

Table A3-16 Scale of Rehabilitation and Improvement Works

No.	Reg.	NIS Name	FUSA (ha) (4)	Estimated Rehabilitation and Improvement Cost					Total (Pesos) (9)	Unit Cost (P/ha) (10)	Nat'l Ave. RI Cost/year (P/ha/year) (11)	RI Period (10/11) (year) (12)	0		
				Dam (Pesos) (5)	Pump Station (Pesos) (6)	Canal (Pesos) (7)	Canal Str. (Pesos) (8)	1.5x Average					medium	0 small <Average/2	
1	CAR	Upper Chico	15,258	32,728,490		5,299,038	48,877,000	86,904,528	5,696	713	8.0				
2		Hapid	2,800					0	0	713	0.0				
3		West Apayao Abulog	4,564					0	0	713	0.0				
4	I	Bonga PIS-1	170					0	0	713	0.0				
5		Bonga PIS-2	545		550	1,552,501	249,000	1,802,051	3,307	713	4.6				
6		Bonga PIS-3	157				83,000	83,000	529	713	0.7				
7		Laoag Vintar	2,286	12,500,000		15,029,703	16,782,000	44,311,703	19,384	713	27.2				
8		Ninc Pasuquin	630	1,460,000		192,780	4,797,000	6,449,780	10,238	713	14.4				
9		Dingras	1,004	0		0	222,000	222,000	221	713	0.3				
10		Bolo	364	87,000			5,343,000	5,430,000	14,918	713	20.9				
11		Cura	550	4,092,200		4,794,877	7,274,000	16,161,077	29,384	713	41.2				
12		Nueva Era	386	28,980		4,551,378	3,613,000	8,193,358	21,226	713	29.8				
13		Madongan Area	2,933	59,407,252		104,321,841	24,056,000	187,785,092	64,023	713	89.8				
14		Solsona Area	1,340	61,714,350		4,638,823	4,264,000	70,617,173	52,699	713	73.9				
15		Labugan Area	1,470	58,873,325		3,855,455	5,063,000	67,791,780	46,117	713	64.7				
16		Papa Area	2,337	64,634,190		23,349,939	0	87,984,129	37,648	713	52.8				
17		Sta. Maria-Burgos	914	35,870		0	2,514,000	2,549,870	2,790	713	3.9				
18		Sta. Lucia-Candon	1,555	0		0	4,174,000	4,174,000	2,684	713	3.8				
19		Tagudin	1,313	0				0	0	713	0.0				
20		Amburayan	3,289	1,364,970		62,799	8,276,000	9,703,769	2,950	713	4.1				
21		Ambayasan	3,945	44,739,740		576,790	31,741,000	77,057,530	19,533	713	27.4				
22		Ambayasan-Extension	100					0	0	713	0.0				
23		Dipalo	2,002	44,585,000		12,981,484	4,994,000	62,560,484	31,249	713	43.8				
24		Masalip	1,548	7,886,600		11,888,585	8,782,000	28,557,185	18,448	713	25.9				
25		Lower Agno	4,134	1,554,270		1,374,000		2,928,270	708	713	1.0				
26		San Fabian	2,026	0				0	0	713	0.0				
27		Dumulooc	1,232	8,853,600		2,291,040	1,066,000	12,210,640	9,911	713	13.9				
28		Agno	9,467	68,160,000		2,318,012		70,478,012	7,445	713	10.4				
29		Simolacan	2,570	0		0		0	0	713	0.0				
30	II	Visitacion	1,400					0	0	713	0.0				
31		Baua	1,867			4,482,462	12,252,000	16,734,462	8,963	713	12.6				
32		Banburur Creek	1,087	8,336,610		17,737,866	7,476,000	33,550,476	30,863	713	43.3				
33		Magapit PIS	10,046			363,589		363,589	36	713	0.1				
34		Apayao-Abulog	8,175	49,760		8,433,810	64,519,000	73,002,570	8,930	713	12.5				
35		Pamplona	2,314					0	0	713	0.0				
36		Dummun	1,502				59,500,000	59,500,000	39,614	713	55.6				
37		Zinundungan	2,045	4,178,100		6,092	59,500,000	63,684,192	31,141	713	43.7				
38		Baggao	2,467	12,987,674		0	0	12,987,674	5,263	713	7.4				
39		Iguig-Alcala-Amulung PIS	1,974			0	0	0	0	713	0.0				
40		Lower Chico	1,404			6,597,265	4,478,000	11,075,265	7,888	713	11.1				
41		Solana PIS	2,777			0		0	0	713	0.0				
