

JAPAN INTERNATIONAL COOPERATION AGENCY



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS - ARMM REPUBLIC OF THE PHILIPPINES

THE STUDY ON INFRASTRUCTURE (ROAD NETWORK) DEVELOPMENT PLAN FOR THE AUTONOMOUS REGION IN MUSLIM MINDANAO (ARMM)

IN
THE REPUBLIC OF THE PHILIPPINES

FINAL REPORT

VOLUME-III: ANNEXES

MARCH 2010

CTI ENGINEERING INTERNATIONAL CO., LTD. YACHIYO ENGINEERING CO., LTD.

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	Name of Road	Bridge No.	Bridge Name	Bridge LoC\$Sation (Km Post)	Bridge Length (m)	Spans	Span Arrangement (m)	Total	Carriage-	Sidewalk	walk	Super- Structure	Year	(ton)	Max. Flood	River	River Bed	Debris Flow	Main Girder	r Deck Slab	Bridge Surface	ace Abut-ment	nt Pier	Approach	Overall Evaluation
5	Lanso Del Sur 1								line)	7	œ				_	www.								DROW	
E E	MARAWILIGAN ROAD	11-81	PANTAR BRIDGE	1554+260	74	-	74	3.6	7,50	0.50	0.50	STEEL	1974	H20-44		STRAIGHT	UNIVARIED	FEW	HEAVY LOSS OF PAINTING	NONE	NON	NONE	NOPIER	NONE	FAIR
A	MARAWAMASUIROAD	L1-B2	PUGAAN BRIDGE	1570+013	8	-	18	7.7	6.70	0.5	0.5	RC GIRDER	1969	H20-44	9	STRAIGHT	LOWERING	FEW	CRACKS	NOME	NONE	NOME	NONE	NONE	FAR
AR	MARAWIMASUIROAD	11-83	RAMAIN BRIDGE	1574+962	61.36	2	30.68+30.68	8.7	7.30	0.4	9.0	STEEL	1969 H	H20-44	ю	CURVE	UNVARIED	FEW	NONE	FEW LINEAR CRACKS	CRACKS & DEPRESSION	S DAMAGE AT N PROTEC-TION	AT NONE	NONE	POOR
AH	MARAWEMASUIROAD	11-84	LUMBAC BRIDGE	1577+372	12	-	12	8.7	7.30	0.40	0.40	RC GIRDER	1978 H	H20-44	2	CURVE	UNVARIED	NOWE	NONE	ALLIGATORUM FAR CRACKS	HEW CRACKS	KS PROTECTION	EAT NONE	NONE	POOR
A III	MARAWAMASUIROAD	11-85	BUNTONG BRIDGE	1578+272	16.2	-	15.2	8.7	7.30	0.40	0.40	RC GIRDER	1978	H20-44	2	CURVE	UNIVARIED	FEW	FEW SHEAR CRACKS	FEW ALLIGATORUM EAR CRACKS	IN PEWCRACKS	KS MUCH DAMAGE AT PROTEC, TION	E AT NONE	MUCH	POOR
A.	MARAWLMASUIROAD	11-86	MANACAB BRIDGE	1578+862	20.3	24	10.15+10.15	8.7	7.30	9.0	4.0	RC GIRDER	1980	50	~	CURVE	UNVARED	FEW	NONE	FEWLINEAR	ORACKS & DEPRESSION	S DAMAGE AT ON PROTECTION	NONE NONE	NONE	POOR
A.	MARAWIMASUIROAD	11-87	SAPOT BRIDGE	1579+542	12.2	-	12.2	8.7	7.30	0.40	0.40	RC GIRDER	1977	H20-44	2.5	CURVE	UNVARIED	FEW	NONE	FEW UNEAR CRACKS	FEW CRACKS	S FEW DAMAGE AT PROTECTION	NONE NONE	FEW	POOR
A.	MARAWEMASUIROAD	11-88	GATA BRIDGE #1	1580+632	10.5	-	10.5	8.7	7.30	0.40	0,40	RC GIRDER	1989 H	H20-44		CURVE	UNVARIED	HEW	NONE	NOME	FEWCRACKS	KS FEW DAMAGE AT PROTECTION	NONE NONE	FEW	FAIR
8	MARAWEMASUIROAD	11-89	MULONDO BRIDGE	1584+342	81	-	18	80	7.30	0.0	0.0	BAILEY	1970	20	2.5	CURVE	UNVARIED	NONE	NONE	NOME	NONE	FEW DAMAGE AT PROTEC: TION	AT NONE	NONE	FAIR
12	MARAWMASUIROAD	L1-B10	SIGAYAN BRIDGE	1586+202	5		16	8.7	7.30	0.40	0.40	RC GIRDER	1978	20	2	CURVE	UNVARIED	NONE	NONE	FEWLINEAR	R FEW CRACKS	KS PROTECTION	NONE NONE	NONE	POOR
AR	MARAWAMASUIROAD	L1-B11	L1-B11 TARAKA BRIDGE #1	1586+982	7.85	-	7.85	8.7	7.30	0,40	0,40	RC GIRDER	1978	50	-	CURVE	UNVARIED	FEW	NONE	NONE	FEW CRACKS	KS PROTECTION	NONE NONE	NONE	POOR
A.	MARAWIMASUIROAD	L1-B12	L1-B12 TARAKA BRIDGE#2	1587+362	01	-	10	8.7	7.30	0.40	0.40	RC GIRDER	1978	20	9.0	CURVE	UNVARIED	FEW	NONE	NONE	FEWCRACKS	KS PROTECTION	NONE NONE	NONE	POOR
A H	MARAWIMASUIROAD	L1-B14	L1-B14 TARAKA BRIDGE#3	1587+952	31.9	-	31.9	8.7	7.30	0.40	0.40	STEEL	11977	20	2.5	CURVE	UNVARIED	FEW	NONE	NOWE	FEWCRACKS	S FEW DAMAGE AT PROTECTION	AT NONE	NONE	POOR
100	MARAWLMASUROAD	L1-B15	L1-B15 LALABUAN BRIDGE	1589+172	21	-	21	8.7	7.30	0.40	0.40	RC GIRDER	1967	50	1.5	CURVE	UNIVARIED	KEW	NONE	NONE	FEWCRACKS	KS PROTECTION	AT NONE	NONE	FAIR
15	MARAWAMASUIROAD	L1-B16	L1-B16 TATAYAWAN BRIDGE	1590+282	10.2	-	10.2	8.7	7.30	0.40	0.40	RC GIRDER	1978	20	-	CURVE	UNVARED	FEW	NONE	NONE	FEW CRACKS	KS FEW DAMAGE AT PROTECTION	AT NONE	NONE	FAR
15	MARAWAMASUIROAD	L1-817	L1-B17 LUMBAC-INGUD BRIDGE	1591+472	12	-	12	8.7	7.30	0.40	0.40	RC GIRDER	1978	50	-	CURVE	UNIVARIED	FEW	NONE	NONE	FEW CRACKS	KS FEW DAMAGE AT PROTECTION	AT NONE	NONE	FAIR
15	MARAWEMASUIROAD	L1-B18	L1-B18 DILAUSAN BRIDGE	1591+872	o	-	m	8.7	7.30	0.40	0.40	RC GIRDER	1975	20	2.5	CURVE	UNIVARIED	NONE	NONE	FEWLINEAR	R FEW CRACKS	KS FEW DAMAGE AT PROTECTION	NONE NONE	NONE	FAR
15	MARAWIMASUIROAD	L1-B19	L1-B19 GATA BRIDGE #2	1592+392	42.67	-	42.67	8.6	7.30	00.00	00.0	BAILEY	1960	H20-44	2	CURVE	UNVARIED	FEW	NONE	NONE	NONE	FEW DAMAGE AT PROTEC-TION	NONE NONE	NONE	FAR
15	MARAWEMASLIROAD	L1-B20	BANSAYAN BRIDGE #1	1592+932	o	-	ø	8.6	7.30	0.0	0.0	BAILEY	1979	50	5	CURVE	UNVARED	NONE	NONE	NONE	NONE	FEW DAMAGE AT PROTEC-TION	NONE NONE	NONE	FAR
15	MARAWAMASUIROAD	L1-821	BANSAYAN BRIDGE #2	1593+522	27.43	-	27.43	8.6	7.30	0.0	0.0	BAILEY	1978	50	3.5	CURVE	UNVARIED	PEW	NONE	NONE	NONE	FEW DAMAGE AT PROTEC-TION	AT NONE	NONE	POOG
TE:	MARAVVEMASUIROAD	L1-B22	BUBONG BRIDGE	1594+242	12	-	12	8.7	7.30	0.40	0,40	RC GIRDER	1979	20	3.5	CURVE	UNIVARIED	NOWE	NONE	FEWLINEAR	R FEW CRACKS	KS FEW DAMAGE AT PROTECTION	AT NONE	NONE	FAIR
LE,	MARAWEMASUEROAD	L1-B23	L1-B23 TALAGUIAN BRIDGE	1595+672	18	-	18	8.7	7.30	0.40	0.40	RC GIRDER	1976	20	2.5	CURVE	UNIVARIED	FEW	NONE	FEWLINEAR	R FEW CRACKS	KS FEW DAMAGE AT PROTECTION	NOVE NOVE	NONE	POOR
15	MARAWAMASUIROAD	L1-B24	L1-B24 MASIU BRIDGE	1597+272	61.6	4	13.3+17.5+17.5+1	8.7	7.30	0.4	4.0	RC GIRDER	1973	H20-44	6	CURVE	UNVARIED	FEW	NONE	ALLIGATOR	NONE	DAMAGE AT PROTEC-TION	AT NONE	NONE	POOR
35	WAO, MULONDO RAOD	L1-B13	L1-B13 BATO-BATO BRIDGE	1587+572	40	2	20+20	8.7	7.30	0.4	4.0	RC GIRDER	1998	20	1	,	4	1	Y	3	Ť	1	1	1	FAIR
125	WAO -MULONDO RAOD	L1-B25	L1-B25 KILKILI BRIDGE#2	1604+408	91	-	16	9.45	7.35	92.0	97.0	RC GIRDER	1997	1	-	CURVE	UNVARIED	NONE	NONE	NONE	FEWCRACK	NONE	NONE	NONE	FAIR
2	WAO-MULCNDO RAOD	L1-B26	L1-B26 KUKUBRIDGE#1	1604+444	22	-	22	9.6	7.40	08'0	08'0	RC GIRDER	1997	5	2.8	CURVE	UNVARED	FEW	NONE	NONE	FEWCRACK	K FEW DAMAGE	GE NONE	MUCH	GAB
