18 25N - 105 42E WF 738 365
MAP AMS L509 NE 48-7		BRIEF NO: PIB - 65156 November 1965	

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

DESCRIPTION:

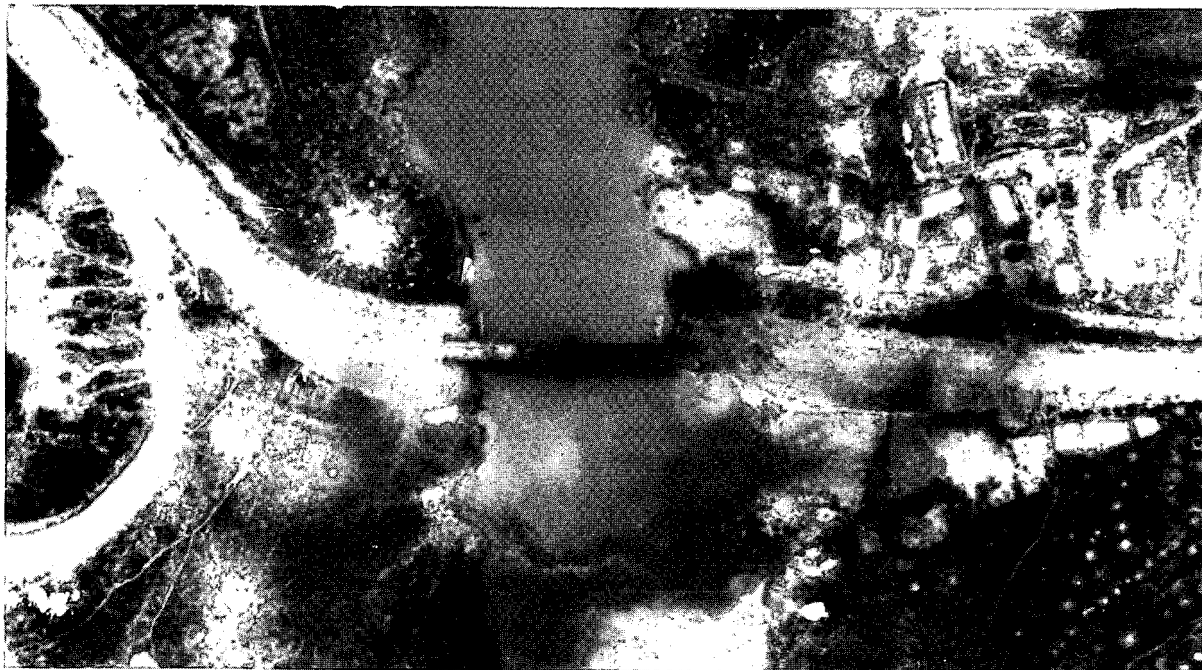
LENGTH	140' approx.	MATERIAL	Steel and wood
WIDTH	10' approx.	NO. OF SPANS	5
TYPE	Deck	LENGTH OF EACH SPAN	1 span - 50' approx. 3 spans - 20' approx. 1 span - 30' approx.

STATUS:

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

COMPENSATIVE ACTION:

2 temporary rock-filled causeways and 1 ford



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25X1	NAME	COUNTRY	COORDINATES
	Kim Cuong Hwy. Bridge No. 1 Bridge No. 4 on NE 48-7	North Vietnam	WF 235 381 18 25N - 105 28E
	BRIEF NO:		
	PIB 65157		
	MAP	AMS L509	NE 48-7-4
	November 1965		

LOCATION: 2.3 N.M. S.W. of Kim Cuong On route 8

DESCRIPTION:

25X1

LENGTH	[]	MATERIAL	Concrete
WIDTH		NO. OF SPANS	5 probable
TYPE	Deck	LENGTH OF EACH SPAN	[]

25X1

STATUS: 2 spans destroyed; 1 pier destroyed

COMPENSATIVE ACTION: Ford



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25X1	NAME	COUNTRY	COORDINATES
	Trach Hau Hwy. Bridge Bridge No. 45 on NE 48-7	North Vietnam	18 02N - 106 24E XE 482 948
	BRIEF NO:		
	PIB - 65158		
	October 1965		

MAP AMS L509 NE 48-7
LOCATION: 0.5 N.M. S. of Trach Hau on route 1A

DESCRIPTION:

25X1	LENGTH	80'	MATERIAL	Concrete
	WIDTH	<input type="text"/>	NO. OF SPANS	8
	TYPE	Deck	LENGTH OF EACH SPAN	10'

STATUS: 3 spans destroyed, 2 piers destroyed

COMPENSATIVE ACTION: Causeway with culvert

X1 Note: Bridge is also found on



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NAME Thou Nam Hwy. Bridge Bridge No. 62 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 16N - 105 55E WF 982 202
MAP AMS L509 NE 48-7		BRIEF NO: PIB 65159 November 1965

25X1

LOCATION: 0.2 nm W. of Thou Nam on Route 151

DESCRIPTION:

LENGTH	130' approx.	MATERIAL	Wood and concrete
WIDTH	10' approx.	NO. OF SPANS	13
TYPE	Deck	LENGTH OF EACH SPAN	10'

STATUS:

7 spans dropped, 1 severely damaged
1 pier destroyed, 2 appear severely damaged

COMPENSATIVE ACTION: None



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25X1

NAME	COUNTRY	COORDINATES
Co Cang Hwy. Bridge Bridge No. 22 on NE 48-11	North Vietnam	17 49N - 106 12E XE 270 703
MAP AMS I.509 NE 48-11		BRIEF NO: PIB 65160 October 1965

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

DESCRIPTION:

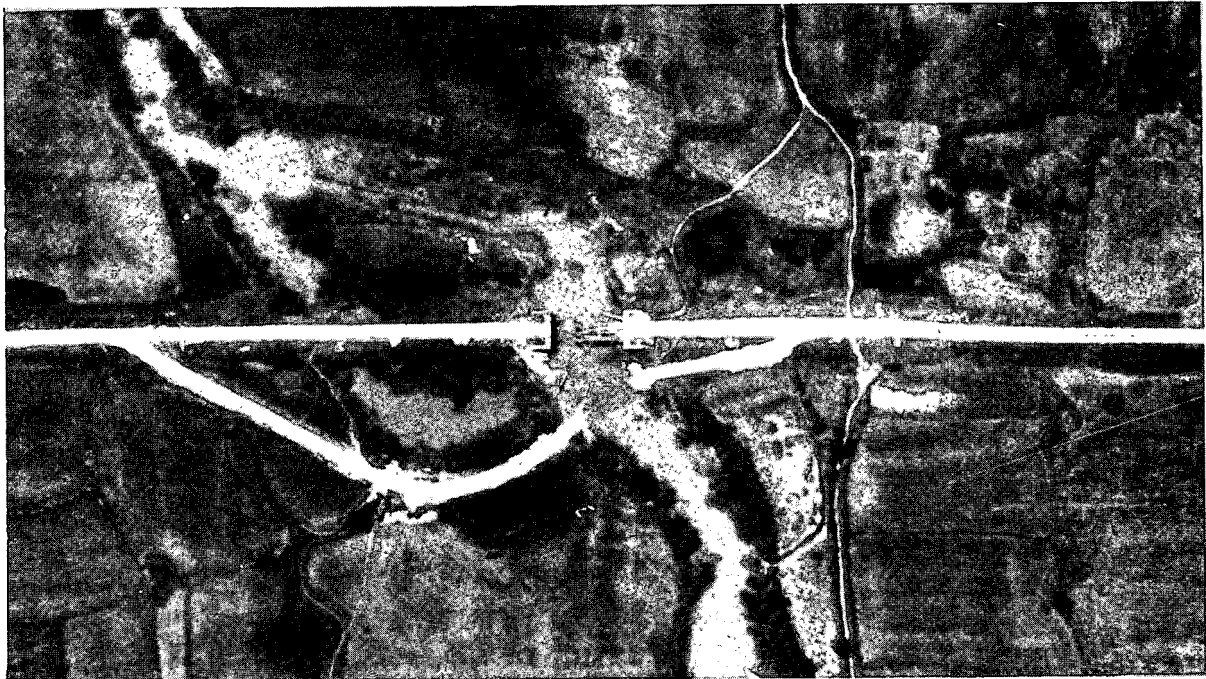
LENGTH	45' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	15'

STATUS:

One span destroyed, two spans dropped. Piers intact.

COMPENSATIVE ACTION:

Ford



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NAME	COUNTRY	COORDINATES
Cho Vuc Hwy. Bridge Bridge No. 58 on NE 48-7	North Vietnam	18 14N - 105 58E XF 022 176
25X1 		BRIEF NO: PIB 65161 November 1965
MAP	AMS 1509 NE 48-7	

LOCATION: 0.8 nm N. of Cho Vuc on an unnumbered route

DESCRIPTION:

25X1

LENGTH	150'	MATERIAL	Wood
WIDTH		NO. OF SPANS	undetermined
TYPE	Deck	LENGTH OF EACH SPAN	undetermined

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

COMPENSATIVE ACTION: None



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25X1

NAME Xom Phuong Hwy. Bridge II Bridge No. 22 on NE 48-12		COUNTRY North Vietnam	COORDINATES 17 32N - 106 33E XE 646 406
MAP AMS L509 NE 48-12		BRIEF NO: PIB 65162 November 1965	

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

DESCRIPTION:

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

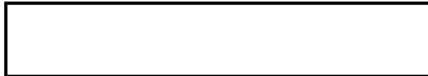
STATUS:

Five spans destroyed, two spans heavily damaged, unserviceable.

COMPENSATIVE ACTION:

None

25X1



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NAME	COUNTRY	COORDINATES
Dong Giang Phuong Hwy. Bridge Bridge No. 27 on NE 48-11	North Vietnam	17 51N - 106 05E XE 155 753
25X1 		BRIEF NO: PIB 65163 November 1965
MAP	AMS L509 NE 48-11	

LOCATION: 0.1 nm S.E. of Dong Giang Phuong on an unnumbered route

DESCRIPTION:

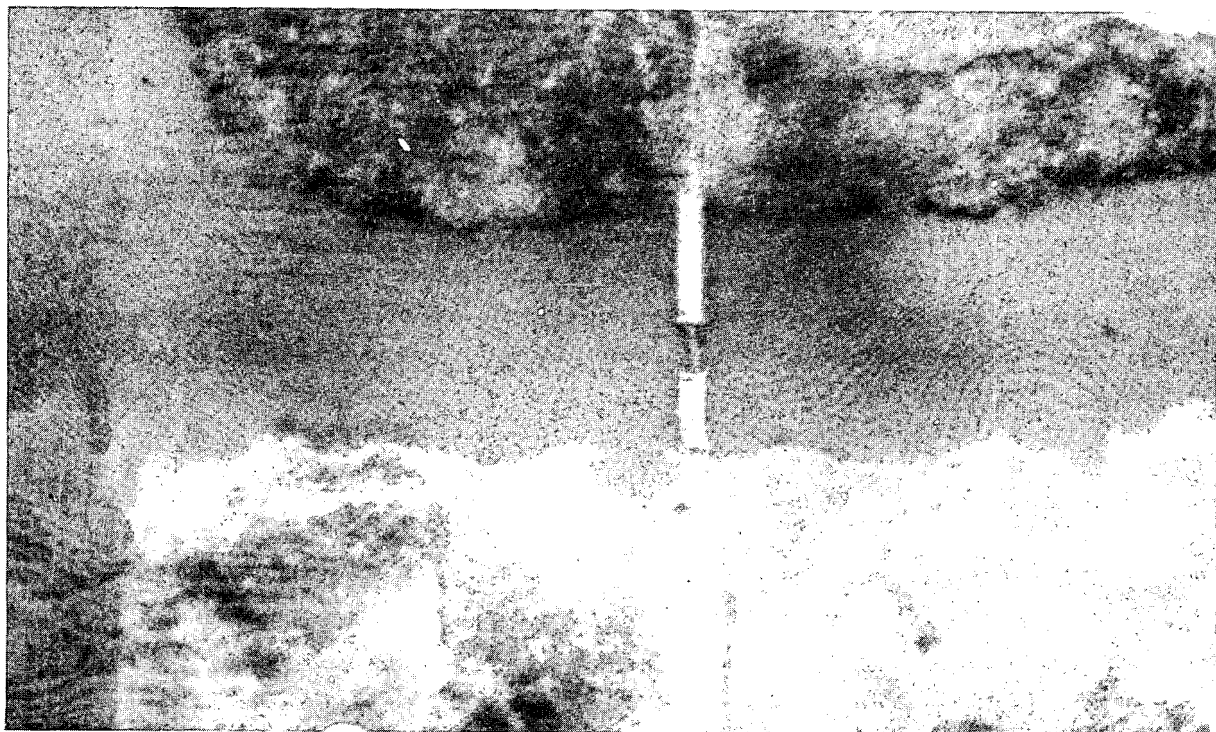
25X1	LENGTH	75' approx.	MATERIAL	Wood
	WIDTH		NO. OF SPANS	5 (probable)
	TYPE	Deck	LENGTH OF EACH SPAN	15' approx.

STATUS:

2 spans destroyed, serviceable to foot traffic only.