42		Pinacanaan	880			25,798,018	83,000	25,881,018	29,410	713	41.2				
43		San Pablo Cabagan	1,365			644,725	0	644,725	472	713	0.7				
44		Turauini	3,020			6,263,640	3,638,000	9,901,640	3,279	713	4.6				
45		Mallig	2,419	0		0	444,000	444,000	184	713	0.3				
46		Bagabag	2,010			16,199,755	6,534,000	22,733,755	11,310	713	15.9				
47	MRIIS	MRIIS Distric I	20,904	376,250		220,081,219		220,457,469	10,546	713	14.8				
48		MRIIS Distric II	22,676			3,196,999		3,196,999	141	713	0.2				
49		MRIIS Distric III	21,703	0	0	0	1,660,000	1,660,000	76	713	0.1				
50		MRIIS Distric IV	19,512		47,030	8,022,582		8,069,612	414	713	0.6				
51	III	Nayon	1,835					0	0	713	0.0				
52		Bayto						0	0	713	0.0				
53		Camiling	8,229	55,713,100		2,005,805	49,052,000	106,778,905	12,973	713	18.7				
54		Tarlac	4,500	0		83,499,015		83,499,015	18,555	713	26.0				
55		San Miguel						0	18,555	713	26.0				
56		Bucaco	2,144	0				0	0	713	0.0				
57		NEPIS	403					0	0	713	0.0				
58		Pampanga Dalta	9,303					0	0	713	0.0				
59		Porac	1,668	0		0	9,960,000	9,960,000	5,971	713	8.4				
60		Gumain	1,997	45,478,070		135,346	4,980,000	50,593,416	25,335	713	35.5				
61		Colo	863					0	0	713	0.0				
62		Caulaman						0	0	713	0.0				
63		Angat	26,791	476,800,000		122,056,018	70,882,000	669,738,018	24,999	713	35.1				
64		Maasin	3,457	14,696,500	0	0	0	14,696,500	4,251	713	6.0				
65		Disalit Creek	485	0		0	0	0	0	713	0.0				
66	UPRIIS	UPRIIS Distric I	20,700			0	388,000	388,000	19	713	0.0				
67		UPRIIS Distric II	22,302	0		0	0	0	0	713	0.0				
68		UPRIIS Distric III	24,449	132,114		3,010		135,124	246	713	0.3				
69		UPRIIS Distric III (Vac)		5,886,000		0		5,886,000	246	713	0.3				
70		UPRIIS Distric IV	21,293	19,971,320		1,943,294		21,914,614	1,029	713	1.4				
71	IV	Molino	8,490					0	0	713	0.0				
72		Embarcadero-Balutot						0	0	713	0.0				
73		Laksubin-Makuling						0	0	713	0.0				
74		Pasong Kastila-Julian						0	0	713	0.0				
75		Bankud						0	0	713	0.0				
76		Butas Marcelo						0	0	713	0.0				
77		Plucena-Bayan						0	0	713	0.0				
78		Butas-Lawang Bato						0	0	713	0.0				
79		Navarro						0	0	713	0.0				
80		Matanda						0	0	713	0.0				
81		Balayungan						0	0	713	0.0				
82		Tres Cruces						0	0	713	0.0				
83		San Agustin-Pasong Buaya						0	0	713	0.0				
84		Culong-Culong						0	0	713	0.0				
85		Sahing						0	0	713	0.0				
86		Agos	1,232			674,645		674,645	548	713	0.8				
87		Palico	835	0		0		0	0	713	0.0				
88		Cabuyao PIS	549	50,380,000		35,092		50,415,092	91,831	713	128.8				
89		San Cristobal	414	19,172,070		34,958		19,227,028	46,442	713	65.1				
90		Diezmo PIS	693	1,562,920		59,240		1,622,160	2,341	713	3.3				
91		Macabing	679	3,125,840	15,170	44,980		3,183,990	4,692	713	6.6				
92		San Juan	552	1,562,920		53,060		1,615,980	2,927	713	4.1				
93		Sta. Maria	1,349	0		1,857,600		1,857,600	1,377	713	1.9				
94		Mayor						0	1,377	713	1.9				
95		Dambo PIS						0	1,377	713	1.9				

No.	Reg.	NIS Name	FUSA (ha)	Estimated Rehabilitation and Improvement Cost						Natl Ave. RI Cost/year (P/ha/year)	RI Period (10)/(11) (year)	0 Large 1.5x Average	medium	0 small <Average/2
