

ILOCOS SUR (12)

Total Length of Surveyed Roads by Surface Type/Condition/Carrigeaway Width(W)

Province : Ilocos Sur

Surface Type	Surface Condition	National Road		Provincial Road		Total	
		W<6.0m	W>6.0m	W<6.0m	W>6.0m	W<6.0m	W>6.0m
Concrete	Good	2.7	47.3	-	-	2.7	47.3
	Fair	-	0.5	-	-	-	0.5
	Bad	-	-	-	-	-	-
	Very Bad	-	-	-	-	-	-
	Total	2.7	47.8	-	-	2.7	47.8
Asphalt	Good	0.2	93.1	-	-	0.2	93.1
	Fair	2.7	14.0	-	-	2.7	14.0
	Bad	1.1	4.7	-	-	1.1	4.7
	Very Bad	1.7	1.7	-	-	1.7	1.7
	Total	5.8	111.6	-	-	5.8	111.6
Gravel	Good	-	-	-	-	-	-
	Fair	6.0	10.7	-	-	6.0	10.7
	Bad	109.6	7.3	25.0	-	134.6	7.3
	Very Bad	1.7	1.7	10.0	-	11.7	1.7
	Total	117.3	18.1	35.0	-	152.3	18.1
Earth	Good	-	-	-	-	-	-
	Fair	-	-	-	-	-	-
	Bad	2.0	2.0	-	-	2.0	2.0
	Very Bad	6.2	6.2	0.3	-	6.5	6.5
	Total	8.3	8.3	0.3	-	8.6	8.6
	Impassable	39.1	-	4.7	-	43.8	-
Total	Good	2.9	140.2	-	-	2.9	140.2
	Fair	8.7	25.2	-	-	8.7	25.2
	Bad	112.8	12.0	25.0	-	137.8	12.0
	Very Bad	9.6	9.6	10.3	-	19.9	19.9
	Impassable	39.1	-	4.7	-	43.8	-
	Total	173.2	177.4	40.0	-	213.2	177.4
	Total	39.1	39.1	4.7	4.7	43.8	43.8
	Total	2.9	143.1	-	-	2.9	143.1
	Fair	8.7	34.0	-	-	8.7	34.0
	Bad	112.8	124.8	25.0	25.0	137.8	149.8
	Very Bad	9.6	9.6	10.3	10.3	19.9	19.9
	Impassable	39.1	39.1	4.7	4.7	43.8	43.8
	Total	173.2	350.6	40.0	40.0	213.2	390.6

Province : Ilocos Sur
Road Class : National

Road Number : 12-12
Road Name : Manila North Road
Length : 131.687 km (From 313.033 km to 444.720 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/sidek		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
12-12A	1	3.051	313.033	316.084	Rolling	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	2	0.462	316.084	316.546	Flat	Concrete	6.70	Gravel	2.00	-	-	-	Field
	3	0.555	316.546	317.101	Flat	Concrete	6.70	Concrete	1.00	-	-	-	Field
	4	2.865	317.101	319.966	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	5	0.462	319.966	320.428	Flat	Concrete	6.70	Gravel	2.00	-	-	-	Field
	6	0.277	320.428	320.705	Flat	Concrete	6.70	Gravel	1.50	-	-	-	Field
12-12B	1	0.244	320.705	320.949	Flat	Concrete	6.70	Gravel	1.50	-	-	-	Field
	2	7.661	320.949	328.610	Flat	Asphalt	6.70	Gravel	2.00	-	-	-	Field
	3	2.342	328.610	330.952	Flat	Asphalt	6.70	Gravel	2.50	-	-	-	Field
	4	3.904	330.952	334.856	Flat	Asphalt	6.70	Gravel	2.00	-	-	-	Field
	5	1.074	334.856	335.930	Flat	Concrete	6.70	Gravel	2.00	-	-	-	Field
	6	1.659	335.930	337.589	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	7	0.586	337.589	338.175	Flat	Asphalt	6.70	Concrete	1.50	-	-	-	Field
12-12C	1	0.281	338.175	338.456	Flat	Asphalt	6.70	Asphalt	1.50	-	-	-	Field
	2	5.344	338.456	343.800	Flat	Asphalt	6.70	Gravel	2.00	-	-	-	Field
	3	0.938	343.800	344.738	Flat	Concrete	6.70	Gravel	2.00	-	-	-	Field
	4	0.844	344.738	345.582	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	5	0.188	345.582	345.770	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	6	1.100	345.770	346.870	Flat	Asphalt	6.70	Asphalt	1.50	-	-	-	Field
	7	1.000	346.870	347.870	Flat	Concrete	6.70	Gravel	1.50	-	-	-	Field
12-12D	2	3.920	347.870	351.790	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	3	2.236	351.790	354.026	Flat	Asphalt	6.70	Gravel	1.00	-	-	-	Field
	4	0.778	354.026	354.804	Rolling	Concrete	6.70	Gravel	2.00	-	-	-	Field
	5	2.237	354.804	357.041	Flat	Concrete	6.70	Gravel	2.00	-	-	-	Field
	6	0.583	357.041	357.624	Flat	Asphalt	6.70	Gravel	2.00	-	-	-	Field
	7	0.972	357.624	358.596	Flat	Concrete	6.70	Gravel	1.50	-	-	-	Field
	8	0.292	358.596	358.888	Flat	Asphalt	6.70	Gravel	1.00	-	-	-	Field
12-12E	9	3.403	358.888	362.291	Rolling	Concrete	6.70	Gravel	1.50	-	-	-	Field
	10	0.292	362.291	362.583	Flat	Asphalt	6.70	Asphalt	1.00	-	-	-	Field
	1	5.445	362.583	363.555	Flat	Concrete	6.70	Asphalt	1.00	-	-	-	Field
	2	0.856	363.555	369.000	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	3	1.606	369.000	369.856	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	4	0.856	369.856	371.462	Flat	Concrete	6.70	Gravel	1.50	-	-	-	Field
	5	1.392	371.462	372.318	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
12-12F	6	5.245	372.318	373.710	Flat	Concrete	6.70	Gravel	1.50	-	-	-	Field
	7	2.152	373.710	378.955	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	8	6.362	378.955	381.107	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	9	2.152	381.107	387.469	Rolling	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	10	5.239	387.469	389.621	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	11	1.216	389.621	394.860	Rolling	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	12	4.023	394.860	396.076	Rolling	Asphalt	6.70	Asphalt	1.00	-	-	-	Field
12-12G	1	2.994	396.076	400.099	Rolling	Concrete	6.70	Gravel	1.50	-	-	-	Field
	2	2.994	400.099	403.093	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	3	2.152	403.093	405.245	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	4	5.239	405.245	410.484	Rolling	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	5	1.216	410.484	411.700	Rolling	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	6	4.023	411.700	415.723	Rolling	Concrete	6.70	Gravel	1.50	-	-	-	Field
	7	2.994	415.723	418.717	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Road Data (Continued)

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidekw		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
12-126	8	2.713	403.093	405.806	Flat	Asphalt	6.70	Gravel	1.00	-	-	-	Field
	9	0.374	405.806	406.180	Flat	Asphalt	6.70	Asphalt	2.00	-	-	-	Field
12-12H	1	0.193	406.180	406.373	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	2	3.469	406.373	409.842	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	3	1.060	409.842	410.902	Flat	Asphalt	7.00	Asphalt	1.50	-	-	-	Field
	4	0.482	410.902	411.384	Flat	Concrete	7.00	Gravel	1.50	-	-	-	Field
	5	1.252	411.384	412.636	Flat	Concrete	7.00	Gravel	1.50	-	-	-	Field
	6	0.578	412.636	413.214	Flat	Concrete	6.70	Asphalt	1.00	-	-	-	Field
	7	3.276	413.214	416.490	Flat	Concrete	6.70	Gravel	2.00	-	-	-	Field
	8	1.252	416.490	417.742	Rolling	Concrete	6.70	Concrete	1.00	-	-	-	Field
	9	0.866	417.742	418.608	Flat	Concrete	6.70	Gravel	1.50	-	-	-	Field
	10	0.289	418.608	418.897	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	11	0.578	418.897	419.475	Flat	Concrete	6.70	Asphalt	1.00	-	-	-	Field
	12	0.289	419.475	419.764	Flat	Concrete	6.70	Concrete	1.50	-	-	-	Field
	13	4.143	419.764	423.907	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	14	0.578	423.907	424.485	Flat	Concrete	6.70	Gravel	1.00	-	-	-	Field
	15	1.397	424.485	425.882	Rolling	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	16	0.819	425.882	426.701	Flat	Concrete	6.70	Asphalt	1.00	-	-	-	Field
	17	4.625	426.701	431.326	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	18	0.289	431.326	431.615	Flat	Asphalt	6.70	Asphalt	1.50	-	-	-	Field
	19	1.060	431.615	432.675	Flat	Concrete	6.70	Asphalt	1.00	-	-	-	Field
	20	0.771	432.675	433.446	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	21	1.542	433.446	434.988	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	22	2.890	434.988	437.878	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	23	2.409	437.878	440.287	Flat	Asphalt	6.70	Gravel	1.00	-	-	-	Field
	24	0.964	440.287	441.251	Flat	Concrete	6.70	Asphalt	1.00	-	-	-	Field
	25	1.445	441.251	442.696	Flat	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	26	1.542	442.696	444.238	Rolling	Asphalt	6.70	Gravel	1.50	-	-	-	Field
	27	0.482	444.238	444.720	Rolling	Concrete	6.70	Gravel	2.00	-	-	-	Field

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Carri- Side		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Span Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MHL Side (m)	
12-12A	1	AMBURAYAN	313.318	Permanent	489.0	10x48.9	5.60	-	-	-	-	Field
	4	TALIAMEN 1	317.448	Permanent	17.4	1x17.4	6.70	0.40	-	-	-	Field
	4	TALIAMEN 2	317.961	Permanent	16.0	1x16.0	6.70	0.40	-	-	-	Field
	6	LIBTONG	320.592	Permanent	24.0	2x12.0	6.70	0.40	-	-	-	Field
12-12B	2	BORONO	321.607	Permanent	14.5	1x14.5	6.70	0.40	-	-	-	Field
	2	PARATONG/BEQUES	324.281	Permanent	7.0	1x7.0	6.70	0.40	-	-	-	Field

Bridge Data (Continued)

