#### APPENDIX-R3 COST ESTIMATE OF EACH STUDY BRIDGE (218 BRIDGES)

No.	Кәу	State	Seat Year	Max. Span	No's of Spens	Span Longsh (m)	Type of Bridge	Rehabiitaton Plana	Unit	Onwah	Unit Price (MB)	Amount (M\$)	Total Amount (M\$)	Romerks
24	00184900	Kedeh	1950	(M) 5.20	1	6 20	RC8	DCRF-8WA	M2	30.0	7600	22,800	60,603	
1			1		٠.	۱ '		ARF-PAL SAPA	M3	27.0 10.4	190.0	5,130 250		
								SFR8	M2	15.0	41.0	618		
						1		DCPA - WPL COFFERDAM	M2 No	44.0	76.0 13703.0			H-1.0
						ļ		BCAFFOLDING	MS	52.0	21.3	1,109		
25	00184980	Kedah	1980	4.54	'	4.64	RC\$	EAN Ean	u	9.9 14.0	24.0 1190.0	223 16,680	22,023	-
								ASIN	No	2.0	3020.0	6,040		
28	00189310	Kedah	1940	3.23	'	3 23	588	SSPR-REP DSRP-TOR	M2	25.0 22.0	0.0		38,845	
					-			APR-INJ	H	8.0	1200	720		
						1		BRP-TOR(S) DETOUR	No	15.0 43.2	0.0 800.0			•
27	00226560	Pahang	1988	8.25	1	6.28	58B	SBPA-REP	M2	7.8	0.0	0	E9,269	
						1		DSRP-TOR BRP-TOR(S)	M2 Ho	67.1 14.0	660.0			·
								DETOUR	М	46.3	5900	27,293		
26	00224970	Pahang	1955	3.03	1	3.03	KOR	OCPR-SHT ARF-PAL	M2	62.0 83.0	1800	\$8,442 15,770	92,265	
								COFFERDAM	No	2.0	13700.0	27,400	;	H=1.0
29	00230860	Pehang	1987	6.40	- 1	6.40	PAB	SCAFFOLDING DCPR-WPL	M2	30.3 43.4	21.3 78.0		41,724	
						1		ARF-SP	М	7.6	1770.0			
						1		E.RP SARE	M	15.6 12.8	1190.0 178.0			·
						i		SFRS	142	8.0	41.0			
30	00231790	Pahang	1960	7.76	i	7.75	RCB	WWRS NON	863	6.0	6020	2,500	0	NO DEFECT DETECTED
31	00232860	Pahang	1963	11.08	1	11.08	PRS	DCPR - WPL	M2	76.4	75.0		153,680	
	:				l			ARF-TOL ARF-SP	Hi Hi	32.0 29.4	348.0 1770.0			309x390
			1.			ł		EJRP .	М	19.0	3020.0	57,380		
32	00207200	Pehang	1950	8,90	3	28.70	283	COFFERDAM	No	20	13700.0	27,400 223,845		H-1.0 INCLUDED IN DETAILED SURVEY
33	00303220	Johor	1940	4.84		4.84	SSE	CBPR-PAT	N5	2.5	2700	675	49,955	
i i			1			) '	Ì	SSPR-REP ARF-PAL	M2	3.6 40.0	1920		,	
					·	l	:	SAAE	M	15.0	178.0	2,840		
								PFPR-REP COFFERDAM	M2 No	40.0				H-1.0
								SCAFFOLDING	M2	48.4	21.3	1,031		
34	00303430	Johor	1940	4.90	5	4.90	58C	SBPR-REP OCPR-PAT	M2	42.0 6.0	2700		45,790	
						[ i		OCPR-WPL	H2	47.0	76.0	3,525		
				Ì '	Ĭ	1	Ì	ARF-PAL AFPR-FPO	M2	72.0	190.0			
					ĺ	1		COFFERDAM	No	2.0	13700.0	27,400		H=1.0
25	C0303890	Johor	1940	4,53	2	9.16	ACS	SCAFFOLDING DCPR-PAT	M2	49.0	21.3		101,419	
	00303890	3011G	"	1,20	_	•		DCPR-WPL	M2	50.6	75.0	4,645	, i	
				l i	į			ARF-PAL SRRE	H	14.0				509x300
				İ				ADD-IS	142	38.0	1560.0	59,280		
			]	)	١.	1		COFFERDAM SCAFFOLDING	No M2	91.8				H-1.0
38	00304080	Johar	1983	36.65	8	\$2.25	RÇŞ	DCPR-INJ	М	27.0	1200	3,240	146,630	
				}	ŀ	į.		DCPR-PAT SFRS	M2	32 644.8	270.0			
			1.					E-RP	М	50.0				
						l		ASIN SCAFFOLDING	No H2	9225	3026.0			
37	00304390	Johor	1928	3,35	1	3,25	SEC	SBPR-REP	M2	32.0		1,856	90,971	
		1	1.	Ì			ŀ	ARF-PAL RTFR	M2	18.0			ļ	
			1					RING-SUP	M2	36.9	680.0		1	REPLACEMENT OF DECK SLAB
			1	1	l			SCAFFOLDING	No M2	2.0 33.5	13700.0	714		H=1.0
				<u></u> _		<u> </u>		DETOUR	N	43.4	500.0	25,577		
38	00396390	Sorier	1074	16.57	8	64.57	17	CSPR-PAT DCPR-WPL	M2	9.4	78.0	34,973	1	
į į	:			<b>{</b>	ļ	1		EJRP	ы	45.4	3030.0			
39	00306719	Johor	1969	10.90	7	81.98		SCAFFOLDING DCPR-WPL	M2 M2	645.7 4120				
33	00300710	~~~	'	1	· ·			DCPR-PAT	M2	0.2				
						1		PPR-PAT SFRS	M2 M2	40.0		1,640	1	
			ĺ			į .		SARE	14	40.0				
		· .			į		l .	EAN SCAFFOLDING	M2	50.6 519.8				
69	00313190	Johor .	1950	4,40	ī	4,40	SBE	DCPR-IN1	И	1.0				<b>\</b>
			1.	1	ļ			CSPR-PAT ARF-PAL	142 142	0.5 55.0				<u> </u>
		1	1	1 2	ļ			WARS	143	36.0	6000	21,600	1	<u> </u>
		· .			1			EJRP	M	18.5				
				1				ADD-18	M2	17,6	1580.0	27,456	]	19-10
			İ	1	ĺ			SCAFFOLDING	No M2	44.0			ì	N=1.0
41	00313520	Pahang	1960	1.90	2	3.60	RCS	OCER-PAY	Ma	1.0	2740	270	114,609	
"				1				ARF - PAL PRF - PAL	M2	38.0				
		}		1			[	APR-INJ	M	32	120	364		
			1		ļ.			EJN ADD-IS	M2	16.2				
			j ·	1	<u> </u>			COFFERDAM	No	2.0	13700.	27,400		H=1.0
.	7 - 1							COFFERDAM SCAFFOLDING	No Li2	36.0				H=1.0
		<u> </u>	<u> </u>	L	<u> </u>	1	L	1-0						

### APPENDIX-R3 COST ESTIMATE OF EACH STUDY BRIDGE (218 BRIDGES)

No.	Key	State	Yest Built	Мах. Вреа	No's of	Span Length	Type	Rehabilitation Plans	Unit	Quently	Unit Prios	Amount	Total Amount	Remerks
	00314160	Johor	1004	(m) 5.50	Spens 2	(m) 11.00	Bridge Brid	AFPR-REV	693	20.0	(M8) 140.0	(818) (818)	(\$4\$) 231,031	
42	00314160	Johan	100,54	5.00	*	11.00	-110	EJRP	М	23.7	1190.0	28,203	•	
. ]								PRF-TOL	No	16.0	3030.0	5,220 6,040		310x310
i		i						ASIN WANRP	543	20.0	600.0	12,000		
								DANE	No	4.0	3900	1,560		+
		1						SRPR	M	55.0	24.0	520		4
1								RTRE-SO COFFERDALI	242 No	0.1	3100 23400.0	181,260		H-2.0
43	00318745	Pahang	1965	3.67		5.67	ACS	DCRF-SYA	M2	36.0	760.0	27,380	65,634	
[			'''					DCPR~WPL	M3	91.0	76.0	2,328		
							-	ARF-PAL	H2 H	28.8	1700	5,054 1,760		
								EAN	и	13.3	1190.0	18,927		
- )		]						COFFERDAM	No	5.0	16500.0	33,000		H-20
			,					SCAFFOLDING	M2	50.7	21.3	1,208		INCLUDED IN DETAILED SURVEY
44	00317000	Pahang	1974	45.78 30.46	- 9	397.32 121.96	PCB PCB					2,053,043 293,327		INCLUDED IN DETAILED SURVEY
46	00319110	Pahang Pahang	1950	5.67	2	11.34	PRB	DCFR-WPL	142	85.0	78.0	6,375	84,013	
- 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							EJAP	M	25.0	1190.0	29,739		
l								AFPR-REV PRF-TOL	743	58.0 15.0	140.0 348.0	7,840 5,220		310:310
İ								WMRP	W3	9.0	600.0	6,400		
								ASIN	No	3.0	3020.0	6,040	100	
								COFFERDAM	No	1.0		23,400		H-2.0
47	00323070	Pening	1965	10.42	3	31.28	RCS	APR-INJAQ ARF-PAL	M	1.5 18.0	1400 4160	210 8,240	108,330	390x390
								AFPR-REV	M2	40.0	140.0	5,600		
Į								WWRP	МЭ	13.6	\$00.0	0,100		l
ļ		1	] ]			]		PRF-PAL SRPR	M	30.0 62.5	416.0 24.0	12,400 1,500		390x390
		ļ						COFFERDAM	M. No	92.0	13700 0	27,400		H=1.0
-	١.					<u>L</u> !		COFFERDAM	No	2.0	23400.0	45,000		H-20
40	00326020	Pahang	1965	6.73	1	5.73	PRB	DCPR-WPL	M2	37.6	75.0	2,820	68,172	
								ARF-PAL	M	18.0	34&0 17&0	6,588		310:310
	ļ							SRAE EJN	M	12.3	176.0	2,147 14,537		
	-							COFFERDAM	No	2.0	16500.0	33,000		H=2.0
4.9	00326950	Pahang	1965	8.68	4	23.52	PRB	DCPR-WPL	142	45.2	75.0	3,390	164,087	
	į							PRF-TOL	H	36.0 16.0	348.0	12,520 5,566		300x300 300x300
			li					ARF-PAL EJAP	i ii	35.9	1190.0	43,852		1
								SRPR	H	47.0	24.0	1,129		
								COFFERDAM	No	3.6	23400.0	70,200		H-2.0
		<b></b>	ļ				0.00	COFFEADAM	No No	2.0 30.0	13700.0	27,400	260,787	H=1.0
50	00336310	Pahang	1958	12.00	3	30.00	ACS.	BPR-REP EJRP	M	31.2	3920.0	94,224	200,101	
į		1	f					PRF-PAL	H	30.0	416.0	12,480		400x400
		1.		l		1 1		PPR-PAT	¥2	0.4	270.0	101		
		!						SRPR ADD-18	M 342	72.0 74.4	24.0 1580.9	1,728		
ŀ		l '						COFFERDAM	No.	2.0	17900.0	35,600		H=1.0
51	00397240	Pehang	1957	6.58	1	3.58	RC5	ARF-PAL	142	38.6	180.0	7,315	60,661	
l		1						E.RP	M	13.4	1190.0 13700.0	18,946		  H=1.0
	00338560	Terran	1965	28.03	15	21913	PCB	COFFERDAM	No M2	2330.0	3000.0	27,400 7,014,000	7,014,000	TOTAL REPLACEMENT
53	00339210	Terenggenu Terenggenu	1953	15.22	10	152.20	PCB	CBRF-6SP	142	<b>60.0</b>	930.0	74,400	558,494	
l		1						CBRF-LIQ	142 142	1830	2940.0 270.0	515,340		
		l				ļ 1		APR-PAT PPR-PAT	142	36.0	2700	1,080 9,720		<b>.</b>
		i						SFR5	142	1350	41.0	5,535		
]		<u> </u>		l		ļl		SCAFFOLDING	M2	1522.0	21.5	32,419		WOLLDES HARTS ES ALBUM
64	09341600	Terengganu	1955	12.16 30.80	3	3814 15228	RCB PCB	<u> </u>	1			795,180 3,314,414		INCLUDED IN DETAILED SURVEY
66	00348740	Terangganu Terangganu	1973	30.60 5.53	2	15228	PRB	l					7/2/2/2/2	BRIDGE HAS BEEN REPLACED
57	00354830	Tecenggenu		5.98	3	17.85		DCPR-WPL	₩2	1350	78.0	10,125	57,151	
1		'				} i		EJRP	N Ave	35.0	1190.0 270.0	42,702 432		
ļ								CEPR-PAT SCAFFOLDING	M2	1.6 178.6	270.0	3,802		
56	00366790	Terengçanu	1959	5.90	9 ~	53.10	PRB	OCPR-WPL	M2	370.0	75.0	27,780	45,590	
		"		1				apri –inj	M	1.2	1500	149		
		ļ	<u>  -</u>			<b> </b>	pon	CRRE	M2	108.2	176.9 270.0	18,691 1,863	50,746	
59	00357200	Terengganu	1959	5.94	3	5.94	PRB	CRPR - PAT	M2	\$1.9	£0.0	1,663 594	OV,140	
į			j					EJRP	M	31.6	1190.0	37,604		
1				l				APR - UVJ	М	1.0	120.0	120		
1			1					DCPR-WPL	M2	124.0 59.4	75.0 21.3	9,300		
60	00357270	Terangganu	1957	5.89	2	11.79	PRB	SCAFFOLDING CBFR-PAT	M2	8.0	270.0	2,180	46,374	
•	35307210				-		<del>-</del>	DCPR - WPL	142	82.2	75.0	6,105	•	
- 1								EJRP	И	23.8	1190.0	28,322		
}			l					CRPR ASIN	M No	23.6 2.0	50.0 3020.0	1,178 6,040	٠.	•
- [						j . i		SCAFFOLDING	M2	117.8	21.3	2,509		
51	00381490	Terenggenu	1960	6.01	3	16.03	PAB	DCPR - WPL	942	125.1	75.0	9,363	96,131	
ŀ				1				APR-PAT	M2	0.2	270.0	41		
ĺ				1		, !		EJPP PRF - TOL	М	13.3	1190.0 416.0	15,875	1.	400x400
- 1			l			·		ASIN	No	2.0	3020.0	6,040		•
ļ				1				DARF	No	12.0	390.0	4,580		l
		L					505	COFFERDAM	No	2.0	23400.0	46,800	70 841	H-20
62	00363630	Terengganu	1965	5.84	1	5.84	FAB	ARF-5P DCPR-WPL	M2	17.9 55.0	75.0	31,718 4,125	38,061	
				. [		4		SFRE	MZ	2.4	41.0	90		· .
_						1		SRRE	и	12.2	176.0	2,140		
63	00365590	Kelantan	1952	5.41	6	32.46	PRB	CEPR-PAT	M2	22.1	0.0	24 800	569,988	205-205
				i	i	j i		PRF-PAL ARF-6P	M	100.0 7.0	3480 1770.0	34,800 12,427	:	305×305
	ŀ		ļ	į				EJAP	M	421	0.0	0	:	·
- 1				l				SFRS	J/12	87.3	0.0	0		DEDI ACCHENT OF FURCOSTONIOTIES
	ļ	!		l				RING -SUP ADD -IS	M2	193.0	1560.0	202,800		REPLACEMENT OF SUPERSTRUCTURE
-	,							me 11 7 se 27b		130.0	1 000.0			
	Į			-				COFFERDAM	No	5.0	23400.0	117,000		H=2.0

### APPENDIX-RS COST ESTIMATE OF EACH STUDY BRIDGE (216 BRIDGES)

No.	Key	State	Year Buit	Max. Spen	No's	Bpan Longth	Type	Rehabilitation Plans	Unit	Quently	Unit Price	Amount	Yotel Amount	Remarks
	00365890	Kelantan	1951	(m) 4.70	139 KM #	(m) 9.58	RCS	DCRF-SWR	M2	81.0	(M#) 7600	(#\$) 81,500	(148) 135,089	
64	0030000	(Asim) for 12			'			ARF~PAL	M	24.0	348.0	9,352	100,000	308±305
				1	·		٠,	PRF PAL	M	12.0	3100	4,178		305x305
			]			. :		SFRS COFFERDAM	M2 No	62.4	23400.0	2,860 23,400		H=80
.					[ ·			COFFERDAM	No	2.0		33,000		H∞2.0
- 65	00368300	Kelantan	1965	4.84	2	9.88	ACS	SCAFFOLDING OCRF-SWR	M2	95.6 39.0	21.3 760.0	2,041 26,880	115,329	
"			'**					EJRP	М	15.2	1190.0	10,039		
					•			DCPR-PAT ARF-PAL	M M	3.0 24.0	270.0 348.0	810 9,352		305x305
Į			ĺ		1	]		APR-PAT	M2	0.1	2700	32		544343
				-		1		PRF-PAL	W	18.0		6,261		395x305
- [					İ	1 1		SFR8 COFFERDAM	M2 No	1.0		23,400		H-2.0
								COFFERDAM	No	2.0	13700.0	27,400		H=1.0
		ļ. <u></u>	1905	£1.8 <del>9</del>	-	47.52	RCS	SCAFFOLDING DCPR-PAT	M2	98.6		2,062 640	398,384	
60	00505380	Johor	\ '*°	11.94	1	17.02	100	PPR-PAT	142	2.0			3.000	
	:	ļ			1			PRF-PAL	М	84.0				D510
					1	ļ ·		PPR-INJ EJRP	M	2.0 75.0				
		ŀ			1	i .	.	DERF	No	24.0	390.0	9,360		
								AFPR - REV	M2	25.6 3.0				H-3.0
٠ ا								SCAFFOLDING	M2	4752				K-10
87	00505570	Johor	1971	15.09	3	35.17	IT	DCPR-WPL	142	141,0	75.0	10,575	201,999	
- 1		1						PRF-PAL EJRP	M M	42.0 38.6				300x300
- 1		ļ						SRPR	M	72.3	24.0	1,735		
ļ	•	l			· ·			DRRF	No	30.0			ł	u_2^
59	00507230	Johor	1966	11.77	3	35.21	PCB	APR-INJ	No M	2.0			172,696	H-2.0
04	00001830	301101	""	,,,,,	1 -		"	BPR-REP	No	24.0	12.0	268	[	
- 1								PRF-PAL	М	36.0				350x350
1		l						APR-PAT	M M2	29.2				
ı		1	]					AFPR-REV	M2	35.0	1400	5,040		
- 1		1	1		1			6FA5	113	267.0				
		1	]		i '			COFFERDAM	No No	2.0				H=2.0
69	00507810	Johor	1968	12.09	- 5	47.03	IT	COPR -PAT	MZ	0.3	2700	86	342,079	
		1	1		ļ	[		AFPR-REV	M2	20.0			ļ	}
į						İ		PRF-FAL	M	55.6 72.0				350x350
ļ			1					COFFERDAM	Na	4.0	32000.0	128,000	1	H=3.0
					<u> </u>	<u> </u>		SCAFFOLDING	M2	478.3			143,454	
70	00510560	Johor	1960	10.42	3	31.24	RCB	BPR-REP ARF-PAL	No M	20.0				400X400
			1		1			ASIN	No	2.0				
	**	· ·				1		EJRP	Ш	14.6			ļ	1001100
		1						PRF-PAL PPR-PAT	MS	30.0			1	400,400
					1			COFFERDAM	No	2.0			1	H=1.0
		İ			L	ļ <u>.</u>		COFFERDAM	No	2.0				H-2.0
71	00512960	Johor	1965	11.30	3	30.22	RCS	PRF - PAL SFRE	M2	42.0 854.6			500,752	380x360
		İ			1	1		ASIN	No	2.0			j	
							ĺ	SRPR	М	70.4				RIGIO FRAME TYPE
						1 .		ABUT REPLACE.	M	46.0			1	H-2.0
72	00514300	Jož or	1960	10.45	3	22.07	11	DCPR-WFL	M2	2932	75.0	21,990	80,263	
~]	<b>V</b> 021 <b>V</b> 000	1				1		E-RP	М	12.7			1	
-								AFPR-REV	M2 M	78.2 12.7			ł	
ļ					į		1	PPR-PAY	M2	12	270.0	324	1	1
		1						ASIN	No	2.0 45.2			{	
		<del> </del>	1000	6.31		6.31	RCB	SRPR CBRF-BSP	M2	10.6				
73	00514370	Johor	1950	0.31	'	""		ARF-PAL	142	12.0	190.0	2,280		
					1			SABI	M	14.0				H=1.0
		1			1			COFFERDAM SCAFFOLDING	H2	63.1				the state of the s
74	00514860	Johor	1955	6.97	,	45.03				-	-		-	BRIDGE HAS BEEN PLANNED TO BE RELACED
78	00516890	Johor	1950	6.30		17.82		CBPR-PAT	112	3.9				350x380
1					l	1	]	FRF - TOL BPR - REP	No.	30.0 25.0			-	
-				-	i	1		COFFERDAM	No	5.0	23400.0	48,800	1	H-2.0
		L			<u></u>		<u> </u>	5CAFFOLDING	142	178.2			224 244	360x380
76	00519360	Melaka	1965	6.22	7	42.70	RCS	PRF-TOL DCPR-WPL	M2	90.0 292.0				
- 1		ļ					1	SRRE	k!	85.7	1760	15,683		1
.	19 19				i	1	١.	DCPR-PAT	M2	1.4			1	H=2.0
								SCAFFOLDING	M/S	8.0 427.0				
77	00519530	Melaka	1960	4.95	1	4.95	PRB	APR-PAT	M2	6.8	270.0	1,835	2,931	
	. 300.894		"		i		1	DCPR-PAT	M3	0.2			ļ	
		ļ				1 250	PRB	APR-INJ	M2 M	49.5 1.5			75,400	
78	66519700	Masaka	1951	4.68		4.88	""	ARF ~ PAL	ш	24.0	.4160	9,984		380×380
. [							j ·	APR-PAT	W2	6.4	2700	1,728	l	P
		[ * * *			1	-	ŀ	SRPR	II.	9.6			{	
Ì		[ :	1					COFFERDAM	No	23.0				H=1.0
79	00520130	Makaka	1960	6.46	1	6.46	PAB	DCPR-WPL	M3	62.6	75.0	4,709		
•			1		1			SARE	М	16.2			1	
	·	L			ļ	<del> </del>	en e	SFRS	M2	5.7	41.0	24,165	24.165	INCLUDED IN DETAILED SURVEY
80 81	00520850	Melaka Melaka	1950	6.27		4.27 6.20	SBE RCS	CeRF-∐Ğ	142	24.0		71,520	119,376	
91	UU321300				'		-	DCPR-PAT	M2	8.0				
- 1					5	1	1	APR-PAT	M2	4.0	2700			I
		i	-			1		ADD-IS	M2	28.0	1550.0	43,680		

### APPENDIX-R3 COST ESTIMATE OF EACH STUDY BRIDGE (218 BRIDGES)

Γ	Ι	ſ	Year	Wax.	No's	Spen	Тура	Rehabitation			UnH		Total	Remerks
No.	Key	State	Bu≌t	Gpan (m)	of Spans	(m)	of Bridge	Plans	Unii	Countly	Price (M8)	Amount (M\$)	Amoust (888)	Hemerks
93	00521710	Metala	1980	10.72	1	10.72	HCD.	CBRF-UG APR-PAT	M2	23.6 1.8	2980.0 270.0	79,209 486	190,039	
	•							ARF-PAL	14	24.0	348.0	0,352	:	300×300
				•				MASD -IS	M3	3.5 45.0	1680.0	2,100 70,200		
	[ .			Ì				COFFERDAM SCAFFOLDING	No No	107.2	(3700.0 21.3	27,400 2,263		H-1.0
83	00921880	Lielaka	1680	7.13	2	14.28	8CB	CERF-LIG	142	32.8	2980.0 270.0	97,148 216	154,386	
			,	ļ				APR-PAT FRF-PAL	M2	0.9 61.4	1900	11,666		· :
1					<u> </u>			CRPR EJRP	H.	28.5 14.7	80.0 1190.0	1,426 17,493		. :
}								COFFERDAM	No	1.0	23400.0	23,400		H-2.0
84	00822760	Melaka	1930	7.47	<del>                                     </del>	7.07	63E	SCAFFOLDING CBPR-PAT	112	1426	21.3 2700	3,037 270	23,979	
			]					DCAF - SWA APA - INJ(M)	M2	26.0 1.0	750.0 140.0	19,760		
								SRAE	M	12.6	1780	2,218		
e.5	00923300	Maka	1950	9.33	1	9.33	68€	CBPR-PAT	142	74.7	21.3	1,691	3,910	
								apr-mj(m) Spr5	M M2	3.0 6.0	140.0 41.0	420 248		
								саря	М	18.7	60.0	933		
68	00523620	Malaka	1950	7.59		15.16	PRB	BCAFFOLDING DCFR-WPL	M2	93.3 124.0	21.3 75.0	1,997 9,300	79,013	
"					_			PRF - TOL.	ы	25.0 39.0	416.0	10,400		980x380
	[							SFRE	M2	1230	<b>41.0</b>	6,043		
								EJRP COFFERDAM	M No	22.6 1.0	\$190.0 23400.0	26,778 23,400		H=2.0
67	00524420	Metaks	1950	3.50	<del>-</del> -	3.60	AC6	DCRF-SWR	ы2	13,6	760.0	10,250	59,191	
								APR-INJ	₩2 M	27.4 0.5	1900	6,206 60		A Company of the Comp
								CAPR EAN	M	7.2	0.00	360 13,923		
								SFR8	M2	5.0	41.0	208	. 1	
1								SCAFFOLDING	No M2	2.0 36.0	13700.0	27,400 767		H-1.0
85	60524990	Maiaka	1950	1.85	1	1.85	SOX.	DCPR-PAT	M2	7.0 7.1	2700 1760	1,890 1,253	4,439	
	ļ . ;							SERE	M2	22.0	41.0	902	·	
83	00329600	N.Sambian	1950	3.05	1	3.05	688	Scaffolding SBPR-REP	142 142	1\$.5 23.0	21.3	394 0	63,242	
44	002300	(Magazina	1900	3.00	į .	"	000	DSRP-TOR	M2	14.1	560.0	7,079		i -
i i								APR-PAT WWRS	M3	6.8 48.0	27Q.0 600.0	26,800		
					Ì			SRPR SFR6	M2	6.1 17.6	0.0 0.0	0		
								BRR-TOR(S)	No	10.0	0.0	0		
	00532850	H.Sembian	1970	11.02	- 5	63.24	RC5	DETOUR APR-EVJ	2 2	43.1 6.5	590.0 120.0	25,400 60	195,200	
				1	_			PRF-PAL	73	560.0 8.0	418.0 140.0	68,560 1,120		380x390
1 1								PPR-INJ ARF-PAL	M2	34.0	1900	6,460	·	·
								COFFERDAM	No	2.0	23400.0	93,600 27,400	,	H=2.0 H=1.0
91	60534450	N.Semblen	1955	8.\$3	4	35.32		DCPR-PAT	M2	0.4	270.0	104	158,908	
								ejap Prf-tol	W	40.0 50.0	1190.0 416.0	47,600 24,960		400x400
								82R - REP SRPR	E E	40.0 70.6	12.0	480 1,696		
								DRRF	No	16.0	9900	8,240		
								COFFERDAM SCAFFOLDING	No.	3.0 353.2	23400.0 21.3	70,200 7,523		H=2.0
92	06834570	Selengor	1960	6.95	4	32.54		CERF-85P	M2	33.0	930.0 270.0	30,690 540	240,017	
								DCRF-SYR	M2 M2	2.0 36.0	750.0	26,600		
							;	APR - INJ ARF - PAL	¥	2.0 36.0	120.0	240 14,976	·	300:300
								PRF-PAL	М	90.0	418.0	37,440		200x300
					l '		٠.	COFFERDAM	Ho Ho	2.0 3.0	13709.0 32000 0	27,400 98,000		H=1.0 H=3.0
							BCC	SCAFFOLDING	M2	325.4 72.0	21.3 56.0	6,931 4,176	369,620	
93	00335660	Salangor	1960	14.70	5	61.34		68PA-REP PRF-TOL	М	200.0	4160	83,200	-38,020	300x300
								APR-INJ ASIN	70 11	4.0 2.0	120.0 3020.0	480 6,040		
		,						DARF	No	32.0	390.0	12,460		: · ·
								earp Earp	Ho M	60.0 40.0	12.0 3020.0	729 120,800		to a con-
	l							SFR3 COFFERDAM	M2 No	16.1	41.0 32000.0	659 128,000		H=3.0
		L						SCAFFOLDING	M2	6134	21.2	13,046		
94	00538970	Salangor	1960	2.30	1	2.30	BOX	DCRF-6YAR AFPR-REV	M2	34.0 10.0	740.0 140.0	26,640 1,400	27,730	
								8CAFFOLDING	142	23.0	21.3	490		BRIDGE HAS BEEN REPLACED
95	60540780 00540910	Selengor Selengor	1950	7.30 6.29	1	11.94 6.29	RC8 S8B	DSRP-TOR	745	42.0	560.0	23,520	80,667	arms at a 1 arms arms of 1992, provided
								ARF-PAL SBPR-REP	M2	45.4 50.0	199.0	0,620 0		:
								BAP-TOR	No	12.0	0.0	Ó		
								COFFERDAM DETOUR	No M	2.0 45.3	13700.0 590.0	27,400 27,211		H-1.0
27	00541000	Selangor	1950	3.24	1	3.24		DSRP-TOR	142	73.0	660.0	40,640	98,642	
								ARF-PAL SBFR-REP	M2 M2	25.0 56.5	190.0 0.0	4,780 0		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
								BRP-TOR COFFERDAM	No No	14.0	0.0 13700.0	0 27,400	•	iff=1.0
			·					DETOUR	FR.	43.2	6500	28,512		
98	00541210	Selanger	1950	4.73	1	4.73		Sepr-Rep Dsrp-Yor	M2	22.6 36.0	0.0 650.0	20,180	62,711	in the second se
								apa -141j	W	1.0	120.0	120	. ]	·
								BRP-TOR ASIN	Ho Ho	2.0	3030.0	6,040		•
	]				L			DETOUR	и	46.7	5900	28,391		1