4	WAG-MULCNDO RACD	L1-827	L1-B27 SOMUGOT BRIDGE	1607+220	11	-	11	9.6	7.40	08'0	08.0	RC GIRDER	1998	50	-	CURVE	UNVARED	FEW	NONE	NONE	FEWORACK	K FEW DAMAGE	GE NOVE	NONE	FAR
3	WAO-MULONDO RAOD	L1-B28	BALATIN BRIDGE	1613+008	85.85	6	28.35+28.35+28.4 6	9.6	7,40	0.75	9 22.0	PC GIRDER	1997	20	6	CURVE	UNVARIED	PEW	NONE	NONE	FEWCRACK	3K NOWE	NONE	NONE	FAIR
4	WAO : MJL ONDO RAOD	L1-B29	L1-B29 LAMBANOGAN BRIDGE	1614+174	22.4	-	22.4	9.6	7.40	08.0	08.0	RC GIRDER	1998	20	6	CURVE	UNIVARIED	FEW	NONE	NONE	FEWCRACK	K FEW DAMAGE	GE NONE	NONE	FAIR
4	WAO -MULONDO RAOD	L1-B30	CAPIGIS BRIDGE	1617+919	25	+	25	10	7.80	08.0	08.0	RC GIRDER	1997	5	2	CURVE	UNVARED	HEW	NONE	NONE	FEWCRACK	NONE	NONE	NONE	FAR
Ä	WAD -MULONDO RAOD	L1-B31	L1-B31 BUOT BRIDGE#1	1619+997	29.1		29.1	5.6	7.50	08'0	08.0	RC GIRDER	1997	50	-	STRAIGHT	UNIVARIED	FEW	NONE	NONE	NONE	FEW DAMAGE	GE NONE	NONE	FAR
4	WAG -MULCNDO RACD	L1-B32	L1-B32 BUOT BRIDGE #2	1621+897	16.1	-	15.1	9.4	7.40	0.76	0.76	RC GIRDER	1997	15	4.5	STRAIGHT	19MADED	EFW	NI'AIE	NONE	CENTERACT	100	-000		

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| 3.6 7.40 0.36 0.26 CGIRDER 197 15 1 CURVE UMMGED FEW MOME MOME FEW CRACK FEW CRACK </th <th>0.56 0.76 RC GIRDER 1997 16 1 CURVE UNVARED FBM NOME NOME FBW CRACK 0.58 0.76 RC GIRDER 1 ABLE SURVEYED 1 ABLE SURVEYED <</th> <th>0.56 0.75 RC GIRDER 197 15 1 CURVE UNVARED FBW NOME NOME FBW CRACK 0.58 0.75 RC GIRDER - 1 ABLE SURVEYED 1 ABLE SURVEYED 0.50 0.50 PC GIRDER 197 15 4 STRAIGHT RSSNG FBW NOME ROME RDMAM 0.50 0.50 PC GIRDER 197 2 8 STRAIGHT RSSNG FBW NOME NOME NOME 0.50 0.50 PC GIRDER 1971 20 1.5 STRAIGHT RSSNG FBW NOME NOME NOME 0.50 0.50 PC GIRDER 1971 20 1.5 STRAIGHT RSSNG FBW NOME NOME 0.50 0.50 PC GIRDER 1994 1.5 STRAIGHT RSSNG FBW NOME NOME 0.70 0.70 STEBL 1994 H2O-H 10.0</th> <th> NAME NAME </th> <th> No. No.</th> <th>RC GRDER </th> <th>RC GRDER 1937 15 1 CURVE UNMARED FEW MONE NONE FEW CRACK RC GRDER TABLE SURVEYED TABLE SURVEYED </th> <th>RC GROER 1937 15 1 CURVE UNARED FBW NORE NORE FBW CRACK RC GROER </th> <th>RC GIRDER 1-1 CURNE UNIVAGED FEW MONE NONE FEW CRANCE RC GIRDER TABLE SURVEYED TABLE SURVEYED TABLE SURVEYED PC GIRDER 1-5 TABLE SURVEYED TABLE SURVEYED <th>0.75 RC GREDER 1997 15 1 CURNE LAWARED FEW MOVE NOVE FEW CORD 0.75 RC GREDER - - TABLE SURVEYED - - TABLE SURVEYED 0.80 PC GREDER 1976 2.0 8 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 PC GREDER 1976 2.0 8 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 PC GREDER 1976 2.0 8 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 STEEL 1971 2.0 1 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 STEEL 1971 2.0 1 CURNE RSWG FEW NOVE NOVE NOVE 0.00 STEEL 1971 2.0 1 STRANGHT RSWG FEW NOVE NOVE NOVE</th><th>0.3 RC GRIDER 1997 15 1 CURNE CURNE FEW MOKE NOKE NOKE FEW CARCES 0.3 RC GRIDER - - 1 VALE SURVEYED - - 1 VALE SURVEYED 0.00 BALEY 200 8 STRANGHT RISKAG FEW NOVE NOVE NOVE 0.00 RC GRIDER 1903 1 2 STRANGHT RISKAG FEW NOVE NOVE NOVE 0.00 RC GRIDER 1903 1 2 STRANGHT RISKAG FEW NOVE NOVE NOVE 0.00 RC GRIDER 1903 1 CURNE RISKAG FEW NOVE NOVE NOVE 0.00 RC GRIDER 1903 1 CURNE RISKAG FEW NOVE NOVE NOVE 0.01 RC GRIDER 1904 10 2 STRANGHT RISKAG FEW NOVE NOVE NOVE 0.</th><th>0.08 RC GRÜGER 1991 15 1.0 CURNE LWARED FEBN NOME NOME FEBN FEBN NOME FEBN GRÜGER FEBN GRÜGER FEBN GRÜGER FEBN GRÜGER 1.0 TABLE SURNE FEBD FEBN GRÜGER FEBN GRÜGER NOME NO</th><th>0.0 RC GRÜCER 1991 15 1.0 CURNE UNARED FEBN NOME NOME FEBN FEBN ROME NOME FEBN NOME FEBN GRÜCER NOME NOME FEBN GRÜCER NOME NOME FEBN GRÜCER FEBN GRÜCER NOME FEBN GRÜCER NOME FEBN GRÜCER FEBN GRÜC</th><th>0.0 RC GROBER 139 15 1, OLINNIGED FEW NOME NOME NOME FRYORMORD 0.0 RC GROBER - - 1, MALE SURMETED - - 1, MALE SURMETED - - 1, MALE SURMETED -</th><th>0.05 R.C.GRIDGER 1971 1.5 1.1 CLIRAGE DIAMAGED FEW NOME NOME FEW CRANCE 0.05 R.C.GRIDGER - - 1.4BLE SLINAMYPTOD TABLE SLIN</th><th>0.16 D. 7 CLUNCE LUNMEND FRANCE FRANCE FRANCE FRANCE 0.18 0.18 FRANCE - - TABLE BLANCE - - TABLE BLANCE 0.18 0.18 FRANCE - - TABLE BLANCE -</th></th> | 0.56 0.76 RC GIRDER 1997 16 1 CURVE UNVARED FBM NOME NOME FBW CRACK 0.58 0.76 RC GIRDER 1 ABLE SURVEYED 1 ABLE SURVEYED <
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 | RC GRDER 1937 15 1 CURVE UNMARED FEW MONE NONE FEW CRACK RC GRDER TABLE SURVEYED TABLE SURVEYED | RC GROER 1937 15 1 CURVE UNARED FBW NORE NORE FBW CRACK RC GROER
 | RC GIRDER 1-1 CURNE UNIVAGED FEW MONE NONE FEW CRANCE RC GIRDER TABLE SURVEYED TABLE SURVEYED TABLE SURVEYED PC GIRDER 1-5 TABLE SURVEYED TABLE SURVEYED <th>0.75 RC GREDER 1997 15 1 CURNE LAWARED FEW MOVE NOVE FEW CORD 0.75 RC GREDER - - TABLE SURVEYED - - TABLE SURVEYED 0.80 PC GREDER 1976 2.0 8 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 PC GREDER 1976 2.0 8 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 PC GREDER 1976 2.0 8 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 STEEL 1971 2.0 1 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 STEEL 1971 2.0 1 CURNE RSWG FEW NOVE NOVE NOVE 0.00 STEEL 1971 2.0 1 STRANGHT RSWG FEW NOVE NOVE NOVE</th> <th>0.3 RC GRIDER 1997 15 1 CURNE CURNE FEW MOKE NOKE NOKE FEW CARCES 0.3 RC GRIDER - - 1 VALE SURVEYED - - 1 VALE SURVEYED 0.00 BALEY 200 8 STRANGHT RISKAG FEW NOVE NOVE NOVE 0.00 RC GRIDER 1903 1 2 STRANGHT RISKAG FEW NOVE NOVE NOVE 0.00 RC GRIDER 1903 1 2 STRANGHT RISKAG FEW NOVE NOVE NOVE 0.00 RC GRIDER 1903 1 CURNE RISKAG FEW NOVE NOVE NOVE 0.00 RC GRIDER 1903 1 CURNE RISKAG FEW NOVE NOVE NOVE 0.01 RC GRIDER 1904 10 2 STRANGHT RISKAG FEW NOVE NOVE NOVE 0.