COMPENSATIVE ACTION:

None



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NAME	COUNTRY	COORDINATES
Dong Khe Hwy. Bridge Bridge No. 25 on NE 48-3	North Vietnam	19 04N - 105 35E WG 618 081
25X1 <input type="text"/>		BRIEF NO: PIB 65164 November 1965
MAP AMS L509 NE 48-3		

LOCATION: 0.8 nm N. of Dong Khe on Route 1A

DESCRIPTION:

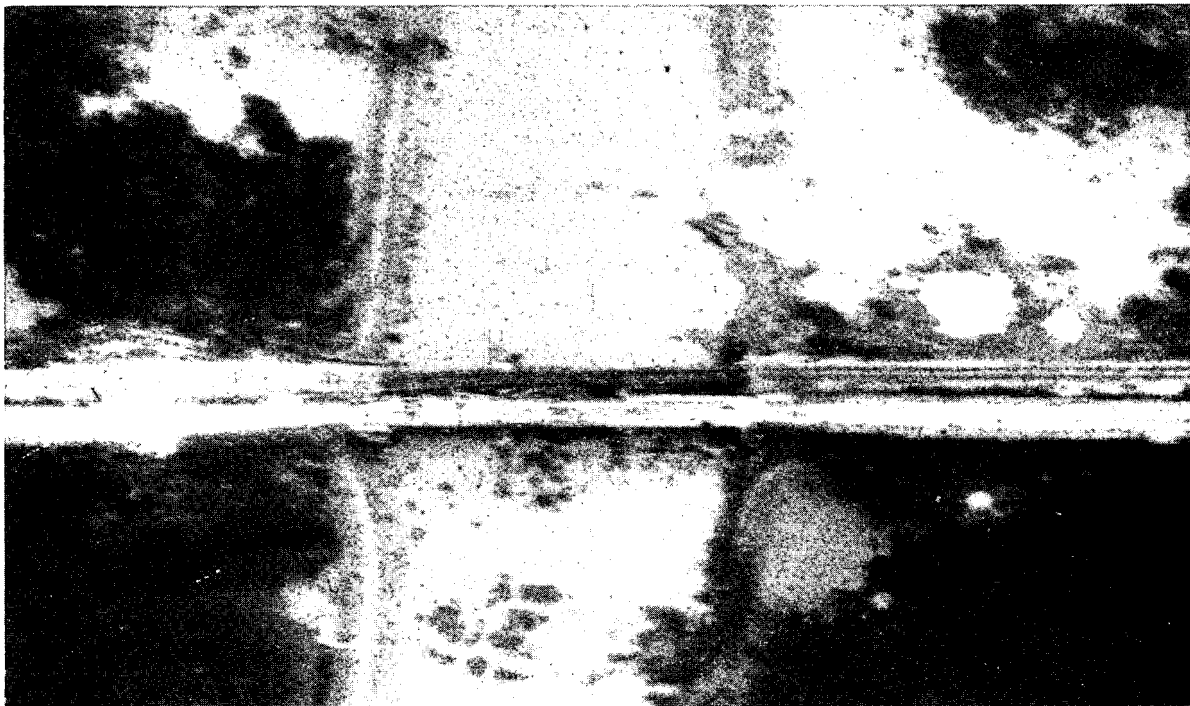
25X1	LENGTH	120' approx.	MATERIAL	Steel and concrete
	WIDTH	<input type="text"/>	NO. OF SPANS	3
	TYPE	Deck	LENGTH OF EACH SPAN	40' approx.

STATUS:

Decking has been moderately damaged.

COMPENSATIVE ACTION: None

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



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CIA IMAGERY 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
25X1 <input type="text"/>		BRIEF NO: PIB 65165 November 1965
MAP AMS L509 NE 48-3		

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

DESCRIPTION:

25X1

LENGTH	120' approx.	MATERIAL	Steel and concrete
WIDTH	<input type="text"/>	NO. OF SPANS	3
TYPE	Deck	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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25X1

NAME	COUNTRY	COORDINATES
Ho Thuong Hwy. Bridge Bridge No. 26 on NE 48-3	North Vietnam	19 32N - 105 47E WG 823 594
MAP AMS L509 NE 48-3		BRIEF NO: PIB 65166 November 1965

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

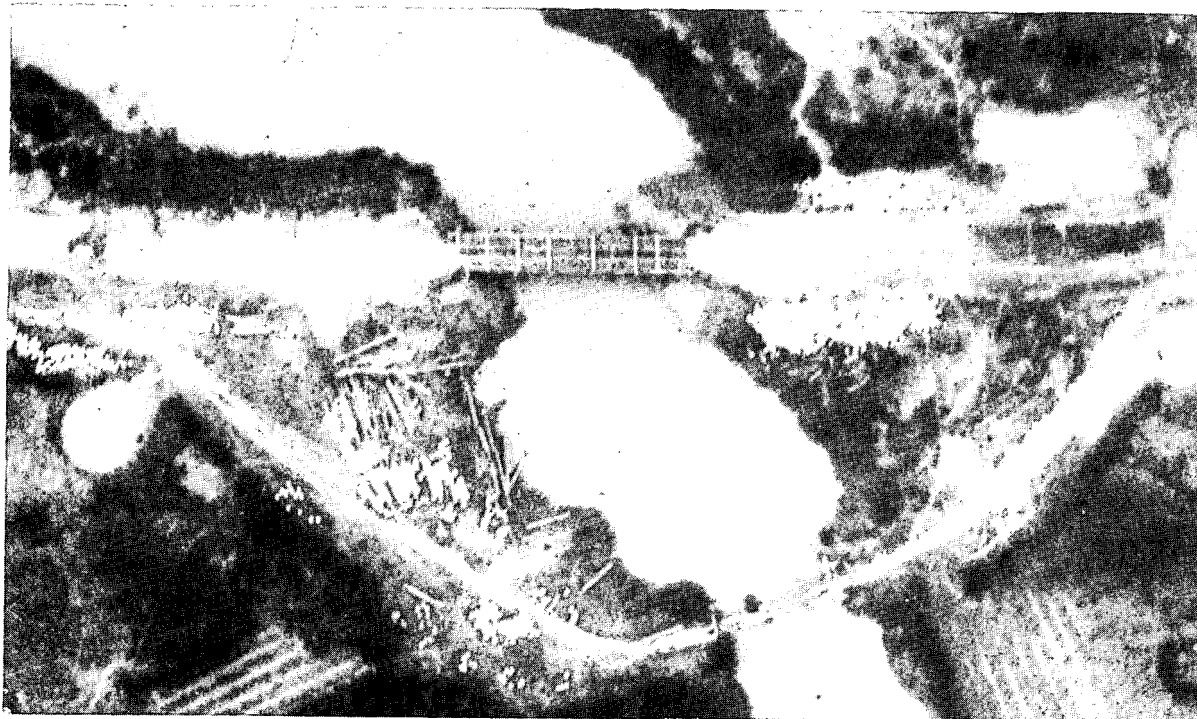
DESCRIPTION:

25X1

LENGTH	60' approx.	MATERIAL	Wood and steel
WIDTH	<input type="text"/>	NO. OF SPANS	3
TYPE	Deck	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 IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dien Le Hwy. Bridge Bridge No. 24 on NE 983	North Vietnam	19 02N - 105 37E WG 618 045
25X1 MAP AMS L509 NE 483		BRIEF NO: PIB 65167 November 1965

LOCATION: 0.6 nm N. of Dien Le on Route 1A

DESCRIPTION:

LENGTH	90' approx.	MATERIAL	Steel
WIDTH	10' approx.	NO. OF SPANS	probably 2
TYPE	Half-through truss	LENGTH OF EACH SPAN	45'

STATUS: Span appears to be dropped off abutment.

COMPENSATIVE ACTION: By-pass bridge west of bridge.



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CIA IMAGERY ANALYSIS DIVISION

25X1	NAME	Pho Hop RR. Bridge over Ngoi	COUNTRY	COORDINATES
		Hop <input type="text"/> Bridge No. 26 on NF 48-10	North Vietnam	21 49N - 104 45E VK 752127
25X1	MAP	AMS L509 NF 48-10		BRIEF NO: PIB 65167 April 1966

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

DESCRIPTION:

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

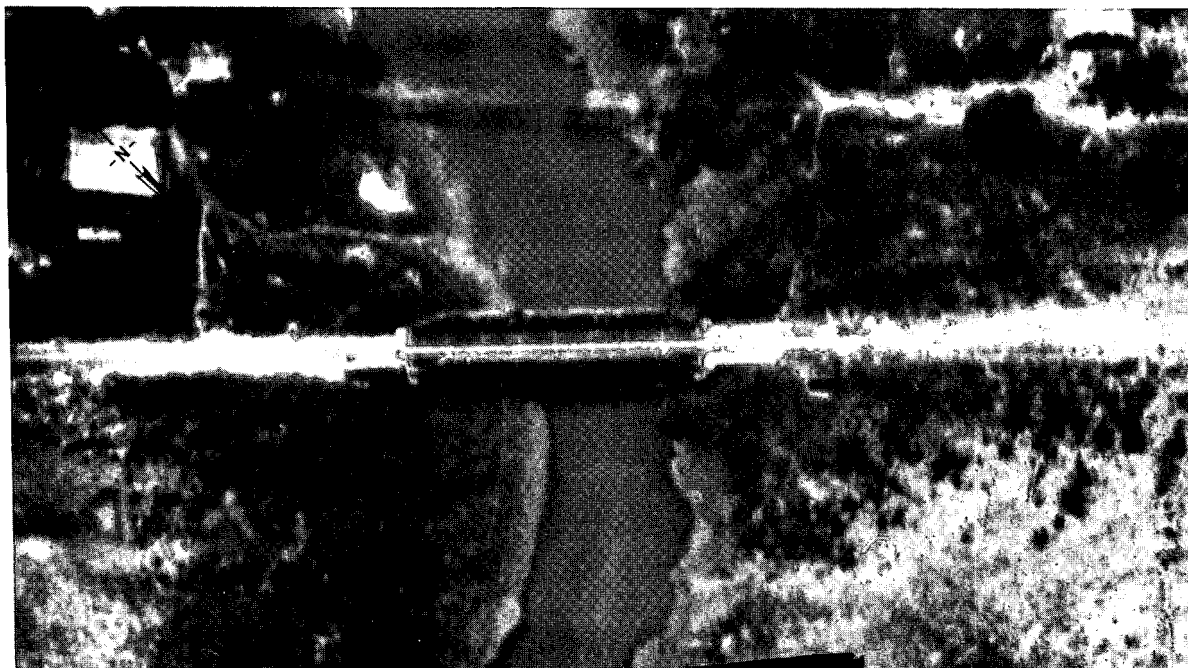
STATUS:

Pre-strike

COMPENSATIVE ACTION:

None

25X1



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Dao My Hwy. Bridge Bridge No. 63 on NE 48-7	North Vietnam	18 50N - 105 22E WF 393 834
25X1 		BRIEF NO: PIB 65168 November 1965
MAP	AMS L509	NE 48-7

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

DESCRIPTION:

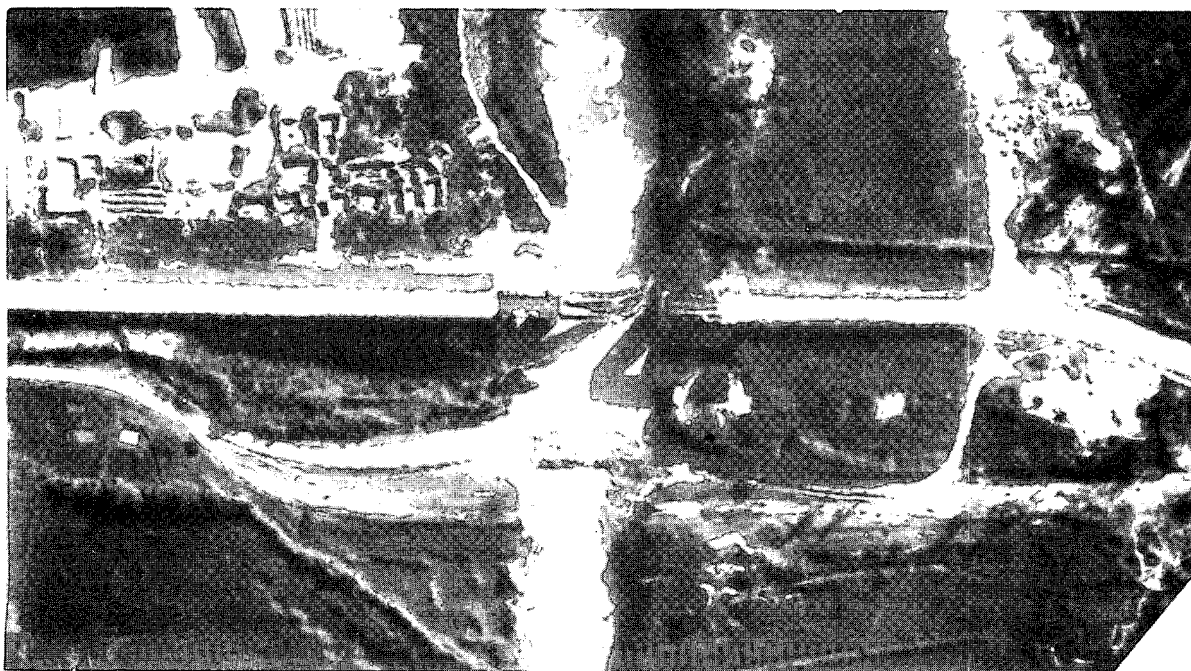
25X1	LENGTH	160' approx.	MATERIAL	Steel and concrete
	WIDTH		NO. OF SPANS	3
	TYPE	Half-through truss	LENGTH OF EACH SPAN	2 spans 40' each (approx.) 1 span 80' (approx.)