### APPENDIX-RS COST ESTIMATE OF EACH STUDY BRIDGE (216 BRIDGES)

	Key	State	Year Bufft	Mex. Span	No's of	នីទូស។ Length	Type	Rehabilitation Plans U	nit	Quantity	Unit Prios	Amount	Total Amount	Remarks
90	00546500	8412/1001	1969	(m) 10.64	Spans 3	(m) 30.94	RC6				(H\$	(M\$) 21,054	(N\$) 21,654	INCLUDED IN DETAILED SURVEY
100		Selangor	1992	10.84	3	30.94	RC8					882898	882,598	INCLUDED IN DETAILED SURVEY
101	00549550	Salanger	1958	12.61		63.66	68C		No	60.0	12.0 270.0	1,148	161,074	
			ļ		İ	]	٠.		No	4.3 2.0		0,040		
	l .	Ι .		( )					и	40.0	3020.0	120,000		
- 1									No	49.0	390.0	19,720		
_4		<u> </u>	1		<u> </u>	4.92	n Au		M M2	130.0	0.501	13,880	22 477	
102	00555290	Parak	1960	2.45	2	1.72	BOX		M	25.5 9.8	1900	1,732	35,677	•
		i	1		i .	1 1	1.5		H2	60.0	1400	11,200		
		<u> </u>	1	l	·	<u> </u>		COFFERDAM 1	Nσ	1.0	17900.0	17,900		H=1.0
103	00506900	Perek	1950	7,33	1 :	7.33	ACS		М	14.7	24.0	362	45,130	
į		ļ.	1 1		Į	l i			M3 M	3.0 24.0	600.0 418.0	1,000		380x380
.		1	1 1		l				No	2.0		33,000		H=2.0
101	00563800	Perek	1972	14.07	3	41.59	IT				11	122,169		INCLUDED IN DETAILED SURVEY
106	00587840	Perak	1960	6.06		12.12	PRB					247,092		INCLUDED IN DETAILED SURVEY
100	00559830	Perak	1850	2 83		2.83	53B		M2	27.0	580.0	15,120	40,390	
		1.			į				No M	10.0		25,270		•
107	00700860	Kaden	1954	19.40		18.40	PC8		No	1.0		3,020	131,527	
					1	1 1			M	38.8	24.0	883		
				!	i '	1			M2	38.0		1,476		
- 1				, ,					M2	3.9		1,053	Ì	
i			1 1		į.				M2 M2	12.0 78.6		3,240 117,936		
		1	1 1	, ,	١.	1			M2	1840		3,919		
tes	00700760	Kedeh	1970	15.36		15.36	RCS	CARF	Li .	30.7		0	102,022	
				1 7	i			EJN	ĸ	24.6	0.0	0	,	
.		l .	1						W5	1920		159,350		REPLACEMENT OF SUPERSTRUCTURE
			1	<u></u> -	<u> </u>	10.00	p.~=		H	65.4 34.7	590.0 3020.0	32,662 104,794	118,507	
109	00701610	Kedah	1970	30.52	3	48.60	PC8		M5	8.0		326	110,507	
1				, 1	!				H2	7.6		2,012	· '	
		i	1 1		· .	1 1		SR29	M	97.2	24.0	2,333	'	
_ :		<u></u>	1			L			No	2.0		6,040		
110	00702630	Kedah	1960	9.54	,	9.54	ACB		No 142	14.0		168 7,144	71,353	
. 1		1		, ,	i	1			¥2 ¥	37.6 19.1	24.0	458		•
. !		}	1 1	1	l l	1			H	25.7		30,563	!	
		1	1.		l				No	2.0		33,000		H=2.0
111	00703330	Parts	1963	24.00	1	24,90	PCB		M2	2.2		583	34,349	
- 1			1 1						М	8.2		24,524		
			1		<del></del>	8.53	600	SRRE	М	50.0	1750	8,941		SRIDGE HAS BEEN REPLACED
112 113	00708230	Perks Pahang	1950	5.63 3.47	\ <del></del>	3.47	588 588	SEPA-REP	142	7.6	0.0	Q	33,847	
112	00900333	ranarg.	1.00		i '	7.11			142	20.0				
		-	1 1		1			BRP-TOR(S)	No	10.0		0		
							1.0		น	43.5			440.407	
114	00803050	Pahang	1950	9.04	2	18.00	683		No NS	20.0			133,507	
			i l		ĺ	1			H2	18.0				
1		1	) '	!	1	'			M3	15.0				•
			1						112	53.0			ĺ	
1						ļ			Ν¢	2.0		27,400		H-1.0
	1 1					L			M U2	68.1		34,267	152,958	
115	00003900	Pehang	1952	6.47	2	10.94	508		M2	145.0			192,390	
- 1		1	, ,	, ,	(				M	6.8	<del></del>		(	
				Į					M2	30.0		6,700		
1				1	1	1.			M2	35.0		6,650		
-			1		1				M2	60.0				
			1 1		1				No No	20.0			•	H-1.0
-		l			i				No	1.0		23,400		H=2.0
		1	Ì i	<b>i</b> '	)				M	50.9			l	
118	05010120	Pahano	1980	6.90	1	6.90	588	SEPR-REP	14.5	61.0	0.0	0	50,191	
					i			DSRP-TOA	M3	40.0				
		1	1	1	ł	]			M	1.0			1	· ·
ł		1		'			ĺ		No M	12.0			1	
_	A00144-	0.55	1960	11.67	<del> </del>	11.87	PAB		N. 2	72.0			100,153	1
117	00813470	Pahang		.,,,,,,	l .			ARF-PAL	H	30.0	4180	12,480	]	350x350
		1	1	Ĺ.	1	1		WMRP	M3	12.0				
		l .	1	[	1	1	ł		¥	15.0				
		1							M	23.3				
		l	1	į į		1	l		MS.	65.0				į
i		l		1 '	l	1		AFPR-REV	M2	7.8	1400	1,050	3	l
		1	L	<u>_</u> '	L	<u> </u>		COFFERDAM	No	2.0			ļ <u>-</u>	NO DEFECT DETECTED
į	00618050	Pahang	1980	30.49		30.49	PCB	NON		181.6	24.0	4,354		
118	00622340	Kelantan	1982	31.13	3	19.09	PCB		W	73.0				
118	DOSE 2340	<u>                                     </u>	1		<del> </del>	13.71	RCS	EUN	~	<del>                                     </del>	1	334,175	334,175	INCLUDED IN DETAILED SURVEY
110			1980	3.34		3.34	ACS	SFRS	M2	16.0		0	49,807	
119	60634650	Kelenten		1	1	1	1	RING-SUP	WZ	29.2	030.0			REPLACEMENT OF SUPERSTRUCTURE
119		Kelenten					L		М	43.5				
119	60634650					<b></b>		COPR-PAT	H2	1.5				1
120 120 121	00834650 00834950		1960	5.09	2	12.02	RCB				,, 4144			
19  20  21	00834650 00834950	Kelenten		5.69	-	12.02	RC8	DCPR - PAY	M2	78.0				
120 120 121	00834650 00834950	Kelenten		5.69	2	12.02	RCB	DCPR-PAY DCPR-WPL	M2 M2	78.0 15.0	75.0	5,850 5,220		300×300
120 120 121	00834650 00834950	Kelenten		5.69	2	12.02	RC8	DCPR - PAT DCPR - WPL PRF - PAL APR - INJ(M)	M3	78.0 15.0	75.0 348.0 140.0	5,850 5,220 42		300×300
	00834650 00834950	Kelenten		5.69	2	12.02	RC8	DCPR - PAT DCPR - WPL PRF - PAL APR - INJ(M) SAPR	M 74 M3	78.0 15.0 0.:	75.0 348.0 140.0 24.0	5,850 5,220 5 42 677		300×35 <b>0</b>
120 120 121	00834650 00834950	Kelenten		5.69	2	12.02	RCS	DCPR-PAT DCPR-WPL PRF-PAL APR-INJ(M) SAPR	M M	78.0 18.0 0.1 24.0 7.1	75.0 348.0 140.0 24.0	5,850 5,220 5,220 6,77 6,77 8,687		
19  20  21	00834650 00834950	Kelenten		5.69	2	12.02	RCS	DCPR-PAT DCPR-WPL PRF-PAL APR-INJ(M) SAPR EAN COFFERDAM	M M	78.0 15.0 0: 24.0 7.1	78 0 348 0 3 140 0 24 0 3 1190 0 2 3400 0	5,850 5,220 42 677 8,687 23,400		300x300 H+2.0
120	G0834650 00834950 00836900	Kelenten Kelenten	1980					DOPR-PAT DOPR-WPL PRF-PAL APR-INJM SAPR EJN COFFERDAM SCAFFOLDING	M2 M M M No M2	78.0 15.0 0.1 24.0 7.1 1.0	75 0 348 0 1 140 0 24 0 3 1190 0 2 23400 0	5,650 5,220 42 677 8,697 23,400 2,560		H-20
120	\$0834650 00834950 00836900	Kelenten		5.69		12.02		DCPR-PAT DCPR-WPL PRF-PAL APR-INJØG SØPR EJN COFFERDAM SGAFFOLDING DCPR-PAT	M2 M M M No M2 L42	78.0 18.0 0.3 24.0 7.3 1.0 120.2 11.7	75 0 348 0 140 0 24 0 3 1190 0 2 2400 0 2 21.3	5,650 5,220 42 677 8,687 23,400 2,550	238,685	H-20
120	G0834650 00834950 00836900	Kelenten Kelenten	1980					DCPR-PAT OCPR-WPL PRF-PAL APR-INJAN SAPR EUN COFFERDAM SCAFFOLDING OCPR-PAT OCPR-WPL	M2 M M M Mo M2 M2 M2	78.0 15.0 24.0 7.1 1.0 120.2 11.7 63.0	75.0 348.0 3 140.0 3 24.0 3 1190.0 2 24.0 3 1190.0 2 24.0 5 2.0 6 2 21.3 7 0 6	5,650 5,220 42 677 8,697 23,400 0 2,560 0 0	238,685	H-20
120	G0834650 00834950 00836900	Kelenten Kelenten	1980					DCPR-PAT DCPR-WPL PFR-PAL AFR-INJM SAPR EJIN COFFERDAM SCAFFOLDRIG QCPR-PAT DCPR-WPL PPR-PAT	M2 M M M No M2 L42	78.0 18.0 0.3 24.0 7.3 1.0 120.2 11.7	75.0 348.0 1 140.0 24.0 3 1190.0 2 2400.0 2 21.3 7 0.0 0 0.0	5,650 5,220 42 677 8,697 23,400 2,560 0 0 0 0 0	238,685	H-20
120 120 121	G0834650 00834950 00836900	Kelenten Kelenten	1980					DORR - PAT DORR - WPL PRF - PAL APR - IN JUM SAPP EAN COFFERDAM SCAFFOLDING DORR - PAT DOCPR - WML PPR - PAT CAPR EAN	M2 M M M No M2 M2 M2 M2 M2 M2	78.0 15.0 24.0 7.1 1.0 1202 11.1 63.0 2.0	75.0 348.0 1 140.0 24.0 3 1190.0 23400.0 2 21.0 7 0.0 0 0.0 4 0.0	5,650 5,220 42 677 23,400 0 0 0 0 0 0 0 0	238,665	H-20
120	G0834650 00834950 00836900	Kelenten Kelenten	1980					DOPR - PAT DOPR - WPL PRF - PAL APR - INIJAM SAPPR EJIN COFFERDAM SCAFFOLDING DOPR - PAT DOPR - WPL PPR - PAT CAPR EJIN	M2 M M M No M2 M2 M2 M2 M2	78.0 15.0 24.0 7.1 12.0 11.7 63.0 2.0	75.0 34.90 1 140.0 24.0 2 24.0 2 24.0 2 24.0 2 2 3.0 2 2 3.0 3 0.0 4 0.0 5 0.0 6 2 2 4 4 0.0	5,650 5,220 6,27 6,697 23,400 0 0 0 0 0 0 0 0 0 0 0 0 0 0	238,665	H-20

### APPENDIX-R3 COST ESTIMATE OF EACH STUDY BRIDGE (216 BRIDGES)

No.	Key	Stela	Year Built	Max. Span	No's of	Span Length	Type	Rehabilitation Plans	Unit	Quantity	Unit Price (148)	Amount (M\$)	Totel Amount (M8)	Remarks
124	00901360	N.Sambilen	1930	(m) 5 74	Spans	(m) 6.74	Bridge RCS	DCRF-SWR	M2	43.0	750.0	31,920	44,233	
127	V0101300		1.000	```}				APR~INJ	M	1,4	1500	168		
- 1					]	1		AFPR-REV	H2	21.0	140.0	. 784 881		
ĺ		i				1		BFR8 EJN	11	7.6	1190.0	9,202		,
}					l			SCAFFOLDING	M2	87.4	21.3	1,223		<u> </u>
126	00901420	N.Semblan	1960	3 24	1	324	Seb	68PR - REP	M2	26.0	0.0	0	89,512	
- 1		1				]		SBRF-WSP DSRP-TOR	M2	2.0 42.0	650.0	1,660		
ļ					ł			ARF-PAL	M2	30.0	1920	5,700	j	·
- 1					]	1		PYPA-ABP	M2	22.0	260.0	5,720	]	
j		1						RRP - TOR(S)	₩o.	10.0	0.0			H=1.0
ł								DETOUR	No M	2.0 43.2	13700.0	26,612		nai.v
128	00901700	N.Sembles	1580	3.63		3.63	588	SSPR-REP	M2	20.6	0.0	0	30,076	
		1			ļ			DSRP-TOA	M2	23.1	660.0		1	
i			l í					BAP - TOR(S) DETOUR	No 34	10.0	690.0	25,742	ł	
127	00301930	N.Sembian	1650	9.07	2	19.14	868	SSPR-REP	M2	178.0	0.0	0	182113	
	***************************************	]						DSRP-TOR	M2	142.0	550.0	79,520	]	*
j		İ				1	1	BRP-TOR(S)	No M2	20.0 31.0	0.0	6,600	1	
Ì		Ì						ARF-PAL PRF-PAL	M	20.0	650.0			0680
į		!	l i				İ	COFFERDAM	No	1.0			1	H-20
1		<b>!</b> .				1		COFFERDAM	No	2.0	13700.0			H=1.0
					<b> </b>	l	400	DETOUR	M M2	58.1 17.5	690.0 0.0	34,303	38,635	
128	00303510	N.Sembian	1950	3.1 t	1	3.11	\$89	SSPR-REP DSRP-YOR	H2	20.0	580.0	11,200		
ļ		ł		ļİ	1	[ ]		BAP-YOR(S)	No	10.0	0.0	0	]	
		<u></u>			L			DETOUR	М	43.1	590.0	25,435	ļ	
129	00902300	N.5amblen	1950	3,11	1	3.11	888	SAPR-REP	M2	15.0	0.0 560.0		62,951	
į		1			1			DSRP-TOR BRP-TOR(S)	No No	10.0	0.0		1	
-		1		1	١.			ARF-PAL	M2	27.4	1900	5,206	1	
- 1						1		RTPR	M3	10.0	1400	1,400		
1		!			<b>!</b>			COFFERDAM	No	2.0	13700.0	27,400 25,435	1	H=1.0
		115	1080	3.10	<del>                                     </del>	3.10	888	DETOUR SSPR-REP	M2	43.1 31.0	23470	29,750	61,639	
130	00902430	N.Sembles	1860	3.10	'			DSRP-TOR	M2	38.0	540.0	20,160	1	
ĺ		1						BRP-TOR(5)	No	10.0	0.0	0	ļ	
						1	1: .	RTPR	M2	1160	\$40.0			
131	00902440	N.Semblan	1950	3.10		3.10	SBB	DETOUR SEPR-REP	M2	32.0	0.0		45,176	
'3'	00902443	14.204112021	·~~					DSRP-TOR	H2	37.0	560.0	20,720	1	
- 1		1				ļ		BRP-TOR(S)	No	10.0	0.0		· ·	•
1						[		APR-PAT DETOUR	M2 M	0.1 43.1	2700 590.0	25,429		•
132	00904330	N.Sembéan	1250	7.77	-	7.27	583	SEPR-REP	M2	69.5	0.0		82,064	
	00224000		,.	}			ł	D5RP-TOA	M2	44.3	560.0	24,780	]	
-			٠.					BRP-TOR(S)	No M	10.0 47.8	8.0 690.0		{	
133	00906190	N.Sambian	1960	9.54	<del>                                     </del>	8.54	588	DETOUR SBPR-REP	H2	99.0	0.0		51,149	
	***************************************				'			DSAP-TOR :	M2	57.0	\$50.0	31,920		
Į		1		i		}		BRP-TOR(S)	No	12.0	0.0			
134	00207010	N.Sembčen	1936	6.30	1	8.35	sea	DETOUR SBPR-REP	M2	49.5 51.0	590.0 0.0		48,650	
134	00201010	FI SHI QUEL	1930	***				DSRP-TOR	MZ	36.0	550.0	21,280		
Ì		Ì		] ]	1		l	BAP-TOR(6)	No M2	12.0	2700		1	
Ì					ĺ			APR-PAT DETOUR	M	45.4	890.0		İ	
135	00908400	N.Sembian	1935	10.70	5	36.70	SBE	CBPR-PAT	M2	0.2	270.0		197,813	
1		1				1		CBRF-8SP	M2	402	930.0		ł	
								DCPR-PAT PRF-PAL	542 14	1.0	270.0 416.0	259 15,640		360x360
Į								APR - INJ(M)	H	3.0	1400	420		
-								EJN	и	13.2	3020.0		]	
- 1								SRPR	2.4	13.4				H-20
ļ								COFFERDAM SCAFFOLDING	No M2	4.0 367.0	21400.0 21.3	93,600 7,617		<u> </u>
136	00911990	Pahang	1951	10.77	4	32.96	58B	SBPR-REP	M2	237.3	0.0	0	166,462	
Ī		-		1	İ			DSRP-TOR	<b>M</b> 2	201.1	860.0	112,616	ļ	
-								8AP-TOR(5) VAVRS	No M3	39.0 18.0	0.0 600.0	10,800	1	
						} . I		DETOUR	M	73.0	590.0	43,046	<u>L</u>	
137	01105770	N.Sambian	1970	6.18	1	18.32	PRB	DCPR-WPL	W2	122.0	76.0	9,150	49,745	
į								CBPR-PAT	M2	10	270.0			
ļ								APR - REV	M2 M	88.0	140.0	12,320	1 .	٠.
1	ļ							PPR-INJ	М	1.2	140.0	168	1	1
ļ								EJN	M	13.6	1180.0	16,065		
								ATPA DRRF	M2	30.0 2.0	140.0 390.0	4,200 780		
								SCAFFOLDING	M2	1832	21.3	3,902		
138	01800020	Perak	1960	3.59		3 58	RC5	DCPR-SH7	М2	20.0	8200	12,400	61,984	
. [								VAD-\$\$	МZ	20.0	2440.0	. 48,800	1	
	01000000	Bacak	1950	4.78	1	4.78	58¢	SCAFFOLDING SBPR-REP	M2 M2	35.8 6#.0	21.3 56.0	3,946	140,205	<del></del>
139	01800670	Perak	1900	4.78	•	7./8	<b>300</b>	DCPR-PAT	M2 ₩2	11.7	270.0	3,159		
							1	APR-PAT	142	0.9	270.0	243		
- {								WD-85	M2	88.0	1940.0	151,920		
	0000000		1064			12 23	588	SCAFFOLDING SBPR-REP	M2	47.9 48.0	21.3	1,018	69,445	
140	92305040	Johor	1950	5.29	2	12.29	240	DSAP-TOR	M2	68.0	5400	38,680		
	į							BRP - TOR(5)	No	20.0	0.0	0	'	·
1	İ		1			{		PFPR-RBP	MS	2.0	260.0	\$20 30,845		
-ب-	G2305970	lober	1950	5.68	2	7.60	ACS	DETOUR DCPR-PAY	M2	62.3 0.1	590.0 0.0	30,640	70,979	
141	g2305970	Poyot	1 DOE 1	0.00	2	7.60		APR-PAT	M2 412	0.6	270.0	162	,	•
	1			1		ļ į		PPR-PAT	M2	0.2	270.0	54		
	ł	1		ļ		[		CARE	M	162	0.0	0		
- 1	}			Ţ				SFRS EJN	₩2 M	0.1 16.5	0.0	- 0		
Į.				- 1							830.0	42,579		REPLACEMENT OF SUPERSTRUCTURE
	-		- 1	ł				RING-SUP	M2	51.2]	590.0	28,084	''	REPLACEMENT OF SUPERSTRUCTURE

### APPENDIX-R3 COST ESTIMATE OF EACH STUDY BRIDGE (216 BRIDGES)

Ho.	Key	State	Year Built	Max. Span	No's	Span Length	Typa of	Rehabsitation Plant	Unit	Quantly	Unit Price	Amount	Total Amount	Ronarks
142	65001070	Johor	1019	(m) 4.77	Spans 1	(rs) 4.77	epbh6 888		<del> </del>	ļ	(3.14)	(H\$) 76,328	(M\$) 78,320	INCLUDED IN DETAILED SURVEY
143	05001890	Johor	1950	5.08	1	5.05	SBB	BBPR-REP	M2	43.0	00	0	70,316	
								BRF-TOR(8)	Mo	78.1	550.0			
			:					DETOUR	M	45.1	890.0		<u> </u>	
144	05002590	Johce	1040	4.76	1	4.76	200	SEPR-REP DERP-TOR	H2	30.0	0.0		63,363	
								BRP-TOR(S)	M2 No	80.0 14.0	850.0 C.0		į į	į
								DETOUR	1.4	44.6	890.0			
145	05100340	N.Sembilan N.Sembilan	1950	9.41		9.41	SBB	OSPR-REP	M2	43.0	0.0		51,367	UNDER CONSTRUCTION
145	05101360	N.Oumbran	1940	3.31	'	2.31	ODB	OSRP-TOR	MZ	48.0				
		•						BRP-TOA(8)	No	18.6	0.0		· !	
		: .						APR-PAT DETOUR	M2	43.3				
147	05101460	N.Sambian	1950	3.20	1	3.26	588	SBPR-REP	112	14.0			48,315	
								DSRP-YOR	912	40.7	880.0		[	
								BRP-YOR(6) DETOUR	No M	14.0				
148	05102060	N.Sembēan	1960	4.74	1	4.74	63B	58PR-REP	M2	33.0			83,897	
		ľ				1		DSRP-TOR	M2	48.5				
							2.5	APR-INJ(M)	No M	12.0				
		1		].	<b>)</b>	] ]		DETOUR	M	44.7				
149	05102200	N.Semblan	1960	4.81	1	4.81	SBB	SBPR-REP	M2	28.0				
				l '	l			BRP-TOR BRP-TOR(S)	M2 No	28.0 10.0				
					l			DETOUR	M	46.8			1	
150	05102390	N.Semodan	1950	3.21	1	3.21	585	RING - SUP	142	19.0				REPLACEMENT OF SUPERSTRUCTURE
		1.			} .			DETOUR	M3	43.2				
161	05102570	N.Semblan	1960	3.21	1	3.21	589	SEPR-REP	H3	24.8	0.0	0	81,470	
			l				'	DSRP-TCR	M2	42.5	840.0			
					1			ADD -18	No Ma	10.0			1 !	
								DETOUR	M	412	690.0	25,494	1 - 1 - 1	
152	05103030	N.Gembēen	1950	3.79	1	3.79	888	SSRF - WSP DSRP-TOR	142	1.0				1
		ł	ľ	1	j	1		BAP-TOR(S)	No	20.3			<b>!</b>	
				1				DETOUR	ы	43.8	E90.0			
153	05100300	N.Semblen	1950	9.62	2	16.08	58B	SBPR-REP	M2	50.0			94,362	
		j				1.		BRP-TOR(S)	M2	1089			1	
								PPR-INJ	М	2.0	140.0	250		
				<u></u>	<b>.</b>			DETOUR	. М	55.1	890.0			
164	65200280	N.Sembéen	1932	4.65	1	4.68	\$8B .	SSPR-REP OSRP-TOR	M2	92.0			77,809	i i
					1			BRP-TGR(S)	No	14.0				
								DETOUR	N.	44.7				
155	05202450	Belengor	1955	1571	1	12.11	RCB	CERF-BSP DCPR-INJ	<u>₩2</u>	25.0				1
								APR-FAT	142	0.3				
								AFPR-REV	142	42.0				
<u>                                     </u>		ļ	<u> </u>				60X	SCAFFOLDING AFPR-REV	M2	121.1				
155	05203510	Seinigor	1980	1.60	5	3.20	, sux	SRRE	T W	8.0				
157	05204870	Selengor	1964	1824	3	54.50	SBC	SOPR-REP	M2	780.0				Į.
								BPR-REP CCPR-PAT	No M2	30.0				
						ł		E.SN	M	39.9		120,498		Į
			L			<u> </u>		SCAFFOLDING	342	545.0				
158	05300170	##.Secution	1960	9.35	.1	9.35	\$88	SSPR-REP DSRP-TOR	M2	\$0.0				
	ı	1	}	1	1	1	·	BRP-TORIS)	No	16.0			:1	}
					l	1		ARF-PAL	M2	40.4				H=2.0
					İ	!		DETOUR	No M	49.4				<u> </u>
150	05300060	N. Semblen	1950	6.27	1	5.27	588	SBPR-REP	M2	11.5	0.0	0	60,139	
''''					] .		1	OSRP - TOR	112	58.0				RAISING GRADE
1				Ī	]		ĺ	BRP-TOR(S)	No M	3.0				
		1	ļ.		1	'	1	RENG -SUP	#42	0.84	5500	32,460		DSRP-TOR
		L	ļ		<u> </u>			DETOUR	М	45.3		27,299	<del> </del>	BRIDGE HAS BEEN REPLACED
160		N.Sambian	1950	9.45	1	4.84 8.45	S&B S&B	SBPR -REP	M2	2.5	0.0	0	69,120	STATE OF STA
161	05302050	N. Sembian	1950	9.43	i '		~~"	DSRP-TOR	M2	68.0	5600	38,080		•
	!	<b>!</b>	}	•	<b>!</b>		<b> </b>	BRP-TOR(S)	No	13.0				-
	:		1	1	ŀ	!		APR-PAT WMBP	M2	0.2				
		ł		İ	!	l	L	DETOUR	M	43.5	590.0	29,586	<u> </u>	
162	05302160	N. Sembian	1950	8.31	1	6.31	888	58PR-REP	M2	49.7				į
		1		İ		.	ĺ	DSRP-TOR BRP-TOR(S)	M2 No	12.0				İ
			]	1				APR-INJ	М	5.4	1 1200	648		
.				1	'-	·.		AFPR-REV	1/2	20.0				
				6.70	1	6.70	589	DETOUR DSRP - TOR	M	46.3				<del></del>
:63	65302340	N. Semblan	1940	6.70	l '	0.70	""	BRP-10F(S)	No	10.0	0.0	0 0		·
, l			l	Ì			· ·	ARF-PAL	M2	37.0				!
			1	- 1	ļ	1		COFFERDAM	M2 No	30.0				H=10
		1		İ	1	[	1_	DETOUR	*	46.7	5900	0 27,553	il	<u></u>
164	05403460	Selangor	1960	6.58	i	6.58	ACS	ARF-PAL	M2	38.6				-
							į	SARE OCPR-PAT	M M2	13.1				
		į.		' '	1	1	l	ATPR	1/2	33.0	140.0	C 4,520	<u> </u>	Section 1
		l .	i ·	l	İ	1		COFFERDAM	No	2.0		0 27,400	4	H-10
		l .					ı	SCAFFOLDING	M2	65.6	31.3		1	
			ļ				PAV	DCDE 180	132	25.2	∖  31 <i>6</i> 10.0	ó) 143,484	182,838	· •
165	05403570	Selangor	1960	3.05	1	3.05	вох	DCRF-UG ARF-PAL	#2 M2	45.4 59.6	190.0	0 11,324		•
165	05403570	Selangor	1960	3.03	1	3.05	вох				190.0	0 11,324 0 27,400		H-10