</th> <th>0.08 RC GRÜGER 1991 15 1.0 CURNE LWARED FEBN NOME NOME FEBN FEBN NOME FEBN GRÜGER FEBN GRÜGER FEBN GRÜGER FEBN GRÜGER 1.0 TABLE SURNE FEBD FEBN GRÜGER FEBN GRÜGER NOME NO</th> <th>0.0 RC GRÜCER 1991 15 1.0 CURNE UNARED FEBN NOME NOME FEBN FEBN ROME NOME FEBN NOME FEBN GRÜCER NOME NOME FEBN GRÜCER NOME NOME FEBN GRÜCER FEBN GRÜCER NOME FEBN GRÜCER NOME FEBN GRÜCER FEBN GRÜC</th> <th>0.0 RC GROBER 139 15 1, OLINNIGED FEW NOME NOME NOME FRYORMORD 0.0 RC GROBER - - 1, MALE SURMETED - - 1, MALE SURMETED - - 1, MALE SURMETED -</th> <th>0.05 R.C.GRIDGER 1971 1.5 1.1 CLIRAGE DIAMAGED FEW NOME NOME FEW CRANCE 0.05 R.C.GRIDGER - - 1.4BLE SLINAMYPTOD TABLE SLIN</th> <th>0.16 D. 7 CLUNCE LUNMEND FRANCE FRANCE FRANCE FRANCE 0.18 0.18 FRANCE - - TABLE BLANCE - - TABLE BLANCE 0.18 0.18 FRANCE - - TABLE BLANCE -</th> | 0.75 RC GREDER 1997 15 1 CURNE LAWARED FEW MOVE NOVE FEW CORD 0.75 RC GREDER - - TABLE SURVEYED - - TABLE SURVEYED 0.80 PC GREDER 1976 2.0 8 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 PC GREDER 1976 2.0 8 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 PC GREDER 1976 2.0 8 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 STEEL 1971 2.0 1 STRANGHT RSWG FEW NOVE NOVE NOVE 0.00 STEEL 1971 2.0 1 CURNE RSWG FEW NOVE NOVE NOVE 0.00 STEEL 1971 2.0 1 STRANGHT RSWG FEW NOVE NOVE NOVE
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| 740 0.56 0.56 RC GIRDER TABLE SURVEYED TANARED FEW NONE
 | 0.76 0.76 RC GIRDER | 0.26 0.76 RC GROER | 0.76 RC GIRDER TABLE SURVEYED 0.50 PC GIRDER TABLE SURVEYED 0.50 PC GIRDER TABLE SURVEYED 0.50 PC GIRDER 1376 20 8 STRANGHT RIGHE RPW NONE NONE 0.50 PC GIRDER 1391 20 8 STRANGHT RIGHE RPW NONE NONE 0.50 PC GIRDER 1391 20 1.5 STRANGHT RIGHE RPW NONE NONE 0.50 RC GIRDER 1991 20 1.5 STRANGHT RIGHE RPW RPW NONE 0.70 RC GIRDER 1993 10 2 STRANGHT RIGHE RPW RPW RPW 0.70 STREEL 1993 6 1 CURVE RIGHE RPW RPW RPW 0.70 RC GIRDER 1994 H20-44 PLOWER STRANGHT RIG
 | 0.76 RC GIRDER TABLE SURVEYED 0.76 RC GIRDER TABLE SURVEYED 0.50 PC GIRDER TABLE SURVEYED 0.50 PC GIRDER 1976 20 8 STRANGHT INGME NOME NOME 0.50 PC GIRDER 1976 10 2 STRANGHT INGMED PEW NOME NOME 0.50 STEBLE 197 2 STRANGHT INGMED PEW NOME NOME 0.70 STEBLE 197 2 STRANGHT INGMED PEW NOME NOME 0.70 STEBLE 197 2 STRANGHT INGMED PEW NOME NOME 0.70 STEBLE 197 2 STRANGHT INGMED PEW NOME NOME 0.70 STEBLE 197 2 STRANGHT INGMED PEW NOME PEW 0.70 RC GIRDER </th <th>RC GRIDER TABLE SURVEYED RC GRIDER TABLE SURVEYED RC GRIDER TABLE SURVEYED RC GRIDER 1376 20 8 STRAGHT RISING FEW NONE NONE PC GRIDER 1395 10 2 STRAGHT RISING FEW NONE NONE STEEL 1391 20 15 STRAGHT RISING FEW NONE NONE STEEL 1391 20 15 STRAGHT RISING FEW NONE NONE RC GRIDER 1395 1 CURVE RISING FEW NONE NONE RC GRIDER 1394 420-44 FLOWED STRAGHT RISING FEW NONE FEW RC GRIDER 1394 420-44 FLOWED STRAGHT RISING FEW NONE FEW RC GRIDER 1394 420-44 10 CURVE RISING</th> <th>RC GRIDER </th> <th>RC GROER - TABLE SURVEYED RC GROER - - TABLE SURVEYED RC GROER - - TABLE SURVEYED RC GROER - - TABLE SURVEYED RC GROER 155 8 STRANGHT LOWENG FEW NONE PC GROER 1976 20 8 STRANGHT LOWENG FEW NONE NONE STEEL 1971 20 1.5 STRANGHT LOWENG FEW NONE NONE STEEL 1971 20 1.5 STRANGHT RISING FEW NONE NONE RC GROER 1956 3 CURVE RISING FEW NONE NONE RC GROER 1954 H2C44 LOWEND STRANGHT RISING FEW NONE RISING RC GROER 1954 H2C44 LOWEND STRANGHT RISING FEW NONE RISING RC GROER 1953 H2C44 10</th> <th>RC GROER TABLE SURVEYED ROWER FEW NOWE NOWE RC GROER TABLE SURVEYED RC GROER FEW NOWE NOWE PC GROER 1376 20 8 STRANGHT RGMG FEW NOWE NOWE PC GROER 1376 20 8 STRANGHT RGMG FEW NOWE NOWE RC GROER 1376 10 2 STRANGHT RGMG FEW NOWE NOWE RC GROER 1371 20 1 CURVE RGMG FEW NOWE NOWE RC GROER 1376 3 CURVE RGMG FEW NOWE NOWE RC GROER 1354 4 ALCHONED STRANGHT RGMG FEW NOWE NOWE RC GROER 1354 H20-44 ALGEORE STRANGHT RGMG FEW NOWE NOWE RC GROER 1354 H20-44 ALGEORE</th> <th>0.76 RC GROCER TABLE SURVEYED TABLE SURVEYED 0.80 RC GROCER TABLE SURVEYED 0.50 PC GROCER TABLE SURVEYED 0.50 PC GROCER 1976 20 8 STRANGHT LOMEN FEW NOME NOME 0.50 PC GROCER 1956 10 2 STRANGHT RSSNG FEW NOME NOME 0.50 PC GROCER 1956 10 2 STRANGHT RSSNG FEW NOME NOME 0.50 RC GROCER 1951 2 8 STRANGHT RSSNG FEW NOME NOME 0.50 RC GROCER 1951 2 3 CURVE RSSNG FEW NOME NOME 0.50 RC GROCER 1954 H2O-4 FLOWED STRANGHT RSSNG FEW NOME NOME 0.50 RC GROCER 1954 H2O-4 FLOWED STRANGHT RSSNG <td< th=""><th>0.56 RC GREDER </th><th>0.76 RC GREDER </th><th>0.76 RC GREGER 1.3 CLINNE LOUNGED FEW NONE NONE 0.78 RC GREGER </th><th>0.05 RC GRIDER - TABLE SURVEYED 0.08 RC GRIDER TABLE SURVEYED 0.09 PC GRIDER TABLE SURVEYED 0.00 BALEY 2001 15 4 STRANGHT RISING FEW NOME NOME 0.00 RC GRIDER 1976 10 2 STRANGHT RISING FEW NOME NOME 0.00 RC GRIDER 1994 10 2 STRANGHT RISING FEW NOME NOME 0.10 GRIDER 1994 10 2 STRANGHT RISING FEW NOME NOME 0.10 GRIDER 1994 10 2 STRANGHT RISING FEW NOME NOME 0.10 GRIDER 1994 100 1 CURNE RISING FEW NOME NOME 0.10 RC GRIDER 1994 10 2 STRANGHT RISING FEW</th><th>0.56 RC GRODER TABLE SURVEYED TABLE SURVEYED 0.56 RC GRODER TABLE SURVEYED 0.50 PC GRODER 1-5 TABLE SURVEYED 0.50 PC GRODER 1916 20 8 STRANGHT ROWER FRW NOWE NOWE 0.50 PC GRODER 1916 20 8 STRANGHT ROWER FRW NOWE NOWE 0.50 PC GRODER 1917 20 1.5 STRANGHT ROWGE FRW NOWE NOWE 0.50 RC GRODER 1918 2 1 C LINNE ROWGE FRW NOWE NOWE 0.50 RC GRODER 1918 5 1 C LINNE ROWGE FRW NOWE FRW 0.50 RC GRODER 1918 10 1 C LINNE ROWGE FRW NOWE FRW 0.50 RC GRODER 1919 1 C LINNE ROWGE <</th><th> 0.36 0.56 RC-GROER 1997 15 1 CURVE DAVINEEL FEW NOSE NOSE NOSE CORROER 1997 15 CURVE DAVINEEL FEW NOSE NOSE NOSE NOSE NOSE NOSE NOSE NOSE CORROER 1992 2.0 1.5 STRAWOHT ROSNO FEW FEW NOSE NO</th></td<></th> | RC GRIDER TABLE SURVEYED RC GRIDER TABLE SURVEYED RC GRIDER TABLE SURVEYED RC GRIDER 1376 20 8 STRAGHT RISING FEW NONE NONE PC GRIDER 1395 10 2 STRAGHT RISING FEW NONE NONE STEEL 1391 20 15 STRAGHT RISING FEW NONE NONE STEEL 1391 20 15 STRAGHT RISING FEW NONE NONE RC GRIDER 1395 1 CURVE RISING FEW NONE NONE RC GRIDER 1394 420-44 FLOWED STRAGHT RISING FEW NONE FEW RC GRIDER 1394 420-44 FLOWED STRAGHT RISING FEW NONE FEW RC GRIDER 1394 420-44 10 CURVE RISING