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- ageway Walk		Bridge Damage			Approach Damage		Survey Method
							Width (m)	Width (m)	Slab	Superst.	Subst.	MNL Side (m)	Opp. Side (m)	
12-12B	2	SEVILLA	324.968	Permanent	27.0	3x 9.0	7.00	0.50	-	-	-	-	-	Field
	2	NEW CASILAGAN	325.846	Permanent	6.0	1x 6.0	7.00	0.50	-	-	-	-	-	Field
	2	CAPARIA-AN	326.681	Permanent	7.0	1x 7.0	10.50	0.50	-	-	-	-	-	Field
	2	DILI	328.464	Permanent	72.0	6x12.0	6.70	0.40	-	-	-	-	-	Field
	3	BAYUGAO	330.748	Permanent	90.0	6x15.0	6.70	0.40	-	-	-	-	-	Field
	4	SAMAT 1	333.630	Permanent	36.0	4x 9.0	7.00	0.50	-	-	-	-	-	Field
	4	SAMAT 2	334.590	Permanent	7.0	1x 7.0	7.00	0.50	-	-	-	-	-	Field
	4	STA. CRUZ	334.816	Permanent	156.0	13x12.0	6.70	0.40	-	-	-	-	-	Field
	6	SAN JUAN 1	336.455	Permanent	7.0	1x 7.0	7.00	0.50	-	-	-	-	-	Field
	6	SAN JUAN 2	336.890	Permanent	6.0	1x 6.0	6.70	0.40	-	-	-	-	-	Field
	7	STA. LUCIA	337.774	Permanent	14.0	2x 7.0	7.50	0.50	-	-	-	-	-	Field
12-12C	2	CAVITE 1	338.745	Permanent	10.0	1x10.0	7.00	0.50	-	-	-	-	-	Field
	2	CAVITE 2	338.916	Permanent	16.5	1x16.5	7.00	0.50	-	-	-	-	-	Field
	4	MAGBAUDAN	345.052	Permanent	12.0	1x12.0	7.00	0.50	-	-	-	-	-	Field
	4	ALAMBIQUE	345.462	Permanent	20.0	2x10.0	7.00	0.50	-	-	-	-	-	Field
12-12D	3	TARLAC	349.030	Permanent	14.0	2x 7.0	7.00	0.50	-	-	-	-	-	Field
	3	LANGLANGCA 1	350.086	Permanent	14.0	2x 7.0	7.00	0.50	-	-	-	-	-	Field
	3	LANGLANGCA 2	350.934	Permanent	6.0	1x 6.0	6.70	0.40	-	-	-	-	-	Field
	3	BUCCONG 1	351.079	Permanent	43.7	2x15.0	6.00	0.40	-	-	-	-	-	Field
						1x13.7								
12-12E	1	BUCCONG 2	352.404	Permanent	7.0	1x 7.0	7.50	0.50	-	-	-	-	-	Field
	5	SANTIAGO	358.274	Permanent	7.5	1x 7.5	6.70	0.40	-	-	-	-	-	Field
	9	SAN ESTEBAN	362.850	Permanent	12.0	1x12.0	6.70	0.40	-	-	-	-	-	Field
12-12F	10	SUSO	366.546	Permanent	45.0	6x 7.5	6.70	0.40	-	-	-	-	-	Field
	3	STA. MARIA 1	371.611	Permanent	300.0	6x50.0	6.70	0.40	-	-	-	-	-	Field
	3	STA. MARIA 2	371.611	Permanent	50.0	1x50.0	6.00	0.40	-	-	-	-	-	Field
	5	SAN ANTONIO 1	373.757	Permanent	75.0	5x15.0	6.70	0.40	-	-	-	-	-	Field
	5	SAN ANTONIO 2	374.740	Permanent	26.0	1x24.0	6.70	0.40	-	-	-	-	-	Field
	5	TULAY	375.739	Permanent	13.9	1x13.9	6.70	0.40	-	-	-	-	-	Field
	5	QUINIRAYAN	378.000	Permanent	15.0	1x15.0	6.70	0.40	-	-	-	-	-	Field
	5	BANTAY 1	378.379	Permanent	15.0	1x15.0	6.70	0.40	-	-	-	-	-	Field
	5	BANTAY 2	378.355	Permanent	10.0	1x10.0	6.70	0.40	-	-	-	-	-	Field
12-12G	5	QUIRINO	395.397	Permanent	300.0	4x75.0	6.15	0.40	-	-	-	-	-	Field
	7	BULAG	401.765	Permanent	7.0	1x 7.0	7.00	0.50	-	-	-	-	-	Field
	7	SINABNAN	403.038	Permanent	21.0	3x 7.0	6.70	0.75	-	-	-	-	-	Field
12-12H	2	BAREBEC	409.602	Permanent	18.0	3x 6.0	7.50	0.50	-	-	-	-	-	Field
	3	GONGOGONG	410.673	Permanent	7.0	1x 7.0	7.00	0.50	-	-	-	-	-	Field
	3	BANTADAY	410.710	Permanent	18.0	1x18.0	7.50	0.75	-	-	-	-	-	Field
	8	BUSSANIT 1	416.520	Permanent	7.0	1x 7.0	7.20	0.75	-	-	-	-	-	Field
	8	BUSSANIT 2	416.975	Permanent	5.2	1x 5.2	7.20	0.75	-	-	-	-	-	Field
	8	BUSSANIT 3	417.035	Permanent	21.7	1x21.7	7.50	0.75	-	-	-	-	-	Field
	12	MAGSINGAL	419.575	Permanent	35.0	1x35.0	7.50	0.75	-	-	-	-	-	Field
	13	PARSUA	422.020	Permanent	36.0	4x 9.0	7.50	0.75	-	-	-	-	-	Field
	14	BICOL	424.200	Permanent	84.0	4x21.0	7.50	1.00	-	-	-	-	-	Field
	16	SAN JUAN	426.010	Permanent	56.0	8x 7.0	7.50	0.40	-	-	-	-	-	Field
	20	OSMENA	433.000	Permanent	161.0	23x 7.0	7.25	0.40	-	-	-	-	-	Field

Bridge Data (Continued)

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Span Width (m)	Carri- Side- ageway Width (m)	Bridge Damage			Approach Damage		Survey Method	
									Slab	Superst.	Subst.	MNL Side (m)	Opp. Side (m)		
12-12H	22	SAPILANG	437.300	Permanent	13.0	1x13.0	7.25	0.62	-	-	-	-	-	-	Field
	23	TEPPENG	438.133	Permanent	30.0	3x10.0	6.80	0.40	-	-	-	-	-	-	Field
	24	SINAIT 1	440.636	Permanent	9.0	1x 9.0	6.70	0.40	-	-	-	-	-	-	Field
	25	SINAIT 2	441.453	Permanent	31.0	2x15.5	6.70	0.40	-	-	-	-	-	-	Field

Province : Ilocos Sur Road Number : 12-21 Road Name : Tagudin-Cervantes Road
 Road Class : National Length : 59.000 km (From 320.705 km to 379.705 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carrigeaway		Shoulder/Sideak		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
			From	To		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
12-21A	1	1.151	320.705	321.856	Flat	Asphalt	5.00	Fair	Earth	1.00	-	-	Field
	2	0.515	321.856	322.371	Flat	Concrete	6.10	Good	Gravel	1.00	-	-	Field
	3	0.317	322.371	322.688	Flat	Asphalt	5.00	Fair	Gravel	1.00	-	-	Field
	4	0.238	322.688	322.926	Rolling	Asphalt	5.00	Good	Gravel	1.00	-	-	Field
	5	0.873	322.926	323.799	Rolling	Gravel	6.00	Fair	Gravel	1.00	100	CS 500	Field
	6	0.397	323.799	324.196	Mount's	Gravel	6.00	Bad	Gravel	1.50	-	-	Field
	7	0.953	324.196	325.149	Rolling	Concrete	6.10	U-const	Gravel	1.50	600	CS 300	Field
	8	0.317	325.149	325.466	Rolling	Gravel	7.00	Fair	Gravel	1.50	-	-	Field
	9	0.635	325.466	326.101	Rolling	Gravel	6.00	Bad	Gravel	1.50	-	-	Field
	10	0.714	326.101	326.815	Mount's	Gravel	6.00	Bad	Gravel	1.50	500	CS 100	Field
	11	1.746	326.815	328.561	Rolling	Gravel	6.00	Bad	Gravel	1.50	-	-	Field
	12	0.952	328.561	329.513	Rolling	Gravel	6.00	Bad	Gravel	1.50	-	-	Field
	13	0.456	329.513	329.969	Flat	Concrete	6.00	U-const	Gravel	1.00	952	CS 800 ES 100	Field
	14	0.357	329.969	330.306	Rolling	Concrete	6.00	Good	Gravel	0.50	-	-	Field
	15	0.794	330.306	331.100	Rolling	Gravel	5.00	Bad	Gravel	0.50	-	-	Field
12-21B	1	48.605	331.100	379.705	Mount's	Gravel	4.00	Bad	Gravel	0.50	CS 594	ES 400	Hearing

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Carri- Side- ageaway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Span Length (m)	Width (m)	Width (m)	Slab Width (m)	MHL Side (m)	Opp. Side (m)	
12-21A	8	CABUGAO	325.436	Permanent	15.0	1x15.0	6.70	0.40	-	-	-	Field
	9	LUPLUPA	325.663	Permanent	15.0	1x15.0	6.70	0.40	-	-	-	Field
	11	CAYAPA 1	327.795	Bailey	15.2	1x15.2	3.05	0.50	-	-	-	Field
	15	KIMPUSA 1	330.538	Permanent	42.6	2x21.3	7.20	0.50	-	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data (Continued)

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- ageaway walk		Bridge Damage		Approach Damage		Survey Method
							Width (m)	Width (m)	Slab Superst.	Subst. (m)	MHL Side (m)	Opp. Side (m)	
12-21B	15	KIMPUSA 2	330.855	Bailey	6.1	1x 6.1	3.05	-	-	-	-	-	Field
	1	URZADAN	333.341	Permanent	50.0	1x50.0	6.70	0.40	-	-	-	-	Field
	1	LIPAY	334.188	Bailey	9.1	1x 9.1	3.05	-	-	-	-	-	Hearing
	1	LISO	335.055	Bailey	12.2	1x12.2	3.05	-	-	-	-	-	Hearing
	1	SABANGAN	336.056	Permanent	10.0	1x10.0	6.70	0.40	-	-	-	-	Hearing
	1	DOCCOS	337.094	Bailey	12.2	1x12.2	3.05	-	-	-	-	-	Hearing
	1	QUINILADEN	338.637	Bailey	12.2	1x12.2	3.05	-	-	-	-	-	Hearing
	1	QUIBLONGAN	339.388	Bailey	15.2	1x15.2	3.05	-	-	-	-	-	Hearing
	1	COSCONONG	342.038	Bailey	6.1	1x 6.1	3.05	-	-	-	-	-	Hearing
	1	BUTAC	344.165	Bailey	48.8	1x48.8	3.05	-	-	-	-	-	Hearing
12-21B	1	BESSANG	362.053	Bailey	12.2	1x12.2	3.85	-	-	-	-	-	Hearing
	1	MALAYA	376.445	Permanent	48.8	1x48.8	6.00	0.30	-	-	-	-	Hearing
	1	SAN JUAN	377.057	Bailey	6.0	1x 6.0	3.05	-	-	-	-	-	Hearing
	1	TAMARANG	377.513	Bailey	6.0	1x 6.0	3.05	-	-	-	-	-	Hearing
	1	SALLUNGAN	377.665	Bailey	6.0	1x 6.0	3.05	-	-	-	-	-	Hearing

Province : Ilocos Sur
 Road Class : National

Road Number : 12-22 Road Name : Cervantes-Mankayan Road
 Length : 10.150 km (From 379.705 km to 389.855 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment Section		Disaster Potential Section		Survey Method
		From (km)	To (km)		Type	Width (m)	Type	Width (m)	Type (m)	Type (m)	Type (m)	Type (m)	
12-22	1	6.300	379.705-386.005	Mount's	Gravel	5.00	Bad	-	-	-	-	-	Hearing
	2	3.850	386.005-389.855	Mount's	Gravel	6.00	Bad	-	-	-	-	-	Hearing

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge		Span Length		Carri- Side- age-way walk		Bridge Damage		Approach Damage		Survey Method
			Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst. (m)	MNL Side (m)	Opp. Side (m)	Side (m)	
12-22	2 COMILLAS	386.109	Permanent	15.0	1x15.0	7.00	0.50	-	-	-	-	-	Hearing
	2 LIBEG	387.015	Permanent	30.0	3x10.0	8.00	0.50	-	-	-	-	-	Hearing

Province : Ilocos Sur
 Road Class : National

Road Number : 12-23 Road Name : Cervantes-Aluling-Bontoc Road
 Length : 7.140 km (From 379.705 km to 386.845 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carriageway		Shoulder/Sidealk		Substandard		Disaster Potential		Survey Method
		From (km)	To (km)		Type	Width (m)	Type	Width (m)	Alignment Section (m)	Type (m)	Type (m)		
12-23	1	379.705	385.605	Mount's	Gravel	5.00	Bad	-	-	-	-	-	Hearing
	2	385.605	386.845	Mount's	Gravel	4.00	Bad	-	-	-	-	-	Hearing

Province : Ilocos Sur
 Road Class : National

Road Number : 12-24 Road Name : Cervantes-Quirino Road
 Length : 26.421 km (From 379.705 km to 406.126 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidewalk		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
12-24	1	3.300	379.705	383.005	Mount's	Gravel	5.00	Bad					Bearing Hearings
	2	23.121	383.005	406.126	Mount's	Earth	1.00	Impass.					