### APPENDIX-RS COST ESTIMATE OF EACH STUDY BRIDGE (216 BRIDGES)

No.	Xey	State	Yes! Buit	Maa. Speat	No's of	Spen Length	Type	Rehabilitation Plans	Unit	Onsved	Unit Price	Amount	Total Amount	Remarks
165	05301510	Perek	1950	(m) 5 60	Spens	(m) 5.60	Bridge 688	SOPR-REP	M2	39.0	(M\$)	(FN\$) 0	(M\$) 47,850	
100	04901010	POSE	1.50		•	1 0.00	005	DSRP-TOR	112	36.7	560.0			The second second second
			1 1					BRP-TOA(S)	No	12.0	0.0			
i		<b>\</b>	1 1					LMI- FIGA RUOTED	M	3.6 45.0	1200			
167	08501630	Perak	1950	3.67		3.67	688	SBPR-REP	M2	28.2	0.0	0	69,077	
	*****							DSRP - TOR	1112	23.0	560.0			•
			1 1					BRP-TOR(5)	No M2	12.0	190.0			
		ŀ	. 1					MACRETTOO	No	8.0	13700.0		1	H=1.0
		1 2.						DETOUR	M	43.7	890.0	25,765		
158	03893340	Perok	1980	4.97	1	4.97	588					65,140		INCLUDED IN DETAILED SURVEY
169	05901000	Perak	1550	4.68	1	4.88	5BC	SBPA - REP DCRF - SWR	MS MS	40.0 34.0	58.0 760.0	2,320 25,640		
J								CBPR-PAT	H2	0.4	2700			
		]						APR REV	M2	10.0				
								SCAFFOLDING	M2	9.6	24.0 21.3			
170	05901070	Penek	1850	4.71	1	4.71	ε8C	SBPR - REP	112	34.0	68.0			ii
''"	44241010	""	1					DCPR-PAT	142	0.7	2700	109	]	
								CBPR-PAT	M2	0.7	270.0			
- 1		į		- 1				ARF-PAL AFPR -REV	M5	41.5 10.0	1900 1400	7,885		•
- 1								SRRF	H	0.7	105.0			
- 1				·				CRRF	М	9.4	1000	942		* :
Ì				- 1		1 1		COFFERDAM	M2 No	7.0 2.0	13730.0	27,400		6, 3 <del>-</del> 14
Ì		<b>.</b>	] ]	1		]		SCAFFOLDING	142	47.1	21.3	1,003		
121	05901480	Pecak	1950	1.95	2	3.90	580	SSPR-REP	M2	34.0	89.0	1,972		
			1 1					DCPR-PAT	FI3	3.3	2700			
		1		1				PRF-PAL ARF-PAL	M2	35.0 35.0	1900	6,650 6,650		
i				1				AFPR-REV	M2	20.0	1400			
		1		1				SAPA	Ы	7.8	24.0	167		
		l		1				SFRS	H2	0.1	41.0			
		ŀ		]				COFFERDAM	M No	17.6 2.0	1190.0	20,944 27,400		H≈1.0
		1		]				COFFERDAM	No	1.0	17900.0	17,900	1 .	H=1.0
			11					SCAFFOLDING	M2	39.0	21,3	831		
172	05901560	Persk	1960	7.63	1	7.83	58C	SEPA -REP	MS	42.0	59.0	2,436	25,649	
		1		.				CEPR-PAT AFPR-REV	M2	0.7 10.0	2700 1400	1,400		
l		i	1 1	1				SAPA	и	15.3	24.0	366		
.		1						EJM	и	18.7	1190.0	19,973		
			1					SCAFFOLDING	M2	78.3	21.3 59.0	1,525 5,046	73,646	
173	05901890	Perak	1950	9.53	'	9.53	SBC	DCRF-SWR	M2	67.0 59.0	7600	46,840	73,040	
- 1				- 1				AFPR - REV	¥2	10.0	1400	1,400		
- [		İ	1	- 1			1	SAPA	М	19.1	24.0	457		
-			[			[ [		SCAFFOLDING	M M2	18.7 95.3	1190.0 21.3	19,873		
174	05202030	Pecak	1960	3.66		3.58	58C	SBPR - REP	M2	10.0	68.0	1,102		
""	03804030	/ C		***]	Ť			DCPR-PAT	M2	0.1	270.0	27	1	
			1 1	- 1				CSPR-PAT	M2	9.4	2700			
- 1			1 1	- 1				DCPR~WPL SRPR	M2 M	20.6 7.1	78.0 24.0	1,638	ĺ	
ŀ			1 1	1				EJIN	M	18.4	1190.0	19,516		
			11					ECAFFOLDING	M2	35.5	21.3	758		
175	05902230	Perek	1950	0.21	1	0.21	58C	SBPR - REP CSPR - PAT	M2 M2	79.0	50.0 270.0	4,524 81	32,430	
			1 1	1				DCPR-WPL	142	51.2	73.0	3,840	i	
				į				AFPR-REV	M2	16.5	1400	2,310		•
ŀ			1 1	i				SARE	M	8.0	1760	1,400		
			1	1				E #1	M M	#.0 18.4	24.0 1190.0	19,325		
j								SCAFFOLDING	M2	92.1	21.3	1,749		
176	05902590	Perek	1950	8.90	1	6.60	88C	SBPЯ-ПЕР	M2	45.0	£4.0	2,610	25,289	
- 1			į. l			.		EJAP	M2	17.6	1190.0	20,944		
- 1			1 1	ļ				SCAFFOLDING	M2	7.0 68.0	41.0 21.3	207 1,448		:
177	05902920	Perak	1950	8.77	-,-	9.77	SBC	SEPR-REP	M2	45.0	58.0	2,610		
```			) ¨ i	1		] []		OCPR-PAT	M2	4.5	2700	1,215	1	
İ				l				ARF-PAL	M2	87.0	180.0	12,730		
				1				SAPR	M2	1.0 17.8	24.0			
- 1				1				EJH	М	16.7	1190.0	19,673	] .	
1				ļ				COFFERDAM	Ho	2.0	13700.0	27,400		H=1.0
			1,55			23.18	620	SCAFFOLDING	M2	67.7	21.3	1,858 251,883		INCLUDED IN DETAILED SURVEY
178	05903120 05906010	Perek Pehang	1961	10.58	4	122.35	FC8	CSPR-PAT	M2	66.2	270.0	15,174	171,852	
.,,	A3604010	- =:=19	""	7	[			BPA-REP	No	20.0	12.0	240		* .
ł		İ	1 1	ĺ				CCPA-WPL	M2	1049.6	75.0	78,720	(	
ŀ								EJRP SRRF	M	17.0 3.0	3020.0 105.0	81,340 315		
				1				SCAFFOLDING	M2	1223,8	21.3	28,083		<u> </u>
180	05905290	Pehang	1930	6.05	1	8.05	588	DSRP-TOR	M2	47.0	5620	26,320	55,030	
1		•	1 1	.				BRP-TOR	No	14.0	0.0		ļ ·	
Į				ŀ	j			AFPR-REV DETOUR	M2	11.0 16.1	1400 5906	1,540 27,170		
181	05908010	Pahang	1930	6.35		6.35	888	SSPR-REP	M2	47.0	0.0	0	52,457	
	2.242010		1 1					DSRP-TOR	M2	46,8	660.0	25,110		
- 1				ļ				BRP-TOR	Ho	14.0	0.0			
		0	1930	,		3.14	SBE	DETOUR	M 142	46.4 53.6	1990.0	27,347 106,664	132,117	TOTAL REPLACEMENT
162	08000970	Perek	11900	3,14	. '	3.14	986	DETOUR	M	43.1	590.0			
183	06001330	Perak	1950	6.02		5.02	RCB	SRPA	М	11.0	24.0	266	26,402	. :
- [			1 1	l				DCRF - EWR	M2	26.5	7800			
			1 1	Į		j		SCAFFOLDING	M2	5.0 50.2	930.0 21.3			
						,		TOTAL STATES	me.		41.3	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<del></del>	L

# APPENDIX-R3 COST ESTIMATE OF EACH STUDY BRIDGE (216 BRIDGES)

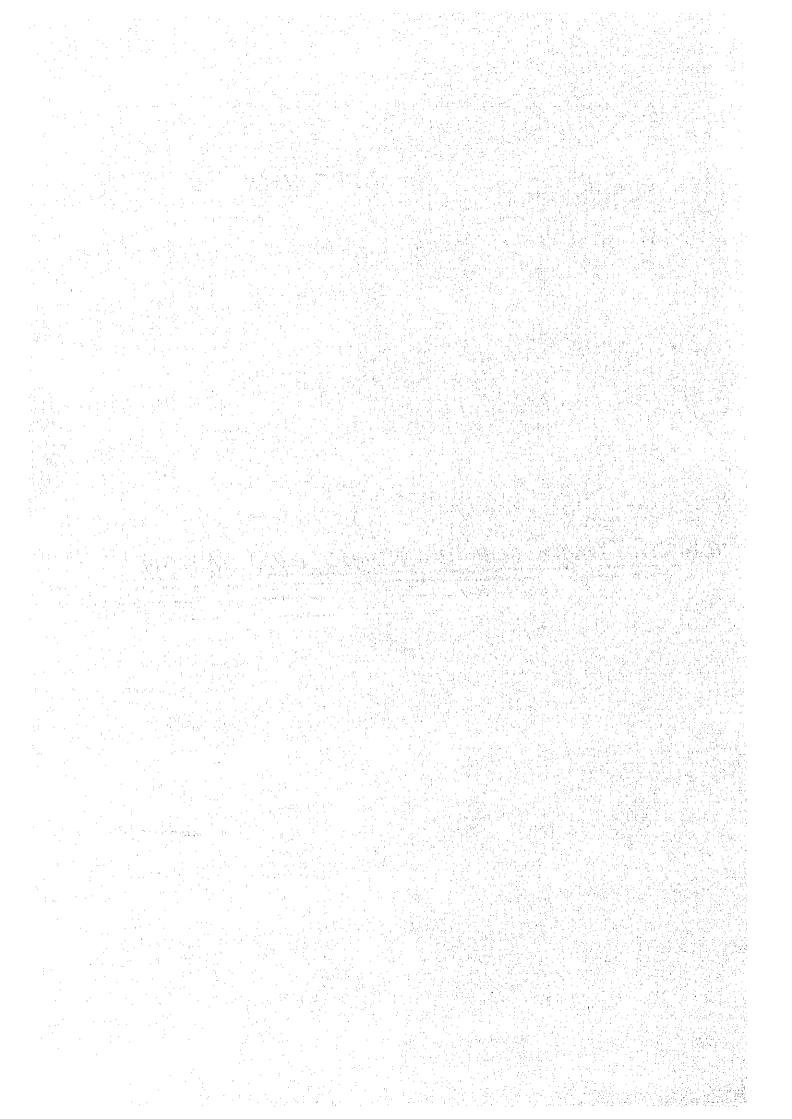
No.	Кеу	State	Year Built	Mex. Span	No's of	Bpsn Langth	Type	Redablitation Plans	Unit	Quantity	Unit Price	faucan	Total Amount	Recusska
	<u> </u>			(m)	Spens	(m)	Bridge		1		(M\$)	(M\$)	(143)	
184	05005070	Persk	1650	7.20	4	27.14	\$8C	SOPR-REP DCPR-PAT	M2	159.5	55.0 270.0	9,257	29,966	
- 1								DCPR-WPL	M2	45.5	75.0	3,413		
- 1			1					APR-INJ	ы	3.0	120.0	360		
				.			·	AS:N	No.	54.3 2.0	3020.0	1,303 6,040		·
						1		SCAFFOLDING	M2	271.4	21.3	6,781		
165	05005220	Persk	1900	7.01	1	7.0t	ACB	BAPA BARS	M M2	7.0	24.0	335 267	10,564	•
								ASIN	No	2.0	3020.0	6,040		
- 1			ļ .					C#PR-PAT	M2	0.3	270.0	68		
-			ŀ					BCAFFOLDING	No M2	70.1	390.0	2,340 1,493		
166	05005740	Parak	1960	6.80	3	21.95	RCB	CBPR-PAT	M2	3,0	270.0	010	22,559	
							·	OCPR-PAT APR-PAT	M2 M2	1.6	270.0 270.0	140		
			İ					EJRP	14	13.0	1190.0	16,422	1	
- (			l			[ . ]		SFRS	142	4.5	41.0	183		
187	05006030	Perak	1956	5.03	1	5.0a	538	SEPA-REP	M2 M2	2195 28.0	21.3	4,675	73,953	
""								DSRP-TOR	112	28.0	550.0	14.560		
								BRP-TOR(S) ARF-TOL	No M2	10.0	1920	6,350		
	:							COFFERDAM	No_	2.0	13700.0	27,400		H=1.0
_			<u> </u>			[		DETOUR	М	48.1	590.0	25,597		
185	06403300	Pahang	1900	12.31	'	12.31	880	SSPR-REP DSRP-TOR	M2	76.0		42,000	73,843	
								eRP-TOR(6)	No	12.0	0.0	0		·
				ļ.				APR-INJ	Н	8.5	1200	780		
189	06403900	Pehang	1930	11.01		11.91	888	DETOUR SEPR-REP	H N2	52.3 113.5	5900 0.0	30,853 0	67,027	<del></del>
٠٠٠	20-20200	- ·-···¥		''''				DSRP-TOR	M2	65.C	580.0	36,400		
1			1			1		BPP-TOR(8)	150	120		20.627		
190	05404270	Pahang	1930	10.91	1	10.91	\$8B	DETOUR SBPR-REP	M2	51.9 94.5	590.0 0.0	30,627 0	83,637	
~	VV-1014/V		~~					DSRP-TOR	M2	50.0	580.0	33,500		
					1	1		BRP-TOR(S) DETOUR	No	10.0	0.0	0 30,037		
193	08404940	Pahang	1930	6.21	1	6.21	588	SBPR-REP	M M2	50.9 48.0	5900 0.0	30,037	103,266	
''''	00101710	, = . = . •		1	} '	1		DSRP-TOR	M2	34.0	5800	19,040		
ļ					1			BSP-TOR(5)	No	10.0				
- 1					1			ARF-PAL ARF-SP	M2 M	72.0 8.6		13,680 11,682		
ı					1			WARP	M3	7.0	600.0	4,200		•
- 1								COFFERDAM	No	2.0				H=1.0
	05405650	Pahang	1930	6.31		6.31	589	DETOUR SEPR-REP	M M	46.2		27,261	48,001	
192	00000000	Panang	1930	. 0.31	' '	} "	303	DSRP-TOR	H2	34.0				
				1	}		ŀ	BRP-TOR(S)	No	10.0				
		2.0	1					AFR-REV DETOUR	H2	11.7		1,639 27,323		
193	05406280	Pahang	1930	4.90	1	4.80	683	SBPR-REP	H2_	17.0	0.0	0	108,272	
]			ŀ		ļ			DSRP-TOR	M2	26.0		14,580		
١			1	Ì '	1	i '	Ì	BRP-TOR(S) ARF-PAL	No H2	21.0				<b>)</b>
ļ				ľ	ŀ			ADD-18	H2	19.5	1940.0	35,890		-
- [								COFFERDAM	No	2.0				0.1=1
				5.05	1	6.95	RC8	DETOUR DCPR-PAT	M M2	44.9			2,284	
194	06701200	Keceh	1970	9.00	1 '	0.95	n.vo	SAPA	ш	12.1		290		
١			<u> </u>		l	<u></u>	\	SCAFFOLDING	142	60.5				
195	06701230	Kedah	1940	6.13	8	12.25	RC8	CBPR-PAT DCPR-PAT	M2 -	0.2			34,137	
							İ	PRF-PAL	M	12.0	343.0	4,178		310x310
- 1		İ						AFPR-REV	M2	15.0			İ	
			1			i	ŀ	SERE	M2	26.0 40.0				
į					ļ	<b>!</b>	·	COFFERDAM	No	1.0	17200.0	17,900		H=1.0
_					ļ		ļ	SCAFFOLDING	H2	1228			187,911	
198	06701690	Kedeh	1958	30.54	3	91.52	PCB	DCPR-WPL WWRS	M3	884.0 32.0			107,911	· ·
			1.	l	İ			SFRS	M2	167.0	41.0	7,657	1	·
- [	1.1	i	1		ŀ		l	EJEP	Ш	29.2				[
$\sqcup$			100-	<del> </del>	<del></del>	7.15	SSE	DARF SAPA	No M	14.3			45,049	
197	06702050	Xedeh	1960	7,16	•	1 "	306	SFRS	M2	25.0	41.0	1,025		1
						<u> </u>		ADD-IS	M2	26.0			92,381	<del> </del>
198	07000230	Perak :	1940	5.86	1	5.89	883	SBPR-REP DSRP-YOR	1/2 1/2	41.0 42.0				1
	•			1	1	1	]	BRP-TOA(S)	No	12.0	0.0	Ó	]	1
.			[ -		·		Ì	ARF-PAL	Н	24.0			1	310×310
٠ إ		١.	}	1	ì	1	}	COFFERDAM	No No	2.0			1	H-1.0
		l .	1		1	1_	L_	DETOUR	и	45.9	590.0	27,039	l	<u></u>
199	07001760	Parak	1970	14.80	3	44.36	iT.	EJRP	M H2	19.0 76.0				ì
		İ	1	1	l			PRF-PAL SFRS	M2	14.6				
			1 .		!		]	ASIN	No	2.0	3920.0	8,040	]	l., aa
			1	L	<b></b>	<b></b>	\	COFFERDAM	No	25.2				H=2.0
200	07002460	Parak	1950	3,68	1	3.00	588	DSRP - TOR	142	29.5			1	1
ļ		1	1	1	1			BRP-TOR(S)	No	10.0	0.0	0	]	
		ŀ	1	l		1 :		ARF-PAL	112	29.0				  H=2.0
			1	1	1 .	1	l.	COFFERDAM	No M	43.9			1	
201	07602330	Persk	1953	5.25	1	6.35	588	DETOUR DSRP-TOR	M2	35.0	5600	19,500		
ויי	a10059#)				`	1	-	BRP-TOR(S)	No	10.0			4	1
			ļ		ļ <u>.</u>		403	SEPR-REP	M2	6.0				
20≵	07602480	Parek	1950	6.34	1	5.34	583	OSAP-TOR	M2	30.0			1	1
			] .					BAP-TOR(S)	No	10.0	0.0	0	]	1
	4 (4 )		1		1.	1	[	AFPR-REV WARP	M2	18.0				
									143					

### APPENDIX-R3 COST ESTIMATE OF EACH STUDY BRIDGE (218 BRIDGES)

No.	Key	State	Yest Built	Max. Spari	No's	Span Leagth	Type	Rehabilitation Plens	Unit	Quantly	Unit Price (MB)	Amount (M\$)	Totel Amount (태)	Fi een erks
			1980	(m) 6 35	Spans	(m) 6.35	Bridge 888	SBPR-REP	M2	34.0	0.0	1999	124,277	
203	07604020	Perik	1860	6 3 4	•	0.55		DSRP-TOR	143	34.0	860.0	19,040		
		1		- 1				8RP-TOR(5)	No	100	0.0	0		l .
	}	] .		1		1	1	ARF-PAL	112	35.0	1900	6,840		<b>)</b> .
	Į.	1				1	1	ADD~IS	M2	22.6	1940.0	43,650		•
		1						COFFERDAM	No	2.0	13700.0	27,400		Het.0
	1			l		1		DETOUR	W	46.4	\$600	27,347		
204	67804180	Ferek	1080	3.23	1	3 23	888	SOPA-REP	V13	14.0	0.0	0	69,655	
-	:			1		1	Į.	DSRP-TOR	M12	17.8	860.0	9,600		
	1			- 1			l	BRP - TOR(S)	No	10.0	0.0	. 0		'
				- 1			Ì	AOD -IS	542	125	1940.0	24,250		1
		I						DETOUR	M	43.2	590.0	28,505		
205	07604750	Parak	1960	9.31	1	9.34	888	SBPR-REP	112	97.0	0.0		66,561	ļ
	J	]	l J	ļ		l .		DSRP-TOR	M2	63.0	660.0	35,280	1	]
		] !		i				BRP-TOR(S)	No	12.0	0.0	0		,
		i . !	i i	i		)		AFFR-REY	H2	14.0	140.0	1,980		
		1 1						APR-INJ(M)	I M	1.6	140.0	210		
		l . i	l				l	DETOUR	M	49.3	\$90.0	29,111	· · · · · · · · · · · · · · · · · · ·	<u> </u>
200	07606390	Perok	1950	3.07	t	3.07	588	SEPR-REP	M2	18.0	0.0	0	37,591	
	1	1					ĺ	OSRP-TOR	M2	17.0	550.0	9 520		
	]	1				i	l	BRP-TOR(S)	No	10.0	0.0	0		
	1			ļ		1	l	WWAS	193	2.1	6600	1,280		
	1		1	ŀ		1	l	AFPR-REV	PIS	10.0	140.0	1,400		·
	L		1			L	I	DETOUR	k	43.1	590.0	25,411	<u></u> -	
207	08801000	N.Sembšan	1950	9.62	1	9.52	568	SEPR-REP	113	87.0	0.0		97,454	
-				1				DSRP-YOR	M2	72.3	560.0	40,488		
		<b>!</b>						BRP-TOR(S)	No	12.0	0.0	0		
				1				ARF-SP	3	10.0	1770.0	17,700		
		1	<u> </u>	1				DETOUR	14	49.6	890.0	29,276		
200	08801190	N.Sambžan	1950	4,64	1	4.64	588	SBPR-REP	LH2	27.0	6.0	0	47,430	
	İ	Į į		l.			l	DSAP-TOR	¥₹	23.0	880.0	12,880		
				- 1				BRP-TOR(S)	No	10.0	0.0	0		i *
	ļ			ſ		1		APR-INJ	H	1.0	120.0	120		
	ŀ	]		. 1		1		WWAS	М3	13.5	8000	8100		
	}	]	. ]	- 1		]	ļ	APR-PAT	M2	0.1	270.0	27	٠.	j
	· ·	[	_ [	1				RUOTED	Ħ	44.6	890.0	26,338		
209	08301410	N.Sambian	1950	3.60	1	3.68	\$88						-	BRIDGE HAS BEEN REPLACED
210	08-901-930	N.Sembdan	1950	3.75	1	3.75	85B	DSRP-YOR	M2	33.0	550.0	19,450	44,293	
			1					BRP-TOR(5)	Но	12.0	0.0	- 0		
		L						DETOUR	М	43.0	\$90.0	25,813		
211	08602160	Neidme3.14	1250	3.70	t	3.70	589	SSPR-REP	M2	9.6	0.0	0	39,783	·
				l l				OSRP-TOR	M2	25.0	5400	14,000		
			<b> </b>					BRP-TOR(\$)	No	12.0	0.0	0		Ì
		L	LI			L.'	L	DETOUR	М	43.7	580.0	25,783		
212	04502000	fri.Semblan	1950	3.00	1	3.00	588		142	67.6	1990.0	199,300	158,668	REPLACEMENT OF SUPERSTRUCTURE
- 1	i	( )	i 1	í				AFR-INJ(M)	м	1.2	1400	160		Í
		L	ii					DETOUR	¥	43.0	690.0	25 370		
213	08802340	N.Sambian	1950	3.08	ſ	3.08	RCB		<u> </u>	-				BRIDGE HAS BEEN REPLACED
214	09503735	N.Sambian	1950	4.80	2	9.72	SBB		N3	134.9	1899.0	286,660	295,995	TOTAL REPLACEMENT
_		i !	[					DETOUR	М	49.7	5900	29,335		
215	08803990	N.Semblan	1930	9.62	1	9.62	588	S&PR-REP	142	85.8	0.0	0	81,442	
			1	j		4	l"	DSAP~TOR	M3	57.4	560.0	32,188		į .
		[		j		j l		BRP-TOR(S)	No	12.0	0.0	0		
-		ļ i	I			J	L	DETOUR	n	19.6	590.0	29,278		<u> </u>
216	08604640	N.Semblan	1950	9.51	1	9.51	588	SEPR-REP	M2	66.2	0.0	9	132968	
- 1		į j	∣ J	J		] .		DSAP-TOR	WS	87.1	560.0	31,993		Į.
į		]	. [	1				BRP-TOR(S)	No	12.0	0.0	. 0		
- 1		]		- 1		l 1		APR-PAT	M2	1.4]	2700	370		
- [		<b>!</b>	۱			ļ. I	:	AD0~13	M2	35.8	1940.0	71,392		
						<u> </u>		DETOUR	M	49.6	596.0	29,211		<u> </u>
		•								Grand T	o <del>lad</del>	34,612,085	34,612,665	
	SPECIAL	BRIDGES				-					· ·			
							·							(a) a s a a a a a a a a a a a a a a a a a
1	-	EABAH	1984	25.70	- 3	60.10						757,671		INCLUDED IN DETAILED SURVEY
2		BARAWAK	1965	19.80	5	71.60	SBC		1 ]			401,977		INCLUDED IN DETAILED SURVEY
3	371060	KELANTAN	1662	30.00	29	840.00	RCe		1]			699,435		INCLUDED IN DETAILED SURVEY
											Tetal	\$1,859,083		

# APPENDIX – S

BA	CKUI	PDATA	A FOR	ECONO	MIC I	EVALUA	TION
						Mark the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	
							<u> </u>
Mina .					Secretary and the second		



# TABLE OF CONTENTS

APPENDIX-S1	SUMMARY OF CURRENT TRAFFIC DATA FOR COST BENEFIT ANALYSIS	S-	1.
APPENDIX-S2	SUMMARY OF BRIDGE REHABILITATION DATA FOR COST BENEFIT ANALYSIS	s-	5
APPENDIX-S3	ECONOMIC INDICATORS OF INDIVIDUAL BRIDGE	s-	9
APPENDIX-S4	EXAMPLE OF CALCULATION FOR ECONOMIC INDICATORS	s-1	.3

# APPENDIX - S1

SUMMARY OF CURRENT TRAFFIC DATA FOR COST BENEFIT ANALYSIS

# Appendix-S1 Summary of Current Traffic Data for Cost Benefit Analysis (1)

NO.	KEY	STATE	STN.		м. S.	CARRIA WAY (m)	SIDE WALK (m)	l or R 1	OF Pedest	CAPACI	DEMAND	RATE	16-Hrs TRAFFIC	TRAFFIC	CARS	S. VAN: S. UTL.	S MED. LORRY	HEAVY LORRY	BUSES	M, CACI
R201	R202	\$201\$	5202\$	S203\$	S204\$	R203					R206	R207	R210	R211	R212	R213	R214	R215	R216	R217
1	102590			J. BAHRU	225-461						4	3, 20	22, 565 10, 693	1,826 869		7, 6 10. 0		10.8 12.8		13.8
2	108100			KLUANG KLUANG	222-453 222-453	7.40	0.54	Lak	ļ	1, 941 2, 368	934 934	4.40	10,693 10,693		47.9			12.8	3, 2	
4	112630	JOHOR	10R	BATU PAHAT	219-220	6.11	0.48			1, 920	618	7. 10	7, 758	562	39. 9	8.6	12.7	15.0	1, 7	22.0
5	113760			SEGAMAT	219-220 219-220	6.00			Much	1,756 1,756	618 618	7. 10 2. 20	7, 758 7, 758	562 562	39. 9 39. 9	8.6		15.0 15.0	1.7	22.0
7	114920 116580			SEGAMAT SEGAMAT	219-220	7. 56	ì			1.898	579	2. 20	7, 758	562	39. 9	8.6	12. 7	15.0	Î. 7	22.0
8	121260	JOHOR		SEGAMAT	213-217	6.80	ĺ	1		2, 103	495 495	0. 10 0. 10	5, 667 5, 667	450 450	42.1 42.1	10.0 10.0	11.2	12. 2 12. 2	2,4	22.1
10	121280			SEGAMAT TAMPIN	213-217	6. 90		1		2,068	653	2. 20	5,056	500	51.3			6.3	2.3	
11.	128254	NS	33	REMBAU	197-198	7.45				2,028	653	2. 20	8, 477	837	43.4	13. 9		8.9	••••••	16.3
12		SELANGOR SELANGOR		ULU S'GOR ULU S'GOR	153-154 153-439		1.81		Much	•	1,026 870	2. 90 2. 80	9, 537 9, 537	765 765	56. 2 56. 2		9.7	5. 7 5. 7	4.7	10.7 10.7
14	148800	PERAK	21A	BTG PADANG	152-439	7. 50				2.448	868	2. 60	8,617	753	53. 9	10.3	9.0	10.8	5. 2	10.1
15	149820			BTG PADANG	152-437		ļ	ļ		2, 154	868 868	2.60 2.60	10,648 10,648	817 817	48, 4		9.7		4.6	
16	151360 155590	*******		BTG PADANG KINTA	151-437 150-151	7. 52		: :	:	Z. 3 3	973	0.80	10, 524	865	49.0	9.6	9, 5	11. 2	3.8	16.8
18	159100	PERAK	18R	KINTA	138-139				Much Much	2, 453	2, 432		17, 791	1, 484 871	57. 8 38. 7		7. 2 15. 1	4.8 9.7	4.0 3.3	15.5 20.1
19 20	161140 161290			KINTA KINTA	134-482 133-134	7. 33 9. 35	·····	·····	Much Much	2, 262		-0.30 -0.30	8, 937 8, 937	871						
21	166220	PERAK	C10	LRT MATANG	130-426	8.79	<u> </u>	.ii	<u>.</u>	1,959	722	1.60	2, 946	319	34. 9	11.0	7. 9	1.8	5. 1	39.3
22	166510			LRT WATANG KOTA SETAR	130-426 108-109	7.87	<del>-</del>	-	ļ	1,959 2,356		1, 60 0, 10	2, 946 5, 057	319 622	34. 9 45. 8		********	1, 8		39.3
23 24	184400 184900			KOTA SETAR	108-109	8. 40	1	<u> </u>		2, 205	1,085	0, 10	5, 057	622	45.8	6.7	11.6	0.4	1.5	34.0
25	184980	XEDAH		XOTA SETAR	108-109	7.00	0.71	L&R		2, 205	1,085	0. L0 3. 90	5, 057 5, 057	622 622				0.4	*	34.0 34.0
26 27	186210 228540			KOTA SETAR Maran	106~107 252~256	7.15 7.94	1			1,973	758	1. 20	6, 080	468	45. 9				3. 3	14.3
28	228970	PAHANG	81A	MARAN	252-256	7. 30	6.50	L&R	I	2, 202		1. 20	6,080	468						
29 30		PAHANG PAHANG		KUANTAN KUANTAN	252~256 252~256	6.78 10.50	0.79	L&R	ļ	1, 973 2, 262		1. 20 1. 20	6,080 6,080	468 468	45.9				***********	
31		PAHANG		XUANTAN	252-256	6.62	1		Much	1,963	758	4.90	5,080	468	45. 9	12. 5	13. 2	10. 9	3, 3	14.3
32	237200	PAHANG		KUANTAN	258-261	7. 32	0.91	L&R	ļ	2, 131	1,394	7. 40 5. 10	12, 593 9, 022	1, 310 673	51.7 44.5					
33 34	303220 303430		F48A	K. TINGGI K. TINGGI	233~234 233~234	6.53 7.72	<u> </u>		ļ	2, 153	754	5, 10	9, 022	673	44. 5		15.8	6.0	3. 1	20.8
35	303890	JOHOR		X. TINGGI	234-235	6. 37			Much	2,051	. 134	5. 10 5. 10	3, 768	358						***************************************
36 37	304060			X. TINGGI X. TINGGI	235-236 235-236	8.93	1.92	L&R		$\frac{1,899}{2,122}$	754 370	5.10 4.00	3, 768 3, 768	358 358						***
38	306390	JOHOR	F50	K. TINGGI	236-238	7.57	<u>.</u>		<u>.</u>	1,941	370	1. 10	2,878	278	37. 8	10.3	8.4	12.0	2. 2	29.3
39	306710			K. TINGGI MERSING	236-238	7. 33 8. 67	ŧ	:	Much	1,941	370 370	1. 10 0. 80	2, 878 5, 746	278	37.8					
40 41	313150 313520			MERSING	239-299	7.56	<u>†</u>	į	Much	2, 103	370	7, 60	5, 746	464	35, 5	7.6	5. 4	3.7	1.5	46.2
42	314180	JOHOR	F51	MERSING	239-299	7. 36	<u> </u>		ļ	2, 103	***********	7.60	5, 746	464		.,				
43	316745			MERSING ROMPIN	240-299 240-299	5. 35 7. 30	0. 92	LER	<u> </u>	1, 947 1, 755	310	7, 60 7, 60	5, 746 2, 064	464 195	35. 5 37. 6		********		**********	25.6
45	319110	PAHANG	J19	ROYPIX	240-299	6. 74			Much	1,655	Ţ <u>.</u>	6.40	2,064	195	37. 6	19.0	8.6			
46	319690 323070		:	ROMPIN PEKAN	240-299 24-241	6.85	D QX	₽₽		1,655		6. 40 1. 80	2,064 1,751	195 151						
48	326020			PEKAN	240-241	8.16	1			1,674	ļ	1.80	1,751	151	46.8	14.5	7. 3	6.0	1.8	23.5
49	326950	PAHANG				6.15	ļ		Much			1.80 1.80	1,751	151 281						
50 51	336310 337240		122	KUANTAN KUANTAN	259-260	6. 68	0.50	L&R	Much	1,831	439	1.80	2,626 2,626			13.			2. 4	40.3
	338580	TRENGGANU	92	KEYAMAN	261-262	. 6.72	1.16	LER	Much	1, 907	428	9, 80	4, 206	379		20.4				17.8