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	River	CURVE	CURVE		STRAIGHT	CURVE	STRAIGHT	CURVE	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT	CURVE	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT	CURVE	STRAIGHT	STRAIGHT	CURVE	CURVE	CURVE	CURVE	CURVE	CURVE	CURVE	CURVE	CURVE	CURVE	
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Logo	(ton)	20	20		4	15	ю	9	5	15	5	4	5	1	t	4	1	52	50	ţ	5	10	1	1	1	t	1	1	1	1	5	\$5	5	
Year	Built	1995	1978		1961	2007	1950	1956	1978	2000	1963	1	1	ŕ	1	1	1	2007	ī	ı	1958	1958	1958	t	1	ī	1	1	10	1	ı	1	1	
Simes	Structure	RC GIRDER	BAILEY		RC GIRDER	PC GIRDER	STEEL	RC GIRDER	RC SLAB	BAILEY	RC GIRDER	BALLEY	RC GIRDER	RC GIRDER	STEEL	BAILEY	STEEL	STEEL	RC GIRDER	RC GIRDER	RC GIRDER	RC GIRDER	RC GIRDER	RC GIRDER	RC GIRDER	RC GIRDER	RC GIRDER	BAILEY	BALLEY	BAILEY	RC GIRDER	BAILEY	BAILEY	
	walk	0.40	1		0.50	0.80	2.0	8.0	9:0	00:00	080	0.0	9.0	8.0	7.0	0.0	8.0	.1	0.00	96.0	0.80	0.50	0.50	0.70	0.75	0.70	0.70	0.0	0.0	0.0	8.0	12	12	
	Sidewalk	0.40	ŧ		0.50	0.80	2.0	8.0	9.0	00.00	0.80	0.0	0.5	8.0	7.0	0.0	8.0	1.0	0.90	96'0	0.80	0.50	0.50	0.70	97.0	0.70	0.70	0.0	0.0	0.0	9:0	12	12	
	Camiage- way	7.30	7.00		6.70	7.30	7.30	6.70	7.30	7.50	7.40	7.40	7.30	7.35	7.40	7.40	7.30	7.40	8.23	8.23	7.30	7.30	7.40	7.50	7.50	7.40	7.40	7.40	7.40	7.40	6.80	7.40	7.40	1000000
	Total	8.7	7.3		8.3	9.4	11.36	8.22	8,3	8.6	6.6	9.84	8.3	8.95	9.4	9.75	9,4	9.4	10.6	10,73	8.9	8.9	6.8	9.6	7.6	7.6	9.6	8.6	8'6	8.0	8.3	8.6	8.6	
Span	Arrangement (m)	10.7+9.7	33.5		12.5	15.75	40.70+40.33+40.5 2+40.68	20.3	31 14+31 1+31 2+31 1 +31 2+31 2+14 7 +30 3	27.75	15	16.3	10.35+12.0+15.0	15	31.3	27.5	31.25	41+41+46+41+41	13	13.72	8.3 + 10 + 8.3	6.30+8.00+6.30	6.4 + 10 + 6.40	15.65	15.6	15.4	20.3	1@39	1 @ 40.4	1 @ 40.8	15.5	21.3	51.8	
	Spans	24			-		4 40	-	5 31	-	-	-	6		-		-	5 41		-	0	3	3	-	-		-	-	-			-	÷	
Bridge	Length (m)	20.4	33.5		12.5	15.75	162	20.3	247	27.75	15	16.3	37.35	15	s	27.5	31.25	162.23	13	13.72	26.6	20.6	22.8	15.65	15.6	15.4	20.3	39	40.4	40.8	15.5	21.3	51.8	
dge LoC\$Sation	(Km Post)	1604+825	1609+636		1716+050	1718+850	1854+502	1855+283.20	1865+102	1866+764	1872+562.5	1876+351	1877+874.9	1885+005	1886+965	1897+306	1900+650	1855+894.55	1871+000	1871+000	1821+108.41	1822+077.5	1827+807.5	1870+566.7	1872+525.6	1873+412.20	1876+367.7	1	t	ı	1	1	1	
	augus afouc	GADUNGAN BRIDGE	LUMBATAN BRIDGE		PANATAN BRIDGE	PIGCALAGAN BRIDGE	QUIRINO BRIDGE	MACAGUILING BRIDGE	SIMUAY BRIDGE	BALUT BRIDGE	LIBOAN BRIDGE	BUDAKAN BRIDGE	NITUAN BRIDGE	SK-B10 MACASANDAG BRIDGE	SK-B11 BUGASAN BRIDGE	SK-B12 SARAKAN BRIDGE	SK-B13 BAYANGA BRIDGE	SK-B14 DELTA BRIDGE	SK-B15 TAPAYAN BRIDGE	SK-B16 TAMBO BRIDGE	SK-B17 BRAR BRIDGE	SK-B18 DALICAN BRIDGE	SK-B19 KURENTEM BRIDGE	UPI BRIDGE	NURO BRIDGE 1	NURO BRIDGE 2	SK-B23 BORONGOTAN BRIDGE	SK-B24 KALPUAN BRIDGE (SALAM)	SK-B25 AMPUAN BRIDGE (SALAM)	SK-B26 AMBAL BRIDGE (SALAM)	SK-B27 SPDA BRIDGE	SK-B28 SALAM BRIDGE 1	SK-B29 SALAM BRIDGE 2	
Bridge	o N	L2-B25 GA	L2-B26 LU		SK-B1 PA	SK-B2 PIC	SK-B3 OU	SK-B4 MA	SK-B5 SIN	SK-B6 BA	SK-B7 LIB	SK-B8 BU	SK-B9 NIT	SK-B10 MA	SK-B11 BL	SK-B12 SA	SK-B13 BA	SK-B14 DE	SK-B15 TA	SK-B16 TA	SK-B17 BR	SK-B18 DA	SK-B19 KL	SK-B20 UP	SK-B21 NU	SK-B22 NU	SK-B23 BC	SK-B24 KA	SK-B25 AM	SK-B26 AM	SK-B27 SF	SK-B28 SA	SK-B29 SA	
	DEDA D MIRE	MARAWIMALABANG ROAD	MASIU-GANASSI ROAD	Maguindanao 1 (Sharif Kabunsuan)	DAVAG-COTABATO ROAD	DAVAQ-COTABATO ROAD	COTABATO-LANAO ROAD	COTABATO LANAO ROAD	COTABATO-LANAOROAD	COTABATO-LANAOROAD	COTABATO:LANAOROAD	COTABATO-LANAOROAD	COTABATO LANAO ROAD	COTABATO-LANAOROAD	COTABATO-LANAGROAD	COTABATO-LANAGROAD	COTABATO-LANAOROAD	SALIMBAO-DELTA BRIDGE ROAD	SIMUAY-LANDASAN ROAD	SIMUAY-LANDASAN ROAD	MARBEL-ALA-COTABATO ROAD	MARBEL-ALA-COTABATO ROAD	MARBEL-ALA-COTABATO ROAD	AWANG UPI LEBAK ROAD	AWAMS UPILEBAK ROAD	AWANG UPI LEBAK ROAD	AWANS UPI LEBAK ROAD	ARANG-BULDON-BRD OF US (2) ROAD	ARANG-BULDON-BRD. OF LS (2) ROAD	PARANS-BULDON-BRD: OF LS (2) ROAD	TAMONTAKA - TAPIAN ROAD	TAMONTAKA - TAPNAN ROAD	TAMONTAKA - TAPIAN ROAD	The second secon
Mo				1160	×	N.	8	8	8	8	8	8	8	8	8	8	8	SAL	155	- SS	NA.	MA	MA	AW	3	N N	AN	PAR	PAR	PAR	TA.	TA	SKp-2 TAM	L

Overall	Approach Evaluation Road	NONE FAR	NOVE FAR	NONE FAIR	NONE FAR		NONE FAR																										
	Pier	NO PIER	NO PIER	MAGE NO PIER		NO PIER																											
-	rface Abut-ment	NONE	NONE	MUCHIDAMAGE		FEW CRACK AT ABT PROTECTION																											
Slah Bridge Surface		NONE	NONE	NONE		NONE										9,0	2.5																
Main Girder Deck Slab		NOME	NOME	NONE		FEW NO		8																									
Debris Flow		5 FEW	MANY	FEW	FEW	-		FEW FEW	FEW FEW	FEW FEW	FEW FEW FEW FEW FEW	FEW FEW FEW FEW FEW FEW	FEW	FEW FEW FEW FEW FEW FEW KANNY	FEW	FEW FEW FEW FEW MARY MARY FEW FEW MARY MARY	FEW I	FEW I	FEW (FEW (FEW FEW FEW FEW FEW FEW FEW MANY FEW MANY FEW MANY FEW MANY FEW MANY FEW MANY MANY MANY MANY MANY MANY MANY MANY	FEW I	FEW I	FEW (FEW (FEW FEW FEW FEW FEW MANY FEW	FEW IF FE	FEW I	FEW (FEW (FEW FEW NAWY NAWY NAWY NOWE NOWE FEW FEW FEW NOWE FEW FEW FEW FEW FEW FEW FEW FEW FEW F	FEW IFEW IFEW IFEW IFEW IFEW IFEW IFEW I	FEW I	FEW (FEW (FEW FEW NAMY) FEW NAMY FEW NOWE NOWE FEW FEW FEW FEW FEW FEW FEW FEW FEW F	FEW IF FE	FEW IFEW IFEW IFEW IFEW IFEW IFEW IFEW I	FEW IF FE	FEW IFEW IFEW IFEW IFEW IFEW IFEW IFEW I	FEW I
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			RC GIRDER	RC GIRDER	BAILEY	BAILEY	BAILEY		BAILEY		ũ.																						