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	COUNTRY	COORDINATES
Vinh Tuy Hwy. Bridge Bridge No. 2 on NF 48-6	North Vietnam	22 16N 104 53E VK 895 625
25X1 <input type="text"/>		BRIEF NO: PIB 65169 November 1965
MAP	AMS L509 NF 48-6	

LOCATION: 0.1 nm E. of Vinh Tuy on Route 2

DESCRIPTION:

LENGTH 300' approx.

WIDTH

TYPE Deck

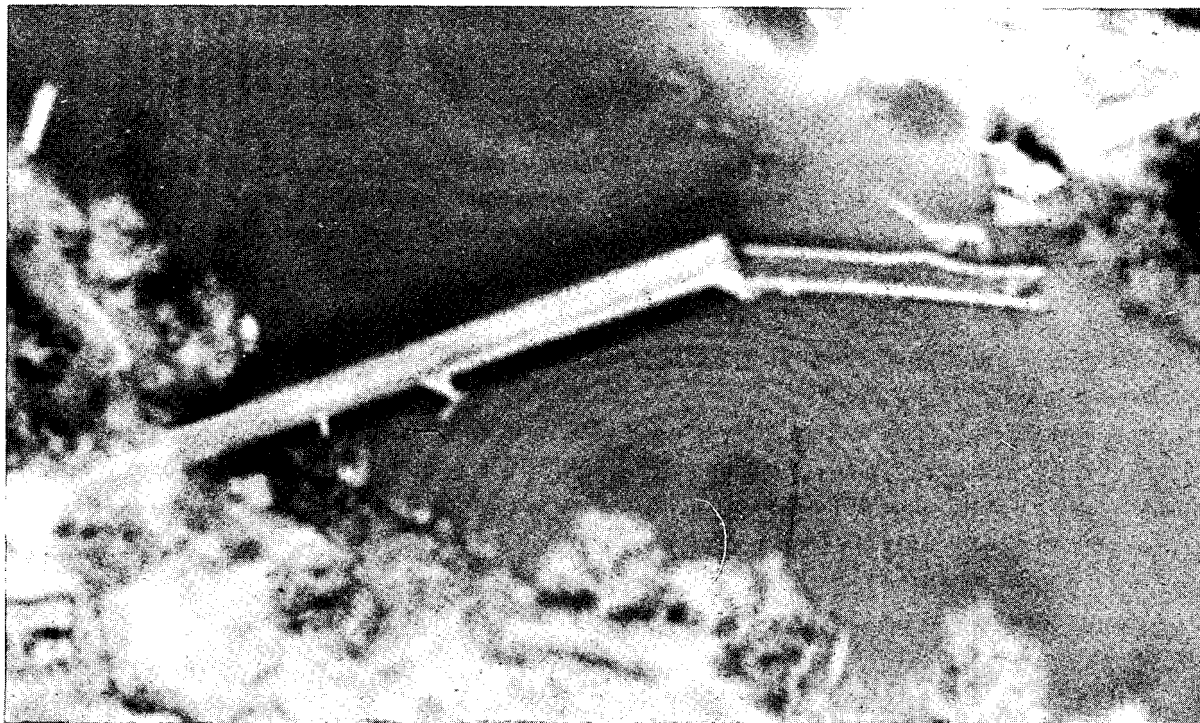
MATERIAL Timber, Concrete and steel

NO. OF SPANS 4

LENGTH OF EACH SPAN 80', 100', 95', 25'

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

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Cho Moi Hwy. Bridge Bridge No. 1 on NF 48-11	North Vietnam	21 53N - 105 46E WK 802 198
MAP AMS 1,509 NF 48-11		BRIEF NO: PIB 65170 November 1965

25X1

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

DESCRIPTION:

LENGTH	100' approx.	MATERIAL	Probably steel and concrete
WIDTH	10' approx.	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	50' approx.

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

COMPENSATIVE ACTION: None



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NAME Tien Lang Hwy. Bridge Bridge No. 29 on NE 48-11	COUNTRY North Vietnam	COORDINATES 17 47N - 106 18E XE 383 668
25X1 MAP AMS L509 NE 48-11		BRIEF NO: PIB 65171 November 1965

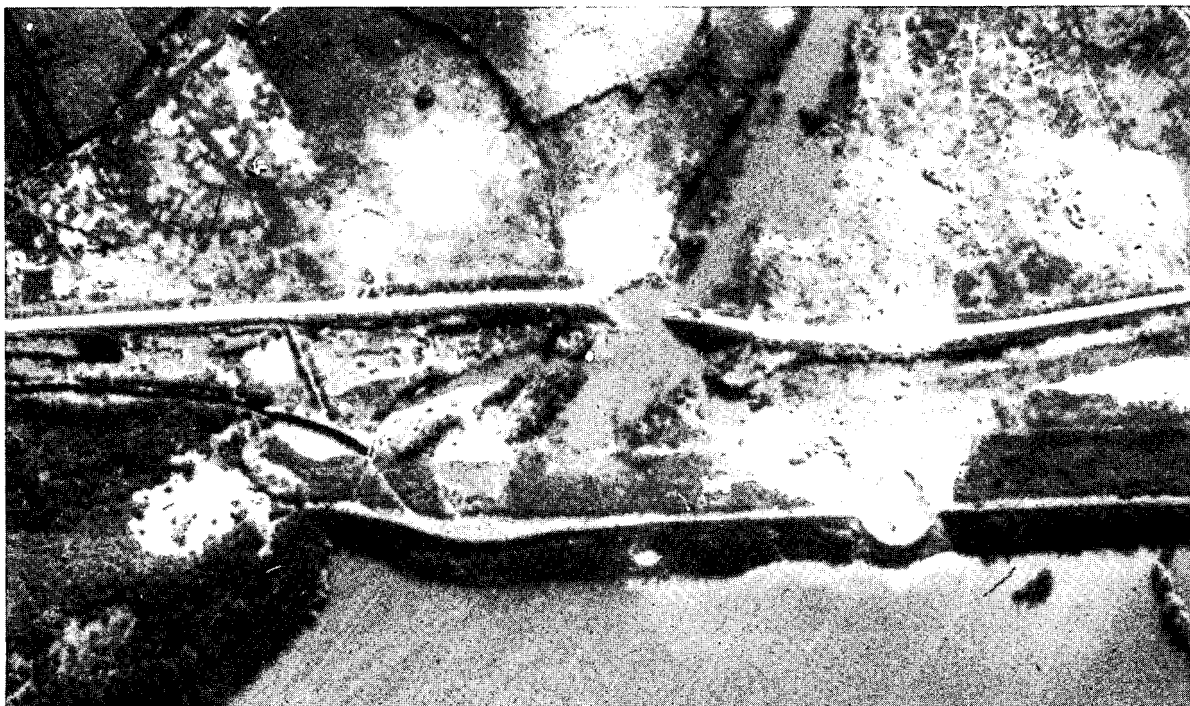
LOCATION: 0.6 nm N.W. of Tien Lang on Route 101

DESCRIPTION:

LENGTH	70' approx.	MATERIAL	Concrete
WIDTH	10' approx.	NO. OF SPANS	probably 2
TYPE	Deck	LENGTH OF EACH SPAN	35' approx.

STATUS: 1 span destroyed, 1 span dropped. 1 abutment destroyed.

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME		COUNTRY	COORDINATES
Ban Pa Ang Hwy. Bridge Bridge No. 16 on NF 48-9		North Vietnam	21 34N - 103 16E UJ 205 855
25X1	[REDACTED]		BRIEF NO: PIB 65172 November 1965
MAP		AMS L509	NF 48-9

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

DESCRIPTION:

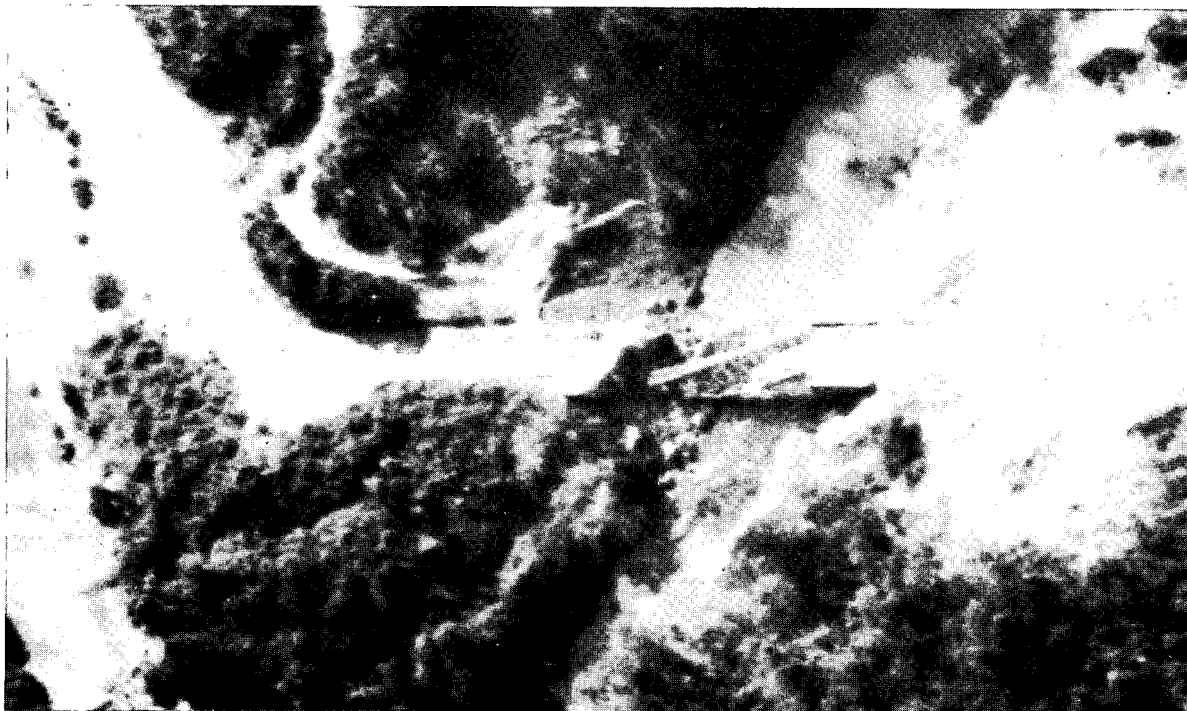
25X1	LENGTH	70' approx.	MATERIAL	Steel and concrete
	WIDTH	[REDACTED]	NO. OF SPANS	1
	TYPE	Half-through truss	LENGTH OF EACH SPAN	70' approx.

STATUS:

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

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Ban Tao Hwy. Bridge Bridge No. 5 on NF 48-9	North Vietnam	21 30N - 103 07E UJ 065 796
25X1 		BRIEF NO: PIB 65173 November 1965
MAP	AMS L509 NF 48-9	

LOCATION: 0.6 nm N.E. of Ban Tao on Route 19

DESCRIPTION:

LENGTH	40' approx.	MATERIAL	Concrete and steel
WIDTH		NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

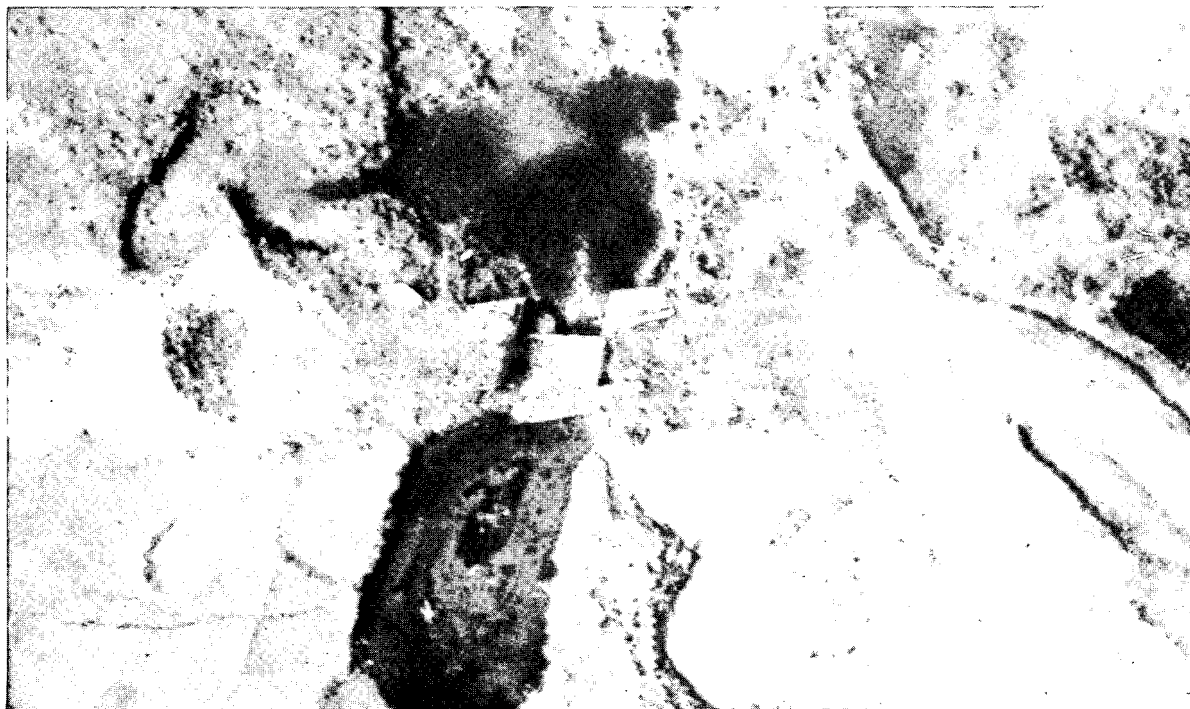
25X1

STATUS:

One span dropped. Both abutments are intact.