Province : Ilocos Sur
Road Class : National

Road Number : 12-25
Length : 16.350 km (From 338.175 km to 354.525 km)

Road Name : Sta. Lucia-Salcedo Road

Road Data

Link section No.	Sub-section Length (km)	Station (km)		Terrain	Carriageway		Shoulder/SideWalk		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
		From	To		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
12-25	1	1.750	338.175-339.925	Flat	Concrete	6.00	U-const	Gravel	1.00	-	-	Field
	2	0.362	339.925-340.287	Flat	Gravel	5.00	Bad	-	-	-	-	Field
	3	1.207	340.287-341.494	Flat	Gravel	6.00	Fair	-	-	-	-	Field
	4	3.499	341.494-344.993	Flat	Gravel	5.00	Bad	-	-	-	-	Field
	5	2.412	344.993-347.405	Flat	Gravel	5.00	Fair	-	-	-	-	Field
	6	0.603	347.405-348.008	Flat	Gravel	3.00	Bad	-	-	-	-	Field
	7	1.750	348.008-349.758	Flat	Earth	3.00	Bad	-	-	-	-	Field
	8	1.026	349.758-350.784	Rolling	Gravel	3.00	Bad	-	-	-	-	Field
	9	0.483	350.784-351.267	Mount's	Gravel	4.00	Bad	-	-	-	-	Field
	10	0.724	351.267-351.991	Mount's	Gravel	4.00	Bad	-	-	-	-	Field
	11	0.603	351.991-352.594	Rolling	Gravel	4.00	Fair	-	-	ES	50	Field
	12	1.569	352.594-354.163	Rolling	Gravel	4.00	Bad	-	-	-	-	Field
	13	0.362	354.163-354.525	Flat	Gravel	6.00	Fair	-	-	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- ageWay walk		Bridge Damage		Approach Damage		Survey Method
						Width (m)	Width (m)	Slab	Superst.	MHL Side (m)	Opp. Side (m)	
12-25	1 BARANGUBONG	338.795	Permanent	6.0	1x 6.0	6.00	0.40	-	-	-	-	Field
	4 ALAMANTICAW	342.630	Permanent	11.0	1x11.0	6.00	0.40	-	-	-	-	Field
	6 SAN TIBURCIO	347.575	Bailey	9.0	1x 9.0	3.05	-	-	-	-	-	Field
	9 DAMPALIG	350.865	Permanent	6.0	1x 6.0	6.00	0.40	-	-	-	-	Field
	12 KALIWAKIIV	353.205	Timber	5.0	1x 5.0	5.00	-	-	-	-	-	Field
	12 SAN GASPAR 1	353.785	Timber	6.0	1x 6.0	3.00	-	-	-	-	-	Field
	12 SAN GASPAR 2	353.995	Timber	6.0	1x 6.0	3.00	-	Medium	Medium	-	-	Field

Province : Ilocos Sur
Road Class : National

Road Number : 12-26
Length : 36.960 km (From 345.770 km to 382.730 km)

Road Name : Candon-Galinayod-Salcedo-Del Pilar-Sigay Road
Length : 36.960 km (From 345.770 km to 382.730 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carriageway			Shoulder/Side-walk			Substandard Alignment			Disaster Potential Section	Survey Method
			From	To		Type	Width (m)	Condition	Type	Width (m)	Type	Width (m)	Type	Width (m)		
12-26A	1	0.399	345.770	346.169	Flat	Asphalt	5.00	Fair	Gravel	0.50	-	-	-	-	-	Field
	2	1.796	346.169	347.965	Flat	Asphalt	6.00	Bad	Gravel	1.00	-	-	-	-	-	Field
	3	0.798	347.965	348.763	Flat	Asphalt	6.00	Fair	Gravel	1.50	-	-	-	-	-	Field
	4	0.798	348.763	349.561	Rolling	Asphalt	6.00	Fair	Earth	1.00	-	-	-	-	-	Field
	5	0.898	349.561	350.459	Flat	Asphalt	6.00	Bad	Gravel	1.00	-	-	-	-	-	Field
	6	0.399	350.459	350.858	Flat	Concrete	6.00	Good	Earth	1.00	-	-	-	-	-	Field
	7	0.998	350.858	351.856	Flat	Concrete	6.00	Good	Gravel	1.00	-	-	-	-	-	Field
	8	2.095	351.856	353.951	Rolling	Concrete	6.00	Good	Gravel	1.00	-	-	-	-	-	Field
	9	0.798	353.951	354.749	Rolling	Concrete	6.00	Good	Gravel	1.00	-	-	-	-	-	Field
	10	0.998	354.749	355.747	Rolling	Concrete	7.00	Fair	Gravel	1.00	-	-	-	-	-	Field
	11	1.297	355.747	357.044	Flat	Gravel	7.00	Fair	Gravel	1.00	-	-	-	-	-	Field
	12	0.798	357.044	357.842	Flat	Gravel	6.00	Fair	Gravel	1.00	-	-	-	-	-	Field
	13	0.599	357.842	358.441	Rolling	Gravel	6.00	Fair	Gravel	1.00	-	-	-	-	-	Field
	14	0.299	358.441	358.740	Flat	Concrete	6.00	U-const	Gravel	1.00	-	-	-	-	-	Field
	15	0.200	358.740	358.940	Flat	Concrete	6.00	U-const	Gravel	1.00	-	-	-	-	-	Field
12-26B	1	0.250	358.940	359.190	Flat	Concrete	6.00	U-const	Gravel	1.00	-	-	-	-	-	Field
	2	0.450	359.190	359.640	Rolling	Concrete	4.00	Bad	Gravel	1.00	-	-	-	-	-	Field
	3	0.450	359.640	360.090	Rolling	Gravel	4.00	Bad	Gravel	1.00	-	-	-	-	-	Field
12-26C	4	12.140	360.090	372.230	Rolling	Gravel	3.00	Bad	Gravel	1.00	-	-	-	-	-	Hearing
	1	2.500	372.230	374.730	Mount'n's	Gravel	3.00	Bad	Gravel	1.00	-	-	-	-	-	Hearing
12-26D	2	8.000	374.730	382.730	Mount'n's	Earth	1.00	Impass.	Gravel	1.00	-	-	-	-	-	Hearing

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst.	Subst.	MNL Side	Opp. Side	
12-26A	4	RUBIO	348.837	Permanent	30.0	1x50.0	7.00	0.50	-	-	-	-	-	Field
	6	PATAC	350.526	Bailey	18.0	1x18.0	3.05	0.50	-	-	-	-	-	Field
	11	CALANGCUASAN	356.085	Permanent	16.0	1x16.0	7.00	0.50	-	-	-	-	-	Field
12-26B	11	VICTORY	356.817	Bailey	15.0	1x15.0	3.05	0.50	-	-	-	-	-	Field
	2	BRIDGE 1	359.467	Permanent	6.0	1x 6.0	7.00	0.50	-	-	-	-	-	Field

Province : Ilocos Sur Road Number : 12-27 Road Name : Santiago-Banayoyo-Lidlidda-San Emilio Road
 Road Class : National Length : 39,510 km (From 351.790 km to 391.300 km)

Road Data

Link section No.	Sub-section No.	Sub-section Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Sidek		Alignment Section (m)	Disaster Potential Section		Survey Method
			From	To		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
12-27A	1	1.621	351.790	353.411	Flat	Concrete	6.00	U-const	Gravel	1.00	-	-	Field
	2	1.144	353.411	354.555	Flat	Asphalt	5.00	Bad	Gravel	0.50	-	-	Field
	3	0.763	354.555	355.318	Flat	Asphalt	6.00	Bad	Gravel	1.00	-	-	Field
	4	0.763	355.318	356.081	Flat	Asphalt	5.00	V.Bad	Gravel	0.50	-	-	Field
	5	0.858	356.081	356.939	Rolling	Asphalt	5.00	Fair	Earth	0.50	-	-	Field
	6	0.381	356.939	357.320	Flat	Concrete	5.00	Good	Earth	0.50	-	-	Field
	7	1.144	357.320	358.464	Mount's	Concrete	5.00	Good	Earth	0.30	-	-	Field
	8	1.049	358.464	359.513	Mount's	Earth	5.00	V.Bad	-	-	-	-	Field
	9	0.953	359.513	360.466	Rolling	Earth	5.00	V.Bad	-	-	-	-	Field
	10	0.858	360.466	361.324	Rolling	Concrete	5.00	U-const	Gravel	1.00	-	-	Field
	11	1.049	361.324	362.373	Rolling	Earth	4.00	V.Bad	-	-	-	-	Field
	12	0.286	362.373	362.659	Flat	Concrete	5.00	Good	Gravel	1.00	-	-	Field
	13	0.286	362.659	362.945	Flat	Gravel	4.00	Bad	-	-	-	-	Field
	14	0.191	362.945	363.136	Flat	Earth	4.00	V.Bad	-	-	-	-	Field
	15	0.477	363.136	363.613	Flat	Earth	3.00	V.Bad	-	-	-	-	Field
	16	1.715	363.613	365.328	Flat	Earth	3.00	V.Bad	-	-	-	-	Field
12-27B	1	17.672	365.328	383.000	Mount's	Gravel	5.00	Bad	-	-	-	-	Hearing
12-27C	1	8.000	383.000	391.000	Mount's	Earth	1.00	Impass.	-	-	-	-	Hearing
	2	0.300	391.000	391.300	Mount's	Earth	4.00	Bad	-	-	-	-	Hearing

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst.	Subst.	MNL Side (m)	Opp. Side (m)	
12-27A	1	BRIDGE 1	351.863	Permanent	16.0	1x16.0	6.00	0.35	-	-	-	-	-	Field
	1	CABURAO 1	352.063	Permanent	9.0	1x 9.0	6.00	0.35	-	-	-	-	-	Field
	1	CABURAO 2	352.317	Permanent	9.0	1x 9.0	6.00	0.35	-	-	-	-	-	Field
	1	CABURAO 3	352.435	Permanent	56.0	2x28.0	6.00	0.35	-	-	-	-	-	Field
	1	POB. NORTE	353.062	Permanent	40.0	4x10.0	6.00	0.35	-	-	-	-	-	Field
	7	ELEFANTE	358.344	Permanent	24.0	2x12.0	6.00	0.35	-	-	-	-	-	Field