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(iii)		33.3 9.8	14.9+15 8.	19.1	13	22	36.9	4				Ф.	12																				
Spans An		-	2	-			-	-		-			7 7 7 1 7 1 7 1 7 1																				
Length (m)	33,3		30.2	19.1	13	22	36.9	9		39.8	39.8	39.8	39.8	39.8 30.6 90.54 71.8	39.8 30.6 90.54 71.8	39.8 30.6 90.54 71.8 40.39	39.8 30.6 71.8 40.99 13.3	39.8 30.6 90.54 71.8 40.39 13	39.8 15 30.6 30.6 71.8 40.39 13 32 32 32 32 32 32 31.5	39.8 30.6 30.6 40.39 13 32 81.4 81.4 21.5 22.5 24.7	39.8 30.6 30.6 90.54 77.8 13 32 32 24.7 16	39.8 30.6 30.6 30.5 40.99 13 32 32 32 32 34.7 16 16 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	39.8 30.6 40.39 13 32 32 32 33.8 18.4	39.8 30.6 30.5 40.39 13 32 32 32 32 34 18 46.39 18 46.39 18 46.39 18 46.39 18 46.39 18 46.39 18 46.39 18 46.39 18 46.39 18 46.39 18 46.39 18 18 18 18 18 18 18 18 18 18 18 18 18	39.8 30.6 30.6 40.99 13 32 32 32 32 32 34.7 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.4	39.8 30.6 30.6 40.39 13 32 81.4 16 18 18 18 16 6 6	39.8 30.6 30.54 7718 7718 13 32 32 32 32 32 33 6 6 6 6 6 74 74 74 74 74 74 74 74 74 74 74 74 74	39.8 15 16 17.8 40.99 13 32 24.7 16 18.4 18.4 19.26 10.26 10.26 24.7	39.8 30.6 30.6 30.6 40.39 13 32 32 32 32 33 36 40.39 13 37 4 40.39 39.8 40.39 37 4 40.39 37 4 40.39 40.30 40.39 40.30 40.39 40.39 40.39 40.39 40.39 40.39 40.39 40.39 40.39 40.39 40.39 40.39 40.39 40.39 40.39 40.39 40.39 40.30 40 40.30 40 40.30 40 40 40 40 40 40 40 40 40 40 40 40 40	39.8 30.6 30.6 30.54 71.8 11.3 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7	39.8 15 16 17.8 40.99 10.99 10.99 11.8 12.1.5 24.7 16 16 16 17.8 18.4 18.4 18.4 18.4 18.4 18.3 19.5	39.8 30.6 30.6 30.6 40.39 11.3 32 40.39 11.3 32 24.7 16 16 17.8 18.4 18.4 18.4 19.39 19.8 19.3 19.8 19.3 19.8 19.3 19.8	39.8 30.6 30.6 30.5 40.39 11.3 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7 27.5 24.7 27.5 24.7 27.5 27.7 27.7 27.7 27.7 27.5 27.7
(Km Post)	1		1	1	1	Г	ŧ	1			1 1 1	1789+285.6	- - - - - - - - - - - - - - - - - - -	- - 1789+265.6 1795+136.22 1796+037	1789+286.6 1796+136.22 1796+037 1801+398.28	1789-285.6 1795+136.22 1796+137 1801+386.28	1789+285.6 1796+136.22 1786+037 1801+398.28 1809+373	1799+285 6 1795+136.22 1796+136.22 1801+398.28 1809+373 1813+056	17789+285.6 1736+136.22 1796+136.22 1801+398.28 1803+373 1803+539 1813+656 1887+600		1789-726.6 1795+136.22 1795+136.22 1801+398.28 1809+539 1813+056 1830-018.8	17789+136.56 1736+136.22 1796+136.22 1801+398.28 1803+373 1803+539 1813+056 1887+600 1887+600	1789-286.6 17789-136.22 1796-137 1801-1392.28 1803-1373 1809-539 1813-056 1887-500 1990-418.8 1902-1763 1902-1763	1795+136.22 1795+136.22 1795+136.22 1801+396.28 1803+373 1803+539 1813+056 1813+056 1905+018,8 1905+000	1795+136.56 1795+136.22 1795+136.22 1801+398.28 1803+373 1803+373 1803+539 1813+650 1902+768 1905+000 1913+000		1795+136.25 1796+136.22 1796+136.22 1809+5373 1809+639 1813+056 1980+018.8 1905+000 1913+000 1717+608.5 1717+608.5						
		SALAM BRIDGE 4	SK-B32 LINEK BRIDGE	SK-B33 LIMBO BRIDGE	SK-B34 SALAM BRIDGE#1	SK-B35 SALAMBRIDGE#2	SK-B36 SALAM BRIDGE#3	SK-B37 LOWER PANATAN (SALAM BRIDGE	(6.4)	SK-B38 MATUBER BRIDGE	SK-838 MATUBER BRIDGE SK-839 DAROGAO BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE KAURAN BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE KALRAN BRIDGE DECALUNGAN BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE KALIRAN BRIDGE DECALUNGAN BRIDGE KABULANN BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE EALUNGAN BRIDGE DECALUNGAN BRIDGE KABULNAN BRIDGE META BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE EALUNGAN BRIDGE MATURAN BRIDGE META BRIDGE BAGAN BRIDGE BAGAN BRIDGE	MATUBER BRIDGE DAROGAO BRUDGE KALIRAN BRIDGE KABULNAN BRIDGE KABULNAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE EALUNGAN BRIDGE KALINAN BRIDGE KALINAN BRIDGE META BRIDGE BAGAN BRIDGE BAGAN BRIDGE II BAGAN BRIDGE TAMBUNAN BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE EALUNGAN BRIDGE KABULNAN BRIDGE KABULNAN BRIDGE META BRIDGE BAGAN BRIDGE BAGAN BRIDGE I TAMBUNAN BRIDGE I TAMBUNAN BRIDGE I TAMBUNAN BRIDGE FINABUNAN BRIDGE FINABUNAN BRIDGE FINABUNAN BRIDGE	MATUBER BRIDGE DAROGAO BRUDGE KALIRAN BRIDGE BECALUNGAN BRIDGE KABULIANN BRIDGE META BRIDGE BAGAN BRIDGE II BAGAN BRIDGE II TAMBUNAN BRIDGE BRIGGE (ATTAREK BRIDGE) MATUBACAO	MATUBER BRIDGE DAROGAO BRIDGE DECALUNGAN BRIDGE KABULNAN BRIDGE META BRIDGE BAGAN BRIDGE II BAGAN BRIDGE II TAMBUNAN BRIDGE STA FE BRIDGE (MTAREK BRIDGE) MALIBACAO TIMANA BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE DAROGAO BRIDGE KAJULANA BRIDGE KAJULANA BRIDGE META BRIDGE BAGAN BRIDGE BAGAN BRIDGE I BAGAN BRIDGE I TAMBUNAN BRIDGE I MALIBACAO TIMANA BRIDGE DARUGAO BRIDGE	MATUBER BRIDGE DAROGAO BRUDGE EALUNGAN BRIDGE BECALUNGAN BRIDGE META BRIDGE BAGAN BRIDGE BAGAN BRIDGE II BAGAN BRIDGE II TAMBUNAN BRIDGE II TAMBUNAN BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE KALIRAN BRIDGE KALIRAN BRIDGE KABULNAN BRIDGE INTARIOSE BAGAN BRIDGE II TAMBUNAN BRIDGE II TAMBUNAN BRIDGE II TAMBUNAN BRIDGE BAGAN BRIDGE TAMBUNAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE BARUGAO BRIDGE SINACO BRIDGE SINACO BRIDGE TRAN BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE EALUNGAN BRIDGE EALUNGAN BRIDGE MATA BRIDGE BAGAN BRIDGE BAGAN BRIDGE II BAGAN BRIDGE II TAMBUNAN BRIDGE BRICGE	MATUBER BRIDGE DAROGAO BRIDGE KALIRAN BRIDGE BECALUNGAN BRIDGE KABULIANAN BRIDGE BAGAN BRIDGE II BAGAN BRIDGE II BAGAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE TAMBUNAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE BARANAN BRIDGE SINACO BRIDGE SINACO BRIDGE TRAN BRIDGE BARANAN BRIDGE MAGASLONG BRIDGE MAGASLONG BRIDGE MAGASLONG BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE KALIRAN BRIDGE BECALUNAN BRIDGE INTARIORE II BAGAN BRIDGE II TAMBUNAN BRIDGE II TAMBUNAN BRIDGE II TAMBUNAN BRIDGE BRIGGE BRIGGE BRIGGE BRIGGE BRIGGE BRIDGE BRIDGE BRIDGE BRINGO BRIDGE SINACO BRIDGE SINACO BRIDGE SINACO BRIDGE KAYNU BRIDGE RAGASLONG BRIDGE KAYNU BRIDGE RAGASLONG BRIDGE KAYNUNAG BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE EALUNGAN BRIDGE EALUNGAN BRIDGE MATA BRIDGE BAGAN BRIDGE BRIDGE BRIDGE TRANUA BRIDGE	SK-B39 IMATUBER BRIDGE M-B1 KAURAN BRIDGE M-B3 