

Reference List

1. A.S. Kumarage, "Assessing public investment in the transport sector" Ministry of Finance and Planning, Colombo Sri Lanka 2000.
2. M.Y. Shahin "Payment managements for Air ports, roads and parking lots" Newyork Landon, 1994.
3. Road Development Authority, 1989 "Standard Specifications for Construction and Maintenance of Roads and Bridges".
4. Southern Provincial Road Development Authority 1996 "Project report, Southern Provincial Roads Improvement Project".
5. Christopher R. Bennett "Guidelines on data collection and calibration of the HDM model" Auckland , Newziland , July 1998.
6. Road Development Authority 2005 "Project appraisal report, Road sector assistant project".
7. Ministry of Local Government and Provincial Councils 2007 Project report, "Road project preparation facility".
8. Road Development Authority , 2007 "National Road Master Plan".
9. Road Development Authority, 2010 "Feasibility study report –thihagoda kotapola road improvement"

Road Name	Road No.	No of GN divisions	Likely beneficiary population	Urban centers - No.	Schools - No.	Hospitals - No.	Religious centers No	Factories - No	Open Markets-fair - (Pola) - No	Institutes - No	irrigation schemes No.	Total No.	Road Length - km	average score
Welgama-Panchaliya	SPWEC081	11	13200	1	1	1	3	1	1	5	2	13226	7.7	1717.66
Bovitiyamulla-Thalawa	SPTHC071	4	4800	0	0	0	2	1	0	0	0	4807	2.9	1657.59
Kirineliya Radampola	SPWED125	3	3600	0	2	1	1	0	0	0	0	3607	2.2	1639.55
Niluwa-Tharaperiya	SPTAD167	5	6000	1	0	1	2	0	0	0	0	6009	3.8	1581.32
Ampegama-Aluthwala	SPELC013	4	4800	2	1	0	0	0	0	3	0	4810	3.2	1503.13
Welewatta Navimana Kekandura	SPWEC108	5	6000	2	1	1	1	0	0	2	0	6012	4	1503.00
Eramudugaha-Heenatigala	SPBAC045	7	8400	2	1	0	2	0	0	7	0	8419	5.7	1477.02
Kotawila-Kirimetimulla	SPWEC091	9	10800	2	2	2	0	0	0	1	0	10816	7.5	1442.13
Kirinda-Walakanda	SPMAD129	6	7200	0	0	1	0	0	0	2	0	7209	5.3	1360.19
Kongala-Narawelpita	SPMAD142	3	3600	0	0	1	0	1	0	2	0	3607	2.8	1288.21
Meetiagoda Ampegama	SPELD033	5	6000	0	1	1	2	0	0	3	0	6012	5	1202.40

Annexure 2 : Multi-Criteria Analysis

Province and road	Weights...										km	Fincl Cost RsM
	Scores				Total	Rank		Select (A)				
	Econ-omic	Social 25m	Social DS	Total		Econ-omic	Total					
	70%	20%	10%	100%								
Southern Province												
SPBAC041	10.0	5.2	2.1	8.3	1	1	1	1	3.2	108.0		
SPTID191	10.0	3.8	0.0	7.8	1	2	1	1	8.2	200.1		
SPTID203	10.0	1.8	0.3	7.4	1	3	1	1	8.7	192.6		
SPTIC163	10.0	0.5	0.1	7.1	1	4	1	1	30.3	571.9		
SPTHD083	9.5	2.0	0.5	7.1	5	5	1	1	8.2	50.3		
SPELC013	7.3	8.1	1.7	6.9	7	6	1	1	2.0	56.1		
SPMAC134	7.6	3.2	0.6	6.0	6	7	1	1	8.0	232.8		
SPWEC081	5.5	9.4	2.6	6.0	8	8	1	1	7.9	193.9		
SPTH071	4.9	9.0	0.5	5.3	11	9	1	1	7.0	78.9		
SPMAD140	5.5	5.0	1.3	5.0	9	10	1	1	4.7	94.8		
SPWEC108	3.7	8.1	4.0	4.6	15	11	1	1	6.1	233.1		
SPBAC045	3.6	7.9	2.1	4.3	16	12	1	1	5.2	216.7		
SPTAC175	5.0	3.0	0.7	4.2	10	13	1	1	11.8	160.6		
SPELD033	3.8	6.1	1.9	4.1	14	14	1	1	5.0	143.3		
SPTID176	3.8	5.0	0.4	3.7	13	15	1	1	11.8	157.4		
SPTH076	4.1	2.6	0.3	3.4	12	16	1	1	15.2	326.0		
SPBAC057	2.2	6.1	2.4	3.0	17	17	1	1	4.2	78.1		
SPWED125	1.1	8.9	2.1	2.8	23	18	1	1	2.6	47.2		
SPMAC132	2.2	3.3	1.3	2.3	18	19	1	1	4.9	88.0		
SPWEC091	0.7	7.7	2.6	2.3	25	20	1	1	7.8	263.6		

Province and road	Scores				Total	Rank		Select (A)	km	Fincl Cost RsM
	Econ-omic	Social 25m	Social DS	Total		Econ-omic	Total			
	70%	20%	10%	100%						
Weights....										
Southern Province										
SPBAC047	1.5	4.8	2.4	2.2	20	21	1	4.4	193.2	
SPTAD167	0.5	8.6	1.0	2.1	26	22	1	4.8	95.2	
SPMAD129	0.4	7.1	1.0	1.8	27	23	1	6.7	111.0	
SPWEC114	0.8	5.2	1.2	1.7	24	24	1	5.7	95.4	
SPMAC141	1.3	2.6	0.8	1.5	21	25	1	6.9	181.5	
SPTIC165	1.9	0.5	0.0	1.4	19	26	1	9.0	157.0	
SPTHC075	1.2	1.0	0.3	1.1	22	27	1	7.0	78.9	
SPMAD142	-0.7	6.7	1.3	1.0	30	28				
SPWEC095	-0.2	4.2	1.8	0.9	29	29				
SPWEC120	-1.0	6.1	1.3	0.6	32	30				
SPMAD160	-0.7	4.6	0.8	0.5	31	31				
SPTAD168	0.1	1.7	0.8	0.5	28	32	1	7.0	78.9	
SPWED136	-1.6	5.1	1.3	0.0	34	33				
SPWED102	-1.4	3.1	1.8	-0.2	33	34				
(A) Criterion for selection: minimum economic score.....	0.0							214.2	4,484.7	