Province : Ilocos Sur
Road Class : National

Road Number : 12-28 Road Name : Sta. Maria-Burgos Road
Length : 15.200 km (From 369.000 km to 384.200 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidealk		Substandard Alignment		Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)	
12-28	1	0.716	369.000	369.716	Flat	Gravel	6.00	Fair	Concrete	1.00	-	-	-	Field
	2	1.193	369.716	370.909	Flat	Asphalt	6.00	Bad	Gravel	0.50	-	-	-	Field
	3	1.074	370.909	371.983	Flat	Asphalt	6.00	Fair	Gravel	0.50	-	-	-	Field
	4	1.074	371.983	373.057	Flat	Concrete	6.00	Good	Gravel	1.00	-	-	-	Field
	5	0.597	373.057	373.654	Flat	Gravel	6.00	Fair	-	-	-	-	-	Field
	6	0.955	373.654	374.609	Flat	Asphalt	5.00	V.Bad	Gravel	1.00	-	-	-	Field
	7	0.358	374.609	374.967	Flat	Concrete	6.00	Good	Concrete	1.00	-	-	-	Field
	8	2.983	374.967	377.950	Flat	Gravel	6.00	Fair	-	-	-	-	-	Field
	9	0.391	377.950	378.341	Rolling	Gravel	5.00	Bad	-	-	-	-	-	Field
	10	0.780	378.341	379.121	Flat	Earth	3.00	V.Bad	-	-	-	-	-	Field
	11	2.995	379.121	382.116	Flat	Gravel	4.00	Fair	-	-	-	-	-	Field
	12	1.693	382.116	383.809	Flat	Gravel	3.00	V.Bad	-	-	-	-	-	Field
	13	0.391	383.809	384.200	Flat	Gravel	3.00	Bad	-	-	-	-	-	Field

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MNL Side (m)	Opp. Side (m)	
12-28	6	MAMBUG	373.725	Permanent	6.0	1x	6.0	6.00	0.40	-	-	-	-	Field
	8	BURGOS	375.155	Bailey	150.0	5x	30.0	3.05	-	Medium	-	-	-	Field
	8	LUNA	377.410	Permanent	40.0	1x	40.0	6.00	0.40	-	-	-	-	Field
	9	BRIDGE 1	378.110	Ford Cr.	150.0	-	-	-	-	-	-	-	-	Field
	10	BRIDGE 2	379.110	Permanent	6.0	1x	6.0	6.00	-	-	-	-	-	Field
	11	BRIDGE 3	379.710	Permanent	6.0	1x	6.0	6.00	-	-	-	-	-	Field
	11	BRIDGE 4	381.210	Ford Cr.	150.0	-	-	-	-	-	-	-	-	Field

Province : Ilocos Sur
Road Class : National

Road Number : 12-29 Road Name : Ilocos Sur-Abra Road
Length : 8.220 km (From 377.955 km to 386.175 km)

Road Data

Link section No.	Sub-section Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Side-Width (m)		Substandard Alignment Section (m)		Disaster Potential Section		Survey Method
		From	To		Type	Width (m)	Type	Width (m)	Type	Width (m)	Type (m)	Type (m)	
1	3.385	377.955	381.340	Flat	Concrete	6.00	Good	Gravel	1.50	-	-	-	Field
2	1.064	381.340	382.404	Rolling	Concrete	6.00	Good	Gravel	1.00	-	-	-	Field
3	0.290	382.404	382.694	Flat	Concrete	6.00	Good	Gravel	2.00	-	CS 100	-	Field
4	0.677	382.694	383.371	Rolling	Asphalt	6.00	Good	Gravel	1.50	-	-	-	Field
5	0.484	383.371	383.855	Mount's	Concrete	6.00	Good	Gravel	1.00	-	CS 50	-	Field
6	0.677	383.855	384.532	Mount's	Concrete	6.00	Good	Gravel	1.50	-	CS 150	ES 50	Field
7	1.450	384.532	385.982	Mount's	Asphalt	6.00	Good	Gravel	1.50	-	-	-	Field
8	0.193	385.982	386.175	Mount's	Asphalt	6.00	Good	Gravel	1.00	-	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge Type		Span Length (m)		Carriageway Width (m)		Bridge Damage		Approach Damage		Survey Method
			Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MNL Side (m)	Opp. Side (m)		
12-29	4 CACALDINGAN	382.844	Permanent	24.0	2x12.0	6.70	0.40	-	-	-	-	-	Field

Province : Ilocos Sur Road Number : 12-51 Road Name : Suyo-Sigay Road
 Road Class : Provincial Length : 35.000 km (From 331.100 km to 366.100 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidealk		Substandard		Alignment		Disaster		Potential Section	Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Type	Width (m)	Type	Width (m)	Type		
12-51	1	4.000	331.100	335.100	Mount's	Gravel	3.00	Bad	-	-	-	-	-	-	-	-	Hearing
	2	10.000	335.100	345.100	Mount's	Gravel	3.00	V.Bad	-	-	-	-	-	-	-	-	Hearing
	3	21.000	345.100	366.100	Mount's	Gravel	3.00	Bad	-	-	-	-	-	-	-	-	Hearing

Bridge Data

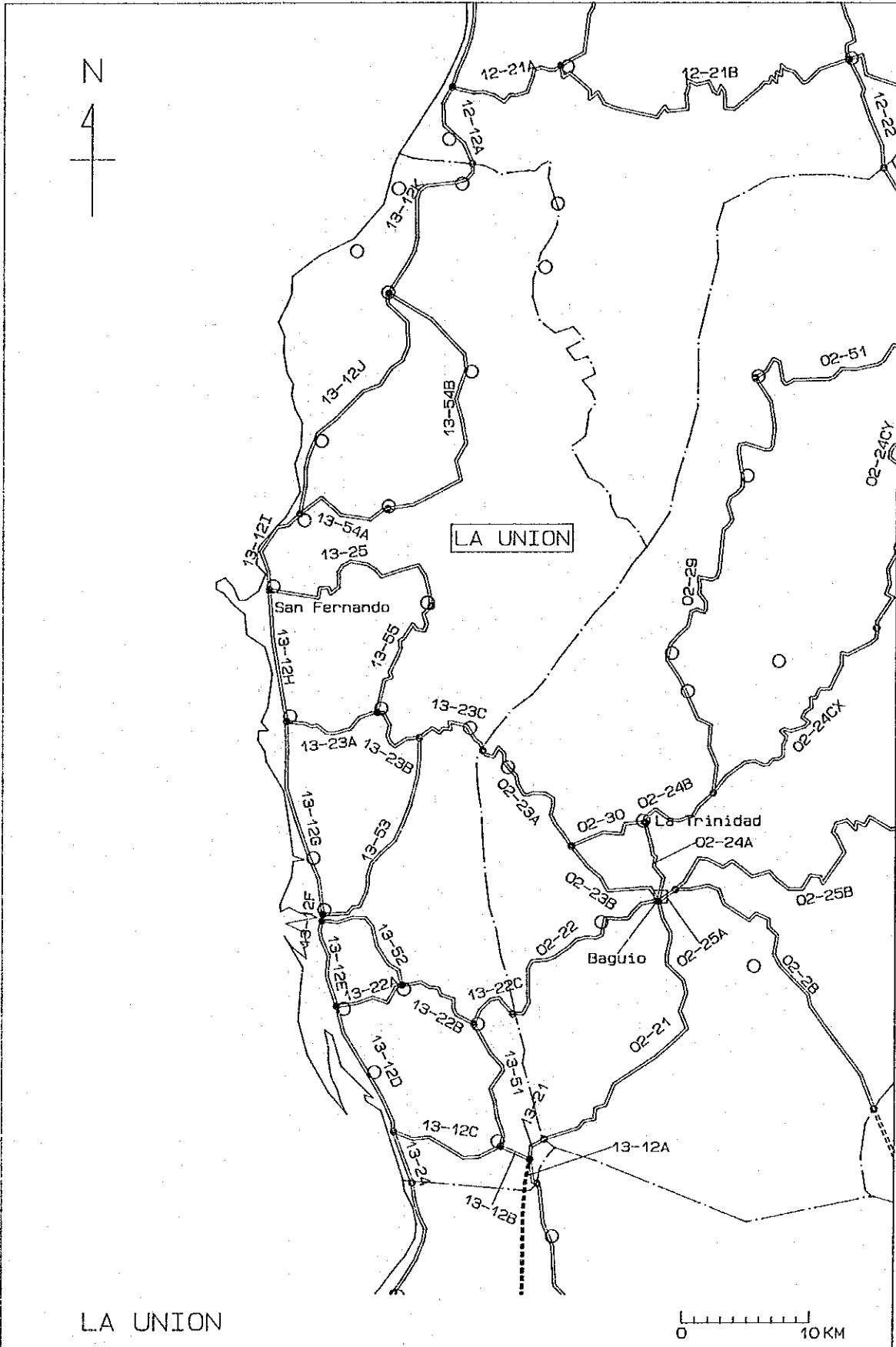
Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Side- ageway walk Width (m)	Bridge Damage		Approach Damage		Survey Method
								Superst. Subst.	MHL Side (m)	Opp. Side (m)	Side Method (m)	
12-51	2	RIVER I	335.600	Ford Cr.	50.0	-	-	-	-	-	-	Hearing

Province : Ilocos Sur Road Number : 12-52 Road Name : San Emilo-Abra Road
 Road Class : Provincial Length : 5.000 km (From 383.000 km to 388.000 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidekw		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
12-52	1	0.300	383.000	383.300	Mount's	Earth	3.00	V.Bad					Hearing
	2	4.700	383.300	388.000	Mount's	No Road							

LA UNION (13)



Total Length of Surveyed Roads by Surface Type/Condition/Carrigeaway Width(W)

Province : La Union

Surface Type	Surface Condition	National Road			Provincial Road			Total		
		W<6.0m	W=6.0m	Total	W<6.0m	W=6.0m	Total	W<6.0m	W=6.0m	Total
Concrete	Good	-	26.1	26.1	1.5	16.5	18.0	1.5	42.6	44.2
	Fair	-	2.8	2.8	-	-	-	-	2.8	2.8
	Bad	-	0.3	0.3	-	-	-	-	0.3	0.3
	Very Bad	-	-	-	-	-	-	-	-	-
	Total	-	29.2	29.2	1.5	16.5	18.0	1.5	45.7	47.3
Asphalt	Good	-	107.1	107.1	-	7.8	7.8	-	114.9	114.9
	Fair	-	4.2	4.2	0.4	1.2	1.6	0.4	5.4	5.7
	Bad	-	9.7	9.7	1.4	-	1.4	1.4	9.7	11.1
	Very Bad	-	-	-	-	-	-	-	-	-
	Total	-	121.0	121.0	1.8	8.9	10.7	1.8	129.9	131.7
Gravel	Good	-	-	-	-	-	-	-	-	-
	Fair	-	5.0	5.0	8.0	27.8	35.8	8.0	32.8	40.8
	Bad	14.5	2.1	16.6	13.0	9.6	22.6	27.5	11.7	39.2
	Very Bad	-	-	-	-	-	-	-	-	-
	Total	14.5	7.1	21.6	21.0	37.4	58.4	35.5	44.5	79.9
Earth	Good	-	-	-	-	-	-	-	-	-
	Fair	-	-	-	-	-	-	-	-	-
	Bad	-	-	-	-	-	-	-	-	-
	Very Bad	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-
	Impassable	-	-	-	5.8	-	5.8	5.8	-	5.8
Total	Good	-	133.2	133.2	1.5	24.3	25.8	1.5	157.5	159.0
	Fair	-	12.0	12.0	8.4	29.0	37.4	8.4	41.0	49.3
	Bad	14.5	12.1	26.6	14.4	9.6	23.9	28.9	21.7	50.5
	Very Bad	-	-	-	-	-	-	-	-	-
	Impassable	-	-	-	5.8	-	5.8	5.8	-	5.8
	Total	14.5	157.3	171.8	30.1	62.8	92.9	44.6	220.1	264.7