KABULNAN BRIDGE M-B4 META BRIDGE M-B5 BAGAN BRIDGE II M-B7 TAMBUNAN BRIDGE II M-B8 BAGAN BRIDGE II M-B7 TAMBUNAN BRIDGE M-B10 TIMANA BRIDGE M-B11 TIMANA BRIDGE M-B11 TIMANA BRIDGE M-B12 SINACO BRIDGE M-B13 TRAN BRIDGE M-B14 BUAYAN BRIDGE M-B15 INACO BRIDGE M-B15 INACO BRIDGE M-B16 KAYKUNAG BRIDGE M-B17 INATUKAN BRIDGE M-B18 INATUKAN BRIDGE M-B19 INATUKAN BRIDGE M-B11 INATUKAN BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE KALIRAN BRIDGE BECALUNGAN BRIDGE INTARIONAN BRIDGE BAGAN BRIDGE II TAMBUNAN BRIDGE II TAMBUNAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE BARUGAO BRIDGE TRAN BRIDGE BUNYAN BRIDGE BUNYAN BRIDGE KAYKUNAG BRIDGE KAYKUNAG BRIDGE KAYKUNAG BRIDGE MAGASLONG BRIDGE KAYKUNAG BRIDGE MAGASLONG BRIDGE KAYKUNAG BRIDGE MAGASLONG BRIDGE KAYKUNAG BRIDGE MAGASLONG BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE ECALUNGAN BRIDGE ECALUNGAN BRIDGE MATA BRIDGE BAGAN BRIDGE BAGAN BRIDGE II TAMBUNAN BRIDGE BANANA BRIDGE III TAMBUNAN BRIDGE III TAMANA BRIDGE III TAMAN BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE KALIRAN BRIDGE BECALUNGAN BRIDGE INTA BRIDGE BAGAN BRIDGE BAGAN BRIDGE INTA BRIDGE BAGAN BRIDGE BAGAN BRIDGE INTA BRIDGE INTA BRIDGE BAGAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE INTANAN BRIDGE INTANAN BRIDGE INTUKAN BRIDGE KAKAL BRIDGE MAGASLONG BRIDGE KAKAL BRIDGE MAGASLONG BRIDGE MAGASLONG BRIDGE MAGASLONG BRIDGE MATILAK BRIDGE	MATUBER BRIDGE DAROGAO BRIDGE KALIRAN BRIDGE BECALUNGAN BRIDGE INTARABUNAN BRIDGE BAGAN BRIDGE II TAMBUNAN BRIDGE II TAMBUNAN BRIDGE II TAMBUNAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE BAGAN BRIDGE II TAMBUNAN BRIDGE BANGAN BRIDGE III TAMANA BRIDGE BANGASLONG BRIDGE IINTUKAN BRIDGE MATILAK BRIDGE LINTUKAN BRIDGE BUNYAN BRIDGE LINTUKAN BRIDGE BUTTALO BRIDGE LIDZNOG BRIDGE
o N		SK-B31	SK-B32	SK-B33	SK-B34	SK-B35	SK-B36	SK-B37	SK-B38	A LANGE OF THE PARTY OF THE PAR	SK-B39	SK-B39 M-B1	SK-B39 M-B1	SK-839 M-82 M-83	M-B1 M-B3 M-B3 M-B4	M-B1 M-B3 M-B3 M-B4 M-B5	8K-839 M-81 M-83 M-86 M-86 M-86	8K-839 M-81 M-84 M-86 M-86 M-86 M-86	8K-839 M-81 M-83 M-84 M-86 M-86 M-86 M-86 M-86 M-86 M-86 M-86	8K-839 M-81 M-83 M-85 M-86 M-86 M-86 M-88 M-89 M-89	8K-839 M-810 M-86 M-86 M-86 M-87 M-88 M-89 M-89 M-89	M-B11 M-B11 M-B11 M-B11 M-B11 M-B11 M-B11	M-812 M-893 M-894 M-895 M-896 M-898 M-898 M-898 M-898 M-8910 M-9910 M-99	M-B1 M-B1 M-B3 M-B4 M-B6 M-B6 M-B9 M-B9 M-B111 M-B10 M-B11 M-B11 M-B11 M-B12 M-B13 M	8K-839 M-81 M-86 M-86 M-87 M-89 M-811 M-812 M-813	MAB1 MAB2 MAB2 MAB3 MAB6 MAB6 MAB10 MAB11 MAB11 MAB12 MAB13 MAB14 MAB16 MAB17	0.00 0.00 <td< td=""><td>SK-839 M-B1 M-B3 M-B4 M-B6 M-B7 M-B9 M-B11 M-B12 M-B14 M-B15 M-B16 M-B16 M-B17 M-B16 M-B16 M-B17 M-B16 M-B16 M-B17</td><td>8K839 M-81 M-82 M-84 M-86 M-86 M-87 M-811 M-814 M-815 M-816 M-817 M-818 M-816 M-817 M-818 M-818 M-817 M-818 M-818 M-818 M-818 M-818</td><td>0.00 <td< td=""><td>SK-839 M-B1 M-B3 M-B4 M-B6 M-B7 M-B11 M-B12 M-B13 M-B14 M-B15 M-B16 M-B17 M-B16 M-B17 M-B16 M-B17 M-B18 M-B16 M-B17 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B19 M-B18 M-B19 M-B19</td><td>SK-839 M-B1 M-B2 M-B3 M-B6 M-B6 M-B7 M-B11 M-B13 M-B14 M-B15 M-B16 M-B16 M-B17 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B19 M-B19 M-B19 M-B19 M-B19 M-B19 M-B20</td><td>SK-839 M-B1 M-B3 M-B4 M-B4 M-B6 M-B1 M-B12 M-B13 M-B14 M-B15 M-B16 M-B17 M-B16 M-B17 M-B18 M-B19 M-B10 M-B11 M-B12 M-B13 M-B14 M-B17 M-B18 M-B19 M-B10 M-B11 M-B12 M-B22 M-B22 M-B22</td></td<></td></td<>	SK-839 M-B1 M-B3 M-B4 M-B6 M-B7 M-B9 M-B11 M-B12 M-B14 M-B15 M-B16 M-B16 M-B17 M-B16 M-B16 M-B17 M-B16 M-B16 M-B17	8K839 M-81 M-82 M-84 M-86 M-86 M-87 M-811 M-814 M-815 M-816 M-817 M-818 M-816 M-817 M-818 M-818 M-817 M-818 M-818 M-818 M-818 M-818	0.00 0.00 <td< td=""><td>SK-839 M-B1 M-B3 M-B4 M-B6 M-B7 M-B11 M-B12 M-B13 M-B14 M-B15 M-B16 M-B17 M-B16 M-B17 M-B16 M-B17 M-B18 M-B16 M-B17 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B19 M-B18 M-B19 M-B19</td><td>SK-839 M-B1 M-B2 M-B3 M-B6 M-B6 M-B7 M-B11 M-B13 M-B14 M-B15 M-B16 M-B16 M-B17 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B19 M-B19 M-B19 M-B19 M-B19 M-B19 M-B20</td><td>SK-839 M-B1 M-B3 M-B4 M-B4 M-B6 M-B1 M-B12 M-B13 M-B14 M-B15 M-B16 M-B17 M-B16 M-B17 M-B18 M-B19 M-B10 M-B11 M-B12 M-B13 M-B14 M-B17 M-B18 M-B19 M-B10 M-B11 M-B12 M-B22 M-B22 M-B22</td></td<>	SK-839 M-B1 M-B3 M-B4 M-B6 M-B7 M-B11 M-B12 M-B13 M-B14 M-B15 M-B16 M-B17 M-B16 M-B17 M-B16 M-B17 M-B18 M-B16 M-B17 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B19 M-B18 M-B19	SK-839 M-B1 M-B2 M-B3 M-B6 M-B6 M-B7 M-B11 M-B13 M-B14 M-B15 M-B16 M-B16 M-B17 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B18 M-B19 M-B19 M-B19 M-B19 M-B19 M-B19 M-B20	SK-839 M-B1 M-B3 M-B4 M-B4 M-B6 M-B1 M-B12 M-B13 M-B14 M-B15 M-B16 M-B17 M-B16 M-B17 M-B18 M-B19 M-B10 M-B11 M-B12 M-B13 M-B14 M-B17 M-B18 M-B19 M-B10 M-B11 M-B12 M-B22 M-B22 M-B22
		TAMONTAKA - TAPIAN ROAD	TAMONTAKA - TAPIAN ROAD	PINARING-Similman ROAD	PINARING-Simsiman ROAD	PINARING-Simsman ROAD	PINARING-Simsiman ROAD	PINARING-Simsiman ROAD	DINAIS-UPI PHASE 2		DINAIS-LPI PHASE 2	DRANGLEP PHASE 2 Maguindanao 2 MARBEL, ALA, COTABATO ROAD	MAGUINGANDO 2. MAGUINGANDO 2. MARBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD	DINAIGLEI PHASE 2 HAguindanao 2. WARBEL ALA COTABATO ROAD MARBEL ALA COTABATO ROAD MARBEL ALA COTABATO ROAD MARBEL ALA COTABATO ROAD	DNASCLPIPHASE 2 MARGEL-ALA-COTABATO ROAD MARGEL-ALA-COTABATO ROAD MARGEL-ALA-COTABATO ROAD MARGEL-ALA-COTABATO ROAD MARGEL-ALA-COTABATO ROAD	DNAMS-LPIPHASE 2 MARBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD	DNAISCLEIPHASE 2 MAGBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD	MAGNICANS 2 MAGNICANS 2 MARREL-ALA-COTABATO ROAD	CRANSCLEY PHASE 2 MAGREL-ALA-COTABATO ROAD MARREL-ALA-COTABATO ROAD MARREL-LALA-COTABATO ROAD MARREL-LALA-COTABATO ROAD MARREL-LALA-COTABATO ROAD	CRANGLER PHASE 2 MARREL-ALA-COTABATO ROAD ANANG-LIPLEBAK MANANG-LIPLEBAK	MAGNICLA PHASE 2 MAGNICATOR 2 MARREL-ALA-COTABATO ROAD MARREL-BAK AWANG-UPI LEBAK MANANG-UPI LEBAK	DNAMSCLPIPHASE 2 MARGEL-ALA-COTAGATO ROAD MARG	DNAISCLEIPHASE 2 MAGBEL-ALA-COTABATO ROAD MARBEL-ALA-COTABATO ROAD ANANG-LIPILEBAK ANANG-LIPILEBAK ANANG-LIPILEBAK ANANG-LIPILEBAK ANANG-LIPILEBAK ANANG-LIPILEBAK