53		TRENGGANU		KEYAMAN KEYAYAN	262-263 262-263		1.14	L&R		1,907 1,920		9, 80 1, 50	4, 206 4, 206			20.4				17.8
. 54 55		TRENGGANU		DUNGUN	265-266			1		1,868	511	8.20	8,656	703	49. 2	16.0	7.2	5. 4	2.	3 20.0
56	354190	TRENGGANU	94	<b>k</b> . T.	212-213	7.68		4	<u> </u>	1,978		19.80	8, 191			15. 2				3 28. 6 3 28. 6
57 58		TRENGGANU		Х. Т. Х. Т.	272-273	7. 33 6. 70		÷	<u> </u>	1,978		19.80 4.30	8, 191 4, 193		47. 1					28.8
53	357200	TRENGGANU	J.	X. T.		6.70			ļ	1,889	474	4. 30	4, 465	363	47. 8	16. 9	8. 5	6, 7	3. 1	17.0
63	357270	TRENCGANU	95		275-275 276-277	6. 71 6. 67		ļ	Much	1,889 1,876		4.30 11.90	4, 465 4, 465			16.9 16.9				l 17.0 l 17.0
61 52		TRENGGANU TRENGGANU			276-277 277-278	7. 29		1	macil	1,876	474	11.90	4, 465	363	47.8	16.5	8. 5	6. 7	3.1	17.0
63	366660	KELANTAN	96	P. PUTEH	280-281	5. 94				1,689		9.40	8,022	666	41.8	15. 8	5. 6	4.4	2. 9	3 29.6 9 29.6
64 65		KELANTAN KELANTAN		P. PUTEH P. PUTEH	218-282 218-282	6.32	. <u>‡</u>	<del>-</del>	<u></u>	1,689 2,074		9, 40 7, 30	8,022 11,036			15.8				9 29.6 3 24.7
6.5 8.6	505380			PONTIAN	230-231	6.86	1.65			1,893	929	9.40	6,583	535	47. 9	9. (	8. (	2. 8	5.4	1 : 26. 8
67	506670	JOHOR	F46R	PONTIAN	230-231	7. 32	0. 92	1.&R		1,848	579	⊢0.60	6,583		47.9			*		26.6 26.6
68 69	507230 507810			PONTIAN PONTIAN	230-231 230-231	7.30	0.50	TRAK	<u> </u>	1,848 1,848	579	-0.60 -0.60	6,583	535	47. 9			2.6	5. 4	26.5
70	510560	JOHOR	F44	BATU PAHAT	207-230	7. 30	0. 92		Ţ	1,980	579	1.40	7, 735	583	48. €	14.	6.7	1. 1.	2.	27.2
71	512960	JOHOR		BATU PAHAT BATU PAHAT	207-209 207-209		2.45 1.80		ļ	2,004	570	5. 80 3. 70	8,836 8,836			11. 11.				30. 6 30. 6
72	514300 514370			BATU PAHAT BATU PAHAT				LOIN.	İ	1,849	570	3. 70	7,741			B 9.				0 18.7
. 43	STARKE.	วงแกน	1.350	ante ingli.			,			c.)										

### Appendix-s1 summary of Current Traffic Data for Cost Benefit Analysis (2)

KO.	KEY	STATE	STN.	DISTRICT	M. S.	CARRIA WAY (m)	SIDE WALK (m)	L or R		CAPAC		SENGROWI	H 16-Hrs TRAFFIC		CARS	S. VAN		REAVY		
R201	R202	\$201\$	\$202\$	S203S	S204S	R203					R20	6 R207	. R210	R211			R214		R216	R217
	514860 516890		F42A H19	MUAR MUAR	207-209	6. 10 6. 21				1, 893 1, 763	******	0 -5.00 0 4.10				9.3 11.8		5. 6 1. 1	4. 0 2. 9	18. 7 24. 7
	519360 519550			JASIN JASIN	205-206 205-206	6. 78 6. 70	0. 82	L&R		1,893	1, 20	2 8.70	13, 977		5. 9	11. 2 11. 2		4.6		19. 1 19. 1
78	519700 520130	MELAKA	F40	JASIN JASIN	205-206 205-206	6. 70	0.85 0.85	L&R	Much	i, 893 1, 893	1, 20	2 9.70	13, 977	1, 143	5. 9	11. 2 7. 5	7.7	4. 6	3. 5 3. 9	19. 1 24. 1
80	520850 521300	MELAKA	G19	JASIN MELAKA TGH	205-206	6.72 8.14	0.45		Much		1, 2	2 : 7. 10	13,061	1,130	50. 2	7, 5	10.5	3.8	3, 9	24. 1 37. 8
82	521710 521980	MELAKA	F39	MELAKA TGH MELAKA TGI	202-204	6.53			Much	1,995	1, 20	2 : 6. 90	13,712	***************************************	45.8	6.8 8.3	4.8	2.6	3.4 4.0	34.4
84	522760	MELAKA	G17	MPM	202-204	6.70 14.60	2. 60	R		1, 995 2, 390	1, 5	6 3, 90	8, 494	743	47. 5	6. 4 5. 7	3.8	0.7	2. 5 3. 2	37. 5 39. 1
	523300 523520	MELAKA	C3	MELAKA TGI MELAKA TGI	202-204		0.65	L&R		2, 175 1, 854	71	1 4.80	3, 494	283	44.7	5. 7 6. 4	3.5	0. 7 1. 2	3, 2 2, 1	39. 1 42. 1
87 88	524420 524990		G1	MELAKA TGH ALOR GAJAH		5.35 5.90	2. 10	L&R		1,793 1,793		51 4.90 51 4.90			44.5	6. 2 5. 8		5. 5 4. 9	2.6	37. 2 42. 3
	529600 532850	···		PD PD	194-202	4.69 6.32	0.88	L&R		1,542 1,493		37 ⊱2, 90 37 : 3, 80			36.4 36.4	9.3	+	11.7	2.3	32.6 32.6
	534450 534570	NS SELANGOR	53 F21	PD SEPANG	175-194 175-194	6.70 5.56	0. 37	L&R		1,507 1,507		12   4, 30 12   4, 30				9.3		11.7	2.3	32. 6 35. 4
93	5356 <b>6</b> 0	SELANGOR SELANGOR	F 21	SEPANG X. LANGAT	175-194 Bridge	6. 72	0.35 1.50			1, 507 1, 840	3	72   4.30 72   9.50	4,607	338	39. 2	8.8	12.0	0.9	3.8	35. 4 35. 4
95	540780	SELANGOR SELANGOR	*******	X. LANGAT	BRIDGE BRIDGE	6, 65 6, 95				1,660 1,660	1, 1	95 9.50	17,632	1,510	39. 2	9.8	11.3	5. 8 5. 8	5.3 5.3	28. 6 28. 6
97	541000	SELANGOR SELANGOR	D21 F20	K. LANGAT	BRIDGE 165-175	7.48 7.94				1,793 1,793	1, 1	95 9.50	17,632	1,510	39. 2	9.8	11.3	5.8	5. 3 3. 0	28. 6 25. 7
99 :	546560	SELANGOR	D33	X. SELANGOR	162-163	7. 29	*******		Much	1, 723	7	67 <u>-1.9</u> 0	7, 986	650	35. 4	13.8	16.5	7. 6	3.0	23.7
101	549550	SELANGOR SELANGOR	F15R	X. SELANGOR X. SELANGOR	161-162		1.84 0.61	L&R	Much		7	67 -1. 91 14 -1. 91	8,583	745	41. 8	13.8 13.9	9.6	7.6 2.9	3.0 1.6	30.5
103	555290 556900	PERAK	F14	II. PERAK II. PERAK	148-161 148-161	6.74	1. 22	FØK		1, 699	9	50   6.70 69   5.80	11,698	901	38. 7	15. 7 9. 7	5.0	8.4 1.8	2. 3 3. 2	26. 9 41. 6
104 105	563880 567840			MANJUNG KINTA	141-142 135-142	7, 10 6, 14				1, 772 1, 849		69   1.20 25   1.30				11.9 11.6		1.3	2.8	39 1 30.2
106	569630 700660			KINTA KOTA SETAR	135-142		2. 50	L	Much Much	2, 150 2, 196		61   4.40 70   4.80				11.6 12.3		1.0 3.1	1.9	30. 2 30. 6
108 109	700750 701810		F3A	KOTA SETAR KBG. PASU	104-105	7.30 7.95	1.85	L&R	Much Much	1, 915 2, 055						12.3 12.3		3. 1 3. 1	2.3	30. 6 30. 6
110 111	702630		F3A	XBG. PASU PERLIS	104-105 104-105		1.80	L&R		1, 915 1, 805	1, 0		10, 291	904	42.6	12. 3 8. 1	9, 3	3.1	2.3	30.6 31.9
112	<del></del> <del>.</del>	PERLIS	A18	PERLIS BENTONG	BRIDGE 284-285	6, 20 5, 54				1,649 1.929	5	29 5.9 40 2.5	8,728	735	48:3	8.1 9.6	8.9	1.1	1.8	31.9 31.9
114	803050	PAHANG	J10	RAUB		5. 10		÷		1,449 1,506	4	31 : 3. 74 69 : 3. 74	4, 290	388	43.8	10. 4 12. 2	12.4	6.2	3. 2	24. 1 32. 5
115	810120	PAHANG PAHANG	: F58	RAUB K. LIPIS	284-285 286-288	5. 64 6. 00		+		1,413	3	23 7. 7	3, 763	281	37. 5	13. 2	9.5	13. 2	2.6	24. i
		PAHANG PAHANG		K. LIPIS K. LIPIS	288-309 289-309	7. 31	0.30			1,540 1,634	3	23 16.3 23 16.3	3, 030	242	34. 7	17. 1	3.1	12.0 12.0	0.8	32.3
		KELANTAN KELANTAN	F63	GUA MUSANG KUALA KRAI		7.30 6.53	1.88	LER		1, 762 1, 517		99 11.7 88 3.8	****	625	52.5	17.1	8.0	12.0 7.3	1.8	32.3 20.2
		KELANTAN KELANTAN		KUALA KRAI MACHANG	290-291 283-471	8.20 6.69				1, 701 1, 593		88 : 3. 8 88 : 5. 9				10.3		7.3	1.8 2.2	20. 2 16. 5
123 :		KELANTAN		MACHANG K. PILAH	283-471 192-201				ļ	1,810 1,514	2.4	29 5.9 50 4.6			57. 0 42. 2			2.5	2. 2 4. 5	16. 5 31. 1
125	901420 901700	ЖS	F33	K. PILAH K. PILAH	192-201 192-201	6.70	0. 59	L&R		1,514		50 4.6 50 4.6			42. 2			4.7		31.1
127	901960	ΝS	F33	K. PILAH	192-201 192-201	6.80	0.50 0.50	L&R	1	1, 514 1, 497	2	50 4.6 50 4.6	0 2,50	230	42.2		6.5		4.5	
128 129	902270 902360	NS	F32	K. PILAH K. PILAH	192-201	6, 85	0.50	L&R		1, 497	Ž	50 . 4.6	0 : 2,546	202	36. 6	11.4	8.7	5.9	3. 2	34. 2 34. 2
131	902430 902440	NS	F32	K. PILAH K. PILAH	1920201 192-201	6. 90	0.50 0.50			1, 497	. 2	50 4.6 50 4.6	0 2,540	202	36.6	11. 4 11. 4	8.7	5.9	3. 2	34. 2
	904330 906190		F24	K. PILAH JEMPUL	190-199 189-190	5. <b>90</b> 6. 19	ļ		<u> </u>	1,512 1,560	5	50 4.6 41 5.1	0 3,80	304		11. 3	4.8	2. 9	2. 1	37. 9 37. 9
	907010 908400			JELEBU JELEBU	189-248 189-249	6. 18 6. 10	1			1,711		07 : 6.8 07 : 6.8	0 3, 18	267	26.0	9. 4 9. 4	4.1	5. 1 5. 1	1.2	54.2
136	911990 105770	PAHANG	J04	BENTONG JEMPUL	189-248	6.10	0.39	L&R		1,624	3	07   6.2 69 31.6			28.6 28.3	8.6 15.1				47. 2 23. 6
138 1	800060 800670	PERAK	C19	MANJUNG MANJUNG	144-145 144-145	6. 75			Much	1,854	2.0	08   6.0 92   6.0	0 15.80	1, 280	47.1	9. C	4.6	0.5	2.9	
140 2	305040	JOHOR	S22	SEGAMAT	210-218	5. 55		<del></del>	<del></del>	1, 577	2	59 1.6 59 1.6	0 4,08	3 325	45. 2	9. 2	9.6	1.6	1.6	32. 9
142 3	305970 001070	JOHOR	F41	SEGAMAT BATU PAHAT			4.00			1,849	2,0	67 4.0	0 10,06	859	53.6	10. 2	11.7	4. 5	3.6	16.4 16.4
144 5	001890 002590	JOHOR	F41	BATU PAHAT BATU PAHAT	209-221	5. 90	3, 73	: L&K	ļ,	1,60	1, 1	71 4.0 71 6.7	0 10,05	859	3 . 53. 6		2 11.7	4.5	3.6	
	100840 101360			SEREMBAN SEREMBAN	187-191 187-191		2.50	L	ļ			22 -6.5 22 -6.5			7 51.1					21. 2

Append-S

Appendix-81 Summary of Current Traffic Data for Cost Benefit Analysis (3)

NO.	KEY	STATE	STN.	DISTRICT	M. S.	CARRIA WAY	WALK	l or	. OF	CAPACI			16-Hrs TRAFFIC		CARS	S. VAN		HEAVY		
R201	R202	S201\$	\$202\$	S203\$	S204\$	(m) R203	(m) R204		PEDEST 8206 <b>\$</b>	R205	R206	R207	R210	R211			LORRY R214		R216	R217
	5101460 5102060		F27	SEREMBAN K. PILAH	187-191 187-191	12. 60 7. 55	1, 70	R		1,762 1,623		-8.50 1.50	5, 702 5, 702	487 487	51. 1 51. 1	11.5		5.7 5.7		21.2
149	5102280	NS	F27	K. PILAH	187-191	5, 84				1,531	522	1, 60	5, 702	487	51.1	11. 9 11. 9	7.9		2.2	21.2
	5102380 5102670		F27	K. PILAK K. PILAN	187-191 187-191	5.70 7.32				1,538 1,762		1.60 1.60	5, 102 5, 102	487 487	51.1 51.1	11. 9	7. 9	5. 7	2. 2	21.2
	5103030 5103300		F27		187-191 187-191	6. 76 6. 74				1,531 1,578	*	1. 60 1. 60	5, 102 7, 989	487 567	56.3	11. 9 8. 3		5.7 3.9	2, 2	21.2
154	5200280	NS	318	SEREMBAN	73-181	9. 78				2,439	625	3.80	7, 331 7, 501	576	56. 3	11. 3	7, 7	3. 7	3, 7	17.4
		SELANGOR SELANGOR	29 1	U. LANGAT U. LANGAT	180-181 179-180	6. 92 8. 40	1.12	R		2,087 2,580	576 721	4. 70 5. 40	7, 501	663 563	56. 5 56. 5	9. 7 9. 7	8,4	3. 3	3.3	16. 8 18. 8
*******	5204870 5300470	SELANGOR	29 F29 F	U. LANGAT	177-108 193-194	7, 38 8, 90	0.80	Läk		2,580 2,051	721 653	5. 40 2. 20	7,501 4,213	663 431	56, 5 43, 8	9.7 8.9		3.3 6.1	3.3	18. 8 26. 6
159	5300960	МS	£20R	PD	193-194	8.55				2,051	653	2, 20	9, 914	746	46.7	7.3	13.1	6.4	2.3	24.3
	5301190 5302050		E27 S	PO SEREMBAN	193-194 193-194	8. 45 6. 78	0.58	L&R		1,940 1,940	653 653	2. 20 2. 20	6, 816 6, 816	517 517	51.9	9.9		7.3	2.5	19.8
	5302160 5302340			SEREMBAN SEREMBAN	184-193 184-193	6. 90 i 8. 10	0.55	187		1,994 1,994		2. 20 2. 20	6, 816 6, 816	517 517	51. 9 51. 9	9. 9		7, 3	2. 5	19.8
164	5403460	SELANGOR	D08	PETALING	162-442	Ij-				1, 962	1,000	11.30	8, 200	959	37, 2	14.4	9, 7	0.9	3, 7	34.1
********	5403570 5801510	SELANGOR PERAK		PETALING HLR PERAK	149-151	6. 90 17-	4.00	L&R		1. 291		11.30 1.00	8, 200 5, 347	959 464	28.0	14. 4 10. 8	9. 7 18. 8	0. 9 10. 4	3. 7 5. 6	34. 1 26. 5
167	5801620	PERAK	C28	BLR PERAK	149-151 149-151	6, 90 5, 70				1, 291 1, 578	417	1.00 3,50	5, 347 4, 288	484 325	28. 0 36. 5	10. 8 10. 4	18.8	10. 4 2. 6	5. 8 3. 2	
	5803340 5901000			BTG PADANG BTG PADANG	150-434	6.70	0.58			1,749	544	19.40	5, 031	495	40.6	8. 7	4. 1	2. 2	1.4	43.0
	5901070 5901480			BTG PADANG BTG PADANG	150-434 296-434	6. 70 7. 20		l&r l&r		1,749	******	18.40 19.40	5,031 5,031	495 495	40.6	8.7		2. 2	1.4	43.0 43.0
172	5901580	PERAK	F12R	BTG PADANG	296-434	6. 75	0.54	L&R		1,749	544	19.40	5, 031	495	40.6	8. 7	4.1	2. 2	1.4	43.0
	5901690 5902030			BTG PADANG BTG PADANG		6. 74 6. 60	0.54	lar Lar		1,749 1,649	**********	19.40 19.40	5, 031 5, 031	495 495	40.6	8.7 8.7		2. 2	1.4	43.0 43.0
175	5902230 5902690	PERAK	F12R	BTG PADANG BTG PADANG	296-434	6, 65 7, 20	0. 54 0. 54	L&R R		1,649 1,749		19.40 19.40	5, 031 5, 031	495 495	40.6	8. 7 8. 7		2.2	1.4	43.0 43.0
	5902920		F12R 1	BTG PADANG	296-434	6, 75	0.55	LAR		1,749	544	19.40	5, 031	495	40.6	8.7	4.1	2. 2	1.4	43.0
	5903120 5905010			BTG PADANG LIPIS	Z96-434 BRIDGE	6. 70 6. 60	0.54	L&R		1,749 1,649		19.40 19.40	5, 031 5, 031	495 495	40.6	8. 7 8. 7		2. 2	1.4 1.4	43.0
180	5905290	PAHANG	1	LIPIS	BRIDGE	6.90				1,749	544	19.40	5,031	495	40.6	8.1	4.1	2.2	1.4	43.0
	5906010 6000970		**********	LIPIS WANJUNG	BRIDGE 140-145	6.95 4.60	0.40	R		1,749 1,488	352	19.40 5.70	5, 031 3, 658	495 318	40.6 32.9	8. 1 6. 1		2. 2 7. 5	27	43.0
	6001330 6005070			AANJUNG L&M&SELAMA	140-145 140-426	1j- 6. 70				1,578 1,439	352 346	5. 70 3. 00	3,658 1,555	318 143	32. 9 2. 1	6. 7 10. 8		7.5	2. 7 3. 7	41.3 36.1
185	6005220	PERAK	C08	awaselama	140-426	6. 70	0. 30	L&R		1,439	346	3.00	5, 138	425	37.0	12. 9	11.7	3.9	3. 0	31.5
	6005740 6006050			.&h&selama l&h&selama	140-426 140-426	6. 90 17-	· 		Much	1,578 1,405	346 346	5. 70 5. 70	5, 138 5, 138	425 425	37. 0 37. 0	12. 9 12. 9		3.9	3.0	31.5
188	6403300	PAHANG	J02	JERANTUT	286-287	5. 30				1, 405	169	5. 40	1, 251	121 121	27.8	18. (		11.0 11.0	3. 1 3. 1	28. 5 28. 5
	6403900 6404270			JERANTUT JERANTUT	286-287 286-287	6. 15 5. 60				1,405 1,405	169 169	5. 40 5. 40	1, 251 1, 251	121	27.8	18. ( 18. (		11.0	3 1	28.5
*******	6404940			IERANTUT Ierantut	286-287 286-287	5.70 6.65				1,405 1,490	169	5. 40 5. 40	1, 251 1, 251	121 121		18. (	) 11.6 ) 11.6	11.0 11.0	3, 1	28. 5 28. 5
*******	6405650 6406260	• • • • • • • • • • • • • • • • • • • •		ERANTUT	286-287	5. 60				1,405	169	5.40	1, 251	121	27.8	18.0	11.6	11.0	3, 1	28.5
******	6701200 6701230			K. MUDA/SIK K. MUDA/SIK	123-413	6.80 6.80			· · · · · · · · · · · · · · · · · · ·	1,822 1,822	578 578	4.40 4.40	6, 483 6, 483	565 565	44.1	10. 8		0.8	2.7	34. 9 34. 9
196	6701690	KEDAH	.,	( MUDA/SIK		7. 30	0. 90	L&R		1,822	578	4.40	6, 483	565	44.1			0.8	2.7	
	6702060 7000230			BALING BLR PERAK	147-149	6. 90 7. 02				1,822 1,551	578 417	4. 40 -3. 30	5, 341 5, 347	464	28.0	10.	18.8		5.6	
	7001790		C27A 1	ILR PERAK		7. 34 5. 69	1.08	L&R		1,551 1,463	417	-3.30 -3.30	3, 851 3, 851	344		10.2		9.5		33.2
	7002480 7602330		C10 2	STG PADANG (. KANGSAR		5. 70				1, 431	258	5.00	2, 946	319	34. 9	11.0	7.9	1.8	5.1	39.3
	7602480 760 <b>4</b> 020			K. KANGSAR KULU PERAK		5.80 5.60	1.06	R		1,550 1,550		5. 50 5. 50	3, 259 2, 333	284 186				8. 3 5. 3	2.7	
204	7604160	PERAK	C24	IULU PERAK	130~303	5. 60				1,550	258	5. 50	2, 333	186	37. 2	11.	6.0	5. 3	2, 7	36.9
	7604750 7606390			HULU PERAK HULU PERAK		7.00 5.70				1,530 1,443		8.00 8.00	1, 974 1, 974	180 180	31.8 31.8	9. 9.	8.5	11.9	2.4 2.4	35.9 35.9
207	8601000	λS	S17	SEREMBAN	187-188	6.95				1, 104	353	6.80	3, 649	367	43.9	11.	3.6			
	8601190 8601410			SEREMBAN Seremban	187-188 187-188	5.00 5.06				1, 104 1, 104	353	6. 80 6. 80	3, 649 3, 649		43.9	11.	3.6	1.6	1, 9	37.9
210	8601830 8602160	NS		SEREMBAN SEREMBAN	187-188	6.92 6.34				1,622 1,530		7.40 7.40	3,649 3,649		43. 9 43. 9					
212	8602600	NS	\$17	FLEBU	187-188	8.20	4.85	L&R		1,715	277	7. 40	3, 649	367	43.9	11. 2	2 3.6	1.6	1.9	37.9
	8602840 8603735			IELEBU Ielebu	187-188 188-189	6. 23 4. 40				1,530 1,530		7.40 8.10	3,649 3,376	367		8.				37. 9 45. 2
215	8603990	NS	E02	IELEBU	188-189	4.81				1,530	415	8.10	3, 376	376	32.0	8, (	7.3	3.6	3.9	45. 2 45. 2
216	8604640	ü2	: 202 :	(ELEBU	188-189	6. 21		i	L	1,530	410	8. 10	3, 376		32.0	9.			.4	

## APPENDIX - S2

SUMMARY OF BRIDGE REHABILITATION DATA FOR COST BENEFIT ANALYSIS

Appendix-S2 Summary of Bridge Rehabilitation Data for Cost Benefit Analysis (1)

Vo.	Key	State	District	Year Built	Bridge Length (m)	CARRIAG WAY (m)	SIDE WALK (m)	S. F.	Detour Da (Km)	Route Db (Km)	Reco		ollitation ReinfProte	•	Economic Cost (MS)
1	102590	Johor	J. BAHRU	1955	3.60	15. 9	3. 7		65	8	<u> </u>	<b></b>	*	6, 433	5, 146
	108100 108990	Johor Johor	KLUANG KLUANG	1954	27. 40 2. 18	6. 9 7. 4	0, 5	3. 0 2. 1	52 52	20 20	ļ		*	129, 535 6, 354	103,628 5,083
4	112630	Johor	BATU PAHAT	1960	6. 27	6. 1	0. 5	1.9	105	44	1	1	†	45, 128	36, 102
3	113760	Johor	SEGAMAT	1955	20.34	6.0		1.9	105	44	]		*	239, 015	191, 212
6	114920	Johor	SEGAMAT	1955	12.86	6.3		2. 1 2. 3	105	44	<u> </u>		*	189, 701	151, 761
9	116580 121260	Johor Johor	SEGAMAT SEGAMAT	1947 1955	4.88 2.42	7. 6 6. 8	*****		41 85	28 28	†	· †	<u> </u>	52, 675 0	42, 140
9	121280	Johor	SEGAMAT	1950	2.83	6. 9			83	44	Ì		1	0	0
10	125250	N. Sombilan	TAMPIN	1940	6. 70	6.5		2,6	39	14	ļ		*	6, 596	5, 277
11.	128254	N. Sembilan		1930	9.58	7.5		2.5	8 82	7	ļ		*	46, 160 2, 715	36, 928 2, 172
12	145100 146800	Selangor Selangor	ULU S'GOR	1935 1965	1.85 25.91	6. 2 7. 4	1.8 0.5		82	49 49	·†·····			97, 915	78, 332
14	148800	Perak	BTG PADANG	1962	2.40	7, 5		2.3	28	11	1		]	3, 625	2, 900
15	149820	Perak	BTG PADANG	1963	35.24	8.1		2.6	140	60	ļ	Ţ	*	81,747	65, 398
16	151360	Perak	BTG PADANG	1960 1970	63.56 3.62	6. 8 7. 5		1.4	140 47	60 12	ļ	. <del> </del>	<u> </u>	151,773 501,095	121, 418 400, 876
17	155590 159100	Perak Perak	KINTA KINTA	1948	31.30	10.7		3.7	14	14	·		<del>  *  </del>	001,030	1 400,070
19	161140	Perak	KINTA	1950	19, 11	7. 3	••••••	3.5	25	14	1	*		676, 314	541,051
20	161290	Perak	KINTA	1955	16.18	9, 4		2.7	23	. 12	ļ	*		430, 460	344, 368
21	166220	Perak	LRT WATANG	1945	5.67	8.8 7.9	••••••	4.0	88 88	27 27			<b>!</b> . <b>!</b>	146, 316 843, 424	117, 053 674, 739
22 23	166510 184400	Perak Kedah	LRT MATANC KOTA SETAR	1935 1950	10, 72 12, 20	13.9	••••••	3.7	39	19	·}		•	189, 991	151, 993
24	184900	Kedah	KOTA SETAR	1950	5. 20	8.4	····	4.0	39	19	1	1	<b>i</b> * <b>i</b>	101,813	81,450
25	184980	Kedah	KOTA SETAR	1950	4.64	7.0	0.7		39	19	ļ	.ļ		38, 511	30, 809
26	186210	Kedah	KOTA SETAR	1940	3. 23	7, 2 7, 9		2.6	15 26	4 3	ļ	.‡	*	64, 757 99, 572	51, 806 79, 658
27 28	228540 228970	Pahang Pahang	MARAN MARAN	1955 1965	6. 26 3. 03	7. 3	6. 5		203	95	†····	1	1 1	138, 188	110, 550
29	230850	Pahang	KUANTAN	1957	6.40	6.8		2.8	65	28	1	1	I	70,096	56,077
30		Pahang	KUANTAN	1960	7. 75	10.5	0.8		65	28	ļ	. [	ļ <b>.</b>	0	000.54
31	232880	Pahang	KUANTAH	1963	11.08 26.70	6. 6 7. 3	0. 9	3.5	28 20	19 13	ļ		1 .	258, 182 375, 724	206,546 300,579
32 33	237200 303220	Pahang Johor	KUANTAN K. TINGGI	1960 1940	4.84	6.5	0. 3	2.8	50			1	•	83, 924	67, 139
34	303430	Johor	K. TINGGI	1940	4.90	7. 7		3.6	50	14	1	1	<b></b>	78, 607	62, 886
35	303890	Johor	K. TINGGI	1940	9. 16	6.4		2.1	30	6	ļ	*	*	170,384	136, 307
36	304060 304390	Johor	k, Tinggi k. Tinggi	1963 1928	92. 25 3. 35	7.0 8.9	1.3		15 85	6 14	ļ			246, 674 152, 831	197, 339 122, 255
37 38	306390	Johor Johor	K. TINGGI	1974	64.57	7. 6	A2.29	1.8	170	70	1	†·····	•	312, 492	249, 994
39	306710	Johor	k, Tinggi	1959	51.98	7.3	······	1.4	170	70	1			342,083	273, 666
40	313150	Johor	MERSING	1950	4.40	8.7		1.7	367	153	.ļ		<u> </u>	187, 592	150, 074
41	313520	Pahang	MERSING MERSING	1960	3, 60 11, 00	7. 6 7. 4		3.3 1.5	367	153 153	<del></del>		*	192, 543 388, 132	154,034 310,506
43	314180 316745	Johor Pahang	MERSING	1965	5. 67	5.4	-,	4.0	367	153		·	1 1	145, 377	116, 302
44	317000	Pahang	ROMPIN	1974	397. 32	7.3	0.9	2.4	308	98	1	1		3, 449, 112	2, 759, 290
45	319110	Pahang	ROMPIN	1962	121.96	6. 7	1.0		308	98	ļ	.ļ	<b>.</b>	492, 789	394, 231
46	319690	Pahang	ROMPIN PEKAN	1960 1955	11.34 31.26	6. 9 7. 3	1.0	3. 1 2. 3	308 140	98 70	. <del> </del>	<u> </u>	*	141, 142 181, 994	112, 914 145, 595
48	323070 326020	Pahang Pahang	PEKAN	1965	5.73	6. 2	Ar.M.	3.5	140	70	†	Ť	*	97, 729	78, 183
49	328950	Pahang	PEKAN	1965	23. 52	6. 2		3.4	140	70	1		*	275, 633	220, 506
50		Pahang	KUANTAN	1958	36.00	6.7		2.4	28	11	.ļ	*	<u> </u>	438,072	350, 458
51		Pahang	KUANTAN	1957	6. 58 219. 13	6. 7 6. 7	0. 5 1. 2	2.7 3.5	72 74	36	*	. <u>.</u>	• •	85, 110 11, 783, 520	68,088 9,426,816