COMPENSATIVE ACTION:

None



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25X1

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

LOCATION: 0.6 nm S. of Ban Poun Co on Route 19

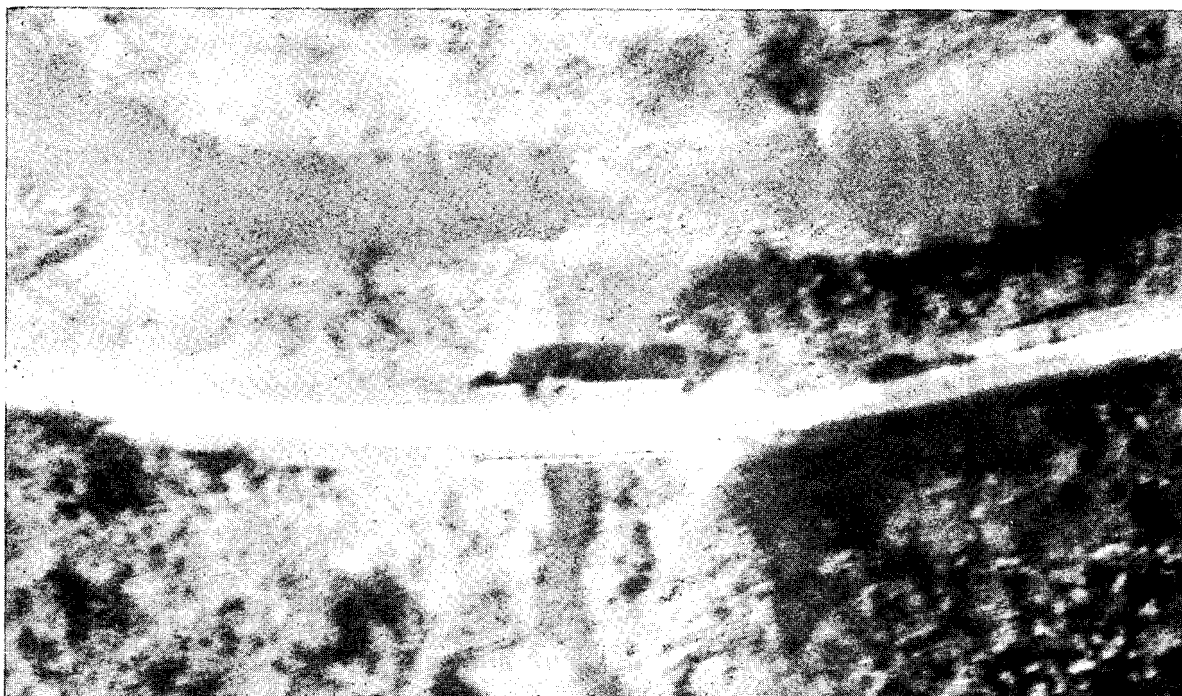
DESCRIPTION:

LENGTH	60' approx.	MATERIAL	Concrete and timber
WIDTH	20' approx.	NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	60' approx.

STATUS:

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

COMPENSATIVE ACTION: None



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NAME	COUNTRY	COORDINATES
Tran Xa Hwy. Bridge Bridge No. 23 on NE 48-12	North Vietnam	17 21N - 106 38E XE 733 188
MAP		BRIEF NO:
AMS L509	NE 48-12	PIB 65175 November 1965

25X1

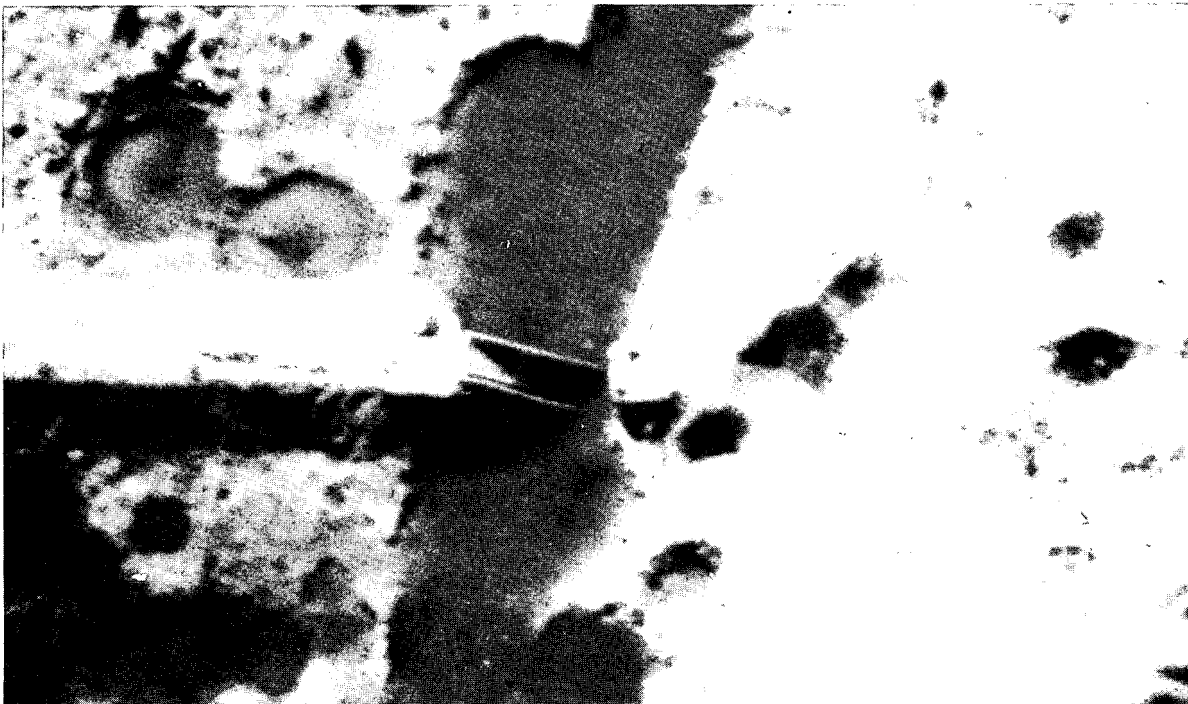
LOCATION: 0.7 nm W. of Tran Xa on Route 101 (Formerly a R.R. Bridge)

DESCRIPTION:

LENGTH	40' approx.	MATERIAL	Steel and Concrete
WIDTH	10' approx.	NO. OF SPANS	1
TYPE	Half-through truss	LENGTH OF EACH SPAN	40' approx.

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

25X1

LOCATION: 0.5 nm E. of Kiem Tam on Route #1

DESCRIPTION:

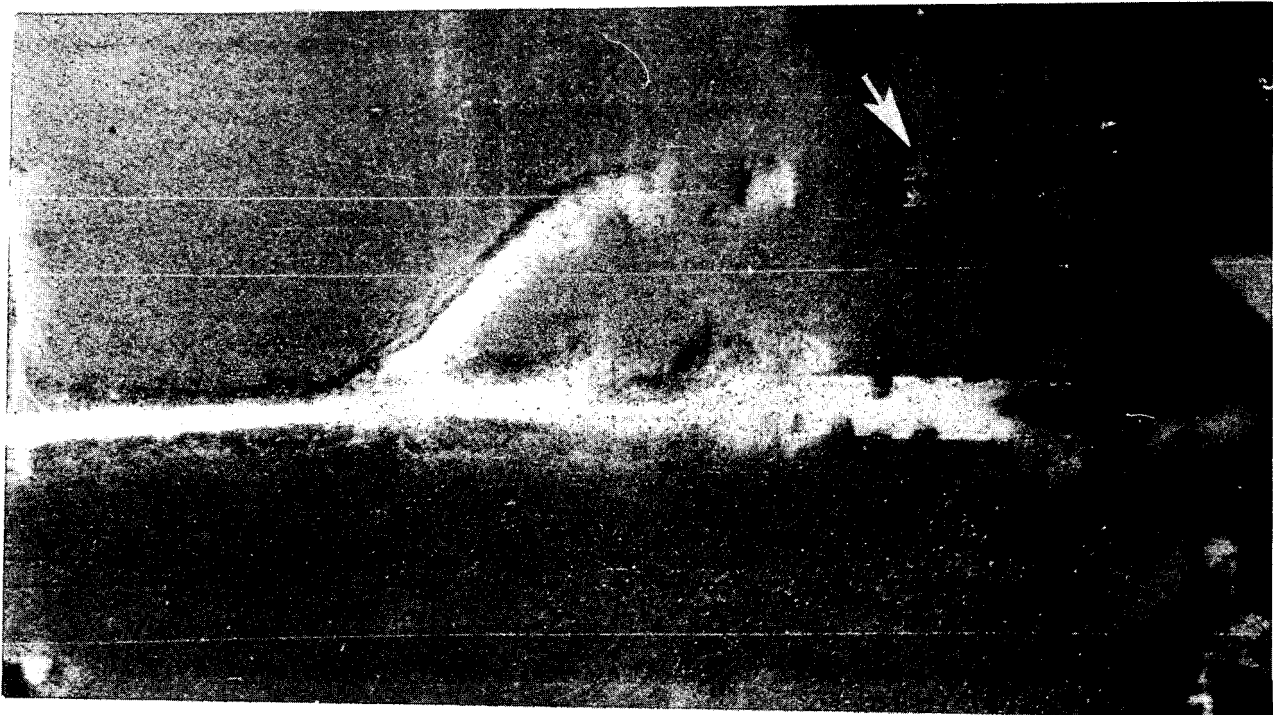
LENGTH	100' approx.	MATERIAL	Wood
WIDTH	10' approx.	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	50' approx.

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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25X1

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

LOCATION: 0.5 nm E. of Kiem Tam on Route #1A

DESCRIPTION:

LENGTH	90' approx.	MATERIAL	Concrete and steel
WIDTH	20' approx.	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	45' approx.

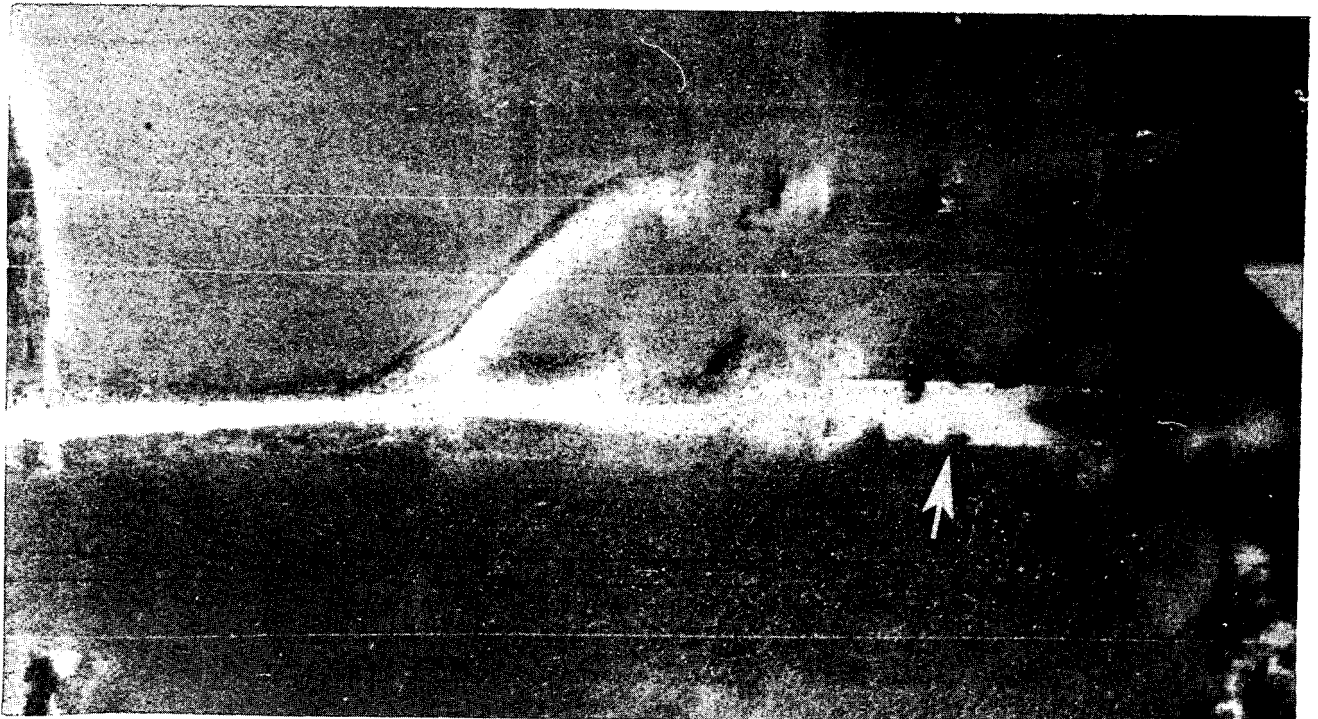
STATUS:

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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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Nguu Son Hwy. Bridge Bridge No. 28 on NE 48-11	North Vietnam	17 57N - 106 29E XE 561 861
25X1 [REDACTED]		BRIEF NO: PIB 65178
MAP AMS 1509 NE 48-11		November 1965

LOCATION: 1.1 nm S.W. of Nguu Son on Route 1A

DESCRIPTION:

25X1

LENGTH [REDACTED]
WIDTH [REDACTED]
TYPE Deck

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

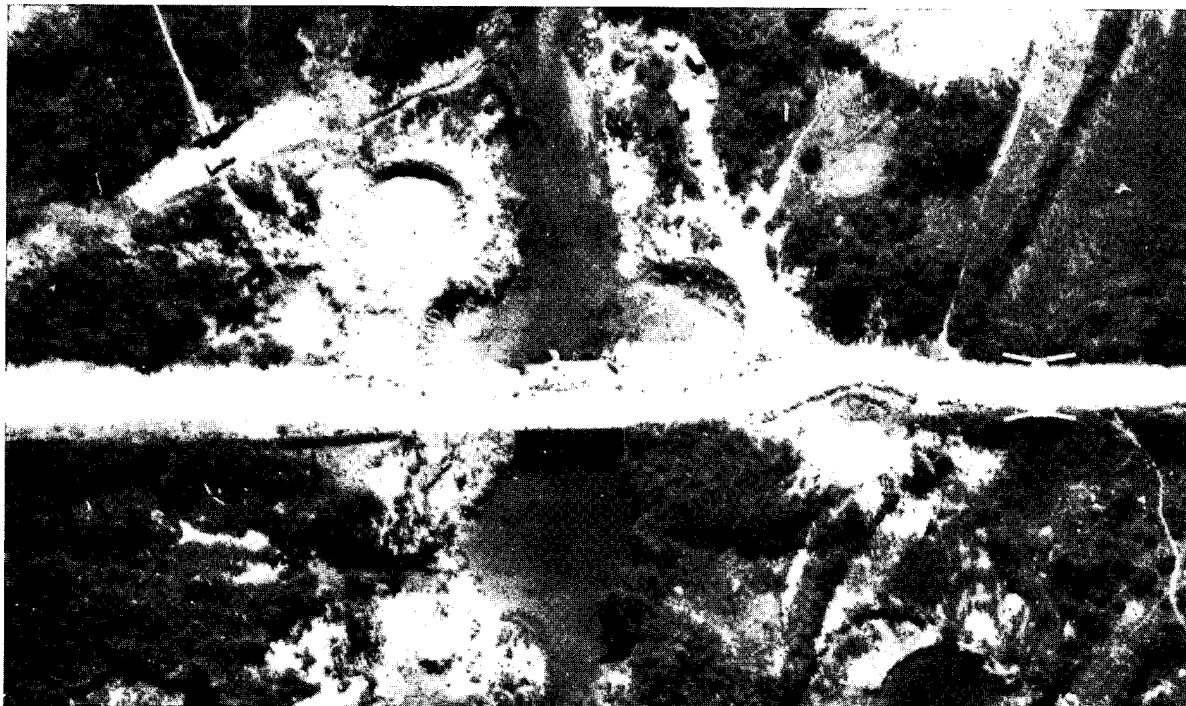
25X1

STATUS:

Slight damage to entire bridge. Bridge is serviceable.

COMPENSATIVE ACTION:

None



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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: PIB 65179 November 1965
MAP AMS L509 NF 48-10		

LOCATION: At Muong La on Route 601

DESCRIPTION:

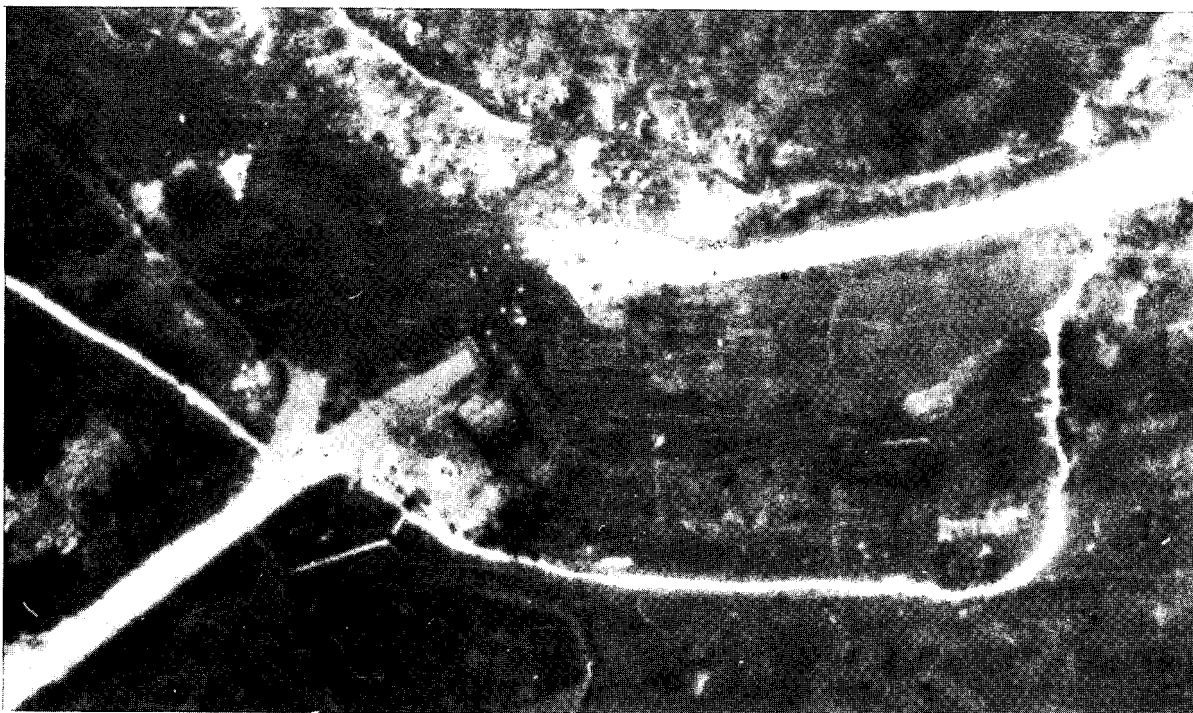
LENGTH	35' approx.	MATERIAL	Wood probably
WIDTH		NO. OF SPANS	1
TYPE	Deck	LENGTH OF EACH SPAN	35' approx.

STATUS:

Completely destroyed.

COMPENSATIVE ACTION:

Near-by foot bridge and adjacent ford.



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NAME	COUNTRY	COORDINATES
Dia Dong Hwy. Bridge Bridge No. 26 on NE 48-7	North Vietnam	18 06N - 106 16E XF 350 020
25X1 <input type="text"/>		BRIEF NO: PIB 65180 November 1965
MAP <u>AMS L 509</u> <u>NE 48-7</u>		

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

DESCRIPTION:

LENGTH 120'

WIDTH

TYPE Deck

MATERIAL Concrete

NO. OF SPANS 3

LENGTH OF EACH SPAN 40'

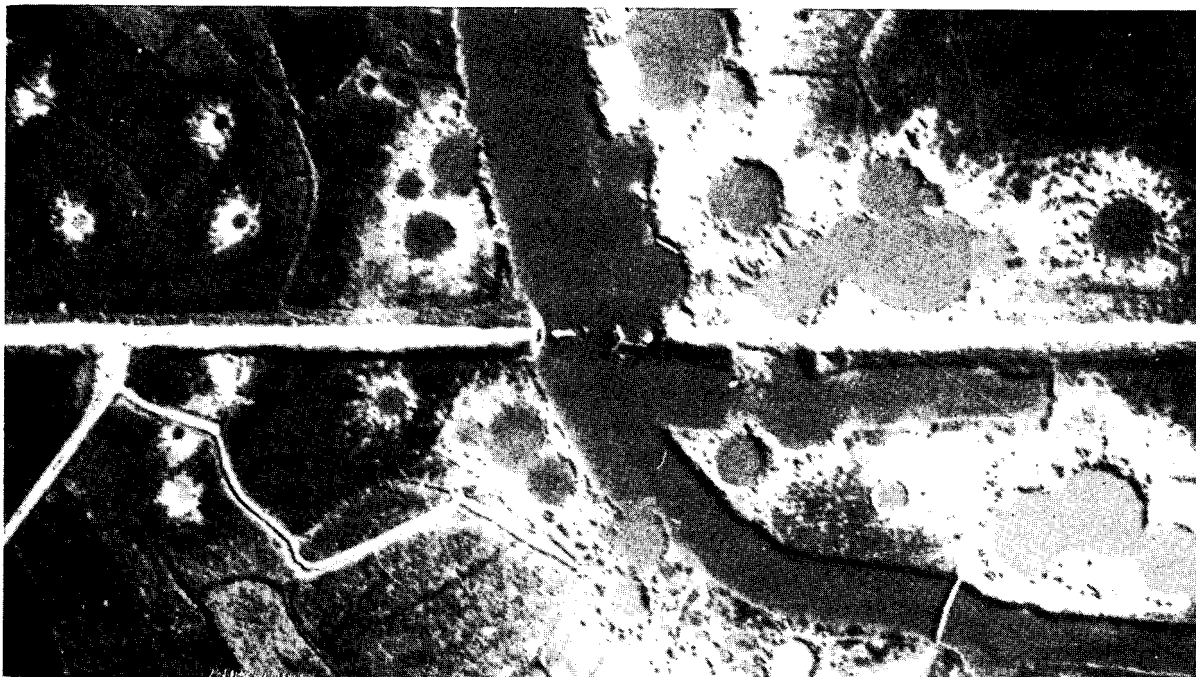
STATUS:

3 spans destroyed, 2 piers damaged

COMPENSATIVE ACTION:

None

25X1



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25X1

NAME Ngoc Luy Hwy. Bridge Bridge No. 27 on NE 48-7		COUNTRY North Vietnam	COORDINATES 18 21N - 105 52E WF 922 303
MAP AMS L509 NE 48-7			BRIEF NO: PIB 65181 November 1965

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

DESCRIPTION:

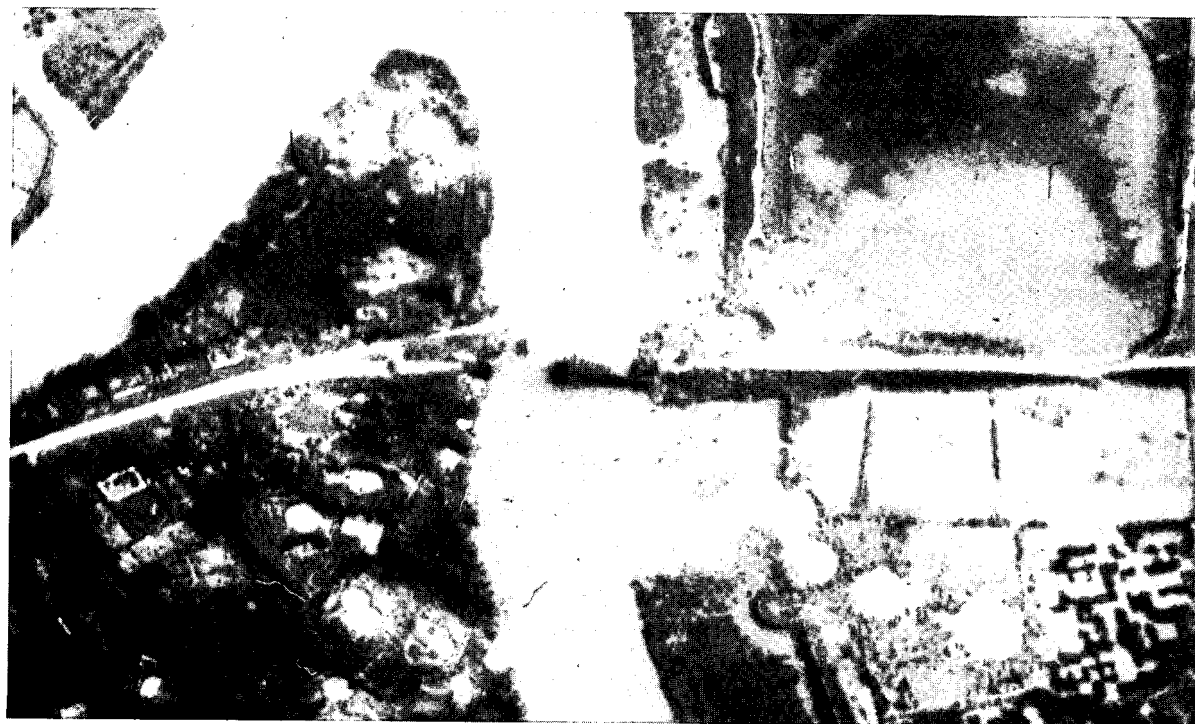
25X1

LENGTH	80' approx.	MATERIAL	Wood
WIDTH	<input type="text"/>	NO. OF SPANS	4
TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

