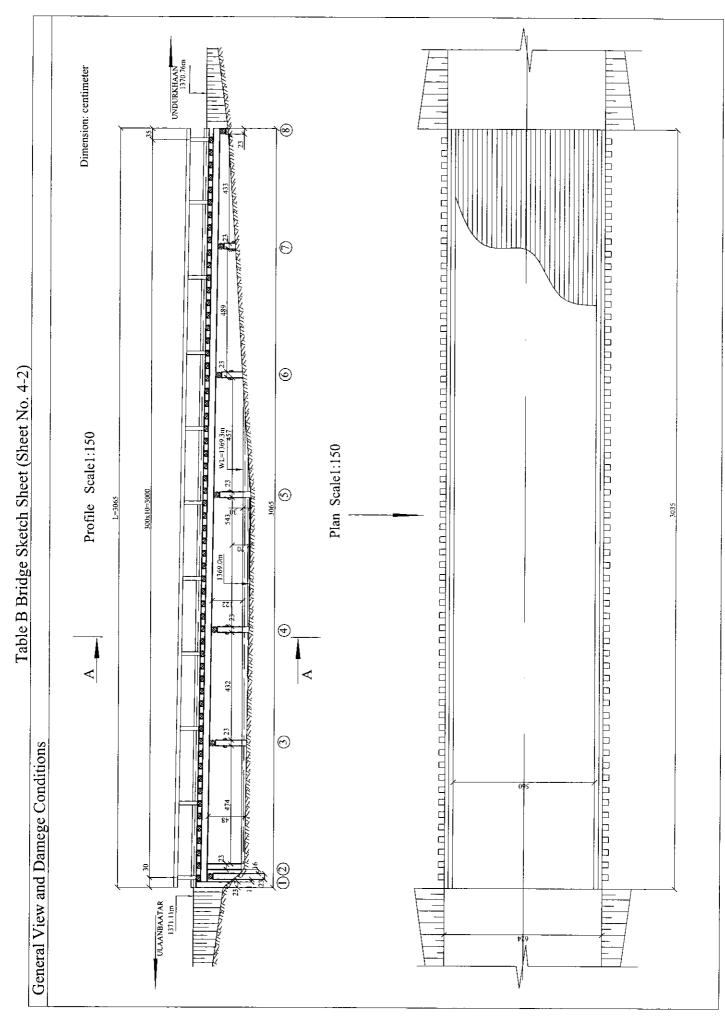
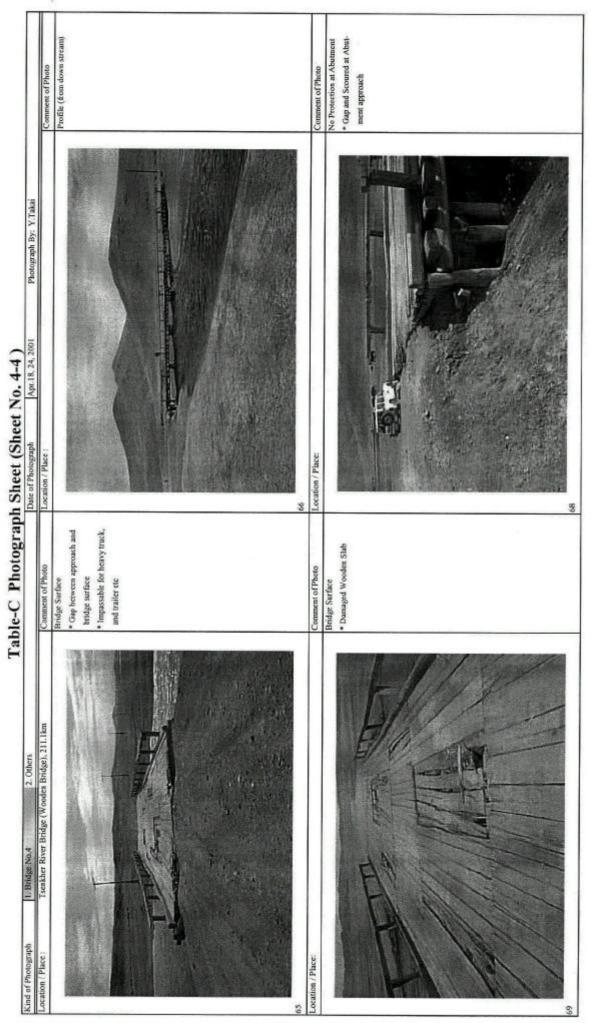


Table-A Bridge Inventory Sheet (Sheet No. 4-1)

Г	Bridge No.4 (Tsenkher River)	her River)	Crossing River/Road	-	*River (Tscakher)		rate of Inspection	Date of Inspection   Apr 18:24, 2001	Inspection hy	V Takai B Enkhtaivan			
			0						(0.00000		101		
211.1km			Construction by	Mongoloian/Russian		<u>α</u>	Date of Construction	on 1962	Maintenance by				
Superstructure	ıre	Wooden deck slab, wooden beam	ooden beam		Design Loading		Russian Standard, H-18	H-18	Load limitation	°Z.	*Yes		_
Substructure		Abutment	wooden pile, wooden board		Design Standard		BS AASHTO	*RUSSIA	OTHERS(	(			_
		Pier	wooden pile		Skew of Bridge		*Square	Skew	Curve (deg.R=	(			_
		30.7ш Ѕрал	Span	6@5.0m	Condition of Crossing		Road	Width	m Clearance m	Skew deg.			_
Overall		5.9т	Сатіаде: 5.6m	Pedestrian		<u> </u> F	*River	Width of River	Depth	Free Board	Design Quantity (1/50)	:	_
Kind			Number					30m	0.3m	1.2m		300 m3/sec	
	356	i	Veh./day Ratio of Heavy Veh.	4.8% (17)	Others								_
Pavement	ent	Deck Slab	Main Beam	Painting	Expansion Joint		Bearing	Drainage	Railing	Curb	Affixed Articles		_
Substructure	ıcture				Substructure			-					_
		Conditions Of Damage	Damage		Rating	Сотролен		Conditions of Damage	Damage			Rating	m
Good	, Wave , Rut	Good , Wave , Rut , Crack , Pothole , Others *(Broken wooden board)	ers *(Broken wooden	ı board)	4	Abutment		d , Crack , Spall , *Def	ornation, Rebar-exp	Good , Crack , Spall , *Deformation , Rebar-exposed , *Broken , *Settlement , *Scouring	ent, *Scouring,	4	1
Good	, Scale , Cracl	Good , Scale , Crack , Spall , Rebar-exposed , Others	ed , Others		4	(Type: Wooden) Abutment		rs 1, Crack, Spall, Defor rs	mation, Rebar-expo	Others Good, Crack, Spall, Deformation, Rebar-exposed, Broken, Settlement, Scouring, Others	Scouring,		
Good	, Scale, Crac.	Good, Scale, Crack, Spall, Rebar-exposed, Others	ed , Others		4	Fier S (Type: Wooden		Good, Crack, Spall, *Defi Others*(Inclined)	птпаtion, Rebar-exp	Good, Crack, Spall, "Deformation, Rebar-exposed, "Broken, "Settlement, Scouring Others" (Inclined)	ent, Scouring,	14	-