52		Terengganu Terengganu		1965 1963	152.20	6.7		3.4		5	ţX		1 +	1, 123, 070	898, 456
54		Terengganu		1955	36.14	6.8	.,.,	3. 5	75	23		*	*	1, 335, 912	1,068,730
55	346740	Terengganu	DUNGUN	1973	152.26	6.7		2. 1	54		į	.ļ	<b>!</b> * !	5, 568, 216	4, 454, 573
56		Terengganu		1960	11. 18	7, 7 7, 3			29 29		ļ		ļ	96,014	76, 811
. 57 58		Terengganu Terengganu		1963 1959	17.85 53.10	7, 3 6. 7		2.8 2.3	29 27		·	. <del> </del>	*	78, 271	62,617
5g		Terengganu		1959	5, 94	6.7		3.3				1	*	85, 253	68, 202
63		Terengganu	k.T.	1957	11.78	6.71		2, 2	56	24			*	77,908	62, 326
61	351490	Terengganu		1960	18. 03	6.67	,	2.0	59	55	. <b>.</b>	.j		151,500	129, 200
62		Terengganu Kelantan	BESUT P. PUTEH	1965 1952	5. 84 32. 46	7. 29 5. 94		2.8 4.0	50 13		· <del> </del>	÷		63, 976 957, 546	51, 181 766, 037
63 64		Kelantan	P. PUTEN	1951	9.58	6. 32		2.6	24	4	1	1	1 1	226, 950	181,560
65			P. PUTEH	1955	9. 68	7.62		3.6	22	8		1	<b>*</b>	193, 753	155, 002
66	505380	Johor	PONTIAN	1966	17.52	6.86	1.7	3.4	110	24	<b></b>			669, 252	535, 402
67	505670	Johor	PONTIAN	1971	36.17	7.32	0.9 0.5		110 110	24 24	<b></b> .	. <del>į</del>	<u> </u>	339,358 289,961	271, 486 231, 969
68 69	507230 507810	Johor Johor	PONTIAN PONTIAN	1966 1968	35. 21 47. 83	7. 30 7. 30	0. 3	2.8 2.7	110	24			*	574, 693	459, 754
70		Johor	BATU PAHAT		31.24	7. 30	0.9	2.6	22	19	1	1	1 *	241,003	192, 802
71	512960	Johor	BATU PAHAT	1965	30. 22	7. 32	2. 5	2.6	41			ļ		841, 275	673, 020
72	514300	Johor Johor	BATU PAHAT BATU PAHAT		22. 07 6. 31	7, 28 7, 16	1.8	2.6 3.1	41		. <del> </del>	.ļi	*	134, 842 71, 151	107, 874 56, 921

Appendix-S2 Summary of Bridge Rehabilitation Data for Cost Benefit Analysis (2)

o.	Көу	State	District	Year Built	Bridge Length (m)	CARRIAG WAY (m)	SIDE Walk S.F (m)			Route Db   (Ka)	Reco Wi		ilita Reinf		Project Cost (MS)	Economic Cost (MS)
	514860	Johor	MUAR	1955	46.03	6.10	1.8 2.		41	16	<u>-</u>				0	
	516890	Johor	MUAR	1966	17.82	6. 21	1.0 2.		42	30				*	108, 219	86, 5
76 77	519360 519550	Melaka Melaka	JASIN NIZAU	1955 1940	42.70	6.78	2.		45	19			ļ	*	376, 800	301, 44
78	519700	Melaka	JASIN	1961	4.95 4.88	6, 70	0.8 2. 0.9 2.		11	1 3		•	ļ	*	4, 924	3, 9
79	520130	Melaka	JASIN	1960	6.46	6. 70	0.9 2.		3	2			i I	*	126, 682 12, 514	101, 34 10, 0
80	520850	Melaka	JASIN	1950	4. 27	6.72	0, 5 : 4.		22	5		•••••	<u> </u>	*	40, 599	32, 4
81	521300	Helaka	MELAKA TGH	1950	6.90	8. 14	3.		46	10		· · · · · · · · · · · · · · · · · · ·	. *		200, 542	160, 4
82.	521710	Helaka	MELAKA TGH	1360	10.72	6. 53	: 3.		10	1	I	‡			319, 350	255, 48
83	521980	Melaka	MELAKA TGH	1960	14.26	6.70			15	7				<u></u>	259, 368	207, 49
84	522760 523300	Melaka	MPM	1930	7.47	14.60	2, 6 4.		5	4		•••••	*	ļ <u>.</u>	40, 285	32, 2
85 86	523620	Melaka Melaka	MELAKA TGH MELAKA TGH	1950	9.33 15.16	8.80 6.80	0. 7 = 3.	3	12 32	6 :			<b>}</b>	* .	6, 569	5, 2
87	524420	Melaka	MELAKA TOH	1950	3, 60	5. 35	4.		32	8			*	*	132,742 97,744	105, 19 78, 19
88		Melaka	ALOR GAJAH	1960	1.85	5. 90	2. 1 1.	9	19	3			X	*	7, 458	5, 9
89	529600	N. Seabilan		1950	3.05	4.69	4.	**********	34	21			*		104, 634	83, 70
90	532850	N. Sembilan	PD	1970	53.24	6.32	0.9 2.		14	4				*	327, 936	252, 3
91		N. Sembilan		1965	35.32	6.70	0.4 2.	8	34	18			į		266, 794	213, 4
92		Selangor	SEPANG	1960	32.54	5.56			42	65			*	ļļ	404, 573	323, 6
93 94	535660	Selangor	SEPANG K LANGAT	1960	61.34 2.30	6, 72	0.4 3.	0	42	65			<del> </del>	. *	620, 962	496, 7
95	538970 540780	Selangor Selangor	K. LANGAT K. LANGAT	1950 1960	2, 30 11, 94	8, 20 6, 65	1,5 1,	<del>.</del>	11 89	60		·	*		46, 586 0	37, 2
96		Selangor	K. LANGAT	1950	6. 29	6. 95	1.	7	89	60	·····				145, 920	116,7
97	541000	Selangor	K. LANGAT	1950	3.24	7. 48	3.		89	60	····			1	165, 551	132, 4
98	541210	Selangor	K. LANGAT	1950	4.73	7.94	3,		67	21			*		88, 554	70.8
99	546560	Selangor	X. SELANGOR	1989	30.94	7. 29	0.7 2.		9	38			*		36, 715	29, 3
00	546980	Selangor	K. SELANGOR	1969	30.94	6.76	1.8 4.		86	38			. *		1, 146, 765	917, 4
01	549550	Selangor	K. SELANGOR	1965	63.56	6. 72	0.6 2.		86	38	<del>-</del>		<u> </u>	*	270, 611	216, 4
02 03	555290	Perak	H. PERAK H. PERAK	1960	4.92 7.33	5. 40 6. 74	1, 2 : 2, 1,		175 175	30			·····	*	59, 937	47, 9
04 04	556900 563880	Perak Perak	n. conn Nanjung	1958 1972	41.59	7. 10	2,		26	30 7				*	75, 828 205, 278	60, 6 164, 2
05	567840	Perak	KINTA	1960	12.12	6.14	2,		106	4		#	·····	*	415, 115	332,0
06	569630	Perak	KINTA	1950	2.83	13.00	2. 5 . 2.		13	9			*		67, 855	54, 2
07	700660		KOTA SETAR	1964	18.40	10.54	2.	9	12	8		*		4	220, 965	176, 7
08		Kedah	KOTA SETAR	1970	15.36	7. 30	1.9.1.	3	12	8	<u>_</u> _			<u> </u>	322, 597	253, 0
09	701810	Kedah	KBG. PASU	1970	48.60	7. 95			43	11	<b>.</b>		<u> </u>		194,050	155, 2
10	702630	Kedah	KBG. PASU	1960	9.54	7.40	1.8 1.		32	11	<del>.</del>			*	119, 873	95, 8
11	703330	Perlis	PERLIS	1963	24.80	7, 30 6, 20		*********	8	3 5			····		57, 705 0	45, 1
12 13	706230 800350	Perlis Pahang	PERLIS BENTONG	1950 1950	6.63 3.47	5. 5			78	32		•••••			51, 903	49, 5
14	803050	Pahang	RAUB	1950	18.08	5.1	3.		39	22			*		224, 460	179, 5
15	803900	Pahang	RAUB	1952	10.94	5.6	2.		39	22			*		255, 813	205, 4
16	810120	Pahang	K. LIPIS	1950	6.90	6.0	2.	9 :	76	39	1		. *		84, 321	67, 4
17	813470	Pahang	K. LIPIS	1960	11.67	6. 2	0.3 2.		500	240			İ	*	178, 354	142, 6
18	818060	Pahang	K. LIPIS	1980	30.49	7.3		*	500	240			ļ		. 0	
19	822340	Kelantan	GUA MUSANG	1982	90, 91	7.3	1.9 1.		170	130			ļ <u>.</u>		377, 704	302, 1
20	834850		KUALA KRAI	1960	13.71	6.5 8.2			32 32	12 12			*		561, 414 83, 676	449, 1 66, 9
21 22	834950 836900	Kelantan Kelantan	KUALA KRAI MACHANG	1960 1960	3, 34 12, 02	6.7	2		43	16			†X	*	80, 385	64, 3
23		Kelantan	MACHANG	1941	9.72	6.7	2.		13	5	····· <del>i</del>	*	<b>†</b>	1	400, 957	320, 7
24		N. Sembilan		1960	5.74	6.7	4.	0 :	10	2			*		74, 320	59, 4
		N. Sembilan	2. 211.11	1950	3. 24	6.7	3.	6	39	19					150, 380	120, 3
	901700	N. Sembilan	K. PILAH	1950	3.63	6.7	0.6 2.	3	39	19			*	·····	64,979	51, 9
27		N. Sembilan		1950	18.14	6.8	0.5 4,		59	20			*		305, 950	244, 7
28		N. Sembilan		1950	3.11	6.7	0.5 2		34 26	16 12		•••	*		61, 547 139, 374	49, 2
29		N. Sembilan		1950	3.11 3.11	6.9 6.8	0.5 : 4. 0.5 : 3.		26	12			*		103, 873	111,4 83,0
30 31		N. Sembilan N. Sembilan		1950 1950	3, 10 3, 10	6, 8 6, 9	0.5 4.		26	12			*	İ	77, 576	62,0
32		N. Sembilan		1950	7.77	5.9	2.		37	18			*	i	88, 980	71, 1
33		N. Sembilan		1950	9, 54	6. 2	2.	6 .	27				*		102,736	82, 1
34		N. Sembilan		1930	6.36	6.2	3.	4	16	10					81, 747	65, 3
		N. Sembilan		1935	36.70	6.1	3,		120	60			*	ļ	332, 326	265, 8
	911990		BENTONG	1951	32, 96	5.1			153	71			<u>.</u> ŧ	<u> </u>	279,656	223, 7
	1105770	N. Sembilan		1970	18.32	5.6	0.4 3		210	90		*	}	*	81,892 104,133	65, 5
	1800060		MANJUNG	1960	3.68	6.50	2.		13 38	9 30	·····	* *	1	*	235, 680	83, 3 188, 5
	1800670		MANJUNG SEGAMAT	1950 1950	4.78 12.28	6.75 5.55	2	4	41	29					116, 668	93, 3
	2305040 2305970	Johor Johor	SEGAMAT	1950	7.60	6.75	2.		25	11			*		119,076	95, 2
		Johor	BATU PARAT	1919	4.77	5. 75	4.0 2		39	20			*	1.	128, 231	102. 5
	5001890	Johor	BATU PAHAT	1950	5.05	6.08	3, 7 : 1.		39	20			*		118, 131	94, 5
	5002590		BATU PAHAT	1940	4. 75	5. 90	3.	4	39				<u>.</u>	ļ	106, 450	85, 1
		N. Sembilan	SEREMBAN	1950	9.41	6.3	2. 5 3.		65 60	29 29			#	· •	0 86, 297	69,0

Appendix-82 Summary of Bridge Rehabilitation Data for Cost Benefit Analysis (3)

	Key	State	District	Year Built	Bridge Length (m)	CARRIAG WAY (m)	SIDE WALK (m)	S. F.	Dotour Da (Km)	Route Db (Km)	Reco		Pilita Reinfl		Project Cost (MS)	Economic Cost (M\$)
	5101460	N. Sembilan		1950	3, 26	12. 6	1.7	2.6	60	29	ļ				81, 169	64, 9
		N. Seabllan		1950	4.74	7.6		4.0	12	5			1		90, 211	72, 1
		N. Sembilan		1960	4.81 3.21	5.8		2.6	12 12		ļ	·	1		70, 758 64, 804	56, 61 51, 8
	5102380 5102670	N. Sembilan N. Sembilan		1960 1960	3. 21	5. 7 7. 3		2.9	12	5	ļ	*	1 1		135, 870	109, 4
	5103030	N. Sembilan		1950	3.79	6.8	0.4	2.5	12	5	·		1		71, 424	57, 1
53	*************	N. Sembilan		1958	16.08	6.7	0.4	1.3	24	6			<b>+</b>		158, 528	125, 8
54	5200280	N. Sembilan	SEREMBAN	1932	4.66	9. 78		1.7.	29	14	ļ		1		130, 820	104,6
55	5202450		D. LANGAT	1955	12. 11	6, 92		3, 4	12	. 8	.i	.ļ	<u> </u>		55, 625	44, 5
			U. LANGAT	1950	3, 20	8, 40	l.l.	1.1.4	15	8	.ļ	·	ļ	*	4, 717 298, 820	3, 7
	5204870	Selangor N. Sembilan	U. LANGAT	1964	54, 50 9, 35	7. 38 8. 90	0.8	1.9 3.6	33 23	15 6	<del> </del> -	·•		*	192, 516	239, 0 154, 0
58 59	5300470 5300960		PD	1950 1950	6. 27	8.55		3.4	23	6	1	·	•		101,034	80, 8
		N. Sembilan		1950	4.84	8.45		4.0	23	6	İ	1	†		0	
5 I	5302050	N. Sembilan		1950	8.45	6.78	0.6	2.1	23	6		1			116, 122	92, 8
	5302160	N. Sembilan		1950	6.31	6, 90		2.4	23	7	I	<u></u>			98, 095	78, 4
	5302340	N. Seabilan		1940	6.70	8, 10	0.6		23	7	ļ	. <u>i</u>			154, 464	123, 5
	5403460		PETALING	1950	6.56	9.70		2.1	25	23	Į	4	ļ	*	72, 586	58,0
	5403570		PETALING	1960	3.05	6, 90 6, 90	4.0	4. 0 3. 6	25 34	23	į	·	*		307, 168 80, 470	245, 7 64, 3
	5801510 5801520		HLR PERAK HLR PERAK	1950 1950	5. 60 3. 67	6, 80 6, 90	***	2. 1	14	11 28	<del>-</del>	· <del> </del> · · · · · · ·			116,049	92, 8
	5803340	Perak	BTG PADANG	1950	4. 97	6.70		2.9	43	17	†	1	*		109, 435	87, 5
			BTG PADANG	1950	4.88	6.70	0.6	3.3	999	999	1	1	*		51,981	41,5
	5901070	Perak	BTG PADANG		4.71	6. 70	0.4	3.3	999	999	1	1	]]	*	69, 453	55, 5
	5901480	Perak	BTG PADANG	1950	3.90	7. 20	0, 56	3.7	999	999		<u> </u>	1	•	144,865	115,8
72	5901580	Perak	BTG PADANG	1950	7.63	6.75	0. 5	2.4	999	939	ļ	<u> </u>	ļļ		43, 494	34, 7
	5901690		BTG PADANG	1950	9. 53	6, 74	0, 5	3. 3	999	999	ļ	.ļ	ļ <b>.</b> *ļ		123, 725	98, 9
	5902030		BTG PADANG	1950	3.56	6. 60	0.6	2.6	999	999	ļ	. <del>]</del>	<del> </del>		39,010	31, 2
		Perak	BTG PADANG	1950	8.21	6.65	0.5	2, 9	999	999	.j	- <del> </del>	<del> </del>	*	54, 482	43,5
6.	5902690	Perak	BTG PADANG BTG PADANG		6. 80 8. 77	7. 20 6. 75	0. 5 0. 6	2.1	999	999	<del> </del> -		····	*	42, 486 111, 145	33, 9 88, 9
	5902320 5903120	Perak Perak	BTG PADANG	1950 1950	23.18	6.70	0.5	3. 2	999	999			*		423, 163	338, 5
	5905010	Pahang	LIPIS	1961	122.36	6.60	0. 9	1.8	999	999	1	· †	1	*	285, 711	230, 9
	5905290	Pahang	LIPIS	1930	6.05	6.90		2.1	999	999					92, 450	73, 9
	5906010	Pahang	LIPIS	1930	6.35	6. 95		1.0	999	999	1				88, 128	70, 5
	6000970	Perak	MANJUNG	1930	3.14	4.60	0.4	4.0	48	19			ļ		221, 957	177, 5
	8001330	Perak	MANJUNG	1950	5.02	6.40		2.9	48	19			<b>*</b>		44, 355	35.4
	6005070	Perak	L&M&SELAMA	1950	27. 14	6.70		3.2	16	21			<del></del>	*	50,343	40, 2
	5005220	Perak	LEMASELAMA	1960	7.01	6.70	0.3	1.9	16	21	<del>-</del>	. <del>-</del>	<del></del>	*	17,748 37,899	14, 1
	6005740	Perak	L&M&SELAMA L&M&SELAMA	1960	21.95 5.08	6. 90 5. 64		2.9	11 82	4 34	÷	·			124, 241	30,3 99,3
	6006050 6403300	Perak Pahang	JERANTUT	1950 1930	12.31	6. 30		2.6	201	57	†	<del>-</del>	*	*	123,720	98, 9
	6403900		JERANTUT	1930	11.91	6. 15		3.1	201	57	1		*		112,605	90,0
	6404270	Pahang	JERANTUT	1930	10.91	5. 60		3.7	65	20	1				106, 910	85, 5
	6404940		JERANTUT	1930	6.21	5. 70		2.6	65	20			*		173, 487	138,7
•	6405650		JERANTUT	1930	6.31	6, 65		2.8	65	20					80,642	64,5
	6406260	Pahang	JERANTUT	1930	4.80	5.60		4.0	61	20	<u></u>	4	<u>i. *</u> ļ		181,897	145, 5
	6701200	Kedah	X. MUDA/SIK	1930	6.05	6.80		1.3	33	16	. <del>.</del>		ļļ	*	3, 837	3, 0
	6701230		K MUDA/SIK		12.26	6.80		2.4	33	16	<del></del>	. <del> </del>	<del>}</del>	*	57, 350	45,8
	6701630		K. MUDA/SIK	1968	91.52	7. 30	0.9	2.4	63	98	ļ		<del>  </del>	* *	282,090 75,682	225, 6
	5702060	Kedah	BALING HLR PERAK	1950 1950	7. 16 5. 88	6. 90 7. 02		1.0 2.8	60 35	28 15			*		155, 200	60, 5 124, 1
	7000230 7001790		HLR PERAK	1970	44.36	7. 34	1.1	1.7	36	8	1		<u>†</u>	#	210, 428	168, 3
	7002480		BTG PADANG		3.88	5. 60	A.T.A.	4.0	37	24	1	1			129,980	103, 9
	7602330	Регак	K. KANGSAR		6, 35	5. 70		2.6	119	56	1	1	<b>*</b>		78,871	63, 0
	7602480		X. KANGSAR		5.34	5.80	1,1	4.0	18	8	1	1	* 1		113,687	90, 9
	7604020		HULU PERAK	1950	6.35	5.60		3.4	103	56	1		* 1		208, 785	167,0
4	7604160	Perak	KULU PERAK		3, 23	5.60		2.6	103	56	<u>.</u>	4	*		100,054	80,0
	7604750		HULU PERAK		9.34	7.00		3.7	103	56		<u>i</u>	*		111,822	89, 4
	7606390		HULU PERAK		3.07	5. 70	-, <b>.</b>	3. 7		90		. <b></b>	*		63, 153	50, 5
	8601000	N. Sembilan		1950	9, 62	6. 95		3.4	36	4			*		146,940	117, 5
		N. Sembilan		1950	4.64	5.00	•	2.6	36 . 36	4	· <del> </del> ·····	·†	*	.,	79, 741 0	63, 7
		N. Sembilan		1950	3, 68 3, 75	5, 06 6, 92		2.3	37	4 5	†		*		74,412	59, 5
		N. Sembilan N. Sembilan		1950 1950	3.70	6.34		1.7	85	18	†	······	*		66,835	53, 4
		N. Sembilan		1950	3.00	8 20	4.9	2.9	85	18	1	·j·····	*		266,898	213, 5
		N. Sembilan		1960	3.08	6.29			5	ĺ	1	1			0	MANLY
		N. Sembilan		1950	9.72	4 40		5.0	63	55	*	1			497, 272	397, 8
		N. Sembilan		1930	9.62	4.81		2.9	63			1			103, 223	82, 5
		N. Sembilan		1950	9. 51	6.21		4.0	18	9			. *		223, 383	178, 7

# APPENDIX – S3

# ECONOMIC INDICATORS OF INDIVIDUAL BRIDGE

# Appendix-83 Economic Indicators of Individual Bridge (1)

No.	Key	State	Year DistrictBuilt	Bridge Length (m)	CARRIAGE WAY S. F. (m)		Db Age		ehabilitati : WD RE PR	Reonomic Cost (MS)	GROWTH 16-Hrs RATE TRAFFIC (%)		BCR	IRR (1994)	! ŘR (1999)
	102590 145100		U. BAHRU 1955 JULU S'GO 1935	3. 60 1. 85	15. 90 3. 3 6. 20 1. 9			0 .	*	5, 146 2, 172			405, 8 203, 0	2571. 05 2408. 45	
	108990		KLUANG 1937	2. 18	7, 40 2, 1			lo	*	5, 083	4.4 10,693		111, 2	1221.65	
	6701200		K. MUDA/S 1930	6. 05	6.80 1.3			0	*	3, 070	4.4 6,483 8.7 13,977		72.8	1032.41	
	519550 5906010	Molaka Pahang		4. 95 6. 35	6.70 2.5 6.95 1.0			0	*	3, 939 70, 502			68. 9 80. 0	798. 29 675. 88	
137	1105770	N. Semb	IJEMPUL 1970	18, 32	5.56 3.0	210	·	0		65, 514	31.6 4,599		162. 3	633.50	%
	3903290		LIPIS 1930 ok. LANGA 1950	6.05 4.73	6.90 2.1 7.94 3.7	999		10 i 10 i	* * *	73, 960 70, 843	19.4 5,031 9.5 13,804	5, 721, 855	74. 1 55. 9	627. 21 523. 66	
			BTG PADA 1963	36. 24	8. 10 2. 6		** *** *** ** **	30	•	65, 398	2.6 10,648	5, 992, 383	83. 1	505.77	
169	5901000	Perak	BTG PADA 1950	4, 88	6. 70 3. 3			0		41, 585			98. 1	485. 95	
	148800 316745	Perak Johor	MERSING 1962	2. 40 5. 67	7.50 2.3 5.35 4.0			0 10	*	2, 900 116, 302	2.6 8,617 7.6 5,746		70. 4 45. 3	453, 32 437, 04	
	151360	Perak	BTG PADA 1960	63.56	6.76 1.4	140	60 3	30	* 1	121, 418	2.6 10,648	8, 233, 074	61.8	380, 98	%
	5901580		BTG PADA 1950	7. 63	6, 75 2. 4		*****	30 i 30 i	*	34, 795 33, 989			81. 2 77. 8	363.77 350.60	
	5902690 555290	Perak Perak	BTG PADA 1950 H. PERAK 1960	6. 80 4. 92	7, 20 2, 1 5, 40 2, 1			30	*		6.7 8.014		61.9	323, 60	***********
10	125250	N. Semb	ITAMPIN 1940	6, 70	6, 54 2. 6	39	14 3	30	*	5, 277	2, 2 5, 056	247, 121	43.0	315.66	
	5901690		BTG PADA 1950 BTG PADA 1950	9, 53 8, 21	6.74 3.3 6.65 2.9		,	10 i 10 i	* *	98, 980 43, 586		*******************	60. 5 67. 6	310, 49 310, 16	
	\$902230 556900	Perak	H. PERAK 1958	7. 33	6.74 1.6			30		60,662			54.7	297.62	
179	5905010	Pahang	LIPIS 1961	122. 36	6, 60 1.8			10	*	230, 969			60.2	295. 57	
	3902030 112630		BTG PADA 1950 BATU PAH 1960	3, 56 6, 27	6, 60 2, 6 6, 11 1, 9			30 : 30 :	*	31, 208 36, 102	19.4 5,031 7.1 7.758	2,001,495 1,726,129	58.5 43.9	272, 27 243, 16	
96	540910	Selang	oX. LANGA 1950	6. 29	6, 95 1. 7	89	60 3	30	*	116, 736	10.9 17,632	4, 558, 200	37. 9	219.87	<b>%</b>
	523300		MELAKA T 1950	9. 33	8.80 2.3 7.72 3.6			30 i 15 i	*	5, 255 62, 886		*	22, 8 12, 4	217. 42 197. 01	
	303430 5901070		K. TINGG 1940 BTG PADA 1950	4. 90	6, 70 3.3			10	*				J8. 6	194. 30	
	5203510	Selang	oU. LANGAT 1950	3, 20	8.40 1.4	15	8 3	30	<b>           </b>	3, 174	5.4 7,501	99, 888	24.7	181.63	X
	5902920		BTG PADA 1950 JASIN 1950	8, 77 4, 27	6.75 2.9 6.72 4.0			30. i 10 :	*	88, 916 32, 479	19.4 5,031 7.1 13,051	3, 314, 761 517, 062	34. 4 15. 3	178, 23 170, 59	••••
	520850 3901480		BTG PADA 1950	3.90	7. 20 3. 7			10	•	115, 892			17. 2	170.47	***
178	5903120	Perak	BTG PADA 1950	23. 18	6, 70 3. 2			30	*	338, 530			29. 4	164.70	
	146800 108100		OÙLE S'GO 1965 KLUANG : 1954	25. 91 27. 40	7. 35 2. 6 6. 91 3. 0			30 : 30 :	*	78, 332 103, 628	2.8 9,537 4.4 10,693		23. 2 21. 5	153.86 147.07	
	5002590		BATU PAH 1940	4. 75	5.90 3.4		.,	10	1 1 1 1	85, 160	6.7 10,064		13.2	138.94	
33	303220	Johor	X. TINGG 1940	4.84	6,53 2.8			10	*	67, 139	5.1 9,022		11.8	138. 19	
97	541000		oX. LANGA 1950 oX.SELANG 1969	3. 24 30. 94	7, 48 3, 4 7, 29 2, 6			30 20	*	132, 441 29, 372			21.1 12.8	134.50 126.35	
88			ALOR GAJ 1960	1.85	5, 90 1. 9	19	3 3	30	*	5, 966	4.9 7, 215	97, 587	15.7	114.56	<b>%</b>
			JERANTUT 1930	11.91	6. 15 3. 1			30 : 30 :	* .	90, 084		1, 383, 025	15.5 17.9	112.64 112.01	* * *
57 5	113760	Tereng Johor	gK. T. 1963 SEGAMAT 1955	17. 85 20. 34	7.33 2.8			30	* *	75, 811 191, 212	7.1 7,758		17.7	111.71	
117		Pahang	K. LIPIS 1960	11.67	6. 20 2. 9	500		20		142, 683			26.8	107.91	
109	701810 514370		XBG. PAS 1970 BATU PAH 1950	48, 60 6, 31	7. 95 2. 6 7. 16 3. 1			30. 30.		155, 240 56, 921			14.1	107. 58 106. 50	
	6403300		JERANTUT 1930	12.31	6.30 2.6			30	1	98, 976			14.4	105.80	
142	5001070	Johor	BATU PAH 1919	4. 77	5. 75 2. 8			10	*	102, 585	4.0 10,064		9.0	102. 15	
	6701690 810120		K.MUDA/S 1968 K. LIPIS 1950	91. 52 6. 90	7.30 2.4 6.00 2.9			30 : 20 :	*	225, 672 67, 457			12.8 16.0	101.65 100.42	
			iJELEBU 1935	36. 70	6. 10 : 3. 8			10	*	265, 861			8.7	96.00	
195	6701230	Kedah	X. MUDA/S 1940	12. 26	6.80 2.4			0	*	45, 880		326,008	7, 4	94. 91	
			MACHANG: 1960 K. KANGS 1950	12. 02 6. 35	6.69 2.9 5.70 2.6			30 20		64, 308 63, 097			12.3 13.5	93. 24 91. 51	
			aP. PUTEH 1955	9. 68	7, 62 3, 6			10		155, 602	7.3 11,038	1,206,997	8.4	91, 15	<u>%</u>
	6000970		MANJUNG 1930	3.14	4.60 4.0			15 #		177, 566			7.6	89.14	
	567840		X SELANG 1965 KINTA 1960	63. 56 12. 12	6. 72 2. 1 6. 14 2. 7			30 : 30 :	* *	216, 489 332, 092			9. 4 11. 2	86.22 87.70	
8	114920		SEGAMAT 1955	12.86	6. 28 2. 1	105	44 3	30	1 1 1 1 1	151, 761	2.2 7,758	1, 594, 090	10.4	86. 55	*
41	313520	Johor	MERSING: 1960	3. 60	7, 56 3.3			30		154, 034	7.6 5,746		12.7	86. 18	
	8602160 6001330		ISEREMBAN 1950 MANJUNG 1960	3. 70 5. 02	6.34 1.7 6.40 2.9			20 :	* * * * * * * * * * * * * * * * * * * *	53, 468 35, 484			13.0 12.1	84. 78 83. 22	
42	314180	Johor	MERSING 1964	11.00	7, 36 1, 5	367	153 3	30	#	310, 506	7.6 5,746	3, 456, 809	11.0	82.28	%
21	165220	Perak	LRT MATA 1945	5. 67	8.79 4.0			5		117, 053			5.4	80. 41 79. 30	
146	514300 514300	a. Seab	ISEREMBAN 1940 BATU PAH 1960	3. 31 22. 07	13.70 3.6 7.28 2.6			0	* *	69, 038 107, 874			6.0 9.2	78. 31	