STATUS: Completely destroyed

COMPENSATIVE ACTION: Ford

25X1



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25X1

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

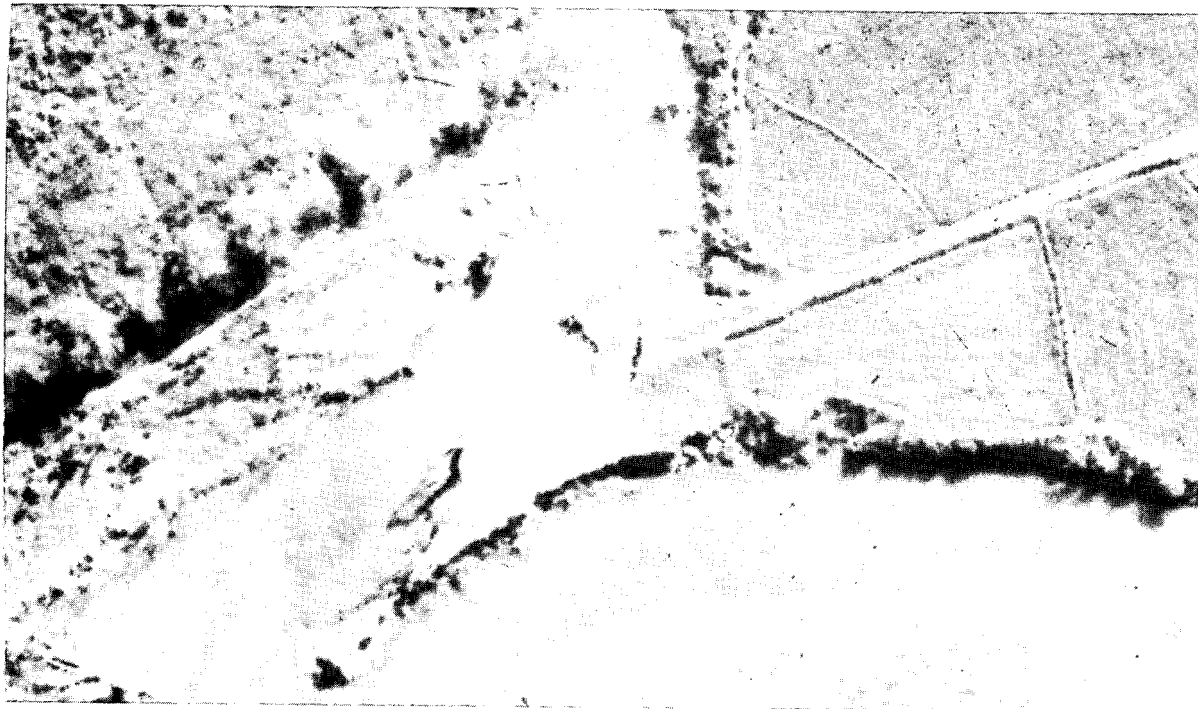
LOCATION: 0.2 nm E. of B. Sop Cop on an unnumbered route

DESCRIPTION:

LENGTH	50' approx.	MATERIAL	Wood
WIDTH	undetermined	NO. OF SPANS	undetermined
TYPE	undetermined	LENGTH OF EACH SPAN	undetermined

STATUS: Destroyed

COMPENSATIVE ACTION: None apparent



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25X1

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

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

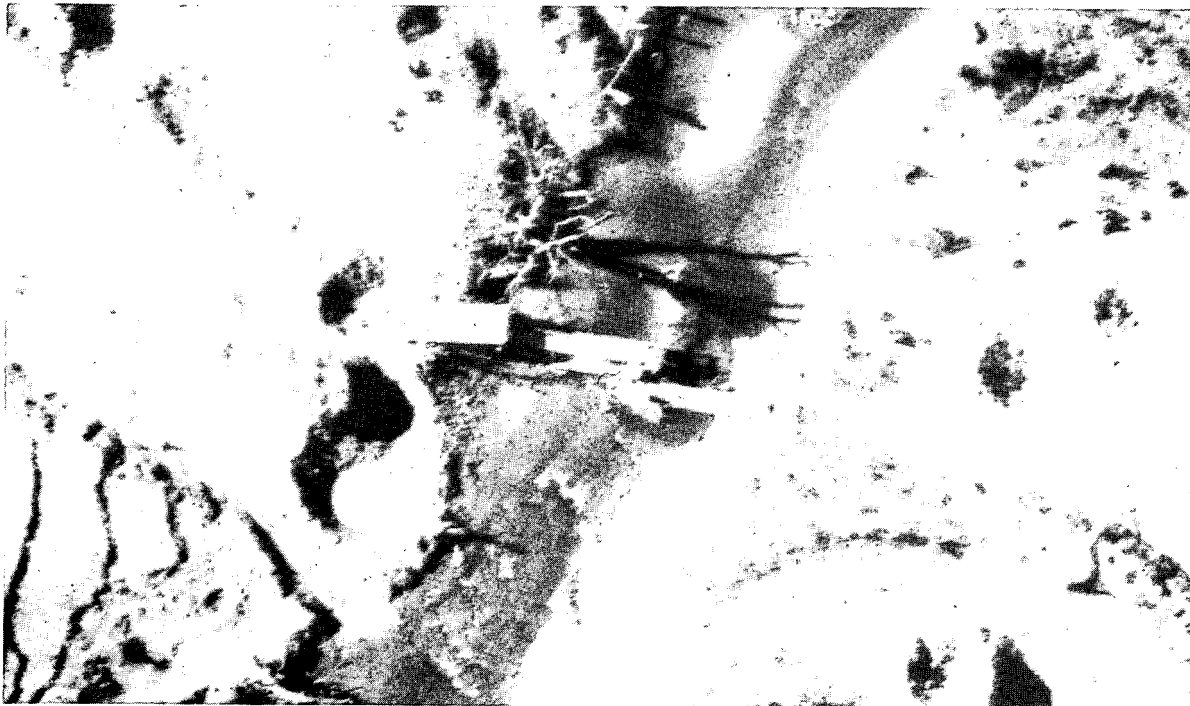
DESCRIPTION:

LENGTH	150' approx.	MATERIAL	Concrete
WIDTH	10' approx.	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	3-50'

STATUS: 2 spans heavily damaged, 1 abutment destroyed

COMPENSATIVE ACTION: Ford

25X1



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25X1

NAME	COUNTRY	COORDINATES
Qui Chau Hwy. Bridge Bridge No. 29 on NE 48-3	North Vietnam	19 34N - 105 04E WG 075 642
MAP AMS L509 NE 48-3-29		BRIEF NO: PIB 65184 November 1965

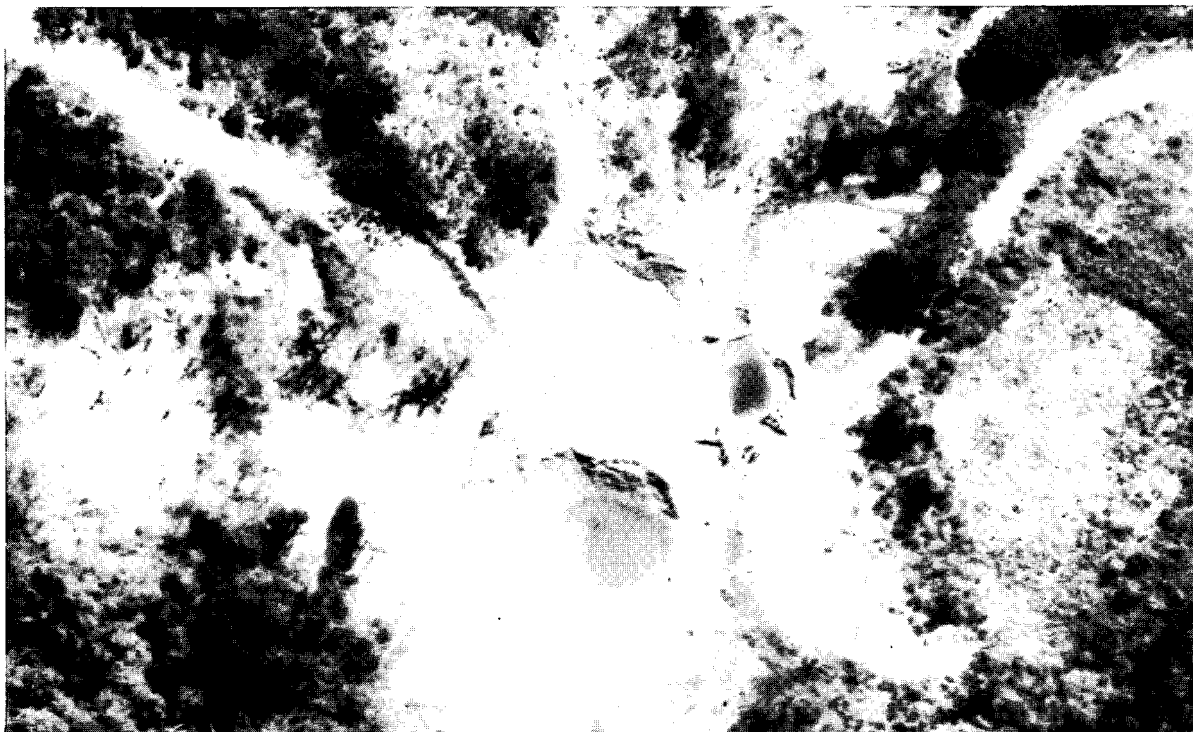
LOCATION: 2.0 nm N.W. of Qui Chau on Route #116

DESCRIPTION:

LENGTH	70' approx.	MATERIAL	Timber
WIDTH	unknown	NO. OF SPANS	2 probably
TYPE	Deck	LENGTH OF EACH SPAN	35' approx.

STATUS: Completely destroyed.

COMPENSATIVE ACTION: None



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25X1

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

LOCATION: 0.8 nm W. of Ban Bung on Route 19

DESCRIPTION:

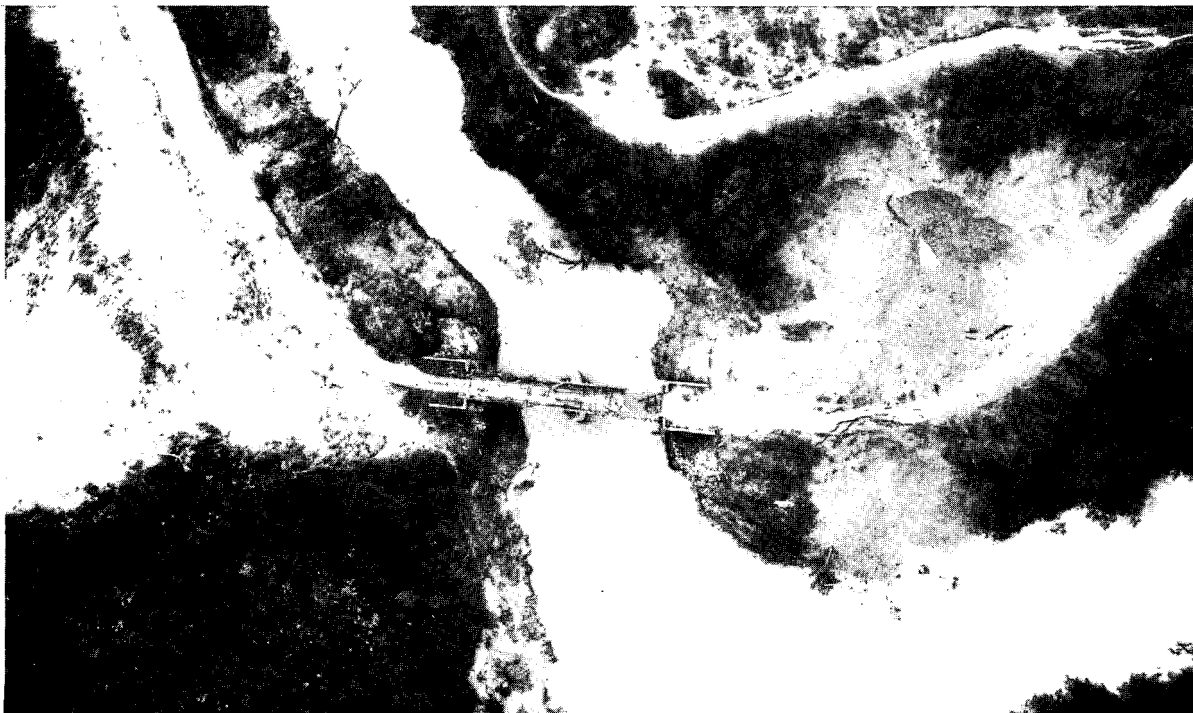
25X1

LENGTH	90' approx.	MATERIAL	Wood and concrete
WIDTH	<input type="text"/>	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	45'

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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25X1

NAME	COUNTRY	COORDINATES
Nhi Thyen Hwy. Bridge Bridge No. 18 on NE 48-12	North Vietnam	17 25N - 106 36E XE 702 268
MAP AMS L509 NE 48-12		BRIEF NO: PIB 65186 November 1965

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

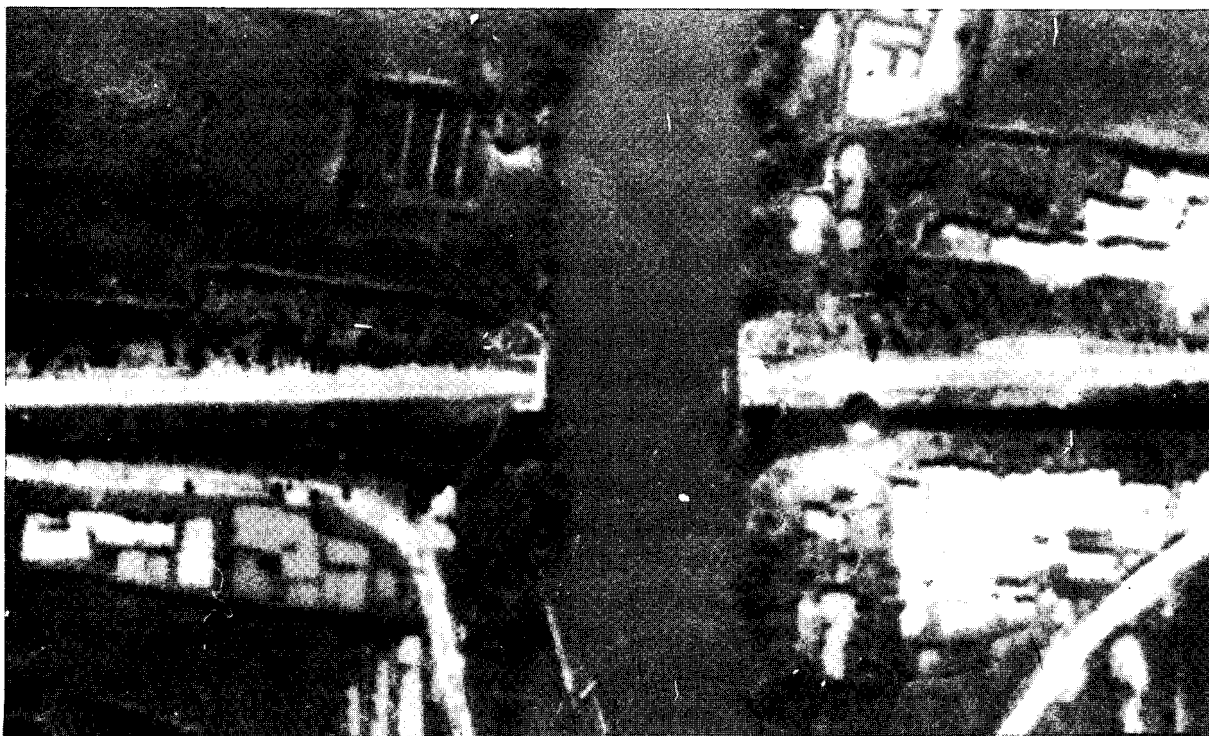
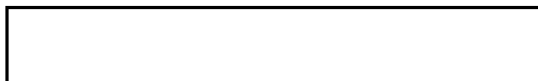
DESCRIPTION:

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

STATUS: Span completely destroyed, abutments intact.