				Dam (Pesos) (5)	Pump Station (Pesos) (6)	Canal (Pesos) (7)	Canal Str. (Pesos) (8)	Total (Pesos) (9)	Unit Cost (P/ha) (10)					
106		Mag-Asawang Tubig	668	481,280		0		481,280	720	713	1.0			
107		Amnay-Patric	1,628					0	0	713	0.0			
108		Mongpong						0	0	713	0.0			
109		Pula	3,830					0	0	713	0.0			
110		Bansud				0		0	0	713	0.0			
111		Lumintao	1,021			4,184,560		4,184,560	4,098	713	5.7			
112		Cagursay	1,990	0				0	0	713	0.0			
113		Cantingas	284			0		0	0	713	0.0			
114		Batang-Batang	3,062	0		39,195	2,770,000	2,809,195	917	713	1.3			
115		Malatgao	3,014	0		32,328,594	11,548,000	43,876,594	14,558	713	20.4			
116	V	Daet Talisay	2,603			0		0	0	713	0.0			
117		Malogdon	300	0		96,889		96,889	323	713	0.5			
118		Libnanan Cabusao PIS	2,076					0	0	713	0.0			
119		Tigman-Hinagyanan	3,542	0		199,095		199,095	72	713	0.1			
120		Inariban				55,797		55,797	72	713	0.1			
121		Cagaysay	1,577	0		94,349		94,349	60	713	0.1			
122		Bari	5,738					0	0	713	0.0			
123		Rida						0	0	713	0.0			
124		Buhi-Lalo						0	0	713	0.0			
125		Mahaba	1,946			1,710,903		1,710,903	939	713	1.3			
126		Nasisi		0		0		0	939	713	1.3			
127		Ogong		58,200				58,200	939	713	1.3			
128		Hibiga		0		57,634		57,634	939	713	1.3			
129		San Francisco	950			63,809		63,809	4,768	713	6.7			
130		San Ramon		0		4,465,771		4,465,771	4,768	713	6.7			
131	VI	Aklan	3,891	47,362,264		74,233,758	23,056,000	144,652,022	37,176	713	52.1			
132		Panukuyan	504	13,100		14,852,880	21,362,000	36,227,980	71,881	713	100.8			
133		Sibalom-San Jose	3,969	0		32,891,038	14,442,000	47,333,038	11,926	713	16.7			
134		Mambusao	1,420	0		1,631,527	444,000	2,075,527	1,462	713	2.0			
135		Jalaur-Proper	8,208	24,855,280	689,880	0	0	25,545,160	3,112	713	4.4			
136		Jalaur- Extension	2,144	24,855,280	0	0	3,228,000	28,083,280	13,099	713	18.4			
137		Suangue	2,453	24,875,000			5,028,000	29,903,000	12,190	713	17.1			
138		Sibalom-Tigbuan	2,019	16,653,808		1,691,534	18,607,000	36,952,342	18,302	713	25.7			
139		Aganan	4,467	44,100,000		502,340	1,782,000	46,384,340	10,384	713	14.6			
140		Sta. Barbara	3,062	20,506,250		244,902	24,903,000	45,654,152	14,910	713	20.9			
141		Barotac Viejo	1,700	0		38,566	14,062,000	14,100,566	8,294	713	11.6			
142		Bago	13,277	0		81,758,454	26,798,000	108,556,454	8,176	713	11.5			
143		Pangiplan	1,168	4,269,340		6,608,251	0	10,877,591	9,313	713	13.1			
144	VII	Bohol	4,973	0				0	0	713	0.0			
145		Capeyas	539					0	0	713	0.0			
146	VIII	Mainit	2,161	0		23,070	6,227,000	6,250,070	2,892	713	4.1			
147		Pongso	780	416,000		0	3,198,000	3,614,000	4,633	713	6.5			
148		Bao	2,185	0		110,357	11,066,000	11,176,357	5,115	713	7.2			
149		Binasaan North	1,934	0		0		0	0	713	0.0			
150		Binasaan South	1,410	0		0		0	0	713	0.0			
151		Lower Binasaan	1,200	0		0		0	0	713	0.0			
152		Tibak	1,630	0		3,505,351		3,505,351	2,151	713	3.0			
153		Daguitan	916	0		0	0	0	0	713	0.0			
154		Cumarona	646	0		0	0	0	0	713	0.0			
155		Baire North	300	63,596,440		17,963,655	1,765,000	83,325,095	277,750	713	389.6			
156		Baire South	396	63,265,430		13,146,656	2,831,000	79,248,086	200,109	713	280.7			
157		Ibawon	281	4,157,694		12,995,075	3,974,000	21,126,769	75,184	713	105.4			