ANANG-LIPILEBAK ANANG-LIPILEBAK	MAGNICHASE 2 MAGNICHANO 2 MARREL-ALA-COTAGATO ROAD MARREL-BAK AWANG-LIFILEBAK MANANG-LIFILEBAK MANANG-LIFILEBAK MANANG-LIFILEBAK MANANG-LIFILEBAK MANANG-LIFILEBAK MANANG-LIFILEBAK	CRANGCLEP PHASE 2 MARRELLALA-COTABATO ROAD ANANG-LIFILEBAK	MAGNELAIPHASE 2 Maguindana 2 MARREL-ALA-COTABATO ROAD MARREL-BAK AWANG-LIFILEBAK	CONAUGLEP PHASE 2 MAGNICHANO 2 MARREL-ALA-COTAGATO ROAD MARREL-ROAT ROAD MARREL-ROAT ROAD MARRIEL-BAK ANVANG-LIFILEBAK AN	MAGREL-ALA-COTABATO ROAD MARREL-ALA-COTABATO ROAD MARREL-BAK AWANG-LIFI LEBAK AWANG-LIFI LEBAK AWANG-LIFI LEBAK AWANG-LIFI LEBAK AWANG-LIFI LEBAK DLLAWAHAMARBEL ROAD DULAWAHAMARBEL ROAD OULAWAHAMARBEL ROAD OULAWAHAMARBEL ROAD OULAWAHAMARBEL ROAD	MAGREL-ALA-COTABATO ROAD MARREL-ALA-COTABATO ROAD MARREL-BAK AWANG-LEI-LEBAK AWANG-LEBAK AWANG-L	MAGNEL-AIA-COTABATO ROAD MARBEL-AIA-COTABATO ROAD MARANS-LIFILEBAK AWANS-LIFILEBAK	CONVOCAPPHASE 2 MAGREL-ALA-COTABATO ROAD MARREL-ALA-COTABATO ROAD ANVANG-LIFILEBAK ANVAN	MAGREL-ALA-COTABATO ROAD MARREL-ALA-COTABATO ROAD MARREL-BAK AWANG-LIFILEBAK AWANG-L	MAGNICANA PHASE 2 MAGNICANA 2 MARREL-ALA-COTAGATO ROAD MARREL-BAK AWANG-LIFILEBAK AW
No		A.	\$	SKp-5 PIN	SKp-5 PP	SKp-5 PIN	SKp-5 PIN	SKp-5 PIN	SKp-4 DIN			1000																					SK6-4 DIA M4-1 M4-1 M4-1 M4-1 M4-1 M4-1 M4-1 M4-1 M4-1 M4-1 M4-1 M4-1 M4-2 AW M4-2 AW M4-3 AW M4-3 DUJ

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Overal	Evaluation	FAR	BAD	POOR	POOR	FAIR	FAR	9000	FAR	FAR	POOR	FAR	BAD	FAR	POOR	FAR	POOR	FAR	POOR	BAD	G000	POOR	BAD	FAR	FAR	FAR	0009	FAR	FAR	FAR		FAR	FAR
	Approach	NONE	NOWE	NOME	NOME	NONE	NOME	NOME	NONE	NONE	NOME	NONE	NOME	NOME		NOME	NOME	NOME	NONE	NOME	NONE	NONE	NOME	NONE	NONE	NONE	NONE	FEW	NONE	NOME		NONE	NONE
	Pier	NONE	LOCAL SCORNG	NONE	MANY	NONE	NONE	NONE	NONE	NONE	NO PIER	NONE	NO PIER	NO PIER	NONE	EXP FOUNDATIO N	NO PIER	NO PIER	FEW CRACKS	Exp. Foundation	NONE	NO PIER	NO PIER	NO PIER	NO PIER	FOUNDATIO	NONE	EQUIDATION	FOUNDATION	NO PIER		NO PIER	NO PIER
	Abut-ment	EXPOSED	NONE	NONE	FEWCRACKS	NONE	NONE	NONE	NONE	NONE	NONE	t	CKS	-	₩ W	NONE	NONE	NONE	FEW	FEW	NONE	FEW	NONE	EXPOSED	NONE	NONE	NONE	NONE	NONE	NONE		NONE	NONE
Derects	Bridge Surface A	CRACKS FO	NONE	NONE	MANY CRACKS FE	FEW CRACKS	FEWCRACKS	NONE	NONE	FEWCRACKS	FEW ORACKS	NONE	SX SX	-	3(5.8	NONE	NONE	NONE	FEW	FEW	NONE	FEW	MARY	PEW FO	NONE	NONE	NONE	NONE	NONE	NONE		NONE	NONE
									-			-																					
	der Deck Slab	NONE	MANY	FEW	T MANY	NONE	NONE	NONE	FEW CRACKS	NONE	AR FEW ALIG		-	-	12.		OR. NONE	NONE NONE	AR FEW	MANY	NONE	FEW	FEW	FEW CRACKS & DEP	NONE	NONE	NONE	NONE	NONE	RR. NONE		NONE	NONE
	w Main Girder	NONE	MANY	FEW	HEAVY LOST OF PAINT	NONE	NONE	NONE	NONE	NONE	FEWLINEAR	CRACK	FEW	NONE	FEW	NONE	HEAVY COR	LIGHT CORR	FEWLINEAR	MANY	NONE	FEW	MANY	FEW	NONE	NONE	NONE	MINOR	NONE	LIGHT CORR		NONE	NONE
	Debris Flow	FEW	FEW	NONE	FEW	NONE	NONE	FEW	FEW	FEW	FEW	FEW	FEW	NONE	FEW	FEW	FEW	FEW	FEW	MANY	NONE	FEW	MADDY	NONE	FEW	FEW	FEW	FEW	FEW	FEW		FEW	FEW
nomeno	River Bed	RISING	LOWERING	LOWERING	RISBNS	RISING	RISBNS	RISING	RISBNG	RISING	UNVARED	LINVARIED	UNVARIED	UNVARIED	UNIVARED	UNVARED	UNVARED	UNVARIED	UNVARIED	UNVARED	UNIVARIED	UNVARED	UNVARIED	UNVARIED	UNVARIED	UNVARIED	UNVARIED	UNVARIED	UNVARIED	UNVARIED		UNVARIED	UNVARIED
Hydraulic Condition	River	CURVE	STRAIGHT	CURVE	STRAIGHT	CURVE	CURVE	CURVE	CURVE	STRAIGHT	CURVE	CURVE	CURVE	CURVE	CURVE	STRAIGHT	CURVE	STRAIGHT	STRAIGHT	CURVE	CURVE	CURVE	STRAIGHT	CURVE	CURVE	STRAIGHT	STRAIGHT	CURVE	CURVE	STRAIGHT		STRAIGHT	STRAIGHT
	Max. Flood Level	-	1.5	6	60	-	-	1.5	-	0.33	3.1	2.2	6	2.5	2	32	2.2	3.1	10	2	2.85	3.3	7.0	2.5	2	2.7	1.6	1.7	2	1.5		7	
Load	(ton) M	1	1	1	5	4	7	51	82	41	20	30	15	10	5	1	t	1	20	0	20	15	15	20	20	20	6	5	5	5		1	7
Year	Built	1958	1	1	1	t	1	1	1	1	1972	1970	1962	1971	1981	2000	2003	1999	1969	1959	2007	1990	1964	1960	1991	1	2005	2003	2003	2003		1960	
Type of	Structure	RC GIRDER	RC GIRDER	RC GIRDER	STEEL	RC GIRDER	RC GIRDER	RC GIRDER	PC GIRDER	RC GIRDER	RCSLAB	PC GIRDER	RC GIRDER	PC GIRDER	STEEL	BAILEY	BAILEY	BAILEY	STEEL	RC GIRDER	RC GIRDER	STEEL	RC GIRDER	RC GIRDER	STEEL	RC GIRDER	PC GIRDER	BAILEY	BAILEY	BAILEY		RC GIRDER	RC GIRDER
		0.48 R	0.47 R	R 77.0	0.00	0.45 R	0.45 R	0.70 R	9 07.0	0.50 R	0.80					1	1	1	97.0	1	0.90 R	97.0	ı	B 15.0	08'0	D.43 R	0.70 P	1	1	i		P. 08.0	
(w)	Sidewalk	0.48	0.47	77.0	00.00	0.45	0.45	0.70	0.70	0.50	0.80	0.75	1	0.78	89'0	- 1	1	1	97.0	ī	06.0	97.0	t	0.51	08'0	0.43	0.70	ŧ	,	ī		0.80	
Bridge Width (m)	Carriage- way	6.80	6.80	6.80	6.10	7.00	7.00	7.40	7.40	6.80	7.30	7.40	98.9	7.40	7.40	18.6	9.87	9.87	6.85	6.50	7.60	6.85	6.50	7.36	7.85	6.70	7.35	7.37	7.37	7.40		06'9	
	Total	8.36	8.34	o	7.1	9.6	9.6	9.4	4.6	8.4	96	980	7.86	8.97	8.76	11.27	11.27	11.27	8.35	7.50	9.40	8.35	7.50	8.38	9.45	7.56	8.75	8.83	8.83	9.20		8.5	
Span	Arrangement (m)	21	11 96+14+14+12	6+15+15+15+10	26 9+23 9+24 5+24 7+ 24 8+24 8+24 8+24 9+ 34 7	12.2	4+16.1+4	9.9	31+46+31	2.25+13.5+2.25	31.93	15.56+15.72+	12.03	28.05	14.35+22.23	31,75	24.00	24.38	14.95+14.98+	9+9	11.85+36+	23.82	00.9	24.15	8.8	3+14+3	23.06	39.62	36.57	34.60		20.4	
	Spans Arran	-	11.96	6+15	26 9+29	-	6	-	31	3 2.25		Ť			+	-	-	-	3 14.9	2	5	-	-		-							-	
			75											+								1											
tion Brid	Length (m)	21	5 51.96	19	224	12.2	24.1	9.9	108	18	31.93	47.04	12.03	28.05	36.58	31.75	24.00	24.38	59.85	12.00	60.60	23.82	6.00	24.15	48.8	20.60	23.06	39.62	36.57	34.60		20.4	
Bridge LoCSSa	(Km Post)	1646+292.6	1650+581.75	1658+533	1570+013	1653+634	1654+104	1655+404	1660+562	1660+996	2+879	8+848	11+160	15+460	25+640	50+695	62+575	64+057	1+144	10+343.5	14+838	23+340	23+970	24+600	28+360	37+660	46+050	54+256	59+650	62+350		21+600	
	Bridge Name	DAMAWATO BRIDGE	ALIP BRIDGE	BULUAN BRIDGE	PAGALUNGAN BRIDGE	KAYAGA BRIDGE	BULIT BRIDGE	PAGAGAWAN BRIDGE	TUNGGOL BRIDGE #2	TUNGGOL BRIDGE#1	BINLIANGAN BRIDGE	BALAGTASAN BRIDGE	KAHIBAAN BRIDGE	MALOONG BRIDGE	GUBAWAN BRIDGE	BOHE BASILAN BRIDGE	MANICAHAN BRIDGE	TUMAHUBONG BRIDGE	AGUADA BRIDGE	LUNOT BRIDGE	KUMALARANG BRIDGE	BATUNGAL BRIDGE	BANAS BRIDGE	GALAYAN BRIDGE	MALUSO BRIDGE	ABONG ABONG BRIDGE	CABCABAN BRIDGE	LIMBO CANDIS BRIDGE	GUEONG BRIDGE	BACUNG BRIDGE		BILAAN BRIDGE	SAPA BI INI IAN BRIDGE