66	505380	Johor	PONTIAN 1966	47. 52	6, 85 3.4	110	24 3	30	*	535, 402	9.4 6,583	5, 477, 319	10. 2	77. 21	<b>%</b>
187	5006050	Perak	LEMSSELA 1950	5.08	5.64 2.9			20	*	99, 393			11.2	76.65 76.29	
			MELAKA T 1950 HULU PER 1950	3.60 3.07	5.35 4.0 5.70 3.7	150		10 30	*	78, 195 50, 522			6.6 9.8	73. 98	
45	319110	Pahang	ROMPIN 1962	121.96	6.74 3.0	308	98 Z	0	*	394, 231	6.4 2,064	4, 953, 286	12. 3	72.79	*
44	317000	Pahang	ROMPIN 1974	397. 32	7. 30 2. 4	308		0 .	*	2,759,290			10.4	71.49 71.15	
			BENTONG 1951 BENTONG 1950	32. 96 3. 47	6. 10 3. 2 5. 54 2. 9	153 78		20 20	#	223, 725 49, 522			10. 1 9. 2	71. 02	
			JERANTUT 1930				20 4		*	85, 528			6.1	70.66	

Appendix-83 Economic Indicators of Individual Bridge (2)

No.	Key	State	Year DistrictBuilt		CARRIAGE WAY S.F. (m)	Da			lehabilitati RC WD RE PR	Cost (NS)	GROWTH 16-Hrs RATE TRAFFIC (%)	NPV	BCR	[RR (1994)	IRR (1999)
			BATU PAR 1950	5,05	6.08 1.7	• • • • • • • • • •	*************			94, 505	4.0 10,064	712, 478	8, 1	67.69	
	519360 5801510	Melaka Perak	HLR PERA 1950	42.70 5,60	6. 78 2. 4 6. 80 3. 6			0	*	301, 440 64, 376	8.7 13,977 1.0 5,347	2, 444, 356 415, 560	8. 3. 7. 1	67.48 65.89	
46		Pahang Tereng	ROMPIN 1950 gx. T. 1959	11, 34 53, 10	6.85 3.1 6.70 2.3	308	98 2	0	*	112, 914	6.4 2,064	1, 236, 411	10.8	64.98	¥i.
205	7604750		HULU PER 1950	9.34	7.00 3.7			0 10	*	62, 617 89, 458	4.3 4,193 8.0 1,974	507, 608 660, 005	8. 3 8. 0	63.84 63.64	
	5300960 363630	N. Semb Tereng	**********	6, 27 5, 84	8.55 3.4 7.29 2.8	23 50		0		80,827	2.2 9,914	505, 097	6.9	62.31	
27	228540	Pahang	MARAN 1955	5.26	7. 94 2. 9	26	3 2	0		51, 181 79, 658	11.9 4,465 1.2 6,080	506, 224 479, 280	9.9 6.7	59.10 57.12	
100	546980 5200280		oK.SELANG 1969 ISEREMBAN 1932	30. 94 4. 66	6.76 4.0 9.78 1.7	86 29		10 : 10 :	*	917, 412 104, 656	-1.9 7,986 3.8 7,331	3, 156, 590 392, 749	4.3	56,77 55,35	
110	702630	Kedah	KBG. PAS 1960	9.54	7.40 1.6	32	11 3	30	*	95, 898	4.8 10, 291	535, 734	8.0	55. 35	¥
	304390 520130	Johor Melaka	X. TINGG 1928 JASIN 1960	3, 35 6, 46	8. 93   2. 8 6. 70   2. 4	85 3		30 30	* * *	122, 265 10, 011	4.0 3,768 8.7 13,061	682, 210 49, 724	6. 3 5. 5	55.06 54.32	
7	116580	Johor	SEGAMAT 1947	4.88	7.56 2.3	41	28 3	30	*	42, 140	2. 2 7, 758	210, 841	5. 5	53.94	6
	834950 507230		aKUALA KR 1960 PONTIAN 1986	3, 34 35, 21	8.20 3.0 7.30 2.8			30 20	* *	66, 941 231, 969	3.8 7,016 -0.6 6,583	327, 506 1, 323, 626	5. 6 6. 1	50.90 50.59	
153	5103300	N. Semb	ik. Pilak 1958	16.08	6.74 1.3	24	6 3	30	*	126, 822	1.6 7,989	547, 131	5, 1	49.59	<b>%</b>
	366890 822340		aP. PUTEH : 1951 aGUA MUSA 1982	9. 58	6.32 2.6 7.30 1.0			30 20	* *	181, 560 302, 163	9.4 8,022	942,637	5. 9 6. 9	49.56 48.95	
147	5101460	N. Semb	ISEREMBAN 1950	3, 26	12.60 2.6	60	29 2	20	*	64, 935	-6.5 5,702	289, 831	5. 2	48.81	<b>%</b>
	166510 5204870		LRT MATA 1935 ob. Langati 1964	10.72 54.50	7.87 3.6 7.38 1.9	********		10 30	* * *	674, 739 239, 056	1.6 2,946 5.4 7,501	2,078,562 1,043,043	4.0	48, 74 48, 43	
29	230850	Pahang	XUANTAN 1967	6.40	6.78 2.8	65	28 2	20		56, 077	1.2 6,080	317, 185	5.1	48, 37	16
	5202450 305390		oU. LANGATI 1955 K. TINGC 1974	12.11 64.57	6.92 3.4 7.57 1.8			30 : 20 :	* *	44, 500 249, 994	4.7 7,501 1.1 2,878	192, 470 1, 286, 318	5. 1 5. 6	48.13 47.35	
60	357270	Tereng	gX. T. 1957	11.78	6. 71 2. 2	56	24 2	20	#	62, 326	4.3 4,465	357, 495	6. 1	46.92	¥
	228970 5302050	Pahang N. Semb	MARAN 1965 ISEREMBAN 1950	3. 03 8. 45	7.30 3.0 6.78 2.1	203		20	* *	110, 550 92, 898	1. 2 6, 080 2. 2 6, 816	600, 114 421, 194	5. 9 5. 3	46,62 45,94	
57	506670	Johor	PONTIAN 1971	36, 17	7. 32 . 1. 8	110	24 2	20		271, 486	-0.6 6,583	1, 304, 744	5. 3	45.75	<b>%</b>
186 127	901960		LEMASELA 1960 IX. PILAH 1950	21. 95 18. 14	6.90 3.3 6.80 4.0			20 i 10 i		30, 319 244, 760	5, 7 : 5, 138 4, 6 2, 505	139,008 i 699,866 i	5. <u>1</u> 3. 7	45.51 45.41	
192	6405650	Pahang	JERANTUT 1930	6. 31	5.65 <b>2</b> .8	65	20 3	30	1 1 1 1	64, 514	5.4 1, 251	259, 772	4.8	44.30	
	5302160 8601190		ISEREMBAN 1950 ISEREMBAN 1950	6, 31 4, 64	6.90 2.4 5.00 2.6			20 <u>:</u> 20 <u>:</u>	*	78, 476 63, 793	2. 2 6, 816 6. 8 3, 849	335, 215 308, 452	5. 0 5. 6	44.17 44.12	
210	8601830	N. Semb	ISEREMBAN 1950	3.75	6.92 2.3	3.7	5 2	20		59,530	7.4 3,849	287, 251	5.6	43.88	
	1703330 313150	Johor	PERLIS 1963 MERSING 1950	24. 80 4. 40	7.30 1.4 8.67 1.7			30 : 20 :	* *	46, 164 150, 074	3.3 8,728 0.8 5,746	148, 106 708, 530	3. 9 5. 6	43.69 43.62	
24	184900	Kedah	KOTA SET 1950	5, 20	8.40 4.0	39		40		81,450	0.1 5.057	180, 026	3. 1	41.74	
191		Kedah Johor	BALING 1950 K. TINGG 1969	7.16 51.96	6.90 1.0 7.33 1.4			20 I 20 I	*	60, 546 273, 665	4.4 5,541 1.1 2,878	268, 928 1, 068, 011	5. 0 4. 5	40.42 40.15	
*	5803340	Perak	BTG PAUA 1950	4,97	6. 70 2. 9			20	*	87,548		322, 500	4. 5 4. 7	39.16 38.98	
· · · · · · · · ·			EXEMAMAN 1963 ISEREMBAN 1950	152.20 9.62	6.73 3.4 6.95 3.4			20 20	1	898, 458 117, 552		3, 539, 354 451, 727	4. 6	38.72	
83	521980		MELAKA T 1960	14. 26	6. 70 3. 1		*************	30 20	* *	207, 494 80, 043		680, 972 294, 540	4.1	38. 49 37. 97	
132	7604160 904330		NULU PER 1950 ix. Pilah 1950	3. 23 7. 77	5.60 2.6 5.90 2.9			20	1 1	71, 184	4.6 3,803	251, 040	4. 3	37.83	
91		N. Semb		35.32	8.70 2.8			30 30	*	213, 435 54, 284		606, 126 162, 082	3. 5 3. 8	37.78 37.56	
106 89	** **********	Perak N. Semb		3.05	13.00 2.6 4.69 4.0			40	*	83, 707		153, 223	2. 7	36.86	
	8603990			9.62	4.81 2.9 7.30 2.7			30 ±	# #	82, 578 459, 754		238, 946 1, 380, 157	3, 7	35.60 35.26	
167	5801620	Perak	PONTIAN: 1968 HLR PERA 1950	3.67	*****	. 44	26 2	20	1 1 * 1 1	92,839	1.0 5,347	261, 652	3.7	35.16	X.
114	803050	Pahang	RAUB 1950	18.08	5. 10 3. 8			30 20	*	179, 568 68, 202		468, 151 210, 153	3, 5 3, 8	34.93 33.36	
163	357200 5302340	N. Semb	iseremban 1940	5. 94 6. 70	6.70 3.3 8.10 2.8			30		123, 571	2. 2 6, 816	273, 017	3.1	32.48	L.
198	7000230	Perak	HLR PERA 1950	5.88	7. 02 2. 8			20	*	124, 160		287, 906 10, 359, 800	3, 2 3, 2	32.41 31.35	
55 126		N. Semb	gDUNGUN 1973 ik. pilah 1950	·	6.72 2.1 6.74 2.3		19 2	30 20	*	4, 454, 573 51, 983	4.6 2,595	128, 674	3.3	31.00	K
48	326020	Pahang	PEKAN 1965	5,73	6. 16 3. 5	140	70 3	30	*	78, 183 32, 228	1.8 1,751	148, 258 37, 100	2. 7 2. 1	30.84 29.98	
84 71	522760 512960	Metaka Johor	MPM 1930 BATU PAH 1965	7. 47 30. 22	14.60 4.0 7.32 2.6			45 30	*	673, 020	5.8 8,836	1, 302, 978	2. 7	29.91	%
154	5403460	Selang	OPETALING 1950	6.56	9. 70 2. 1	25	23 3	30	*	58,069	11.3 8,200	112, 499 200, 302	2. 7 3. 1	29.67 29.58	
	516890 521300	Johor Melaka	MUAR 1966 Melaka T 1950	17.82 6.90	6. 21 2. 8 8. 14 3. 6			20 30	* * *	86, 575 160, 434	7.1 3,391	325, 940	2.9	29.51	6/- 70
293	7604020	Perak	RULU PER 1950	6. 35	5. 60 3. 4	103	56 2	20	* *	167,028	5.5 2,333	383, 989 173, 426	3. 2 2. 2	29. 42 29. 38	
193	£406260 323070	Pahang Pahang	JERANTUT 1930 PEKAN 1965	4.80 31.26	5.60 4.0 7.30 2.3	140		45 20	* * *	145, 518 145, 595		173, 426 306, 747	2. 9	29. 17	
128	902270	N. Semb	ik. Pilai 1950	3.11	6. 74 2. 9	34	16: 2	20	*	49, 238	4.6 2,546	100, 481	2. 9	28.06 27.89	
	2305040 803900		SEGAMAT 1950 RAUB 1952	12. 28	5, 55 2, 4 5, 64 2, 8			20 20	*	93, 334 205, 450	3. 7 5, 526	171, 906 400, 586	2. 7 2. 8	27.60	
94	538970	Selang	oK. LANGA 1950	2, 30	8. 20 1. 9	11	4 2	20		37, 269	9.5 4,607	77, 088 155, 502	3, 0	27. 42 27. 12	
133	906190 521710	N. Semb Melaka	IJEMPUL 1950 MELAKA T 1960	9. 54 10. 72	6, 19 2, 6 6, 53 3, 1			20 30	* *	82,184 255,480		435, 933	2. 8 2. 7	27.05	<b>%</b>
			IJELEBU 1950		8. 20 2. 9			20	*	213, 518		427, 301	2. 9	27.01	8

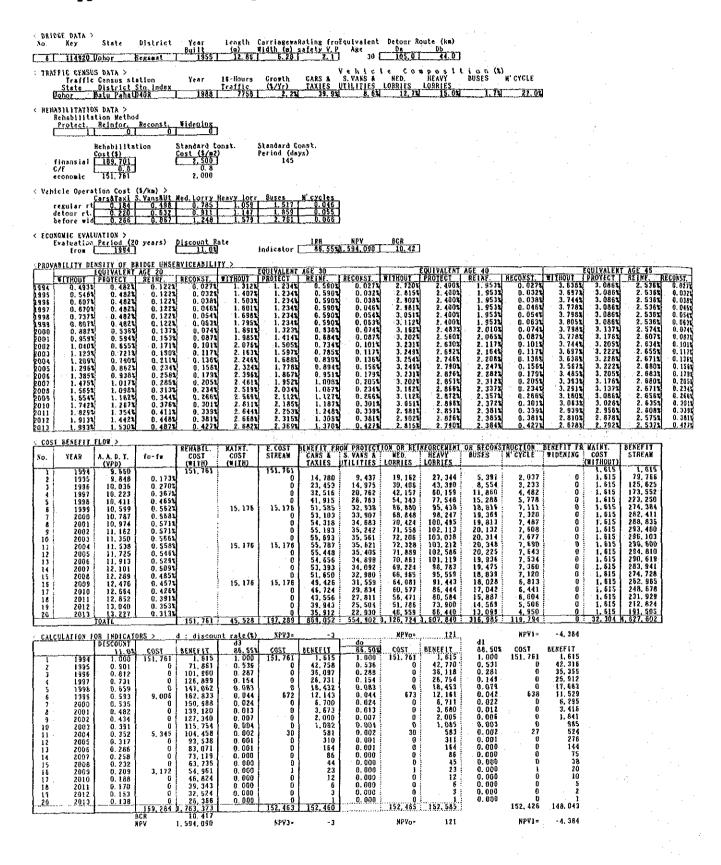
# Appendix-83 Economic Indicators of Individual Bridge (3)

No.	Key	State	Year DistrictBuilt	Bridge Length (m)	CARRIAGE WAY S.F. (m)		Db Age		abili WD RE		Economic Cost (MS)		I 16-Urs TRAFFIC	NPV	BCR	IRR (1994)	IRR (1999)
	1602480		K. XANGS 1950	5, 34	5, 80 4, 0		8 41		•		90, 950	5.5	3, 259	108, 170	2.1	26.59	
131 23	902440 184400	N. Semb Kedah	IK. PILAH 1950 KOTA SET 1950	3, 10 12, 20	6, 90 4, ( 13, 86 3, 7		12 4				62,061 151,993	4.6	2, 546 5, 057	68, 932 195, 545	2. 1 2. 2	25. 84 25. 17	
25	184980	Kedah	KOTA SET 1950	4, 64	7.00 1.6		19 2	****			30, 809	0.1	5,057	46, 774	2. 4	25, 36	
35	303890	Johor	K. TINGG 1940	9.16	6. 37 2. 1		6 3				136, 307	<u>. 5.1</u>	3,768	178, 489	2.3	24.86	
90	5102060 532850		ik. Pilan 1950 ipd : 1970	4.74 53.24	7. 55 4. 0 6. 32 2. 6		5 41 4 3		1.1	*	72, 169 262, 349	1.6 3.8	5, 702 6, 920	69, 145 320, 541	1.9 2.1	24. 78 24. 71	
11		K. Semb		9, 58	7, 45 2.5	. 8	7 4	)		*	36, 928	2. 2	8,477	30, 506	1, 7	24.49	1-1-1-1
17	155590	Регак		3, 62	7. 52 11.9		12 3				400, 876	0.8	10, 524	495, 746	2. 2	24.46	
26	005220 186210	Porak Kedah	LAWASELA 1960 KOTA SET 1940	7. 01 3. 23	6, 70 1. 5 7, 15 2, 6		21 20		•		14, 198 51, 806	3.0	5, 138	18, 533 57, 177	2. 2 2. 2	24.30 24.29	
	7001790	Perak	HLR PERA 1970	44.36	7. 34 1. 7	36	8 2	)			168, 342	-3.3	3,851	217, 283	2. 2	24. 11	×
78		Melaka		4. 88 6. 21	6. 70   2. 1 5. 70   2. 6		3 31 20 31		*.	*	101, 346 138, 790	9.7	13, 977	125, 224 177, 131	2. 2	23. 83 23. 76	
	361490	Tereng	JERANTUT 1930 BESUT 1960	18.03	6. 67 2. 0		55 20		· · · · · ·		129, 200		4, 465	194, 395	2, 2 2, 3	23.44	
36	304060	Johor	K. TINGG 1963	92, 25	6, 99 1. (		6 21			*	197, 339		3, 768	223, 708	2, 0	22. 63	
4	5102280 530047 <b>0</b>	N. Senb N. Senb	IX. PILAH 1960 IPD 1950	4.81 9.35	5. 84 2. 6 8. 90 3. 6		5 20 6 30			- <del> </del>	56,606 154,013	1.6	5, 702 4, 213	64, 235 151, 902	2. 1 1. 9	22. 12 21. 87	
32	237200		KUANTAN 1960	26.70	7. 32 3. 4		13 3		1.	1*	300, 579	7.4	12, 593	277, 805	1.8	21. 21	
120	834850	Kelant	aKUALA KR 1960	13.71	6, 53 2. 9		12 30				449, 131	3.8	7,016	423, 265	1. 9	21.02	
141	161140 2305970	Perak Johor	KINTA 1950 SEGAMAT 1950	19.11 7.60	7. 33 3. 5 6. 75 2. 6		14 40		* *		541, 051 95, 261	-0.3 1.6	8, 937 4, 088	347, 668 93, 972	1.6 1.9	20.89 20.87	
20	161290	Perak		16.18	9. 35   2. 7		12 30		* *	1	344, 368	-0.3	8, 937	278, 878	1.8	20.66	
124	901360		ik. PILAIÉ 1960	5, 74	6.68 4.0		2 40			. <b>.</b>	59, 456	4.6	2,505	39, 525	1.6	20, 39 20, 04	
52 139	338580 1800670		gKENAMAN : 1965 MANJUNG : 1950	219. 13 4. 78	6. 72 3. 5 6. 75 2. 9		47 30 30 30	******	*		9, 426, 816 188, 544	9.8	4, 206 15, 800	8,082,214 150,479	1.8 1.8	19.95	
63			aP. PUTEH : 1952	32.46	5. 94 4. 0	13	4 40	)		Ţ	766, 037	9.4	8,022	503, 505	1.6	19.80	笺
			IK. PILAH 1950	3, 79	6, 76 2.6		5 21		*	***	57, 139 51, 843	1.6	5, 702	48, 051 42, 936	1, 8 1, 8	19. 56 19. 41	
150 51			IK. PILAH 1960 KUANTAN 1957	3, 21 6, 58	5.70 2.9 6.70 2.7		5 20 36 20			<b>‡</b>	68, 088	1.8	2, 626	55, 612	1.7	19, 11	
123	838100		aMACHANG 1941	9. 72	6. 70 2. 6	13	5 4	)	t *	••••	320, 756	5. 9	8,521	180, 448	1.5	18.81	<b>%</b>
*******	7002480 326950	Perak Pahang	PEKAN 1965	3.88 23.52	5.60 4.6 6.15 3.4		24 40 70 20			•	103, 984 220, 506	1.8	3,851 1,751	50, 891 144, 019	1. 5 1. 5	18.72 17.69	
138	800060		MANJUNG 1960	3.68	6.50 2.3		9 3		* 1	ŧ	83, 306	6.0	15, 800	45, 878	1.5	17.50	
92	534570		oSEPANG 1960	32.54	5. 56 2. 6		65 20				323, 558	4.3	4,607	178, 892	1.5	16. 58	
215 8	523620 8604640		MELAKA 1 1960 ijelebu 1950	15.16 9.51	6.80 3.0 6.21 4.0		8 20 9 40		* *	*	106, 194 178, 706	4.8 8.1	3, 494 3, 376	57,077 67,933	1.5 1.4	16. 52 16. 34	
107	700650		KOTA SET 1964	18.40	10.54 2.9		8 30		*		176, 772	4,8	10, 291	71, 202	1.4	16.10	X
104			MANJUNG 1972	41.59	7.10 2.3		7 20		<b> </b>	*	164, 222	1.2	3,755	71,056	1.4	15. 99 15. 76	
31 108	232880 700750	Yahang Kedah	KUANTAN : 1963 KOTA SET 1970	11.08 15.36	6.62 3.5 7.30 1.3		19 30 8 30		*	<u> </u>	206, 546 258, 078	4.9	6,080 10,291	79, 950 84, 083	1.3 1.3	14.84	
130	902430		IK. PILAH 1950	3. 10	6.80 3.6		12 30		*		83, 098	4.6	2, 546	21, 615	1.2	14.09	¥
125	901420		IK. PILAH 1950	3. 24	6, 70 : 3, 6		19 30				120, 304	4.6	2,505	31, 081	1.2	14.06 14.01	
134	907010 902360	N. Seab K. Se≖b	IJELEBU : 1930 IK. PILAK 1950	6.36 3.11	6. 18 3. 4 6. 85 4. 0		10 30		ŧ		65, 398 111, 499	4.6	3, 181 2, 545	16, 597 16, 865	1. 2 1. 1	13.29	
54	341800	•	gKEHAMAN 1955	36.14	6. 76 3.5	75	23 30	)	*	*	1,068,730	1.5	4, 206	173, 026	1, 2	13.18	% *
	005070	Perak		27.14	6.70 3.2		21 20				40, 274	3.0	1,555	3, 879 -4, 259	1.1	12.45	% % 12.72%
	510550 603735	Johor N. Semb	BATU PAIE 1960 iJELEBU 1950	31. 24 9. 72	7. 30 2. 6 4. 40 5. 0		19 30 55 40			1.1.	192, 802 397, 818	1.4 8.1	3, 376	-12, 338	1.0 1.0		% 14.33%
			ik. PILAH 1960	3. 21	7. 32   2. 9	12	5 20	)	* *	1	109, 495	1.6	5,702	-11,748	0.9	9.66	<b>%</b> 10.18%
			OPETALING 1960	3.05	6.90 4.0		23 40				245, 734		8, 200	-28, 385	0.9		% 13.15% e o qqx
			osepang 1950 Kuantan 1958	61.34 36.00					*	*	495, 770 350, 458		2,626	-111, 922 -169, 632	0. 5		% 9,99% % 5,75%
74	514860	Johor	MUAR 1955	45.03	6, 10 2, 6	41	16 (	)		]	0	-5.0	7,741	0	0.0	0.00	<b>%</b>
			SEGAMAT 1955	2.42	5. 80	85	28				0	0.1	5,667	0	0.0	0.00	
	301190 818060		IPD 1950 K. LIPIS 1980	4. 84 30. 49	8.45 4.0 7.31 1.0		240			<del>-</del>	0	2. 2 16. 3	6,816 3,030	0 0	0, 0 0, 0	0.00	
	354190			11.18	7, 68	29	8 (	)		]	0	19.8	8, 191	0	0.0	0.00	) <b>%</b>
213 8	602840	N. Semb	iJELEBU 1960	3.08	6. 29	5	1 (	)			0	7.4	3, 549	0	0.0 0.0	0.00 0.00	
			iSEREMBAN 1950 ok. LANGA 1960	3.68 11.94	5.06 6.65	36 89		)			0	6.8 9.5	3, 649 17, 632	0	0.0	0.00	
145	100840	N. Senb	i seremban 1950	9.41	6. 30 1. 1	65	29 (	) [		1	0	-6.5	5, 702	0	0.0	0.00	) <b>%</b>
9	121280	Johor	SEGAMAT 1950	2.83	6.90	83		)	ļļ	4	O.	<u> </u>	5,667	0	0, 0 0, 0	0.00	
30	159100 731790	Perak Pahang	KINTA 1948 KUANTAN 1960		10, 70 3, 1 10, 50 1, 0			)		·	0	1.2	17, 791 6, 080	0	0.0	0.00	
112	706230	Perlis	PERLIS 1950	6.63	6. 20 1. 6			)			. 0	5.9	8,728	0	0.0	0.00	

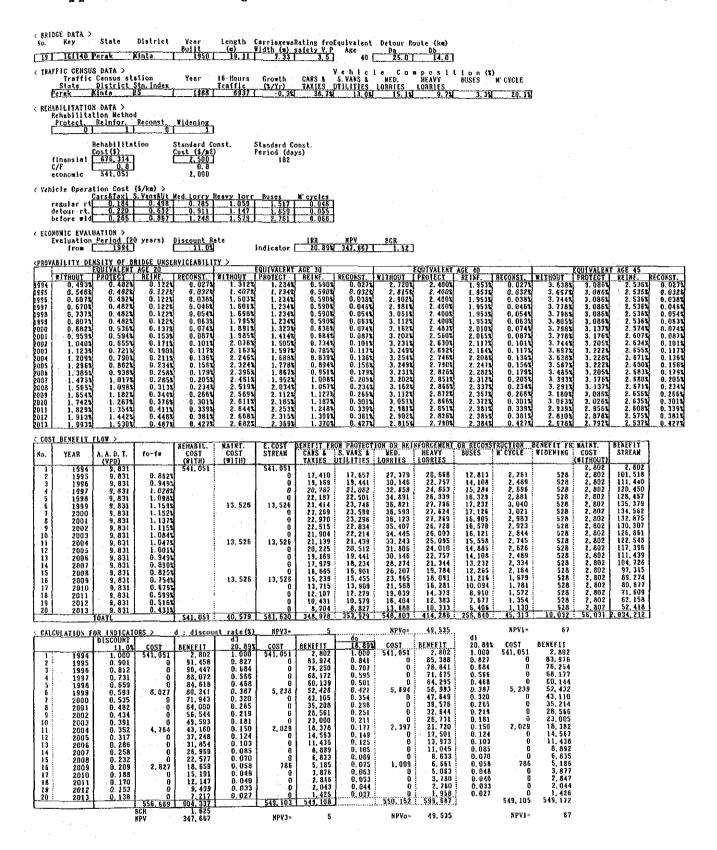
# APPENDIX - S4

# EXAMPLE OF CALCULATION FOR ECONOMIC INDICATORS

### Appendix-S4 Example of Calculation for Economic Indicators (1)

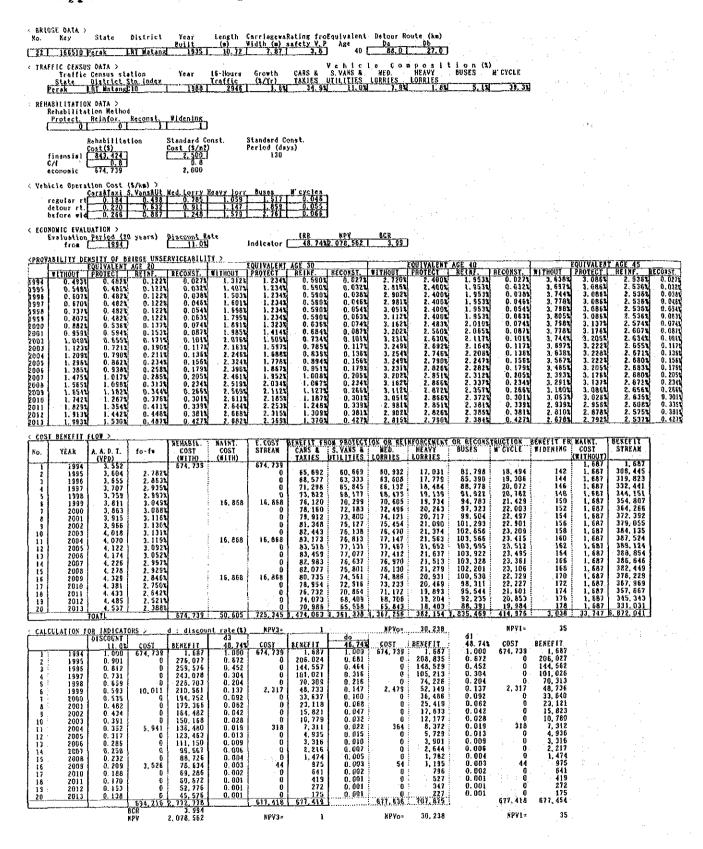


### Appendix-S4 Example of Calculation for Economic Indicators (2)



Append-S

# Appendix-84 Example of Calculation for Economic Indicators (3)



## Appendix-S4 Example of Calculation for Economic Indicators (4)

⟨BRIDGE DATA >     No. Key State	District	Year	length C	arrlagewa	Rating from	Faulvalant	Detour Rou	ita (bal	÷				
14 317000 Pahang	Rompin	8011t	(a) ¥ 397, 32	idth (m) 7.3	safely V. P.	A <u>x</u> e 20 [		0b 98.0					
( TBAFFIC CENSUS DATA Traffic Census State Distr Pahang Rompin	> station ct Stn.Index U13		16-Hours Traffic 2064	Growth (%/Yr) 7,6%	CARS & TAXIES	Y e h i c 1 S. VANS 8 Utilities 19, GM		ositi HEAVY LORRIES 7.0%		91. CYCLE			
REMABILITATION DATA Rehabilitation Me Protect, Reinfo	thod	Tidening							•				
Rohabi Cost (\$	Itation	Standard Cons Cost (\$/#2)		tandard C eriod (da									
finansist 3, 449, C/F economic 2, 759,	12 1.8 190	2,500 0.8 2,000	• •	1630	,,,								
vehicle Operation Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Cons	X.L. S. Vensällt   84	Red. Lorry II 0. 785 0. 911	1,059	Buses 1,517 1,859	6' cycles 0.045 0.055	·							
ECCNOMIC EVALUATION Evaluation Perio	)   (20 years)	Discount Rate	1, 579   e	2.761	0. 066 1RR	HPV	BCR		٠				
	194 ) De Bridge unse	RVICEABILITY		ndicator		27, 306, 677	10.36						
PROVABILITY DENSITY EQUIVA  #1THOUT PROTE	ENT AGE 20 T REINE 1823 D. 1223	RECONST. 1	1. 312%	QUIVALENT PROTECT 1. 234%	AGE 30 REINF 0. 590 x	RECONST. 0. 027%	¥17HGUT 2.7201	PROTECT 2. 400%	AGE 40 REINF. 1. 953%	RECONST. D. 027%	₩11HOUT   3.638%	QUIVALENT A PROTECT 3. 086%	GE 45 REINF. RECO 2.5361 0
1996 0.607% 0.	1823 U. 1223 1823 U. 1223 1823 U. 1223	0.032% 0.038%	1.407X 1.503X 1.601X	1. 234% 1. 234% 1. 234%	0, 590% 0, 590%	0. 032% 0. 038% 0. 046%	2. 815% 2. 902% 2. 981%	2. 1001	1. 953% 1. 953%	0.032% 0.038%	3. 6972 3. 7442 3. 7785	3.086% 3.086% 3.086%	2.536% 0 2.536% 0 2.536% 0
998 0.737X 0. 599 0.807X 0.	1823   0.1221 1823   0.1223	0.054%	1.698% 1.795%	1. 234% 1. 234%	0,590% 0,590%	0. 054% 0. 063%	3. 051% 3. 112%	2. 400% 2. 400%	1, 953% 1, 953%	0. 046% 0. 054% 0. 063%	3. 798%] 3. 805%]	3. 086% 3. 086%	2.536% 0 2.536% D
2000 0.882X 0. 2001 0.959X 0.	36% 0.1379 594% 0.1539 555% 0.1719	0.087%	1. 8913 1. 9853 2. 0763	1, 323% 1, 414% 1, 505%	0,684%	0, 074% 0, 087% 0, 101%	3. 162% 3. 202% 3. 231%	2. 580%	2. 010% 2. 065% 2. 117%	0.074% 0.087% 0.101%	3. 7981 3. 7781 3. 7441	3, 137% 3, 176% 3, 205%	2. 574% 0 2. 607% 0 2. 634% 0
2001 1.123% 0. 2004 1.209% 0.	7213 0.1903 7903 0.2113	0, 1173 0, 1353	2. 163% 2. 246%	1,597%	D. 785% C. 839%	0. 117% 0. 136%	3. 249% 3. 254%	2. 692% 2. 746%	2. 1645 2. 2085	0. 1173 0. 1363	3. 697% 3. 638%	3. 2223 3. 2281	2.655% g 2.671% 0
2005 1.296% 0. 2006 1.385% 0.	362% 0.234% 938% 0.258% 917% 0.285%	0.179%	2. 3241 2. 3961 2. 4611	1, 7763 1, 6673 1, 9523	0.951%	0.179%	3. 249% 3. 231% 3. 202%	2.826%	2. 282%	0. 156% 0. 179% 0. 205%	3. 5671 3. 4851 3. 3931		2.6801 0 2.6831 0 2.6801 0
\$008 1.565% 1.	1981 0. 2031 1981 0. 3131 1821 0. 3441	0.234%	2. 5191 2. 5693	2. 0341 2. 1121	1, 067%	0. 234% 0. 266%	3. 162% 3. 112%	2.8661 2.8721	2.3371 2.3571	0. 234% 0. 266%	3. 2913 3. 1805	3. 137% 3. 086%	2.671% 6 2.656% 8
2010 1.7423 1. 2011 1.8291 1.	67% 0.3761 354% 0.4111	0.301% 0.335%	2. 6113 2. 6443	2. 1853 2. 2533	1. 1871 1. 2481	0. 301% 0. 339%	3, 051% 2, 981% 2, 902%	2.851%	2. 3721 2. 3811 2. 3851	0.301% 0.339%	3. 063% 2. 939%	3. 025% 2. 956%	2.635% 0 2.608% 0 2.575% 0
2012 1.9133 1. 2013 1.9935 1.	1423 0.4481 5303 0.4871	0. 3813 0. 4273	2.558% 2.582%	2. 3152 2. 3593		0. 381% 0. 427%	2.8151	2. 790%	2.3841	0.381% 0.427%	2. 810% 2. 678%	2. 7923	2.5371 0
COST BENEFIT FLOW >	T	REHABIL.	WAINT.	E. COSY	BENEFIT FRO	M PROTECTIO	N OR REINFO	RCEMENT OR	RECONSTRUCT	N, CACLE	BENEFIT FR	MAINI.	BENEFIT
No. YEAR A.A.D		COST (#!TH)	COST (BITH)	E. COSY STREAM	TAXIES	UTILITIES	N OR REINFO Med. Lorries	LORRIES			WIDENING	COST (WITHOUT) 58,809	58, 009
No. YEAR A. A. O (VPD 1 1994 3. 2 1995 3. 3 1996 3.	106 178 0. 4261 151 0. 4851	COST (WITH) 2,759,290	COST (BITH)	STREAM 2,759,290 0 0	785, 227 340, 848	422, 735 505, 171	1.0RRIES 267, 179 319, 280	266, 416 318, 369	142, 254 170, 005	48, 549 58, 017	WIDENING 0 0	COST (WITHOUT) 58, 809 58, 809 58, 809	58,009 1, 190, 380 1, 769, 699
No. YEAR A: A: D (VPD) 1 1994 3. 2 1995 3. 3 1996 3. 4 1997 3. 5 1998 3.	006 178 0.4261 551 0.4851 323 0.5481	COST (W!TH) 2,759,290	COST (BITH) 2	STREAM 2,759,290 0 0 0	7AXIES 285, 227 340, 848 403, 290 472, 894	422, 735 505, 171 597, 715 760, 876	267, 179 319, 280 377, 771 442, 971	266, 416 318, 369 376, 692 411, 708	142, 254	48, 549	WIDENING	COST (WITHORT) 58, 809 58, 809 58, 809 58, 809 58, 809	58, 009 1, 490, 380