158		Gibuya	738	157,860		24,230,688	977,000	25,365,348	34,971	713	48.2			
159		Bito	1,602	0		2,002,415		2,002,415	1,250	713	1.8			
160		Hindang-Hilongos	720	0		0	498,000	498,000	692	713	1.0			
161		Das-Ay	396	3,300		0	782,000	785,300	1,983	713	2.8			
162	IX	Sibuguey Valley	2,642	0		0	166,000	166,000	63	713	0.1			
163		Dipolo	1,571	44,100,000		16,216	166,000	44,282,216	28,187	713	39.5			
164		Salug	6,485	0		0	83,000	83,000	13	713	0.0			
165		Labangan	2,720	16,400		207,101	5,561,000	5,784,501	2,127	713	3.0			
166	X	Bubunawan	380					0	0	713	0.0			
167		Manupali	1,554	44,100,000		168,416	249,000	44,517,416	28,647	713	40.2			
168		Pulangui	10,557	0		0	166,000	166,000	16	713	0.0			
169		Roxas-Kuya	806	0		0	0	0	0	713	0.0			
170		Muleta	1,610	0		792,315	0	792,315	492	713	0.7			
171		Rugman	2,500	0				0	0	713	0.0			
172		Maranding	4,808	0		113,480		113,480	24	713	0.0			
173	XI	Lupon	2,450	44,113,100		0		44,113,100	18,005	713	25.3			
174		Batutu	2,700	0		521,808	13,351,000	13,872,808	5,138	713	7.2			
175		Saug	4,177	0		315,223	83,000	398,223	95	713	0.1			
176		Libuganon-Left	708	0				0	0	713	0.0			
177		Lasang	4,726	44,985,050		553,885		45,538,935	9,636	713	13.5			
178		Libuganon-Right	7,031	29,310,190		1,765,728	12,782,000	43,857,918	6,238	713	8.7			
179		Kipaliku	2,344	23,505,660		52,743		23,558,403	10,051	713	14.1			
180		Mal	2,635	11,684,850		4,484,040	5,710,000	21,878,890	8,303	713	11.6			
181		Padada	2,519	0			4,797,000	4,797,000	1,904	713	2.7			
182	XII	Alip	3,101	46,899,620		331,543	782,000	48,013,163	15,483	713	21.7			
183		Talayon	700	0				0	0	713	0.0			
184		Maridagao	5,562	0				0	0	713	0.0			
185		Libungan	9,168	78,561,040		291,502	5,229,000	84,081,542	9,171	713	12.9			
186		Kabunan	8,983					0	0	713	0.0			
187		Kabacan	4,423	2,774,640		0		2,774,640	627	713	0.9			
188		Pagalungan	703					0	0	713	0.0			
189		Mlang	3,177	0		0		0	0	713	0.0			
190		Malasia	4,013	13,573,560				13,573,560	3,382	713	4.7			
191		Lambayong	11,343	44,100,000		1,977,149	0	46,077,149	4,062	713	5.7			
192		Tacurong (Dumaguil)	1,762	44,113,100		159,863	4,316,000	48,588,963	27,576	713	38.7			
193		Allah-1	4,751	1,400,420		198,520		1,598,940	337	713	0.5			
194		Allah-2	7,296	0		1,164,363		1,164,363	160	713	0.2			
195		Banga	2,554	0		38,894,400	0	38,894,400	15,229	713	21.4			
196		Marbel-1	1,856	13,100		8,786,200	664,000	9,463,300	5,099	713	7.2			
197		Marbel-2	1,676	27,027,260		31,002,679	5,273,000	63,302,939	37,770	713	53.0			
198		Siluy	780	388,000		0		388,000	497	713	0.7			
199		Buayan	680	44,100,000		625	249,000	44,349,625	65,220	713	91.5			
200	XIII	Cabadbaran-Teguibo	2,500	7,138,258		214,630	1,446,000	8,798,888	3,520	713	4.9			
201		Cantillan	1,825	540,120		114,882	533,000	1,188,002	651	713	0.9			
202		Tago	3,716	0		115,583	747,000	862,583	232	713	0.3			
203		Andanan	3,500	0		7,706,352	23,406,000	31,112,352	8,889	713	12.5			
204		Gibong	1,723	169,700		0		169,700	98	713	0.1			
205		Simulao	2,540	0		23,530,420		23,530,420	9,264	713	13.0			
		Total	637,473	2,265,172,748	752,630	1,191,226,680	825,609,000	4,282,761,058	6,718	713	9.4			