COMPENSATIVE ACTION: Ford 300' east.

25X1



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NAME Son Chan Hwy. Bridge Bridge No. 31 on NE 48-3		COUNTRY North Vietnam	COORDINATES 19 19N - 105 43E WG 758 370
MAP AMS T509 NE 48-3		BRIEF NO: PIB 65187 November 1965	

25X1

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

DESCRIPTION:

25X1

LENGTH
WIDTH
TYPE

Deck

MATERIAL Concrete
NO. OF SPANS 6
LENGTH OF EACH SPAN

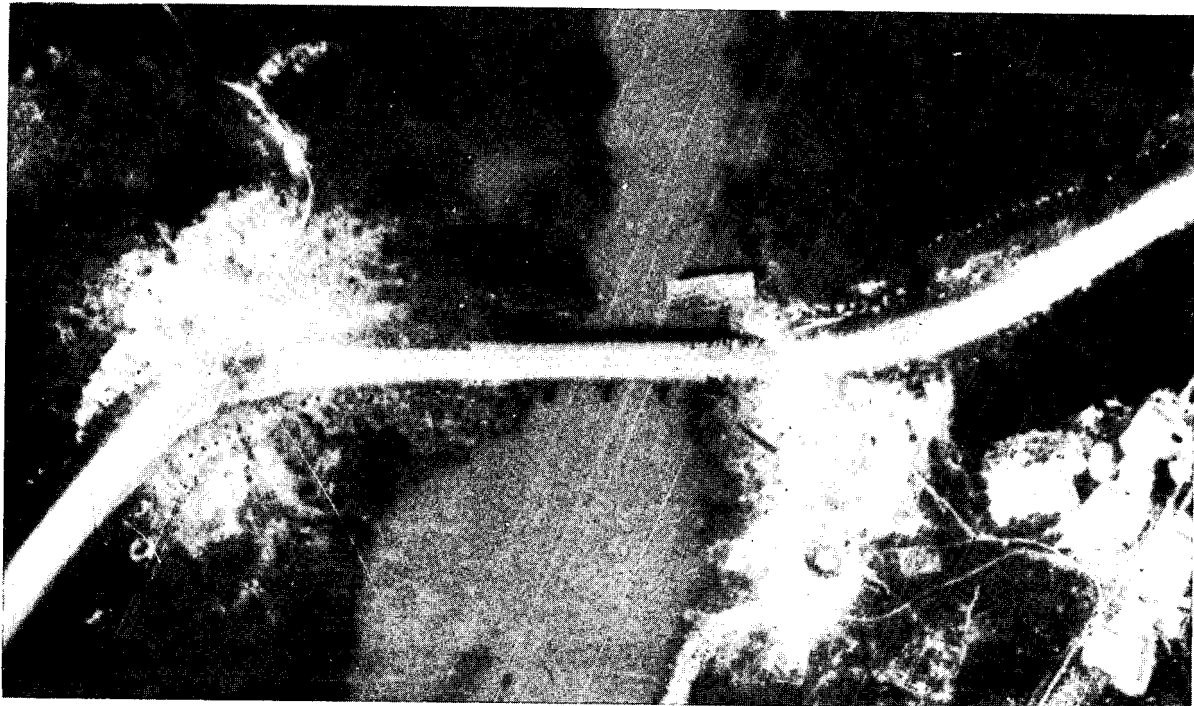
25X1

STATUS:

2 spans dropped, 1 abutment damaged, 1 pier destroyed.

COMPENSATIVE ACTION:

Bridge has been repaired.



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25X1

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

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

DESCRIPTION:

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

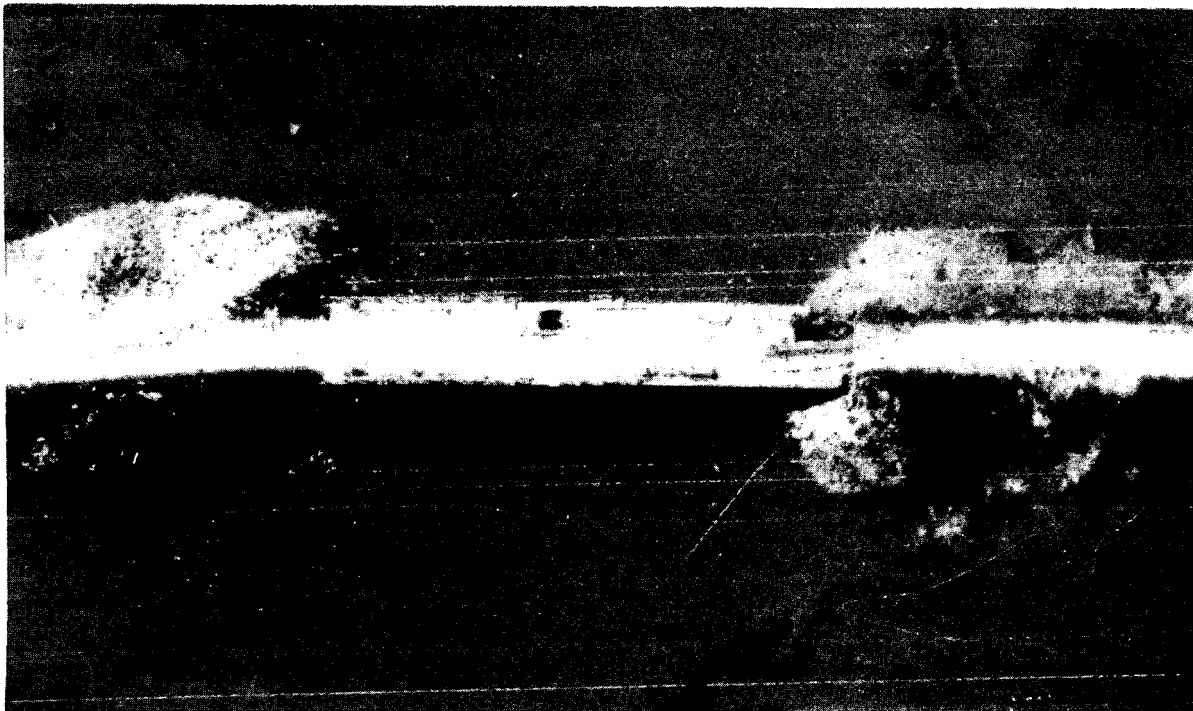
MATERIAL Timber and concrete
NO. OF SPANS 4
LENGTH OF EACH SPAN 20' approx.

STATUS:

Minor deck damage.

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Xom Khe Hwy. Bridge Bridge No. 11 on NE 48-11	North Vietnam	17 59N - 105 56E WE 988 877
25X1 		BRIEF NO: PIB 65189
MAP AMS L509 NE 48-11		November 1965

LOCATION: 0.2 nm N. of Xom Khe on an unnumbered highway (abandoned Vinh-Dong Hoi rail line)

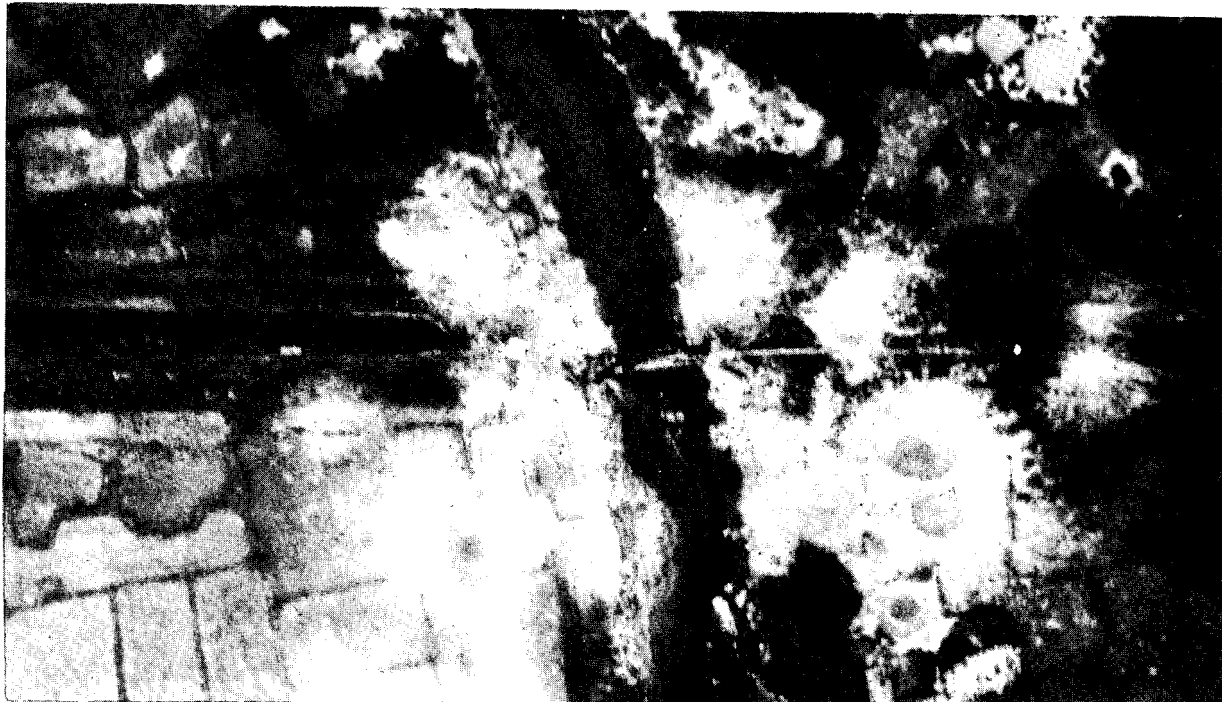
DESCRIPTION:

25X1
 LENGTH 200' approx.
 WIDTH
 TYPE Deck

MATERIAL Steel with concrete abutments
 NO. OF SPANS 3 probably
 LENGTH OF EACH SPAN 2-30' approx.
 1-140' approx.

STATUS: One 30' span is destroyed and the 140' span is severely damaged.
 One concrete pier destroyed.