Good	, Honeycomb	Good, Honeycombs, Crack, *Deformation, Rebar-exposed, Other *Settlement	on, Rebar-exposed,	Other	4		)	d, Crack, Spall, Defor	mation, Rebar-expo	Good , Crack , Spall , Deformation , Rebar-exposed , Broken , Settlement , Scouring , Others	, Scouring,		_
Good *Sett	., Honeycomb ement	Good, Honeycombs, Crack, *Deformation, Rebar-exposed, Other *Settlement	on, Rebar-exposed,	Other	4	(Type	Good , Others	1, Crack, Spall, Defor	mation, Rebar-expo	Good , Crack , Spall , Deformation , Rebar-exposed , Broken , Settlement , Scouring Others	, Scouring ,		_
Good	, Crack, *De.	Good, Crack, *Deformation, Rebar-exposed, Others	osed, Others		4	(Type	Good ,	1, Crack, Spall, Deforrs	mation, Rebar-expo	Good , Crack , Spall , Deformation , Rebar-exposed , Broken , Settlement , Scouring , Others	, Scouring,		_
Condition	ition					SOUNDINES	SOUNDNESS EVALUATION RATING	RATING			RATING		_
9005	I, Abnormal S	Good, Abnormal Sound, Deformation, Gap, Broken, Others	iap, Broken, Others			<ol> <li>No damage de 2. Damage has b</li> </ol>	etected on the bar reen detected and	No damage defected on the basis of the inspection results.  Damage has been detected and a follow-up survey is required.	ifts. squired.		Super structure	4	
Good	, Abnormal So	Good , Abnormal Sound , Deformation , Gap , Broken , Others	ian . Broken . Others			<ol> <li>There is signif whether repair</li> </ol>	There is significant damage and a detailed survelether repair work is to be carried out or not.	There is significant damage and a detailed survey needs to be carried out to establish whether repair work is to be carried out or not.	s to be carried out to	establish	Sub structure	4	_
						4. There is signif	ficant damage an	There is significant damage and urgent repair is required or the bridge/culvert has to	xd or the bridge/culv	ert has to	(Others)		-