Province : La Union
 Road Class : National
 Road Number : 13-12
 Road Name : Manila North Road
 Length : 101.170 km (From 211.381 km to 312.551 km)

Road Data

Link section No.	Sub-section No.	Sub-section Length (km)	Station		Terrain	Carriageway		Shoulder/Sidekick		Substandard		Disaster Potential Section	Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)	Alignment Section (m)	Type (m)		
13-12A	1	0.719	211.381	212.100	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	2	1.247	212.100	213.347	Flat	Asphalt	6.70	Good	Gravel	3.00	-	-	Field
13-12B	1	2.585	213.347	215.932	Flat	Asphalt	6.70	Good	Gravel	1.50	-	-	Field
	2	2.989	215.932	216.132	Flat	Asphalt	6.70	Good	Gravel	1.50	-	-	Field
13-12C	1	0.200	216.132	219.121	Flat	Asphalt	6.70	Good	Gravel	2.50	-	-	Field
	2	1.000	219.121	220.121	Rolling	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
13-12D	3	0.900	220.121	221.021	Mount's	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	4	2.239	221.021	223.260	Rolling	Asphalt	6.70	Good	Gravel	2.50	-	-	Field
13-12E	5	1.750	223.260	225.010	Rolling	Asphalt	6.70	Fair	Gravel	2.00	-	-	Field
	6	0.700	225.010	225.710	Flat	Asphalt	6.70	Good	Gravel	1.50	-	-	Field
13-12F	7	0.200	225.710	225.910	Flat	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field
	8	4.222	225.910	230.132	Flat	Asphalt	6.70	Good	Gravel	2.50	-	-	Field
13-12G	1	1.515	230.132	231.647	Flat	Asphalt	6.70	Good	Gravel	3.00	-	-	Field
	2	3.442	231.647	235.089	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
13-12H	3	0.184	235.089	235.273	Flat	Asphalt	6.70	Good	Asphalt	1.50	-	-	Field
	4	0.459	235.273	235.732	Flat	Asphalt	12.00	Good	Gravel	0.50	-	-	Field
13-12I	5	0.413	235.732	236.145	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	6	3.789	236.145	239.934	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
13-12J	1	3.133	239.934	243.067	Rolling	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	2	0.650	243.067	243.717	Rolling	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
13-12K	1	0.627	243.717	244.344	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	2	1.447	244.344	245.791	Rolling	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
13-12L	3	1.833	245.791	247.624	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	4	0.482	247.624	248.106	Flat	Asphalt	12.00	Good	Gravel	0.50	-	-	Field
13-12M	5	10.129	248.106	258.235	Flat	Asphalt	6.70	Good	Gravel	2.50	-	-	Field
	6	0.579	258.235	258.814	Flat	Asphalt	12.00	Good	Gravel	0.50	-	-	Field
13-12N	1	0.691	258.814	259.505	Flat	Asphalt	12.00	Good	Gravel	2.50	-	-	Field
	2	5.334	259.505	264.839	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
13-12O	3	0.840	264.839	265.679	Flat	Asphalt	6.70	Good	Gravel	2.50	-	-	Field
	4	3.309	265.679	268.988	Flat	Asphalt	12.00	Good	Gravel	0.50	-	-	Field
13-12P	1	2.777	268.988	271.765	Flat	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field
	2	1.590	271.765	273.355	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
13-12Q	3	0.790	273.355	274.145	Flat	Asphalt	6.70	Good	Gravel	2.50	-	-	Field
	4	0.990	274.145	275.135	Flat	Asphalt	6.70	Good	Gravel	1.50	-	-	Field
13-12R	5	1.290	275.135	276.425	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	Field
	6	0.890	276.425	277.315	Flat	Asphalt	12.00	Good	Gravel	0.50	-	-	Field
13-12S	1	0.471	277.315	277.786	Rolling	Asphalt	12.00	Good	Gravel	0.50	-	-	Field
	2	2.168	277.786	279.954	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
13-12T	3	1.980	279.954	281.934	Rolling	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	4	0.754	281.934	282.688	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
13-12U	5	0.471	282.688	283.159	Flat	Concrete	6.70	Good	Concrete	2.00	-	-	Field
	6	0.848	283.159	284.007	Flat	Concrete	6.70	Good	Concrete	2.00	-	-	Field
13-12V	7	4.496	284.007	288.503	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field

Road Data (Continued)

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment Section (m)	Disaster Section	Potential Type (m)	Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)				
13-12J	8	5.436	288.503	293.939	Rolling	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	9	3.741	293.939	297.680	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
13-12K	10	0.377	297.680	298.057	Flat	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field
	11	0.377	298.057	298.434	Flat	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field
	12	0.566	298.434	299.000	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	1	2.752	299.000	301.752	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	2	0.423	301.752	302.175	Flat	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field
	3	0.423	302.175	302.598	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	4	1.906	302.598	304.504	Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	5	2.011	304.504	306.515	Flat	Asphalt	6.70	Good	Gravel	2.50	-	-	Field
	6	0.318	306.515	306.833	Flat	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field
	7	0.847	306.833	307.680	Flat	Concrete	6.70	Good	Asphalt	2.00	-	-	Field
13-12L	8	4.288	307.680	311.968	Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	9	0.265	311.968	312.233	Flat	Concrete	6.70	Good	Asphalt	2.00	-	-	Field
	10	0.318	312.233	312.551	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
							Width (m)	Width (m)	Width slab	Subst. MNL Side	Superst. Opp. Side	Damage	
13-12A	1	BUED	211.427	Permanent	91.5	3x30.5	7.32	0.50	-	-	-	-	Field
	1	SAITAN	213.698	Permanent	12.0	1x12.0	6.70	0.40	-	-	-	-	Field
	2	NILANGOYAN	217.528	Permanent	56.4	2x17.3	7.32	0.50	-	-	-	-	Field
13-12D	5	ANLANG	222.622	Permanent	10.5	1x10.5	6.70	0.40	-	-	-	-	Field
	1	TUBOD	226.180	Permanent	23.1	1x12.7	6.70	0.40	-	-	-	-	Field
	1	CUPANG	227.919	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	-	Field
13-12E	1	PATAE	229.763	Permanent	18.0	1x12.0	7.40	0.50	-	-	-	-	Field
	2	LONBOY	231.342	Permanent	45.0	3x15.0	7.40	0.50	-	-	-	-	Field
	6	PRINCIPE	236.072	Permanent	32.0	2x16.0	7.40	0.50	-	-	-	-	Field
13-12F	1	TABORA	239.102	Permanent	21.0	1x14.0	7.32	0.50	-	-	-	-	Field
	2	BAYATING	241.843	Permanent	24.0	1x16.0	7.40	0.50	-	-	-	-	Field
	2	STA. RITA	242.291	Permanent	15.0	1x15.0	7.40	0.50	-	-	-	-	Field
13-12G	1	ARINGAY	243.147	Permanent	233.0	23x11.0	7.40	0.50	U-con.	U-con.	High	10	Field
	3	CABA	247.488	Permanent	71.2	8x 8.9	7.40	0.50	-	-	-	-	Field

Bridge Data (Continued)

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- ageway walk		Bridge Damage			Approach Damage		Survey Method
							Width (m)	Width (m)	Slab	Superst.	Subst.	MHL Side (m)	Opp. Side (m)	
13-12G	5	BAGBAG	252.169	Permanent	30.6	2x15.3	7.40	0.50	-	-	-	-	-	Field
	5	BAGBAG OESTE	254.056	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	-	Field
	5	PAYOCPOC	255.672	Permanent	24.8	2x12.4	6.70	0.40	-	-	-	-	-	Field
	5	MANING	255.938	Permanent	12.0	1x12.0	7.30	0.50	-	-	-	-	-	Field
	5	BAUANG 1	257.860	Permanent	232.0	8x26.2 1x22.4	6.40	0.40	-	-	-	-	-	Field
13-12H	6	BAUANG 2	258.344	Permanent	195.2	8x24.4	6.40	0.40	-	-	-	-	-	Field
	2	MAGSARANG	262.108	Permanent	11.0	1x11.0	7.40	0.50	-	-	-	-	-	Field
	2	LOSSOC	262.614	Permanent	35.9	3x 7.5 2x 6.7	7.40	0.50	-	-	-	-	-	Field
13-12I	2	PAGDALANGAN	264.408	Permanent	54.4	8x 6.8	7.40	0.50	-	-	-	-	-	Field
	1	CARLAYAN	270.597	Permanent	60.0	5x12.0	7.32	0.50	-	-	-	-	-	Field
13-12J	2	TABOC	279.720	Permanent	33.0	3x11.0	7.32	0.50	-	-	-	-	-	Field
	3	BARORO	281.677	Permanent	176.0	22x 8.0	7.32	0.50	-	-	-	-	-	Field
	7	STA. RITA	286.786	Permanent	18.0	3x 6.0	7.32	0.50	-	-	-	-	-	Field
	7	MARAGAYAP	287.727	Permanent	50.0	2x25.0	7.32	0.50	-	-	-	-	-	Field
	8	BAGUI-ING	291.377	Permanent	29.8	2x 8.9 1x12.0	7.32	0.50	-	-	-	-	-	Field
13-12K	1	PANTAR	300.966	Permanent	44.0	4x11.0	7.32	0.50	-	-	-	-	-	Field
	4	BARORO	303.197	Permanent	60.0	4x15.0	7.32	0.50	-	-	-	-	-	Field

Province : La Union Road Number : 13-21 Road Name : Kennon Road
 Road Class : National Length : 2.130 km (From 213.317 km to 215.447 km)

Road Data

Link section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sideak		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
		From (km)	To (km)		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
13-21	1	213.317	215.447	Flat	Concrete	6.10	Fair	Gravel	1.50	SR	200	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Province : La Union Road Number : 13-22 Road Name : Agooy-Baguio Road (Marcos Highway)
 Road Class : National Length : 23.079 km (From 236.145 km to 259.224 km)