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

25X1

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
MAP AMS 1509 NE 48-7		BRIEF NO: PIB 65190 November 1965

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

DESCRIPTION:

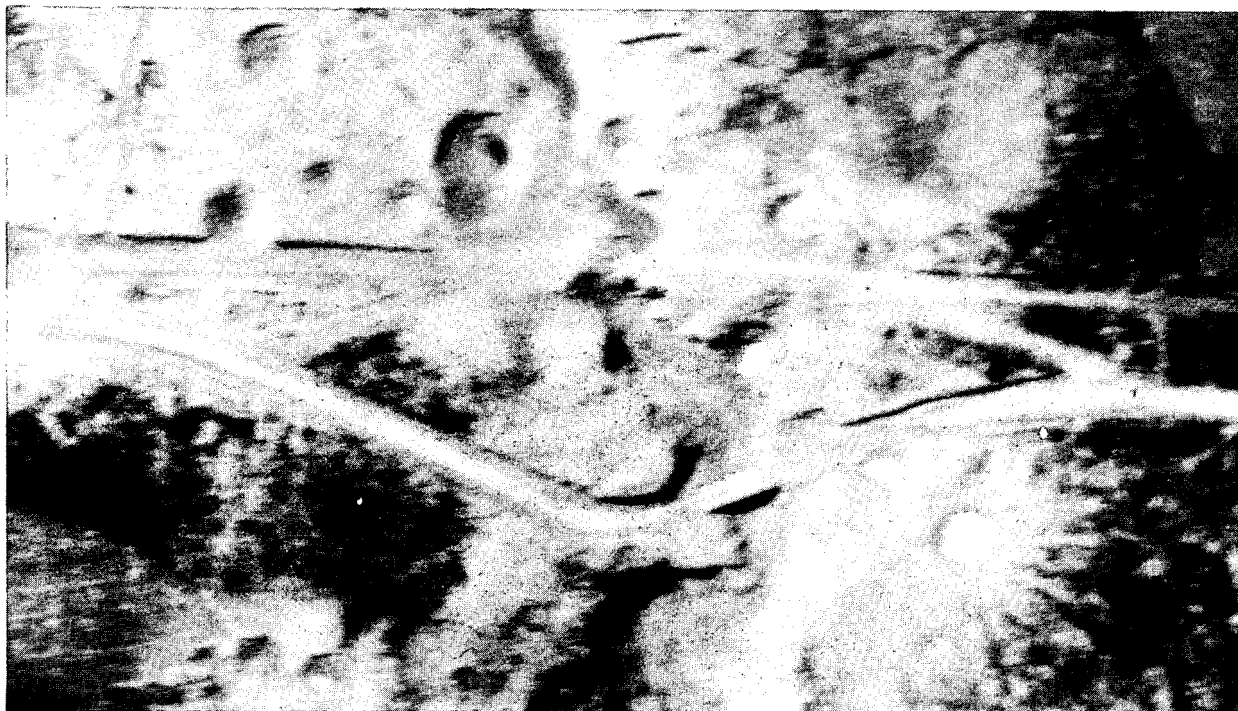
LENGTH	Undetermined	MATERIAL	Steel, concrete probable
WIDTH	Undetermined	NO. OF SPANS	Undetermined
TYPE	Probable Deck	LENGTH OF EACH SPAN	Undetermined

STATUS:

Destroyed

COMPENSATIVE ACTION:

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



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CIA IMAGERY ANALYSIS DIVISION

NAME Tu Dung Hwy. Bridge Bridge No. 14 on NE 48-7	COUNTRY North Vietnam	COORDINATES 18 12N - 106 07E XF 180 139
MAP AMS L509 NE 48-7		BRIEF NO: PTB 65191 November 1965

25X1

LOCATION: 0.7 nm N. of Tu Dung on Route #1A

DESCRIPTION:

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

25X1

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

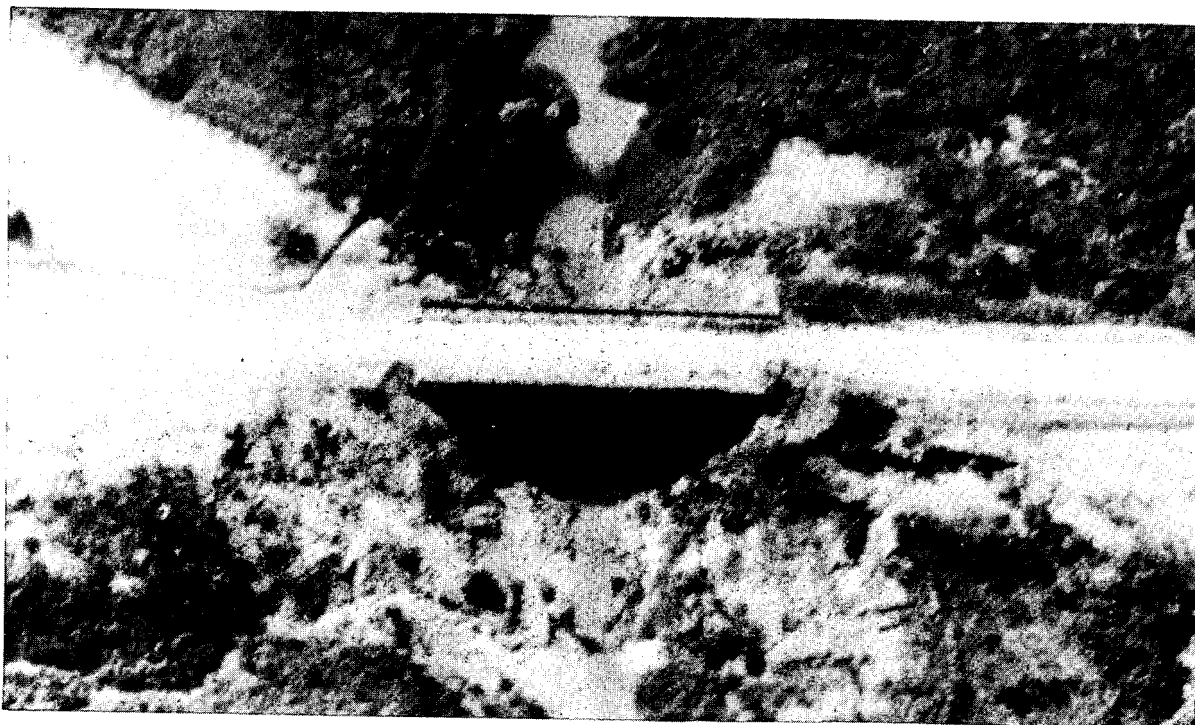
LOCATION: 0.5 nm N.W. of Ben Quang on Route 102

DESCRIPTION:

LENGTH	100' approx.	MATERIAL	Steel
WIDTH	15' approx.	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	50' approx.

STATUS: Slight damage at both ends. Bridge serviceable.

COMPENSATIVE ACTION: None



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CIA IMAGERY ANALYSIS DIVISION

NAME	COUNTRY	COORDINATES
Badon Hwy. Bridge Bridge No. 26 on NE 48-11	North Vietnam	17 45N - 106 25E XE 505 636
MAP AMS 1509 NE 48-11		BRIEF NO: PIB 65193 November 1965

25X1

LOCATION: 0.5 nm W. of Badon on Route 110

DESCRIPTION:

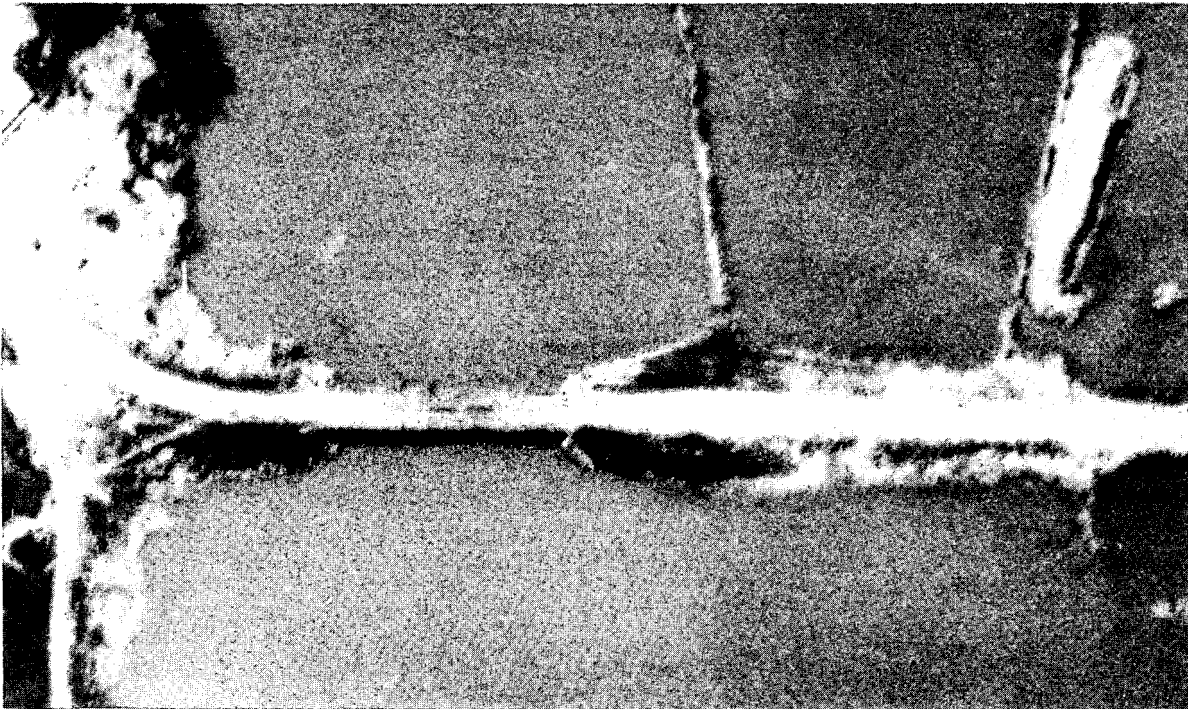
LENGTH	60' approx.	MATERIAL	Timber
WIDTH	10' approx.	NO. OF SPANS	3
TYPE	Deck	LENGTH OF EACH SPAN	20' approx.

STATUS:

Deck damage to center span.

COMPENSATIVE ACTION:

None



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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
MAP AMS I,509 NE 48-7		BRIEF NO: PIB 65194 November 1965

25X1

LOCATION: 0.5 nm N. of Xom Hang on Route 1A

DESCRIPTION:

LENGTH	60'	MATERIAL	Concrete and steel
WIDTH	10'	NO. OF SPANS	2
TYPE	Deck	LENGTH OF EACH SPAN	30'

STATUS:

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

COMPENSATIVE ACTION:

Ford



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CIA IMAGERY ANALYSIS DIVISION

25X1

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

LOCATION: 0.5 nm S. of Hung Long on an unnumbered Route

DESCRIPTION:

25X1

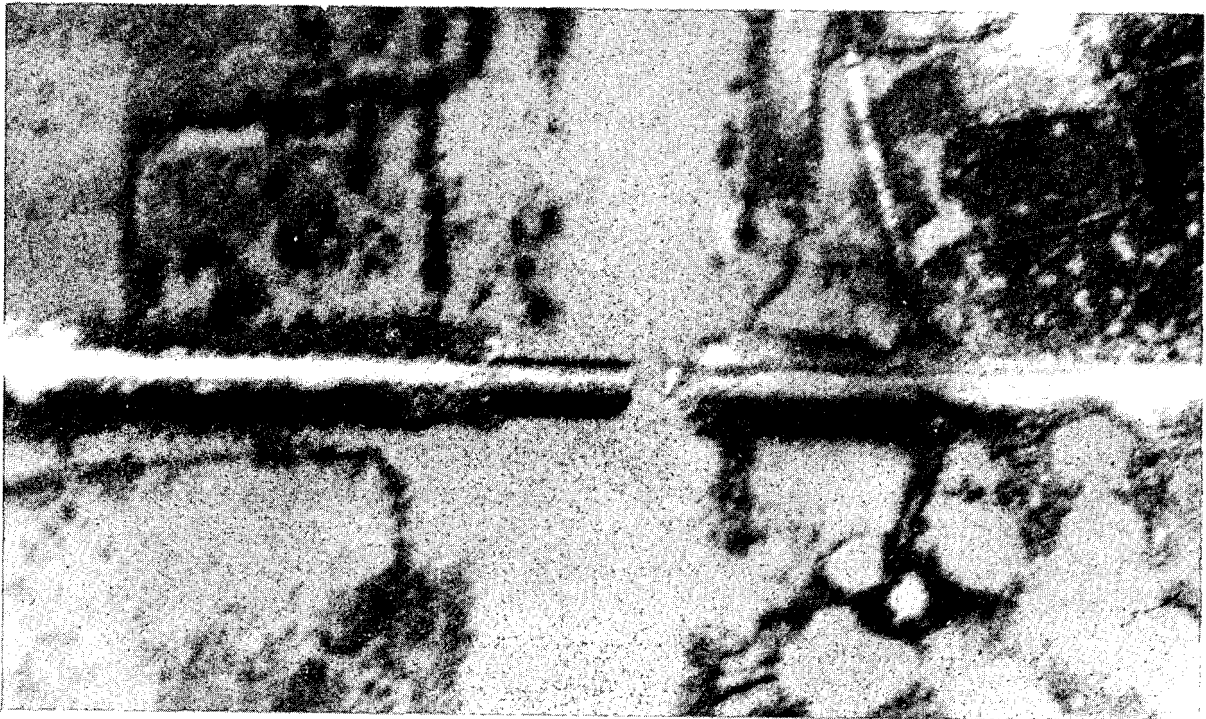
LENGTH	100'	MATERIAL	Probably steel reinforced concrete
WIDTH	<input type="text"/>	NO. OF SPANS	probably 2
TYPE	Deck	LENGTH OF EACH SPAN	50'

STATUS:

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

COMPENSATIVE ACTION:

None



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CIA IMAGERY ANALYSIS DIVISION

25X1

NAME	COUNTRY	COORDINATES
Ninh Xa Hwy. Bridge Bridge No. 59 on NE 48-7	North Vietnam	18 30N - 105 43E WF 768 460
MAP AMS L509 NE 48-7		BRIEF NO: PIB 65196 November 1965

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

DESCRIPTION:

25X1

LENGTH	90'	MATERIAL	Concrete
WIDTH	<input type="text"/>	NO. OF SPANS	2 probably
TYPE	Deck	LENGTH OF EACH SPAN	45'

STATUS:

Bridge and abutments completely destroyed.

COMPENSATIVE ACTION:

Probable ford.



[REDACTED]

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25X1

NAME	COUNTRY	COORDINATES
Thien Linh Dong Hwy. Bridge Bridge No. 32 on NE 48-3	North Vietnam	19 43N - 105 42E WG 748 809
[REDACTED]		BRIEF NO: PIB 65197 November 1965
MAP	AMS L509 NE 48-3	

LOCATION: 0.5 nm W. of Thien Linh Dong on an unnumbered route

DESCRIPTION:

25X1

LENGTH [REDACTED]
WIDTH 10' approx.
TYPE Deck

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

25X1

STATUS:

Two spans and one wooden pier heavily damaged. Bridge impassible to vehicles.

COMPENSATIVE ACTION:

Spans are being repaired.



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