Good	, Clogged Le	Good , Clogged Leakage, Broken , Others				be closed to tr (or to be re-co	be closed to traffic or restriction on vehicle (or to be re-constructed new bridge/culvert)	be closed to traffic or restriction on vehicle weight to be imposed. (or to be re-constructed new bridge/culvert)	e imposed.		None approach wall	4	
<existing bridge<br="" conditions="" of="">See Table-C photograph</existing>	<existing bridge="" conditions="" culvert="" of=""> See Table-C photograph</existing>									<remarks> Mark * : Correspond Defects</remarks>	respond Defects		
										The heavy vehicles are passing the river at p broken deck board and settlement of bridge.	The heavy vehicles are passing the river at present due to broken deck board and settlement of bridge.		
													_



Dimension: centimeter



	of Photo	Pier Pile and Slab (April 24)  * Settled slab , and inclined wooden pier piles	of Photo	Eseakher River Down Stream
	Comment of Photo	Pier Pier and Slab (April 24)  Scritted slab, and wooden pier pile	Comment of Photo	Tsenkhor
Photograph By: Y.Taksii				
Date of Photograph Apr.18, 24, 2001			Location / Place:	
	Comment of Photo Wooden Boson and Pier	earn and Pier	Comment of Photo	River Up Stream
	Commen	(April 13)	Commen	Tsenkher
1. Bridge 2. Others	Tsenkher River Bridge (Wooden Bridge)			
Kind of Photograph	Location / Place :		Location / Place:	

Table-A Bridge Inventory Sheet (Sheet No. 5-1)

Name of Bridge	Bridge No.5 (Munu River)	n River)	Crossing River/Road		*River (Murum)	,	Date of Inspection	Anr 18 24 2001	Inspection by	V Takai B Bakhtairea		
					mur) Dans		out of taspeerion		mspection of	1 . I akai, B.Eukhhalvall		
Km Post	315.1km		Construction by	Mongolia/Russian		<u></u>	Date of Construction	n 1962	Maintenance by			
Type of Bridge	Superstructure	Wooden deck slab, wooden beam	ooden beam		Design Loading		Russian Stantard H-18	-18	Load limitation	No	*Yes	
	Substructure	Abutment	Wooden pile, wooden board		Design Standard		BS AASHTO	*RUSSIA OTH	отнекs(	(		
		Pier	Wooden pile		Skew of Bridge		*Square	Skew	Curve (deg.R=			
Length of Bridge		19.6m Span	Span	5@3.92m	5@3.92m Condition of Crossing		Road	Width	m Clearance m	Skew deg.		