No. YEAR A.A.O (YPD 1 1594 3. 2 1595 3. 3 1596 3. 4 1597 3. 5 1598 3. 5 1598 3. 7 2000 4. 8 2001 4.	006 178 0.4261 151 0.465 123 0.5481 195 0.614 168 0.665 141 0.744	COST (#11H) 2,759,290	COST (BITH)	STREAM 2,759,290 0 0 0 137,964	785, 227 340, 848 403, 290 472, 894 549, 955 622, 395	422, 735 505, 171 597, 715 760, 876 815, 087 922, 450	1.0RRIES 267, 179 319, 280 377, 771 442, 971 515, 155 583, 011 656, 149	266, 416 318, 369 376, 699 441, 706 513, 684 581, 347 654, 276	142, 254 170, 006 201, 150 235, 857 274, 303 310, 434 349, 378	48, 549 58, 017 68, 645 80, 493 93, 609 105, 940 113, 229	#IDENIKG 0 0 0 0 0	COST (WITHOUT) 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809	58. 009 1. 490, 380 1. 789, 699 2. 083, 271 2. 432, 814 2. 819, 801 3. 183, 585 3, 575, 685
No. YEAR A.A.D (YPD 1 1594 3. 1995 3. 1995 3. 1995 3. 1997 3. 1997 3. 1997 3. 1999 4. 1997 3. 1999 4. 1997 3. 1999 4. 1997 3. 1999 4. 1997 3. 1999 4. 1997 3. 1999 4. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3. 1997 3.	006 1778 0.4261 151 0.4851 123 0.5481 195 0.6141 168 0.665 141 0.7441 114 0.8061 686 0.8651	COST (#11H) 2,759,290	COST (WITH)	STREAM 2, 759, 290 0 0 0 137, 964 0 0 0	785, 227 340, 848 403, 290 472, 894 549, 955 622, 395	422, 735 505, 171 597, 715 760, 876 815, 087 922, 450	267, 179 319, 280 377, 771 442, 971 515, 155 583, 011 656, 149 734, 436 817, 641	266, 416 318, 369 376, 692 441, 706 513, 684 581, 347 654, 276 732, 339	142, 254 170, 066 201, 150 235, 867 274, 303 310, 434 349, 378 351, 063 435, 366	48, 549 58, 017 68, 645 80, 493 93, 609 105, 940 113, 229 133, 455 148, 574	#IDENING 0 0 0 0 0 0	COST (WITHOUT) 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809	58, 609 1, 490, 380 1, 789, 699 2, 083, 271 2, 432, 814 2, 819, 801 3, 183, 585 3, 575, 685 3, 595, 387 4, 441, 455
No. YEAR A.A.O (YPD  1 1594 3. 2 1995 3. 3 1996 3. 4 1997 3. 5 1998 3. 5 1998 3. 7 2000 4. 8 2001 4. 8 2001 4. 10 2003 4. 11 2004 5.	1006 1778 0. 4261 151 0. 4852 123 0. 5463 195 0. 6141 168 0. 6652 141 0. 7441 1514 0. 8062 1514 0. 8063 1519 0. 9333 1519 0. 9333 1519 0. 9433	COST (#11H) 2,759.29b	COST (BITH) 2	STREAM 2, 759, 290 0 0 0 0 137, 964 0 0	785, 227 340, 848 403, 250 472, 894 549, 955 622, 395 700, 473 764, 048 372, 874 966, 591	422, 735 505, 171 597, 715 760, 876 815, 087 922, 450 1, 038, 171 1, 162, 037 1, 283, 685 1, 432, 583	267, 179 319, 280 377, 771 442, 971 515, 159 583, 011 636, 149 734, 436 817, 641 995, 429	266, 416 318, 369 376, 692 441, 706 513, 684 581, 347 654, 276 732, 333 815, 306 902, 842 594, 591 1, 089, 718	142, 254 170, 005 201, 150 235, 867 274, 303 310, 434 349, 378 351, 063 435, 366 432, 110 531, 055 581, 900	48, 549 58, 017 68, 645 80, 493 93, 609 105, 940 113, 229 133, 455 148, 574 164, 526 181, 229	0 0 0 0 0 0	COST (WITHOUT) 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809	58. 009 1. 490, 380 1. 490, 380 1. 769, 699 2. 083, 271 2. 432, 814 2. 819. 801 3. 183, 585 3. 995, 387 4. 441, 455 4. 912. 089 5. 404, 856 5. 916, 814
No. YEAR A.A.D (YPD  1 1594 3. 2 1995 3. 3 1996 3. 4 1997 3. 5 1998 3. 7 2000 4. 8 2001 4. 9 2002 4. 10 2004 5. 11 2004 5. 12 2005 5. 14 2007 5. 15 2008 5.	106 178 0.4261 178 0.4261 151 0.4851 1523 0.5483 195 0.614 10.7441 10.7441 114 0.8061 866 0.8691 359 0.9333 331 0.9988 104 1.0621 1.1963	COST (\(\vec{\vec{\vec{\vec{\vec{\vec{\vec{	COST (WITH) 2 137, 964	STREAM 2, 759, 290 0 0 0 0 137, 964 0 0 137, 964 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	74XIES 285, 227 340, 848 403, 290 472, 894 548, 955 622, 395 760, 473 764, 048 372, 874 965, 591 1, 064, 721 1, 166, 661 1, 271, 679 1, 378, 913	422, 735 505, 171 597, 715 760, 876 815, 087 912, 450 1, 038, 171 1, 162, 037 1, 293, 685 1, 432, 583 1, 578, 022 1, 728, 107 1, 884, 754	267, 179 319, 260 377, 771 442, 971 515, 155 583, 911 656, 149 734, 496 817, 641 905, 428 997, 349 1, 092, 838 1, 191, 211	268, 416 318, 369 376, 692 441, 706 513, 684 581, 347 654, 276 732, 333 815, 305 917, 842 994, 501 1, 089, 718 1, 107, 810	142, 254 170, 005 201, 150 235, 867 274, 303 310, 434 349, 378 351, 063 435, 366 432, 110 531, 055 581, 900 534, 280 587, 765	48, 549 58, 017 68, 645 80, 493 93, 609 105, 940 113, 229 133, 455 148, 574 164, 525 181, 229 198, 581 216, 456	#IDENING  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (#114081) 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809	STREAM  58. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 104, 856  5. 104, 814  6. 444, 199  5. 982, 712
No. YEAR A.A.O (YPD  1 1594 3. 2 1595 3. 3 1596 3. 4 1597 3. 5 1598 3. 7 2000 4. 8 2001 4. 9 2003 4. 11 2004 5. 12 2005 5. 14 2007 5. 14 2007 5. 15 2008 5. 16 2009 5. 16 2009 5.	106 0.4261 178 0.4261 1551 0.4853 1923 0.5481 1968 0.6151 1968 0.6551 141 0.7441 154 0.7861 1559 0.333 331 0.9981 104 1.0522 175 1.1907 1221 1.2511 1934 1.3107	COST (WITH) 2,759,290	COST (WITH)	STREAM 2, 759, 290 0 0 0 0 137, 964 0 0 137, 964 0 0 137, 964 0 0 137, 964	74XIES 285, 227 340, 848 403, 290 472, 894 548, 955 622, 395 700, 473 784, 046 872, 874 966, 591 1, 064, 721 1, 185, 654 1, 271, 679 1, 378, 913	422, 735 595, 771 597, 715 700, 876 815, 087 922, 450 1, 038, 171 1, 162, 037 1, 293, 685 1, 578, 022 1, 728, 107 1, 884, 754 2, 043, 685	267, 179 267, 179 319, 280 377, 771 442, 971, 515, 155 583, 011 656, 149 734, 416 817, 641 905, 428 997, 349 1, 191, 211 1, 291, 659	268, 416 218, 369 376, 692 441, 706 513, 684 581, 347 654, 276 732, 333 815, 306 902, 842 994, 591 1, 089, 718 1, 107, 810 1, 287, 971 1, 389, 278	142, 254 170, 005 201, 150 235, 867 274, 303 310, 434 351, 063 435, 366 432, 110 531, 055 581, 900 634, 280 687, 765 741, 862	48, 549 58, 017 68, 645 83, 609 105, 940 113, 229 133, 455 148, 574 164, 526 181, 229 198, 581 216, 456 234, 709 253, 170	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809 58, 809	STREAM  58. 009  1. 769. 699  1. 769. 699  2. 083. 271  2. 432. 814  2. 819. 801  3. 183. 585  3. 575. 685  3. 957. 387  4. 441. 455  4. 441. 455  5. 16. 814  5. 464, 199  6. 982, 712  7. 527, 382  8. 772, 520
No. YEAR A.A.O (YPD  1 1594 3. 2 1595 3. 3 1596 3. 4 1597 3. 5 1598 3. 7 2000 4. 8 2001 4. 8 2001 4. 10 2003 4. 11 2004 5. 11 2005 5. 11 2006 5. 11 2006 5. 11 2007 5. 11 2007 5. 11 2008 5. 11 2009 5. 11 2009 5. 11 2009 5. 11 2009 5. 11 2009 5. 11 2009 5. 12 2009 5. 13 2011 6.	106 0.4261 178 0.4261 151 0.4851 123 0.6151 168 0.6551 141 0.7441 151 0.7441 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.7661 151 0.	COST (WITH) 2,759,290	137, 964 137, 964	STREAM 2, 759, 290 0 0 0 137, 964 0 0 137, 964 0 0 137, 964 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	74XIES  285, 227  340, 848  403, 290  472, 894  543, 955  622, 395  760, 473  764, 046  372, 674  366, 591  1, 166, 661  1, 271, 679  1, 378, 913  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 595, 946  1, 703, 402  1, 808, 406  1, 909, 530	422. 735. 505. 171 597. 715. 760. 876. 815. 087 922. 450. 1. 038. 171. 1. 162. 037. 1. 253. 685. 1. 778. 022. 1. 729. 107. 1. 884. 754. 2. 043. 685. 2. 204. 434. 2. 365. 350. 2. 524. 610. 2. 588. 237.	CORRIES  267, 179 287, 771 442, 971 442, 971 515, 155 583, 011 656, 149 734, 416 817, 641 905, 428 905, 428 1, 191, 211 1, 291, 659 1, 393, 256 1, 393, 256 1, 494, 959 1, 595, 616 1, 683, 975 1, 788, 700	266, 416 218, 369 376, 692 441, 708 513, 684 581, 347 654, 276 732, 319 815, 306 902, 842 994, 501 1, 088, 718 1, 187, 810 1, 287, 971 1, 388, 278 1, 490, 591 1, 591, 060 1, 688, 139	142, 254 170, 065 261, 150 271, 150 274, 303 310, 434 349, 378 351, 063 432, 110 531, 055 581, 900 534, 280 587, 765 741, 862 746, 861 849, 612 901, 985	46. 549 58. 017 68. 645 80, 493 93. 609 105. 940 113. 229 133. 455 148. 574 164. 526 181. 229 234. 709 253. 170 271. 650 271. 650 271. 650 273. 941 307. 814	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  5.8. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 916, 814  6. 444, 199  6. 882, 712  7. 527, 382  8. 512, 250  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  1. 495
No. YEAR A.A.D (YPD  1 1594 3. 2 1995 3. 3 1996 3. 4 1897 3. 5 1998 3. 7 2000 4. 7 2000 4. 8 2001 4. 8 2002 4. 10 2003 4. 11 2004 5. 12 2005 5. 14 2007 5. 14 2007 5. 14 2007 5. 15 2008 5. 16 2008 5. 17 2010 6. 18 2011 6. 18 2011 6. 19 2013 6.	006 1778 0.4251 551 0.4853 1723 0.5481 1968 0.6151 1968 0.6551 1914 0.6061 194 10521 10741 11900 11967 11967 11967 11967 11967 11967 11967 11967 11967	COST (W1TH) 2,759,290	137, 964 137, 964 137, 964	STREAM 2. 759, 290 0 0 0 137, 964 0 0 137, 964 0 0 0 137, 964 0 0 0 137, 984	74XIES  285, 227  340, 848  403, 290  472, 894  543, 955  622, 395  760, 473  764, 046  372, 674  366, 591  1, 166, 661  1, 271, 679  1, 378, 913  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 487, 373  1, 595, 946  1, 703, 402  1, 808, 406  1, 909, 530	422. 735. 505. 171 597. 715 760. 876. 876. 876. 876. 876. 876. 876. 876	267, 179 319, 280 377, 771 442, 971 515, 155 523, 611 656, 149 734, 416 817, 641 905, 428 987, 349 1, 092, 288 1, 191, 211 1, 291, 659 1, 494, 959 1, 393, 256 1, 494, 959 1, 595, 616 1, 593, 975 1, 788, 795 1, 788, 584	266, 416 318, 369 376, 692 441, 706 513, 684 581, 347 654, 276 732, 318 815, 306 912, 842 994, 501 1, 187, 818 1, 187, 818 1, 187, 818 1, 187, 819 1, 368, 278 1, 490, 691 1, 591, 060 1, 689, 119 1, 783, 593 18, 106, 735	142, 254 170, 095 201, 150 235, 867 224, 303 310, 434 349, 378 351, 053 445, 366 445, 366 531, 055 531, 900 534, 280 587, 765 741, 862 741, 862 741, 862 741, 862 751, 901, 985 952, 423 5, 666, 838	48, 549 58, 617 68, 645 80, 493 93, 609 105, 940 113, 229 133, 455 148, 526 181, 229 124, 709 253, 170 224, 709 253, 170 271, 650 283, 941 307, 814 325, 026	#IDENIKG	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  58. 609 1. 789, 699 2. D83, 271 2. 819, 801 3. 183, 585 3. 575, 685 3. 595, 387 4. 441, 455 4. 912, 089 6. 582, 712 7. 527, 382 8. 612, 250 8. 612, 250 8. 612, 250 8. 612, 250 8. 612, 250 8. 612, 250 8. 612, 250
No. YEAR A.A.D (YPD  1 1594 3. 2 1995 3. 3 1996 3. 4 1997 3. 5 1998 3. 5 1998 3. 7 2000 4. 8 2001 4. 9 2002 4. 10 2003 4. 11 2004 5. 12 2005 5. 14 2007 5. 15 2008 5. 14 2007 5. 15 2008 5. 16 2008 5. 17 2010 6. 18 2011 6. 19 2012 6. 20 2013 6.  CALCULATION FOR IMP	106   0.4261   0.4851   0.4851   0.4851   0.4851   0.5481   0.6181   0.6181   0.6181   0.6181   0.6181   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441   0.7441	COST (W1TH) 2,759,290 2,759,290 2,759,290	COST (WITH) 2 137, 964 137, 964 137, 964 13, 893 0 rate (%) d3 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49% 71, 49%	STREAM 2, 759, 290 0 0 0 137, 964 0 0 137, 964 0 0 137, 964 0 0 0 137, 964 0 0 0 0 137, 964 0 0 0 0 0 0 137, 964 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	74XIES  285, 227 340, 848 403, 290 472, 894 549, 955 622, 395 622, 395 760, 473 784, 046 372, 874 1, 064, 721 1, 166, 661 1, 271, 679 1, 378, 913 1, 487, 373 1, 595, 946 1, 703, 406 1, 703, 406 1, 703, 406 1, 703, 406 1, 909, 530 1, 808, 406 1, 309, 530 1, 808, 406 1, 309, 530 1, 808, 527	422. 735 505. 171 597. 715 760. 815 815. 087 1. 038. 171 1. 162. 037 1. 253. 685 1. 432. 583 1. 578. 022 1. 728. 107 1. 884. 754 2. 043. 685 2. 204. 434 2. 365. 350 2. 524. 510 2. 580. 237 2. 830. 112 6. 739. 822	267, 179 218, 260 377, 771 442, 971 455, 155, 155, 155, 155, 1641 905, 428, 438 1, 092, 238 1, 191, 211 1, 291, 659 1, 393, 256 1, 788, 700 18, 158, 584	266, 416 318, 369 376, 692 441, 706 513, 684 581, 347 654, 276 302, 842 994, 501 1, 187, 810 1, 187, 810 1, 187, 971 1, 368, 278 1, 490, 691 1, 581, 060 1, 688, 139 18, 106, 735	142, 254 170, 006 201, 150 2235, 857 274, 303 349, 378 349, 378 351, 053 455, 366 452, 110 351, 053 361, 368 452, 110 361, 268 367, 765 741, 862 786, 016 849, 512 901, 985 952, 423 \$666, 838	48, 549 58, 017 68, 645 80, 493 93, 609 105, 946 119, 229 133, 457 148, 526 181, 229 198, 581 2216, 456 234, 709 221, 650 221, 650 234, 709 243, 941 325, 026 3, 295, 613	WIDENIKG  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  5.8. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 916, 814  6. 444, 199  6. 882, 712  7. 527, 382  8. 512, 250  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  1. 495
No. YEAR A.A.O (YPD  1 1594 A.A.O (YPD  1 1594 A.A.O (YPD  1 1594 A.A.O (YPD  1 1594 A.A.O (YPD  1 1594 A.A.O (YPD  1 1594 A.A.O (YPD  1 1594 A.A.O (YPD  1 1594 A.A.O (YPD  1 1594 A.A.O (YPD  1 1 2004 A.O (YPD  1 1 2004 A.O (YPD  1 1 2004 A.O (YPD  1 1 2005 A.O (YPD  1 1 2004 A.O (YPD  1 1 2004 A.O (YPD  1 1 2005 A.O (YPD  1 1 2006 A.O (YPD  1 1 2007 A.O (YPD  1 1 2008 A.O (YPD  1 1 2001 A.O (YPD  1 1 2011 A.O (YPD  1 1 2012 A.O (YPD  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	106   0.4261 178   0.4261 151   0.4851 123   0.5481 123   0.5481 195   0.6141 168   0.5141 168   0.5851 141   0.7441 159   0.9331 31   0.9381 31   0.9381 31   0.9381 31   1.5181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3181 159   0.3	COST (WITH) 2,759,290 2,759,290 3; discount BENEFIT 58,009 1,312,684	137, 964  137, 964  137, 964  413, 893 0  rate(\$)  71, 492  1.000 2 0.583	STREAM 2, 759, 290 0 0 0 137, 964 0 0 137, 964 0 0 0 137, 964 0 0 0 0 137, 964 0 0 0 0 137, 964 0 0 0 0 0 0 137, 964 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	74XIES  285, 227 340, 848 403, 290 472, 894 549, 955 622, 395 622, 395 622, 395 700, 473 784, 048 372, 874 1, 064, 721 1, 165, 661 1, 271, 679 1, 378, 913 1, 487, 373 1, 595, 946 1, 703, 402 1, 808, 406 1, 909, 385, 227  BENEFIT 58, 009 869, 069	422, 735 505, 171 597, 715 760, 875 815, 087 922, 450 1, 038, 171 1, 182, 037 1, 182, 037 1, 183, 685 1, 432, 583 1, 578, 022 1, 729, 107 1, 884, 754 2, 043, 685 2, 204, 434 2, 365, 350 2, 589, 237 2, 524, 510 2, 589, 237 2, 330, 112 28, 739, 822	267, 179 319, 260 377, 771 442, 971 515, 155 583, 011 656, 149 734, 416 817, 641 905, 428 997, 349 1, 092, 288 1, 191, 211 1, 291, 659 1, 494, 959 1, 393, 256 1, 494, 959 1, 595, 616 1, 593, 976 1, 788, 790 18, 158, 584	LORRIES  266.416 318.369 376.692 441.706 513.684 581.347 654.276 732.338 815.306 912.842 994.501 1, 088,718 1, 187.810 1, 287,971 1, 368,278 1, 490.691 1, 688,139 16,1783,593 16,167,738	142, 254 170, 006 201, 150 221, 150 224, 302 310, 434 349, 378 331, 053 445, 365 442, 110 331, 053 445, 365 581, 900 587, 765 741, 862 786, 016 849, 512 901, 385 922, 423 5, 666, 838 41 71, 453 1, 000 1, 583	48, 549 58, 017 68, 645 80, 493 93, 609 105, 940 105, 940 113, 229 133, 455 148, 526 184, 526 184, 526 184, 709 271, 650 274, 650 274, 650 274, 650 274, 650 274, 650 275, 779, 279 00	#IDENIKG  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  5.8. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 916, 814  6. 444, 199  6. 882, 712  7. 527, 382  8. 512, 250  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  1. 495
No. YEAR A.A.D (YPD  1 1994 3. 2 1995 3. 3 1996 3. 4 1897 3. 5 1998 3. 5 1998 3. 7 2000 4. 8 2001 4. 9 2002 4. 10 2003 4. 11 2004 5. 12 2005 5. 14 2007 5. 15 2008 5. 17 2010 6. 18 2011 6. 18 2011 6. 19 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 21 1995 0. 21 1995 0. 3 1996 0. 4 1997 0.	106	COST (WITH) 2,759,290 2,759,290 3; discount BENEFIT 58,009 1,342,884 1,436,327	137, 964  137, 964  137, 964  413, 893 0  rate (\$1)  1, 492  1, 600  0, 583  0, 340  0, 138	STREAM 2, 759, 290 0 0 0 137, 964 0 0 137, 964 0 0 0 137, 964 0 0 0 0 137, 964 0 0 0 0 0 137, 964 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	74XIES  285, 227  340, 848  403, 290  472, 894  548, 955  622, 395  622, 395  622, 395  700, 473  784, 046  372, 874  1, 164, 721  1, 165, 661  1, 271, 679  1, 378, 913  1, 487, 373  1, 595, 946  1, 703, 402  1, 808, 406  1, 909, 530  1, 385, 227  869, 069  861, 748  413, 065	422. 735. 505. 171 597. 715. 876. 876. 876. 876. 876. 876. 876. 876	267, 179 218, 260 377, 771 442, 971 442, 971 515, 155 582, 011 656, 149 734, 416 817, 641 905, 428 937, 349 1, 692, 838 1, 91, 291 1, 291 1, 291, 659 1, 393, 256 1, 494, 959 1, 595, 516 1, 688, 700 18, 158, 584  XPVo=  COST 2, 759, 290 0	266, 416 2 318, 369 376, 692 441, 706 513, 684 581, 347 654, 276 732, 338 815, 306 812, 842 894, 501 1, 287, 971 1, 368, 278 1, 490, 691 1, 287, 971 1, 368, 178, 591 1, 591, 060 1, 688, 139 16, 166, 738 97, 915	142, 254 170, 006 201, 150 225, 857 274, 303 310, 434 349, 378 351, 053 442, 110 351, 053 442, 110 351, 053 351, 053 361, 280 367, 765 741, 862 786, 016 849, 512 901, 985 952, 423 3, 665, 638 41 71, 492 1, 000 1, 583 0, 340 0, 583 0, 340 0, 583 0, 340 0, 138	48, 549 58, 017 68, 645 80, 493 93, 609 105, 940 1105, 940 1132, 455 1134, 4526 1184, 526 1184, 526 1184, 526 1184, 526 1184, 526 1184, 526 1284, 709 271, 650 273, 709 274, 650 274, 650 274, 650 274, 650 275, 775 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 650 277, 6	#IDENIKG  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  5.8. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 916, 814  6. 444, 199  6. 882, 712  7. 527, 382  8. 512, 250  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  1. 495