Road Data

Link section No.	Sub-section No.	Sub-section Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Sidekw		Substandard Alignment		Disaster Potential Section		Survey Method
			From	To		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)	
13-22A	1	1.296	236.145-237.441	237.441-238.953	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	Field	
	2	1.512	237.441-238.953	238.953-239.601	Rolling	Concrete	6.10	Good	Earth	1.50	-	-	Field	
	3	0.648	238.953-239.601	239.601-243.271	Flat	Concrete	6.10	Good	Asphalt	1.50	-	-	Field	
13-22B	1	3.670	243.271-244.915	244.915-246.992	Rolling	Concrete	6.10	Good	Gravel	1.50	-	-	Field	
	2	1.644	243.271-244.915	244.915-246.992	Flat	Concrete	6.10	Good	Gravel	2.00	-	-	Field	
	3	2.077	244.915-246.992	246.992-249.674	Rolling	Concrete	6.10	Good	Gravel	1.50	-	-	Field	
13-22C	4	2.682	246.992-249.674	249.674-250.193	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	Field	
	1	0.519	249.674-250.193	250.193-250.920	Rolling	Concrete	6.10	Good	Gravel	1.50	-	-	Field	
	2	0.727	250.193-250.920	250.920-251.231	Rolling	Concrete	6.10	Good	Gravel	1.50	-	-	Field	
	3	0.311	251.231-251.542	251.542-252.061	Rolling	Asphalt	6.10	Bad	Gravel	1.00	-	-	Field	
	4	0.519	251.542-252.061	252.061-252.372	Rolling	Concrete	6.10	U-const	Gravel	1.00	-	-	Field	
	5	0.311	252.061-252.372	252.372-254.760	Rolling	Concrete	6.10	Fair	Gravel	1.00	-	-	Field	
	6	2.388	252.372-254.760	254.760-255.798	Rolling	Gravel	8.00	Bad	Gravel	1.00	-	-	Field	
	7	1.038	254.760-255.798	255.798-256.317	Rolling	Asphalt	10.00	Fair	Gravel	1.00	-	-	Field	
	8	0.519	255.798-256.317	256.317-257.147	Rolling	Gravel	10.00	Fair	Gravel	1.00	-	-	Field	
	9	0.830	256.317-257.147	257.147-259.224	Rolling	Asphalt	6.10	Bad	Gravel	1.00	-	-	Field	
10	2.077	257.147-259.224		Rolling	Gravel	8.00	Bad	Gravel	1.00	-	-	Field		

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- side- egeyway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MHL Side (m)	Opp. Side (m)	
13-22A	1	BACSIL	236.988	Permanent	16.0	1x16.0	7.32	0.50	-	-	-	-	Field	
	2	MATANOBONG	238.224	Permanent	45.0	3x15.0	7.32	0.50	-	-	-	-	Field	
	3	MACALVA	239.143	Permanent	28.5	1x28.5	7.32	0.50	-	-	-	-	Field	
	4	AMHALLAPAY	240.938	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	Field	
13-22B	1	PICAO	244.136	Permanent	45.0	3x15.0	7.32	0.50	-	-	-	-	Field	
	2	LLOREN	246.921	Permanent	20.0	1x20.0	7.32	0.50	-	-	-	-	Field	
	3	LINAPEN	248.530	Permanent	20.0	1x20.0	7.32	0.50	-	-	-	-	Field	
13-22C	4	DAMOSIL	249.953	Permanent	60.0	4x15.0	7.32	0.50	-	-	-	-	Field	
	3	CARES	251.503	Permanent	84.0	3x28.0	7.30	0.40	-	-	-	-	Field	
	10	PALINA	258.226	Permanent	31.6	1x31.6	7.30	0.40	-	-	-	-	Field	

Province : La Union Road Number : 13-23 Road Name : Bauang-Baguio Road
 Road Class : National Length : 22.220 km (From 258.814 km to 281.034 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Sidekw		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
			From	To		Type	Width (m)	Type	Width (m)		Type	Type (m)	
13-23A	1	0.223	258.814	259.037	Flat	Concrete	6.10	Gravel	1.50	-	-	-	Field
	2	1.558	259.037	260.595	Rolling	Asphalt	6.10	Gravel	1.50	-	-	-	Field
	3	0.668	260.595	261.263	Rolling	Concrete	6.10	Gravel	1.50	-	-	-	Field
	4	2.670	261.263	263.933	Rolling	Asphalt	6.10	Gravel	1.50	-	-	-	Field
	5	0.334	263.933	264.267	Rolling	Asphalt	6.10	Gravel	1.50	-	-	-	Field
	6	1.892	264.267	266.159	Rolling	Asphalt	6.10	Gravel	1.50	-	-	-	Field
	7	1.336	266.159	267.495	Flat	Asphalt	6.10	Gravel	1.50	-	-	-	Field
	8	0.445	267.495	267.940	Flat	Asphalt	12.00	Gravel	0.50	-	-	-	Field
13-23B	1	1.841	267.940	269.781	Flat	Asphalt	6.10	Gravel	1.50	-	-	-	Field
	2	0.581	269.781	270.362	Rolling	Asphalt	6.10	Gravel	1.50	-	-	-	Field
13-23C	3	0.872	270.362	271.234	Rolling	Asphalt	6.10	Gravel	1.50	-	-	-	Field
	1	1.448	271.234	272.682	Rolling	Asphalt	6.10	Gravel	1.50	-	-	-	Field
	2	0.367	272.682	273.049	Rolling	Asphalt	6.10	Gravel	1.50	-	-	-	Field
	3	0.907	273.049	273.956	Rolling	Asphalt	6.10	Gravel	1.00	-	-	-	Field
	4	1.270	273.956	275.226	Rolling	Asphalt	6.10	Gravel	0.50	-	-	-	Field
	5	5.082	275.226	280.308	Mount's	Asphalt	6.10	Gravel	0.50	3000	CS 1400	ES 600	Field
6	0.726	280.308	281.034	Rolling	Asphalt	6.10	Gravel	1.00	-	-	-	Field	

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Span Length (m)	Width (m)	Width Slab (m)	Subst. (m)	MHL Side (m)	Opp. Side (m)	
13-23A	2	SAPANG	259.259	Permanent	25.5	1x25.5	7.32	0.50	-	-	-	Field
	6	LAGUIT	265.714	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	Field
	7	NAGUILIAN	266.827	Permanent	259.6	2x15.3	6.70	0.40	-	-	-	Field
13-23C	2	RIBSUAN	272.969	Permanent	56.6	1x56.6	6.70	0.40	-	-	-	Field

Province : La Union Road Number : 13-24 Road Name : Rabon-Damortis Road
 Road Class : National Length : 4.251 km (From 403.020 km to 407.271 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment		Disaster Potential Section		Survey Method
		From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)	
13-24	1	1.739	403.020-404.759	Rolling	Asphalt	6.10	Good	Gravel	2.00	-	-	-	Field
	2	2.512	404.759-407.271	Flat	Asphalt	6.10	Good	Gravel	2.00	-	-	-	Field

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Span	Carri- Side- age-way walk		Bridge Damage		Approach Damage		Survey Method
							Width (m)	Width (m)	Slab	Superst. Subst.	MHL Side (m)	Opp. Side (m)	
13-24	1	RABON	403.116	Permanent	72.0	3x19.0	7.32	0.50	-	-	-	-	Field
						2x 7.5							
	1	BANI SOUTH	404.667	Permanent	15.0	2x 7.5	7.32	0.50	-	-	-	-	Field
	2	BANI NORTH	405.351	Permanent	21.0	2x 3.0	7.32	0.50	-	-	-	-	Field
						1x15.0							

Province : La Union Road Number : 13-25 Road Name : San Fernando-Baguilin Road
 Road Class : National Length : 18.920 km (From 268.988 km to 287.908 km)

Road Data

Link section No.	Sub-section No.	Link section Length (km)	Station		Terrain	Carriageway		Shoulder/Sidekw		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type		Width (m)	Type (m)	
13-25	1	0.300	268.988	269.288	Flat	Concrete	12.00	Good	Gravel	0.50	-	-	Field
	2	0.300	269.288	269.588	Flat	Concrete	6.10	Good	Concrete	1.50	-	-	Field
	3	0.300	269.588	269.888	Flat	Concrete	6.10	Good	Gravel	1.00	-	-	Field
	4	0.800	269.888	270.688	Flat	Asphalt	6.10	Fair	Gravel	1.00	-	-	Field
	5	0.800	270.688	271.488	Flat	Asphalt	6.00	Bad	Gravel	1.00	-	-	Field
	6	0.312	271.488	271.800	Flat	Gravel	8.00	Fair	-	-	-	-	Field
	7	0.350	271.800	272.150	Flat	Asphalt	6.00	Fair	Gravel	1.00	-	-	Field
	8	0.450	272.150	272.600	Flat	Gravel	7.00	Fair	-	-	-	-	Field
	9	0.800	272.600	273.400	Flat	Gravel	6.00	Fair	-	-	-	-	Field
	10	1.400	273.400	274.800	Rolling	Gravel	5.00	Bad	-	-	-	-	Field
	11	0.400	274.800	275.200	Mount's	Gravel	5.50	Bad	-	-	400	CS 400	ES 100
	12	1.800	275.200	277.000	Mount's	Gravel	4.00	Bad	-	-	1440	CS 200	Field
	13	10.908	277.000	287.908	Mount's	Gravel	5.00	Bad	-	-	-	-	Field
													Hearing

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side- ageeway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Length (m)	Width (m)	Width (m)	Width (m)	Width (m)	Stab	Superst. Subst.	
13-25	4	NEGRO	270.072	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	-	Field
	7	CAMANSI	271.864	Permanent	18.3	1x18.3	7.32	0.50	-	-	-	-	-	Field
	9	PIAS	272.984	Permanent	20.8	1x20.8	7.40	0.50	-	-	-	-	-	Field

Province : La Union Road Number : 13-51 Road Name : Rosario-Pugo Road
 Road Class : Provincial Length : 13.190 km (From 215.932 km to 229.122 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
			From	To		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
13-51	1	0.391	215.932	216.323	Flat	Asphalt	5.00	Fair	Gravel	1.00	-	-	Field
	2	0.977	216.323	217.300	Rolling	Asphalt	6.00	Good	Gravel	1.00	-	-	Field
	3	0.489	217.300	217.789	Rolling	Asphalt	6.00	Good	Earth	1.00	-	-	Field
	4	0.684	217.789	218.473	Rolling	Gravel	7.00	Fair	-	-	CS	684	Field
	5	0.977	218.473	219.450	Rolling	Asphalt	6.00	Good	Gravel	1.00	-	ES 200	Field
	6	1.172	219.450	220.622	Rolling	Concrete	6.10	U-const	Gravel	1.00	-	-	Field
	7	0.684	220.622	221.306	Flat	Concrete	6.10	U-const	Gravel	1.00	-	-	Field
	8	4.885	221.306	226.191	Rolling	Concrete	6.10	U-const	Gravel	1.50	-	-	Field
	9	2.931	226.191	229.122	Flat	Concrete	6.10	U-const	Gravel	1.50	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Length (m)	Width (m)	Width Slab (m)	Superst. (m)	Subst. (m)	MHL Side (m)	
13-51	2	BRIDGE 1	217.300	Permanent	16.0	1x16.0	6.70	0.40	-	-	-	-	-	Field
	6	BRIDGE 2	220.622	Permanent	24.0	2x12.0	6.70	0.40	-	-	-	-	-	Field
	7	BRIDGE 3	220.817	Permanent	16.0	1x16.0	6.70	0.40	-	-	-	-	-	Field
	8	BRIDGE 4	221.696	Permanent	16.0	1x16.0	6.70	0.40	-	-	-	-	-	Field
	8	BRIDGE 5	223.260	Permanent	24.0	2x12.0	6.70	0.40	-	-	-	-	-	Field
	8	BRIDGE 6	225.116	Permanent	16.0	1x16.0	6.70	0.40	-	-	-	-	-	Field
	8	BRIDGE 7	225.556	Permanent	20.0	1x20.0	6.70	0.40	-	-	-	-	-	Field
	8	BRIDGE 8	226.093	Permanent	16.0	1x16.0	6.70	0.40	-	-	-	-	-	Field
	9	BRIDGE 9	226.875	Permanent	66.0	3x22.0	6.70	0.40	-	-	-	-	-	Field
	9	BRIDGE 10	227.754	Permanent	16.0	1x16.0	6.70	0.40	-	-	-	-	-	Field