Width of Bridge	Overall	5.9m	Carriage: 5.6m	Pedestrian		1*	*River	Width of River	Depth	Free Board	Design Quantity	
Affixed articles	Kind		Number					20m	0.3m	1.3m	330	m3/sec
Traffic Volume	256		Veh./day Ratio of Heavy Veh. 7.8% (20)		Others		:					
Final Record of Repair	Pavement	Deck Slab	Main Beam	Painting	Expansion Joint		Bearing	Drainage	Railing	Curb	Affixed Articles	
	Substructure											
Component		Conditions Of Damage	Damage		Rating	Component		Conditions of Damage	Damage			Rating
Pavement	Good, Wave, Rut,	Good, Wave, Rut, Crack, Pothole, Others	ıs		4	Abutment	0000	, Crack, Spall, *Defe	rmation, Rebar-expo	Good, Crack, Spall, *Deformation, Rebar-exposed, Broken, *Settlement, *Scouring	, *Scouring,	4
ي (Type: None)						(Type: Wooden)		S			;	
Curb (Type: wooden beam)	Good, Scale, Cracl	Good, Scale, Crack, Spall, Rebar-exposed, Others	d , Others		4	Abutment (Type	Good ,	, Crack, Spall, Defor s	mation, Rebar-expos	Good , Crack , Spall , Deformation , Rebar-exposed , Broken , Settlement , Scouring , Others	couring,	
Railing (Type: Wooden beam)	Good, Scale, Crael	Good, Scale, Crack, Spall, Rebar-exposed, Others	d , Others		4	Pier (Type: Wooden)		Good, Crack, Spall, *Defe Others*( Inclined piles)	rmation, Rebar-expo	Good, Crack, Spall, "Deformation, Rebar-exposed, Broken, "Settlement, Scouring, Others" (Inclined piles)	, Scouring,	4
Deck slab (Type:Wooden board)	Good, Honeycomb	Good , Honeycombs , Crack , "Deformation , Rebar-exposed , Other*(Broken)	n, Rebar-exposed,		4			, Crack, Spall, Defor s	mation, Rebar-expos	Good , Crack , Spall , Deformation , Rebar-exposed , Broken , Settlement , Scouring , Others	couring,	
Main Beam	Good, Honeycombs	Good , Honeycombs , Crack , Deformation , Rebar-exposed , Other	, Rebar-exposed, Or	ther	4	Туре	Good ,	, Crack, Spall, Defors	mation, Rebar-expos	Good , Crack , Spall , Deformation , Rebar-exposed , Broken , Settlement , Scouring , Others	scouring,	
•	Good, Crack, *Det	Good, Crack, *Deformation, Rebar-exposed, Others*(Broken)	sed, Others*(Broken	(	4	Туре	Good ,	, Crack, Spall, Defors	mation, Rebar-expos	Good , Crack , Spall , Deformation , Rebar-exposed , Broken , Settlement , Scouring, Others	scouring,	
Painting	Condition						SOUNDNESS EVALUATION RATING	RATING			RATING	
Exp.Joint	Good, Abnormal Sc	Good, Abnormal Sound, Deformation, Gap, Broken, Others	ap, Broken, Others			<ol> <li>No damage d</li> <li>Damage has  </li> </ol>	efected on the basi been detected and	No damage defected on the basis of the inspection results.  Damage has been detected and a follow-up survey is required.	ılts. xquired.		Super structure	4
Shoe	Good, Abnormal So	Good , Abnormal Sound , Deformation , Gap , Broken , Others	ap, Broken, Others		T	<ol><li>There is sign whether repa</li></ol>	There is significant damage and a detailed surventether repair work is to be carried out or not.	<ol><li>There is significant damage and a detailed survey needs to be carried out to establish whether repair work is to be carried out or not.</li></ol>	s to be carried out to	establish	Sub structure	4
		E'				4. There is sign:	ificant damage and	There is significant damage and urgent repair is required or the bridge/culvert has to	ed or the bridge/culve	rt has to	(Others)	
	Good , Clogged Lea	Good, Clogged Leakage, Broken, Others				be closed to t	be closed to traffic or restriction on vehicle (or to be re-constructed new bridge/culvert)	be closed to traffic or restriction on vehicle weight to be imposed, (or to be re-constructed new bridge/culvert)	e imposed.		Approach wall; scoured	4
<existing bridge="" conditions="" culvert="" of=""></existing>	bridge/culven>									<remarks> Mark * : Correspond Defects</remarks>	spond Defects	
See Table-C protograpt	1									Approach and abutments are scoured and broken.	e scoured and broken.	
										The heavy vehicles can not	The heavy vehicles can not pass on the bridge from view	
_										point of durability.		-