Sridge	è	M-B24 D	M-B25 A	M-826 B	M-827 P	M-B28 K	M-829 B	M-B30 P	M-831 T	M-B32 T	- m					8-86	8-87 N	8-88	8-89	B-B10 L	8-B11 K	B-B12 B	8-813 8	B-B14	8-B15 N	B-816 A	B-817 C	B-B18	B-B19	B-B20 B		S1-B1	e1.82
	Name of Road	KIDAPAWAN-ALA JUNCTION	KIDAPAWAN-ALA JUNCTION	KIDAPAWAN ALA JUNCTION	KABACANMUNTAWAL- PAGALUNGAN RD	KABACAN-MUNTAWAL- PAGALUNGAN RD	KABACAN-MUNTAWAL- PAGALUNGAN RD	KABACANAUNTAWAL- PAGALUNGAN RD	KABACANMUNTAWAL- PAGALUNGAN RD	KABACAN-MUNTAWAL- PAGALUNGAN RD	Basiran					LAMITAN-TIPOTIPO-TUMAHUBONG ROAD	LAMTAN-TROTPO-TUMAHUBONG ROAD	LAMITAN-TIPOTIPO-TUMAHUBONG ROAD	ISABELA-MALUSO ROAD	ISABELA-MALUSO ROAD	ISABELA-MALUSO ROAD	SABELA-MALUSO ROAD	ISABEL A MALUSO ROAD	ISABELA - MALUSO ROAD	ISABELA-MALUSO ROAD	MALUSO-SUMSIP-TUMAHUBONG ROAD	MALUSD-SUMSIB-TUMAHUBONG ROAD	MALUSO-SIMISP-TUMAHUBONG ROAD	MALUSO-SUMSIP-TUNAHUBGNS ROAD	MALUSO-SUMISP-TUMAHUBONG ROAD	Suiu-1	ROM CAMP ANDRES ROAD.	BOM CAMP ANDRES BOAD
Road	Š	M-4	M.4	Ĭ.	M-5	M-5	M-5	M-5	M-5	M-6	2					B-2	B-2	B-2	P. P.	7	4	B-4	4 8 4	4	B-4	B-5	B-5	8-6	B-6	8-6		51-1	64.1

Overall	Evaluation	0000	FAIR	FAR	FAR	0000	4	FAIR	FAR	1	·r	FAR	FAR	FAR	FAR	FAR	FAR	FAIR	FAIR	FAR	ī	1	1		FAIR	FAR	P0009	FAR		FAR	FAR	FAR	POOR
	Approach Road	NONE	NONE	NONE	NOME	NONE		NOME	NONE			NONE	NONE	NONE	NOME	NONE	NOME	NONE	NONE	FEW					NONE	NONE	MUCH	МОСН		NONE	NONE	NONE	NONE
	Pier	NO PIER	NO PIER	NO PIER	NO PIER	NO PIER		NO PIER	NO PIER			NO PIER	NOPIER	NO PIER	NO PIER	NO PIER	NO PIER	NO PIER	NO PIER	NO PIER					NO PIER	NO PIER	NOPIER	NO PIER		NO PIER	NO PIER	NOPIER	NOME
Defects	Abut-ment	NONE	NONE	NONE 1	NONE 1	NONE P		NONE	NONE			NONE	NONE	NONE P	NONE 1	NONE	NONE 1	NONE	NONE	EXP. POUNDATION					NONE P	NONE	NONE	NONE		FEW	FEW	FEW	FEW
						NONE			NONE																NONE								FEW
	Slab Bridge Surface	E NONE	E NONE	E NONE	E NONE			E FEW				E NONE	NONE	E NONE	E NONE	NONE	E NOVE	E NONE	E NONE	E NONE						E NONE	v Makiv	NONE		E NONE	E NONE	NONE	
	rder Deck Slab	NONE	NONE	NONE	NONE	NONE		NONE	NONE			NOWE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE					NONE	NONE	FEW	NONE		NONE	NONE	NONE	FEW
	low Main Girder	NONE	NONE	NONE	NONE	NONE		NONE	NONE			NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE					NONE	NONE	NONE	NONE		NONE	NONE	NONE	NONE
	Debris Flow	D FEW	P FEW	PEW PEW	FEW	PEW		D FEW	FEW			FEW	D FEW	D FEW	D FEW	FEW	D FEW	FEW	D NOVE	G FEW					D NONE	D FEW	D FEW	D FEW		D FEW	D FEW	D FEW	FEW
Hydraulic Condition	River Bed	UNVARIED	UNVARIED	UNVARIED	UNVARIED	UNVARIED		UNVARIED	UNVARIED			UNVARIED	UNVARIED	UNVARIED	UNVARIED	UNVARIED	UNVARIED	UNVARIED	UNVARIED	LOWERING					UNVARIED	UNVARIED	UNVARIED	UNVARIED		UNVARIED	UNVARIED	UNVARIED	UNVARIED
Hydraulic	River	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT		STRAIGHT	STRAIGHT			STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT					STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT		CURVE	STRAIGHT	STRAIGHT	STRAIGHT
	Max. Flood Level	5.1	1.5	1.5	1.5	24		1.5	-			-	2	1.5	1.5	1.5	1.5	-		2					23	-	970	-		OVER	s.	1.2	12
Load (ton)		1	1	1	t	1		1	1	t	1	1	1	ı	1	1	1	t	t	1					1	1	1	ı		01	0	vo.	20
Year Built		2002	1958	1960	1960	2002	1965	1957	1967	1	1	1958	1959	1959	1959	1962	1960	1960	1960	1	į	1	t		1	ī	ñ	i		1968	1968	2000	1004
Type of	Structure	BAILEY	RC GIRDER	RC GIRDER	RC GIRDER	BAILEY	1	STEEL	STEEL	1	1	RC GIRDER	STEEL	RC GIRDER	RC GIRDER	STEEL	STEEL	RC GIRDER	RC GIRDER	RC GIRDER	ı	1	ī		RC GIRDER	RC GIRDER	RC GIRDER	RC GIRDER		RC GIRDER	RC GIRDER	BAILEY	PC GIRDER
di l	rafk R	00:00	0.00			0.00		0.00	00.0	1	1	00.0	00.00	0.65	06.0	0.00	00.00	0.70		08.0	1	1	1		0.50	1	1	ij		75.0	0.57	00.0	4 40
	Sidewalk	00:00	0.00	0.75	09:0	0.00		0.00	0.00	i	1	0.00	0.00	99'0	0.90	0.00	0.00	0.70	0.30	0.80	1	1	ı		0.50	1	1	i		75.0	75.0	0.00	4 40
	Carriage- way	7.46	7.20	7.00	4.80	7.50	1	7.35	7.60	i	ı	6.00	7.00	6.00	6.30	5.50	8.00	009	2.00	7.00	ı	1	1		6.00	9009	9.00	7.00		6.80	08.9	7.36	000
	Total	996	80	8.5	9	7.6		7.35	9.7	1	1	7.6	7	7.3	8.1	5.5	80	7.4	9.0	9.6	ı	1	ŧ		7.8	7.5	9.5	7.6		7.56	7.94	9.84	400
Span	Arrangement (m)	21.35	n	25	52	30.5	10	6.1	6.1	1	1	ō	9	10.2	9	7.8	9	9.9	00	15	ı	1	1		11	9	ю	9.6		7.96	12.1	18.3	28 5428 5
	Spans	-	-	-	-	-	-	-	-	i	1	-	-	-		-	-	-	-		i	i	Ţ.		-			-		-	-	-	
	Length (m)	21.35	60	24	12	30.5	40	6.1	6.1	1	1	6	6.2	10.2	5	7.8	7	99	00	15	ī	1	1		E	9	6	9.9		7.96	12.1	18.3	22
ridge LoC\$Sation	(Km Post)	10+020	13+960	1+700	10+468	15+220	8+790	8+870	10+250	er.	1	15+010	16+421	17+040	17+340	17+640	18+110	19+830	20+830	27+700	ı	-1	1		31+560	34+190	42+470	43+470		4+610	7+100	2+280	84300
	Bridge Name	PALAN BRIDGE	SUMAINANG BRIDGE	LEGUAN BRIDGE	LIKUP BRIDGE	SAPAH MALAUM BRIDGE	DUANA BRIDGE	KAUNAYAN BRIDGE	MAGLIBAK BRIDGE	TIBONG BONG BRIDGE	KANAGI BRIDGE	LUBLUBAN GADJA BRIDGE	S1-B14 TAUNG BRIDGE	S1-B15 BINUANG BRIDGE	S1-B16 TUBURAN BRIDGE	TUMARIKIN BRIDGE	LUBAKAN BRIDGE	UKILAN BRIDGE	KANDADUPAN BRIDGE	MANAHUL BRIDGE	DAURAU BRIDGE	KANDAYUK BRIDGE	KANBINING BRIDGE		LIKUP BRIDGE	SAPA VIRAY BRIDGE	PANG BRIDGE #1	PANG BRIDGE #2		MAGSAGGAO BRIDGE	TARAWAKAN BRIDGE	SUWANGKAGANG BRIDGE	SANGA-SANGA BRIDGE
Bridge	ğ	S1-B3	S1-B4	S1-B5	S1-B6	S1-B7	S1-B8	S1-B9	S1-B10	S1-B11	S1-B12	S1-B13	S1-B14	S1-B15	S1-B16	\$1-817	S1-B18	S1-B19	S1-B20	S1-B21	S1-B22	S1-B23	S1-B24		S2-B1	\$2-B2	\$2-B3	\$2.B4		1.81	T-82	1-83	T-84
7	Name of Road	JCT TIMBANSAN-ROMANDIER ROAD	JCT. TIMBANSAN-ROMANDIER ROAD	JOCO-INDANANPARANG- SILANGKAN ROAD	JOLO-INDANANPARANS- SILANGKAN ROAD	JOLG-INDANAN-PARANG- SILANGKAN ROAD	JOLO-TAGLIBL'TRTIPON ROAD	JOLO-TAGLIBLTPTPON ROAD	JOLO-TAGLIBITIPTIPON ROAD	JOLO-TAGLIBI-TIPTIPON ROAD	JOLO-TAGLIBITIPTIPON ROAD	JOLO-TAGLIBI-TIPTIPON ROAD	JOLO-TAGLIBL TIPTIPON ROAD	JOLO-TAGLIBI-TPTIPON ROAD	JOLO-TAGLIBLTPTIPON ROAD	JOLO-TAGLIBL TIPTIPON ROAD	JOLO-TAGLELTPTPON ROAD	JOLO-TAGLELTPTIPON ROAD	JOLO-TAGLIBI-TIPTIPON ROAD	JOLO: TAGLIBITIPTIPON ROAD	JOLO-TAGLIBLTIPTIPON ROAD	JOLO-TAGLELTIPTIPON ROAD	JOLO-TAGLIBITIPTIPON ROAD	Sulu-2	ROMANDIER-CAMP ANDRES. TANDU BATO ROAD	ROMANDIER.CAMP ANDRES. TANDU BATO ROAD	SEIT-TAYUNGAN CAMP ANDRES ROAD	SEIT-TAYUNGAN CAMP ANDRES ROAD	TAMI-TAMI	BATO-BATO-TARAWAKAN ROAD	BATO-BATO-TARAWAKAN ROAD	BONGAG-PAHUT SANGA-SANGA	BONGAC-PAHIT SANGA-SANGA
pe	Š	S1-2 NO	S1-2 SC	S1-3 SI	S1-3	S1-3	S1-7 JC	S1-7	S1-7 JC	S1-7 JC	S1-7	S1-7	S1-7 JG	S1-7	S1-7	S1-7 JC	S1-7 JC	S1-7	S1-7 JC	S1-7 JG	S1-7 JG	S1-7	S1-7	S.	S2-1 RG	S2-1	S2-2 SE	\$2-2 SE	4	T-2 B/	T-2 B/	T-1 B(2