Province : La Union Road Number : 13-52 Road Name : Tubao-Aringay Road
 Road Class : Provincial Length : 10.000 km (From 243.067 km to 253.067 km)

Road Data

Link section No.	Sub-section Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
		From	To		Type	Width (m)	Condition	Type		Width (m)	Type (m)	
13-52	1	0.400	243.067-243.467	Flat	Gravel	7.00	Fair	-	-	-	-	Field
	2	1.000	243.467-244.467	Flat	Gravel	7.00	Fair	-	-	CS 1000	ES 1000	Field
	3	0.700	244.467-245.167	Rolling	Gravel	5.00	Fair	-	-	-	-	Field
	4	0.500	245.167-245.667	Flat	Gravel	7.00	Fair	-	-	-	-	Field
	5	1.800	245.667-247.467	Flat	Gravel	7.00	Fair	-	-	-	-	Field
	6	0.900	247.467-248.367	Rolling	Gravel	7.00	Fair	-	-	-	-	Field
	7	4.000	248.367-252.367	Flat	Gravel	7.00	Fair	-	-	SR 100	-	Field
	8	0.250	252.367-252.617	Flat	Concrete	6.00	Good	0.50	-	-	-	Field
	9	0.450	252.617-253.067	Flat	Concrete	5.00	Good	1.00	-	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
						Width (m)	Width (m)	Width Slab (m)	Superst. (m)	Subst. (m)	MHL Side (m)	
13-52	BRIDGE 1	243.767	Permanent	12.0	1x12.0	6.70	0.50	-	-	-	-	Field
	BRIDGE 2	244.467	Permanent	16.0	1x16.0	6.70	0.50	-	-	High	-	Field
	BRIDGE 3	245.167	Permanent	12.0	1x12.0	6.70	0.50	-	-	High	3	Field
	SAN SIMON	245.867	Permanent	24.0	2x12.0	6.70	0.50	-	-	-	-	Field
	BRIDGE 4	247.467	Permanent	8.0	1x 8.0	6.70	0.50	-	-	-	-	Field
	PANGAO-AOAN	249.067	Permanent	8.0	1x 8.0	6.70	0.50	-	-	-	-	Field
	BARCELONA	249.517	Permanent	16.0	1x16.0	6.70	0.50	-	-	-	-	Field
	BRIDGE 5	250.067	Permanent	16.0	1x16.0	6.70	0.50	-	-	-	-	Field

Province : La Union Road Number : 13-53 Road Name : Aringay-Maguilian Road
 Road Class : Provincial Length : 19.961 km (From 243.717 km to 263.678 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidewk		Substandard Alignment		Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)	Section (m)	Type (m)	Type (m)		
13-53	1	0.291	243.717	244.008	Rolling	Gravel	7.00							Field
	2	0.969	244.008	244.977	Rolling	Gravel	5.00							Field
	3	2.713	244.977	247.690	Mount's	Gravel	3.00			2000		CS 1500	ES 600	Field
	4	1.550	247.690	249.240	Rolling	Gravel	3.00							Field
	5	0.581	249.240	249.821	Rolling	Gravel	3.00							Field
	6	0.388	249.821	250.209	Rolling	Gravel	5.00							Field
	7	6.492	250.209	256.701	Flat	Gravel	5.00					CS 1000	ES 1000	Field
	8	1.550	256.701	258.251	Rolling	Gravel	8.00					CS 1400		Field
	9	2.132	258.251	260.383	Rolling	Gravel	7.00							Field
	10	1.938	260.383	262.321	Mount's	Gravel	7.00			200				Field
	11	0.388	262.321	262.709	Flat	Gravel	5.00							Field
	12	0.969	262.709	263.678	Rolling	Gravel	6.00							Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Province : La Union Road Number : 13-54 Road Name : San Juan-San Gabriel-Baleoan Road
 Road Class : Provincial Length : 36.169 km (From 277.315 km to 313.484 km)

Road Data

Link section No.	Sub- No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/SideWalk		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
			From	To		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
13-54A	1	0.300	277.315	277.615	Flat	Concrete	5.00	Good	Gravel	1.00	-	-	Field
	2	0.550	277.615	278.165	Flat	Concrete	6.00	Good	Gravel	1.00	-	-	Field
	3	1.050	278.165	279.215	Flat	Gravel	6.00	U-const	-	-	-	-	Field
	4	0.600	279.215	279.815	Flat	Gravel	7.00	Fair	-	-	CS 100	ES 100	Field
	5	1.700	279.815	281.515	Flat	Gravel	6.00	Fair	-	-	-	-	Field
	6	1.300	281.515	282.815	Flat	Gravel	7.00	Fair	-	-	-	-	Field
	7	0.400	282.815	283.215	Flat	Gravel	8.00	Fair	-	-	-	-	Field
	8	1.500	283.215	284.715	Flat	Gravel	7.00	Fair	-	-	-	-	Field
	9	1.000	284.715	285.715	Flat	Gravel	6.00	Bad	-	-	-	-	Field
	10	0.300	285.715	286.015	Flat	Concrete	6.00	Good	Gravel	1.00	-	-	Field
	11	5.800	286.015	291.815	Mount's	Gravel	6.00	Bad	-	-	-	-	Field
	12	5.800	291.815	297.615	Mount's	Earth	5.00	Impass.	-	-	-	-	Hearing
	13	5.000	297.615	302.615	Mount's	Gravel	5.00	Bad	-	-	-	-	Hearing
13-54B	1	2.174	302.615	304.789	Rolling	Gravel	6.00	Bad	-	-	-	-	Field
	2	0.652	304.789	305.441	Rolling	Gravel	6.00	Bad	-	-	-	-	Field
	3	0.870	305.441	306.311	Mount's	Gravel	6.00	Bad	-	-	-	-	Field
	4	0.489	306.311	306.800	Flat	Gravel	6.00	Fair	-	-	-	-	Field
	5	0.706	306.800	307.506	Rolling	Gravel	7.00	Fair	-	-	-	-	Field
	6	0.326	307.506	307.832	Flat	Gravel	7.00	Fair	-	-	-	-	Field
	7	1.087	307.832	308.919	Flat	Gravel	6.10	U-const	Gravel	1.00	-	-	Field
	8	1.304	308.919	310.223	Flat	Gravel	7.00	Fair	-	-	-	-	Field
13-54C	9	0.761	310.223	310.984	Flat	Concrete	6.10	Good	Gravel	0.50	-	-	Field
	10	2.500	310.984	313.484	Flat	Concrete	6.10	Good	Gravel	1.00	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub- No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst.	MHL Side	Opp. Side		
13-54A	2	BRIDGE 1	278.115	Permanent	10.0	1x10.0	6.70	-	-	-	-	-	-	Field
	6	BRIDGE 2	282.115	Bailey	12.0	1x12.0	3.50	-	-	-	-	-	-	Field
	8	BRIDGE 3	284.715	Permanent	192.0	6x16.0	6.70	0.40	-	-	-	-	-	Field
13-54B	11	BRIDGE 4	288.915	Permanent	14.0	1x14.0	6.70	0.50	-	-	-	-	-	Field
	3	BRIDGE 5	305.484	Permanent	36.0	3x12.0	6.70	0.50	-	-	-	-	-	Field
	5	BRIDGE 7	307.334	Permanent	16.0	1x16.0	6.70	0.50	-	-	-	-	-	Field
	5	BRIDGE 6	306.884	Permanent	24.0	1x24.0	6.70	0.50	-	-	-	-	-	Field
	7	BRIDGE 8	307.984	Permanent	64.0	4x16.0	6.70	0.50	-	-	-	-	-	Field

Province : La Union Road Number : 13-55 Road Name : Neguilian-Bagulin Road
 Road Class : Provincial Length : 13.590 km (From 267.940 km to 281.530 km)

Road Data

Link section No.	Sub-section Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment		Disaster Potential Section		Survey Method
		From	To		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)	
1	0.492	267.940	268.432	Flat	Concrete	6.00	Good	Gravel	1.00	-	-	-	Field
2	0.594	268.432	268.826	Flat	Concrete	6.00	Good	Gravel	1.00	-	-	-	Field
3	1.871	268.826	270.697	Flat	Asphalt	6.00	Good	Gravel	1.00	-	-	-	Field
4	1.378	270.697	272.075	Rolling	Asphalt	6.00	Good	Gravel	1.00	-	CS 100	-	Field
5	2.068	272.075	274.143	Flat	Asphalt	6.00	Good	Earth	1.00	-	-	-	Field
6	1.182	274.143	275.325	Rolling	Asphalt	6.00	Fair	Gravel	1.00	-	-	-	Field
7	0.591	275.325	275.916	Mount's	Gravel	6.00	Fair	-	-	-	CS 1182	-	Field
8	0.591	275.916	276.507	Mount's	Gravel	7.00	Fair	-	-	-	CS 591	ES 591	Field
9	0.394	276.507	276.901	Mount's	Concrete	6.00	U-const	Gravel	1.00	-	CS 200	-	Field
10	0.591	276.901	277.492	Rolling	Concrete	6.00	U-const	Gravel	1.00	-	CS 300	-	Field
11	1.280	277.492	278.772	Rolling	Gravel	7.00	Fair	-	-	-	CS 591	-	Field
12	1.379	278.772	280.151	Rolling	Asphalt	3.00	Bad	Earth	2.00	-	CS 600	ES 400	Field
13	0.591	280.151	280.742	Rolling	Concrete	6.00	Good	Gravel	1.00	-	-	-	Field
14	0.788	280.742	281.530	Flat	Concrete	5.00	Good	Gravel	1.00	-	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge		Span		Carri- Side- ageway		Bridge Damage		Approach Damage		Survey Method
			Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MNL Side (m)	Opp. Side (m)		
5	BRIDGE 1	272.140	Bailey	33.0	11x	3.0	3.50	High	High	-	-	-	Field
6	BRIDGE 2	274.240	Permanent	20.0	1x	20.0	6.70	0.50	-	-	-	-	Field
7	BRIDGE 3	275.540	Bailey	33.0	3x	11.0	3.50	-	-	-	-	-	Field
11	BRIDGE 4	278.340	Bailey	15.0	5x	3.0	3.50	High	High	High	-	High	5 Field
12	BRIDGE 5	278.840	Bailey	36.0	12x	3.0	3.50	-	-	-	-	-	Field
12	BRIDGE 6	280.040	Bailey	30.0	10x	3.0	3.50	-	-	-	-	-	Field
14	BRIDGE 7	281.430	Ford Cr.	100.0	-	-	-	-	-	-	-	-	Field

PANGASINAN (14)

Total Length of Surveyed Roads by Surface Type/Condition/Carriageway Width(W)