No. YEAR A.A.D (YPD  1 1994 3. 2 1995 3. 3 1996 3. 4 1997 3. 5 1998 3. 5 1998 3. 7 2000 4. 8 2001 4. 9 2002 4. 10 2003 4. 11 2004 5. 12 2005 5. 14 2007 5. 14 2007 5. 14 2007 5. 15 2008 5. 16 2008 5. 17 2010 6. 18 2011 6. 19 2012 6. 19 2012 6. 19 2012 6. 11 1994 1. CALCULATION FOR IMB  CALCULATION FOR IMB  CALCULATION FOR IMB  CALCULATION FOR IMB  1 1994 1. 2 1995 0. 3 1996 0. 4 1997 0. 5 1998 0. 5 1998 0. 5 1998 0.	106   0.4261 178   0.4261 151   0.4851 123   0.5481 123   0.5481 195   0.6141 168   0.5141 168   0.5141 168   0.6051 168   0.6051 168   0.8651 174   0.6051 175   0.9331 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175   1.1271 175	COST (W1TH) 2,759,290 2,759,290 3: discount BENEFIT 58,009 1,342,884 1,436,327 1,523,270 1,602,570 1,602,570	137, 964  137, 964  137, 964  413, 893 0  rate(\$)  1, 492  1, 600  0, 563  0, 138  0, 118  0, 156	STREAM 2, 759, 290 0 0 0 137, 964 0 0 137, 964 0 0 0 137, 964 0 0 0 137, 964 0 0 0 137, 964 0 0 0 0 7, 173, 183 0 0 0 7, 173, 183 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	74XIES  285, 227  340, 848  403, 290  472, 894  548, 955  622, 395  724, 047  784, 047  1, 164, 721  1, 165, 651  1, 271, 679  1, 378, 913  1, 487, 373  1, 595, 946  1, 703, 402  1, 808, 406  1, 708, 953  2  BENEEIT  58, 009  869, 069  601, 748  413, 065  281, 280  190, 111	422. 735. 505. 171 597. 715. 760. 876 815. 087 922. 4590 1. 038. 171 1. 162. 037 1. 253. 685 1. 432. 583 1. 578. 022 1. 729. 107 1. 884. 754 2. 043. 685 2. 204. 434 2. 365. 350 2. 580. 237 2. 830. 112 2. 730. 348 0. 500. 205 0. 348 0. 205 0. 348 0. 205 0. 348 0. 205 0. 205 0. 042	267, 179 319, 280 377, 771 442, 971 515, 155 582, 611 656, 149 734, 419 905, 428 997, 349 1, 092, 288 1, 191, 211 1, 291, 659 1, 494, 959 1, 393, 256 1, 494, 959 1, 595, 616 1, 593, 975 1, 788, 790 18, 158, 584	266. 416. 318. 369. 376. 632. 441. 706. 513. 684. 581. 347. 654. 276. 732. 313. 815. 306. 902. 842. 994. 501. 1. 689. 718. 1. 187. 810. 1. 287. 971. 1. 369. 278. 1. 490. 661. 1. 287. 971. 31. 783. 593. 18. 106. 738. 97. 915. 8ENELIT. 58. 009. 879. 332. 294. 800. 201. 604.	142, 254 170, 006 201, 150 215, 857 224, 301 310, 434 349, 378 331, 053 4415, 366 432, 110 331, 053 541, 280 547, 765 741, 862 786, 016 349, 861 391, 985 952, 423 866, 838 41, 100 901, 985 952, 423 866, 838 41, 100 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901, 985 901,	48, 549 58, 017 68, 645 80, 493 80, 493 801, 609 105, 940 113, 229 133, 455 164, 526 161, 229 198, 581 2216, 456 224, 709 223, 190 233, 295, 613 37, 650 24, 759, 290 0 9, 302	#IDENIKG  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  5.8. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 916, 814  6. 444, 199  6. 882, 712  7. 527, 382  8. 512, 250  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  1. 495
No. YEAR A.A.D (YPD  1 1594 3. 2 1995 3. 3 1996 3. 4 1998 3. 5 1998 3. 5 1998 3. 7 2000 4. 8 2001 4. 10 2003 4. 11 2004 5. 12 2005 5. 11 2006 5. 12 2005 5. 13 2006 5. 14 2007 6. 15 2008 5. 16 2009 5. 17 2010 6. 18 2011 6. 18 2011 6. 20 2013 6. 18 2011 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6.	006	COST (WITH) 2,759,290 2,759,290 2,759,290 3; discount BENEFIT 58,009 1,342,884 1,436,327 1,523,270 1,673,415 1,702,075 1,702,075 1,702,075	137, 964  137, 964  137, 964  137, 964  413, 833 0  rate(3)  13, 964  0, 983  0, 340  0, 166  0, 967  0, 039  0, 023  0, 023  0, 023	STREAM 2, 759, 290 0 0 0 137, 964 0 0 137, 964 0 0 0 137, 964 0 0 0 0 137, 964 0 0 0 0 0 0 137, 964 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	74XIES  285, 227 340, 848 403, 290 542, 894 549, 955 622, 395 622, 395 760, 473 784, 046 372, 874 1, 064, 721 1, 166, 661 1, 271, 679 1, 378, 913 1, 487, 373 1, 595, 946 1, 703, 943 1, 808, 406 1, 309, 530 1, 808, 406 1, 309, 530 1, 309, 530 2  BENEFIT 58, 009 869, 069 869, 069 869, 1748 413, 065 281, 280 190, 111 125, 159 81, 971 53, 410	422, 735 505, 171 597, 715 760, 876 815, 087 922, 450 1, 038, 171 1, 162, 037 1, 293, 685 1, 432, 583 1, 578, 022 1, 728, 107 1, 884, 754 2, 043, 685 2, 204, 434 2, 365, 350 2, 880, 122 28, 730, 122 8, 730, 122 1, 000 0, 590 0, 248 0, 205 0, 121 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042 0, 042	10881ES 267, 179 318, 280 377, 771 442, 971 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515, 155 515 515, 155 515 515, 155 515 515 515 515 515 515 515 515 515	266. 416. 318. 369. 376. 5692. 441. 706. 513. 684. 581. 347. 318. 315. 306. 312. 342. 341. 369. 278. 315. 306. 312. 342. 342. 342. 342. 342. 342. 342. 34	142, 254 170, 006 201, 150 215, 867 224, 303 310, 434 349, 378 331, 053 445, 366 452, 110 531, 055 531, 280 531, 280 547, 765 741, 862 746, 015 849, 512 901, 985 932, 423 95, 686, 638 41, 100 901, 985 932, 423 933, 686, 638 41, 100 901, 985 932, 423 933, 686, 638 933, 634 94, 94, 94, 94, 94, 94, 94, 94, 94, 94,	48, 549 58, 017 68, 645 80, 493 93, 609 105, 940 113, 229 133, 455 164, 526 161, 526 161, 526 234, 709 221, 650 231, 709 221, 650 234, 709 237, 650 247, 709 271, 650 288, 941 375, 026 379, 616 00 00 9, 302	#IDENIKG  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  5.8. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 916, 814  6. 444, 199  6. 882, 712  7. 527, 382  8. 512, 250  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  1. 495
No. YEAR A.A.D (YPD  1 1594 3. 2 1995 3. 3 1996 3. 4 1997 3. 5 1998 3. 7 2000 4. 8 2001 4. 8 2001 4. 10 2003 4. 11 2004 5. 12 2005 5. 13 2006 5. 14 2007 5. 15 2008 5. 17 2010 6. 18 2011 6. 20 2013 6. 18 2011 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6.	106	COST (WITH) 2,759,290 2,759,290 2,759,290 3; discount 58,009 1,342,684 1,436,327 1,522,220 1,673,415 1,702,075 1,702,075 1,702,075 1,703,704 1,703,704	137, 964  137, 964  137, 964  137, 964  413, 893 0  rate(\$)  13, 964  0, 063  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198  0, 198	STREAM 2, 759, 290 0 0 0 137, 964 0 0 137, 964 0 0 0 137, 964 0 0 0 0 0 137, 968 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	74XIES  285, 227 340, 848 403, 290 542, 894 549, 955 622, 395 622, 395 622, 395 622, 396 6372, 874 1, 064, 721 1, 166, 661 1, 271, 679 1, 378, 913 1, 487, 323 1, 595, 946 1, 703, 496 1, 703, 496 1, 303, 530 1, 305, 307 868, 069 869, 069 869, 069 869, 069 869, 069 869, 1748 413, 065 281, 280 413, 065 281, 280 413, 065 381, 971 125, 159 81, 971 34, 621 22, 328	422, 735 505, 171 597, 715 760, 876 815, 087 922, 450 1, 038, 171 1, 162, 037 1, 293, 685 1, 432, 583 1, 578, 022 1, 728, 107 1, 884, 754 2, 043, 685 2, 204, 434 2, 365, 350 2, 880, 122 28, 730, 122 8, 730, 122 9, 730, 822 0, 034 0, 205 0, 121 0, 042 0, 042 0, 042 0, 042 0, 005 0, 009 0, 005	COST 290 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	266, 416, 318, 369, 376, 692, 441, 706, 513, 684, 654, 276, 732, 313, 815, 306, 912, 842, 894, 501, 698, 718, 718, 718, 718, 718, 718, 718, 71	142, 254 170, 006 201, 150 235, 857 224, 303 310, 434 349, 348 331, 053 445, 366 442, 110 331, 053 341, 390 531, 055 531, 900 531, 055 531, 900 531, 055 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 900 531, 9	48, 549 58, 017 68, 645 80, 493 93, 609 105, 940 119, 229 113, 4574 1148, 526 1181, 229 1198, 581 2216, 456 234, 709 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271, 650 271	#IDENIKG  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  5.8. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 916, 814  6. 444, 199  6. 882, 712  7. 527, 382  8. 512, 250  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  1. 495
No. YEAR A.A.D (YPD  1 1594 A.A.D (YPD  1 1594 A.A.D (YPD  1 1995 A. 3 1996 A. 4 1997 A. 5 1998 A. 7 2000 A. 8 2001 A. 8 2001 A. 10 2003 A. 11 2004 S. 12 2005 S. 13 2006 S. 14 2007 S. 15 2008 S. 17 2010 G. 18 2011 G. 18 2011 G. 19 2012 G. 20 2013 A. 11 2004 D. 20 2013 G. 20 2014 A. 20 2015 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2010 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 2000 G. 20 20 20 G. 20 20 20 G. 20 20 20 G. 20 20 20 G. 20 20 20 G. 20 20 20 G. 20 20 20 G. 20 20 20 G. 20 20 20 G. 20 20 20 G. 20 2	106	COST (W1TH) 2,759,290 2,759,290 3,755,290 6; discount 58,009 1,342,884 1,416,327 1,622,570 1,622,570 1,622,570 1,722,289 1,732,415 1,722,289 1,732,415 1,722,289 1,732,415 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732,341 1,732	137, 964  137, 964  137, 964  137, 964  413, 893 0  rate (\$) 1, 492 1, 000 2 0, 583 0, 1186 0, 1167 0, 033 0, 002 0, 003 0, 003 0, 003	STREAM 2, 759, 290 0 0 0 137, 964 0 0 137, 964 0 0 0 137, 964 0 0 0 137, 964 0 0 0 0 137, 964 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7AXIES  285, 227  340, 848  403, 290  472, 894  548, 955  622, 395  760, 473  784, 046  372, 874  566, 591  1, 156, 661  1, 271, 664  1, 733, 402  864, 069  1, 909, 530  87, 385, 227  2  BENEFIT  58, 009  869, 069  801, 748  413, 065  281, 280  190, 111  125, 159  81, 971  53, 410  34, 621	422. 735. 505. 171 597. 715. 815. 087 922. 4590 1. 038. 171 1. 162. 037 1. 1. 162. 037 1. 283. 685 1. 432. 583 1. 578. 022 1. 728. 107 2. 685. 2. 204. 434 685 2. 204. 434 685 2. 204. 434 685 2. 204. 434 685 2. 205. 506. 207. 2. 580. 237 2. 830. 112 26. 739. 822 2. 204. 434 685 2. 204. 434 685 2. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 500. 205. 205	COST 1.79 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201 201	LORRIES  266. 416 318. 369 376. 692 441. 706 513. 684 581. 347 654. 276 732. 313 815. 306 902. 842 994. 501 1. 688. 718 1. 187. 810 1. 287. 971 1. 781. 994. 501 1. 688. 718 1. 490. 681 1. 490. 681 1. 688. 139 1. 783. 593 18. 106. 735 88. 699 879. 332 294. 800 201. 604 134. 293 88. 992 25. 105 26. 765	142, 254 170, 006 201, 150 201, 150 274, 303 310, 434 334, 378 331, 053 341, 378 331, 053 341, 536 342, 280 351, 053 341, 280 351, 053 342, 280 367, 765 741, 862 756, 838 392, 423 5, 666, 838 31, 100 0, 198 0, 198 0, 198 0, 198 0, 198 0, 013 0, 013 0, 013 0, 013 0, 013 0, 013 0, 013 0, 003 0, 003 0, 003 0, 003 0, 003 0, 003	48, 549 58, 017 68, 645 80, 493 83, 609 105, 940 119, 229 133, 455 164, 526 161, 526 224, 709 253, 170 253, 170 271, 650 283, 941 375, 026 87, 297, 613 27, 759, 290 0 0 0 0 0 627 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WIDENIKG  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  5.8. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 916, 814  6. 444, 199  6. 882, 712  7. 527, 382  8. 512, 250  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  1. 495
No. YEAR A.A.D (YPE)  1 1594 3. 2 1595 3. 3 1596 3. 4 1597 3. 5 1598 3. 7 2000 4. 8 2001 4. 10 2003 4. 11 2004 5. 12 2005 5. 14 2007 5. 15 2008 5. 16 2009 5. 17 2010 6. 18 2011 6. 18 2011 6. 20 2013 0. 19 2012 6. 20 2013 0. 10 2014 1. 2015 0. 2019 0. 2019 0. 2019 0. 2019 0. 2019 0. 2010 0. 2011 0. 2003 0. 2011 0. 2012 0. 2013 0. 2014 2004 0. 2004 0. 2005 0. 2006 0. 2007 0. 2008 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0. 2009 0.	006	COST (W11H) 2,759,290 2,759,290 2,759,290 3,312,584 3,602 1,342,584 1,436,327 1,529,270 1,602,570 1,602,570 1,602,570 1,722,253 1,733,704 1,734,255 1,733,704 1,734,275 1,732,275 1,733,704 1,734,275 1,732,275 1,733,704 1,734,275 1,732,351	137, 964  137, 964  137, 964  137, 964  137, 964  137, 964  137, 964  138, 933 0  139, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130,	STREAM 2, 759, 290 0 0 0 137, 964 0 0 137, 964 0 0 0 0 137, 964 0 0 0 0 137, 964 0 0 0 0 0 0 137, 964 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7AXIES  285, 227 340, 848 403, 290 472, 894 543, 955 622, 395 760, 477 784, 046 372, 874 1, 664, 721 1, 166, 661 1, 271, 679 1, 378, 913 1, 467, 323 1, 467, 323 1, 467, 323 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1, 802, 402 1	422. 735. 505. 171 597. 715. 760. 876. 815. 087 922. 4590 1. 038. 171 1. 162. 037 1. 283. 685 1. 432. 583 1. 578. 022 1. 729. 107. 1884. 754 2. 043. 685 2. 204. 434 2. 365. 350 2. 584. 510. 256. 710. 822. 680. 237 2. 830. 112 28. 710. 822. 690. 205. 600. 205. 600. 205. 600. 205. 600. 600. 600. 600. 600. 600. 600. 6	COST 2.759 200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	LORRIES  266. 416. 318. 369 376. 5692 441. 706 513. 684 581. 347 732. 313 815. 306 902. 842 11. 389. 278 11. 389. 278 11. 389. 278 11. 389. 278 11. 389. 278 11. 389. 278 11. 389. 278 11. 389. 278 11. 389. 278 12. 389. 399. 399. 399. 399. 399. 399. 399	142, 254 170, 006 201, 150 201, 150 214, 301 310, 434 349, 378 331, 053 341, 378 331, 053 341, 536 342, 280 351, 053 341, 280 351, 053 341, 280 367, 765 411, 862 786, 016 349, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341, 817 341 341 341 341 341 341 341 341 341 341	48, 549 58, 017 68, 649 80, 493 801, 693 801, 693 105, 940 113, 229 133, 457 164, 526 164, 526 161, 229 198, 581 2216, 456 224, 709 253, 190 00 00 90 90 627 00 00 4226	WIDENIKG  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  5.8. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 916, 814  6. 444, 199  6. 882, 712  7. 527, 382  8. 512, 250  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  1. 495
No. YEAR A.A.O (YPE)  1 1594 3. 2 1995 3. 3 1996 3. 4 1997 3. 5 1998 3. 7 2000 4. 8 2001 4. 10 2003 4. 11 2004 5. 12 2005 5. 11 2006 5. 14 2007 5. 15 2008 5. 16 2009 5. 17 2010 6. 18 2011 6. 20 2013 6. 18 2011 6. 20 2013 6. 18 2011 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2015 6. 20 2015 6. 20 2015 6. 20 2016 6. 20 2017 6. 20 2018 6. 20 2018 6. 20 2018 6. 20 2018 6. 20 2018 6. 20 2018 6. 20 2018 6. 20 2018 6. 20 2018 6. 20 2018 6. 20 2018 6. 20 2018 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 6. 20 20 20 20 20 6. 20 20 20 20 20 20 20 20 20 20 20 20 20 2	006	COST (W11H) 2,759,290 2,759,290 3;01500000000000000000000000000000000000	137, 964  137, 964  137, 964  137, 964  137, 964  137, 964  137, 964  137, 964  0, 138, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	STREAM 2. 759, 290 0 0 0 0 0 0 137. 964 0 0 137. 964 0 0 0 0 137. 964 0 0 0 0 2. 173. 183 NPV3= 2. 759, 290 9. 302 9. 302 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7AXIES  285, 227 340, 848 403, 290 542, 894 543, 955 622, 395 700, 497 784, 046 372, 874 1, 064, 791 1, 146, 661 1, 271, 679 1, 378, 913 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 487, 323 1, 410 1, 443, 326 1, 410 1, 421 1, 422 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 426 1, 42	422, 735, 505, 171 597, 715, 760, 875, 815, 087 922, 450, 1038, 171 1, 162, 037 1, 183, 173 1, 183, 183, 183, 183, 183, 183, 183, 18	267, 179 318, 280 377, 771 442, 971 515, 155 583, 011 656, 149 734, 416 817, 641 905, 428 997, 349 1, 092, 818 1, 191, 211 1, 291, 659 1, 494, 959 1, 393, 256 1, 494, 959 1, 595, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1, 589, 516 1,	LORRIES  266. 416. 318. 369 376. 692 441. 706 513. 684 581. 347 654. 276 732. 338 815. 306 912. 842 994. 501 1. 187. 810 1. 187. 810 1. 187. 810 1. 287. 971 1. 368. 278 1. 490. 691 1. 591. 060 1. 287. 971 1. 591. 060 1. 287. 972 294. 803 201. 604 134. 283 88. 992 25. 169 38. 479 38. 479 38. 479 25. 169 16. 528 6. 765 4. 325 2. 751 1. 741 1. 096 586	142, 254 170, 006 201, 150 201, 150 201, 150 214, 302 316, 328 310, 334 349, 328 331, 033 442, 110 331, 033 442, 110 331, 035 341, 900 587, 765 741, 862 386, 016 887, 765 741, 862 386, 016 889, 512 386, 016 889, 512 386, 016 889, 512 387, 016 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389	48, 549 58, 017 68, 645 80, 479 68, 645 80, 493 193, 455 198, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526 184, 526	#IDENIKG  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  5.8. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 916, 814  6. 444, 199  6. 882, 712  7. 527, 382  8. 512, 250  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  1. 495
No. YEAR A.A.D (YPB)  1 1594 3. 2 1995 3. 3 1996 3. 4 1997 3. 5 1998 3. 6 1998 4. 7 2000 4. 8 2001 4. 8 2001 4. 10 2003 4. 11 2004 5. 12 2005 5. 13 2006 5. 14 2007 5. 15 2008 5. 17 2010 6. 18 2011 6. 19 2012 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 20 2013 6. 21 1994 1. 21 1994 1. 21 1995 0. 3 1996 0. 4 1997 0. 5 1998 0. 6 1999 0. 7 2000 0. 8 2002 0. 10 2003 0. 11 2004 0. 12 2005 0. 11 2004 0. 12 2005 0. 11 2006 0. 12 2005 0. 13 2006 0. 14 2007 0. 15 2008 0. 16 2009 0. 16 2009 0. 17 2010 0. 18 2001 0. 18 2001 0. 19 2002 0. 10 2003 0. 11 2006 0.	0.6	COST (WITH) 2,759,290 2,759,290 3; 635,290 3; 635,290 1,623,415 1,342,684 1,436,327 1,523,220 1,623,415 1,702,075 1,722,259 1,733,704 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,735,275 1,	137, 964  137, 964  137, 964  137, 964  137, 964  137, 964  137, 964  138, 933 0  139, 964  139, 933 0  139, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  130, 969  13	STREAM 2. 759, 290 0 0 0 0 0 0 137. 964 0 0 0 137. 964 0 0 0 137. 964 0 0 0 0 0 2. 173. 183  NPV3= 2. 759, 290 9. 302 9. 302 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 AXIES  285, 227  340, 848  403, 290  472, 894  548, 955  622, 395  622, 395  784, 2874  1, 646, 591  1, 271, 679  1, 378, 913  1, 487, 373  1, 595, 946  1, 703, 402  1, 808, 406  1, 909, 538  1, 9385, 227   BENEFIT  58, 009  869, 059  861, 748  413, 065  281, 280  190, 111  125, 159  81, 971  53, 410  34, 621  22, 328  14, 326  5, 808  1, 462  22, 328  14, 326  5, 808  1, 462  22, 328  14, 326  5, 808  1, 621  22, 328  14, 326  5, 808  1, 621  22, 328  14, 326  5, 808  1, 621  22, 328  14, 326  5, 808  1, 462  22, 328  14, 326  5, 808  1, 462  22, 328  14, 326  5, 808  1, 462  22, 328  14, 326  5, 808  670  2, 307	422, 735, 505, 171 597, 715, 760, 875, 815, 087 922, 450, 1038, 171 1, 162, 037 1, 183, 173 1, 183, 183, 183, 183, 183, 183, 183, 18	CORRIES  267, 179  318, 260  377, 771  442, 971  515, 155  583, 011  656, 149  734, 416  817, 641  905, 428  937, 349  1, 092, 238  1, 191, 211  1, 291, 659  1, 788, 700  1, 588, 581  1, 788, 700  18, 158, 584  COST  2, 759, 230  9, 864  0  0  0  0  705  0  0  0  0  0  0  0  0  0  0  0  0	LORRIES  266. 416. 318. 369 376. 692 441. 706 513. 684 581. 347 654. 276 732. 338 815. 306 912. 842 994. 501 1. 187. 810 1. 187. 810 1. 187. 810 1. 287. 971 1. 368. 278 1. 490. 691 1. 591. 060 1. 287. 971 1. 591. 060 1. 287. 972 294. 803 201. 604 134. 283 88. 992 25. 169 38. 479 38. 479 38. 479 25. 169 16. 528 6. 765 4. 325 2. 751 1. 741 1. 096 586	142, 254 170, 006 201, 150 201, 150 201, 150 214, 302 316, 328 310, 334 349, 328 331, 033 442, 110 331, 033 442, 110 331, 035 341, 900 587, 765 741, 862 386, 016 887, 765 741, 862 386, 016 889, 512 386, 016 889, 512 386, 016 889, 512 387, 016 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389, 512 389	48, 549 58, 017 68, 645 80, 493 80, 493 801, 609 105, 940 113, 229 1133, 457 164, 526 161, 229 198, 581 2216, 456 234, 709 253, 190 253, 191 375, 026 37, 290 0 0 0 9, 302 0 0 0 0 627 0 0 0 0 0 0 0 0 422 0 0 0 0 0 0 0 0 0 0	#IDENIKG  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COST (WITHOUT)  \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809 \$8, 809	STREAM  5.8. 009  1. 490, 380  1. 789, 699  2. 083, 271  2. 432, 814  2. 819, 801  3. 183, 585  3. 575, 685  3. 575, 685  4. 441, 455  4. 441, 455  5. 916, 814  6. 444, 199  6. 882, 712  7. 527, 382  8. 512, 250  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  9, 139, 565  1. 495