Province : Pangasinan

Surface Type	Surface Condition	National Road			Provincial Road			Total	
		W<6.0m	W=6.0m	Total	W<6.0m	W=6.0m	Total	W<6.0m	W>6.0m
Concrete	Good	-	143.4	143.4	0.5	23.4	23.9	0.5	166.8
	Fair	-	-	-	-	-	-	-	-
	Bad	-	-	-	-	-	-	-	-
	Very Bad	-	-	-	-	-	-	-	-
Total		-	143.4	143.4	0.5	23.4	23.9	0.5	166.8
Asphalt	Good	-	204.5	204.5	0.4	43.2	43.6	0.4	247.7
	Fair	3.9	44.4	48.3	1.1	17.8	18.9	5.0	62.3
	Bad	-	10.0	10.0	1.7	3.6	5.3	1.7	13.6
	Very Bad	-	7.1	7.1	-	12.4	12.4	-	19.5
Total		3.9	266.0	269.8	3.2	77.1	80.3	7.1	343.1
Gravel	Good	-	-	-	-	-	-	-	-
	Fair	-	-	-	-	-	-	-	-
	Bad	-	-	-	-	-	-	-	-
	Very Bad	0.3	15.7	16.0	10.9	4.7	15.6	10.9	4.7
Total		0.3	15.7	16.0	6.8	0.9	7.7	7.1	16.6
Earth	Good	-	-	-	-	-	-	-	-
	Fair	-	-	-	-	-	-	-	-
	Bad	-	-	-	-	-	-	-	-
	Very Bad	-	-	-	4.7	2.7	7.4	4.7	2.7
Total		-	-	-	4.7	2.7	7.4	4.7	2.7
Impassable		26.6	-	26.6	192.2	-	192.2	218.8	-
Total	Good	-	347.9	347.9	0.9	66.6	67.5	0.9	414.5
	Fair	3.9	44.4	48.3	1.1	17.8	18.9	5.0	62.3
	Bad	-	10.0	10.0	12.6	8.3	20.9	12.6	18.3
	Very Bad	0.3	22.8	23.1	11.5	16.0	27.5	11.8	38.8
	Impassable	26.6	-	26.6	192.2	-	192.2	218.8	-
Total		30.8	425.1	455.8	218.3	108.8	327.1	249.1	533.9
Total		26.6	-	26.6	192.2	-	192.2	218.8	-
Total		-	347.9	347.9	0.9	66.6	67.5	0.9	414.5
Total		3.9	44.4	48.3	1.1	17.8	18.9	5.0	62.3
Total		-	10.0	10.0	12.6	8.3	20.9	12.6	18.3
Total		0.3	22.8	23.1	11.5	16.0	27.5	11.8	38.8
Total		26.6	-	26.6	192.2	-	192.2	218.8	-
Total		30.8	425.1	455.8	218.3	108.8	327.1	249.1	533.9
Total		26.6	-	26.6	192.2	-	192.2	218.8	-

Province : Pangasinan
Road Class : National

Road Number : 14-12 Road Name : Manila North Road
Length : 43.092 km (From 168.275 km to 211.367 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
		From (km)	To (km)		Type	Width (m)	Condition	Type		Width (m)	Type (m)	
14-12A	1	2.925	168.275-171.200	Flat	Asphalt	6.70	Good	Gravel	2.50	-	-	Field
14-12B	1	2.700	171.200-173.900	Flat	Asphalt	6.70	Good	Gravel	2.50	-	-	Field
14-12C	1	5.900	173.900-179.800	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	2	2.200	179.800-182.000	Flat	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field
14-12D	1	8.200	182.000-190.200	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
14-12E	1	9.500	190.200-199.700	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	2	11.667	199.700-211.367	Flat	Asphalt	6.70	Good	Gravel	2.50	-	-	Field

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method	
			Type	Length (m)	Span Length (m)	Width (m)	Width (m)	Width (m)	Slab Superst. (m)	Subst. (m)		MNL Side (m)
14-12B	1	DON TEOFILO SISON BRIDGE	171.533	Permanent	650.0	13x50.0	7.32	-	-	-	-	Field
		SAN NICOLAS BRIDGE	173.860	Permanent	27.6	4x 6.9	7.32	-	-	-	-	Field
14-12C	1	BACAG GRANDE BRIDGE	174.450	Permanent	34.5	5x 6.9	7.32	-	-	-	-	Field
	2	MACALONG BRIDGE	180.802	Permanent	28.5	1x28.5	7.32	-	-	-	-	Field
14-12D	1	MITURA BRIDGE	183.226	Permanent	32.6	2x16.3	7.32	-	-	-	-	Field
	1	TABAYOC BRIDGE	185.526	Permanent	36.0	3x12.0	7.32	7.00	-	-	-	Field
14-12E	1	TAGAMUSING BRIDGE	186.100	Permanent	80.0	4x20.0	7.32	-	-	-	-	Field
	1	CILI BRIDGE	192.530	Permanent	10.4	2x 5.2	7.32	-	-	-	-	Field
	1	BUGAYONG BRIDGE	193.032	Permanent	5.0	1x 5.0	7.32	-	-	-	-	Field
	1	ALURAGAT BRIDGE	194.591	Permanent	204.0	17x12.0	7.32	-	-	-	-	Field

Province : Pangasinan
Road Class : National

Road Number : 14-21
Road Name : Pangasinan-Zambales Road
Length : 111.450 km (From 267.280 km to 378.730 km)

Road Data

Link section No.	Sub- No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidewalk		Substandard Alignment		Disaster Potential		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)	
14-21A	1	2.520	267.280	269.800	Flat	Asphalt	6.70	Good	Gravel	1.00	-	-	Field	
	2	1.000	269.800	270.800	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	Field	
	3	8.800	270.800	279.600	Flat	Asphalt	6.00	Good	Asphalt	1.50	-	-	Field	
	4	0.300	279.600	279.900	Flat	Asphalt	6.00	Good	Gravel	1.00	-	-	Field	
	5	8.300	279.900	288.200	Flat	Asphalt	6.00	Good	Gravel	1.00	-	-	Field	
	6	1.100	288.200	289.300	Rolling	Concrete	6.10	Good	Gravel	1.00	-	-	Field	
	7	0.650	289.300	289.950	Rolling	Concrete	6.10	Good	Gravel	1.00	-	-	Field	
14-21B	1	0.350	289.950	290.300	Rolling	Concrete	6.10	Good	Gravel	1.00	-	-	Field	
	2	6.500	290.300	296.800	Rolling	Concrete	6.70	Good	Gravel	1.00	-	-	Field	
	3	0.500	296.800	297.300	Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field	
	4	0.900	297.300	298.200	Rolling	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field	
	5	2.400	298.200	300.600	Rolling	Asphalt	6.70	Good	Earth	2.00	-	-	Field	
	6	1.804	300.600	302.404	Rolling	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field	
	7	1.496	302.404	303.900	Rolling	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field	
14-21C	1	0.300	303.900	304.200	Flat	Concrete	6.70	Good	Asphalt	1.50	-	-	Field	
	2	0.800	304.200	305.000	Flat	Asphalt	6.70	Good	Asphalt	1.50	-	-	Field	
	3	0.800	305.000	305.900	Rolling	Asphalt	6.70	Good	Earth	2.00	-	-	Field	
	4	0.900	305.900	307.700	Rolling	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field	
	5	1.800	307.700	309.000	Flat	Asphalt	6.70	Good	Gravel	2.00	-	-	Field	
	6	0.600	309.000	309.600	Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field	
	7	0.280	309.600	309.880	Rolling	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field	
14-21D	1	2.420	309.880	312.300	Mount's	Asphalt	6.70	Good	Gravel	2.00	-	-	Field	
	2	7.100	312.300	319.400	Rolling	Asphalt	6.70	Good	Gravel	2.00	-	-	Field	
	3	0.700	319.400	320.100	Flat	Asphalt	6.70	Good	Asphalt	2.00	-	-	Field	
	4	0.970	320.100	321.070	Flat	Concrete	6.70	Good	Asphalt	2.00	-	-	Field	
	5	1.230	321.070	322.300	Flat	Concrete	6.70	Good	Concrete	2.50	-	-	Field	
	6	8.500	322.300	330.800	Flat	Concrete	6.70	Good	Earth	1.50	-	-	Field	
	7	1.100	330.800	331.900	Rolling	Asphalt	6.70	Good	Earth	1.00	-	-	Field	
14-21E	1	2.100	331.900	334.000	Rolling	Concrete	6.70	Good	Earth	1.00	-	-	Field	
	2	5.800	334.000	339.800	Mount's	Concrete	6.70	Good	Earth	1.00	-	-	Field	
	3	20.180	339.800	359.980	Flat	Asphalt	6.10	Good	Gravel	1.50	-	-	Field	
	4	3.220	359.980	363.200	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	Field	
	5	2.800	363.200	366.000	Flat	Asphalt	6.00	Good	Gravel	1.50	-	-	Field	
	6	1.400	366.000	367.400	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	Field	
	7	1.800	367.400	369.200	Flat	Concrete	6.10	Good	Gravel	2.50	-	-	Field	
14-21F	1	0.300	369.200	369.500	Flat	Concrete	6.10	U-const	Gravel	2.50	-	-	Field	
	2	0.400	369.500	369.900	Flat	Asphalt	6.00	Fair	Earth	1.50	-	-	Field	
	3	2.500	369.900	372.400	Flat	Asphalt	6.00	Good	Gravel	2.00	-	-	Field	
	4	3.100	372.400	375.500	Flat	Concrete	6.10	Good	Concrete	2.00	-	-	Field	
	5	1.400	375.500	376.900	Flat	Concrete	6.10	Good	Concrete	2.00	-	-	Field	
	6	1.830	376.900	378.730	Flat	Concrete	6.10	Good	Concrete	2.00	-	-	Field	

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
							Width (m)	Width (m)	Slab	Superst.	Subst.	MNL side	
14-21A	3	CATO BRIDGE	271.620	Permanent	10.6	1x10.6	8.00	-	-	-	-	-	Field
	3	BANOG BRIDGE	273.040	Permanent	39.6	1x21.3 2x 9.1	7.50	-	-	-	-	-	Field
	3	A TEL BRIDGE	274.380	Permanent	21.0	1x21.0	7.50	-	-	-	-	-	Field
	3	BAYAMBANG BRIDGE	276.500	Permanent	44.0	3x10.0 2x 7.0	8.00	-	-	-	-	-	Field
	3	MAGUNAO BRIDGE	278.910	Permanent	24.2	2x 7.5	8.00	-	-	-	-	-	Field
	4	EGUJA BRIDGE	279.680	Permanent	82.3	1x 9.2 2x30.5	8.00	-	-	-	-	-	Field
14-21B	5	ESPITAL BRIDGE	281.240	Permanent	10.6	1x10.6	8.00	-	-	-	-	-	Field
	5	PUNUEC BRIDGE	282.040	Permanent	14.0	1x14.0	8.00	-	-	-	-	-	Field
	5	HERMOSA BRIDGE	283.460	Permanent	10.6	1x10.6	8.00	-	-	-	-	-	Field
	6	DIUSOK BRIDGE	288.500	Permanent	44.0	4x11.0	7.32	-	-	-	-	-	Field
	2	BALSAAN BRIDGE	290.360	Permanent	73.0	2x30.5 1x12.0	7.32	-	-	-	-	-	Field
	5	MADORI BRIDGE	300.200	Permanent	42.5	2x15.3	7.32	-	-	-	-	-	Field
14-21C	6	TAMBACAN BRIDGE	301.380	Permanent	76.0	4x19.0	8.00	-	-	-	-	-	Field
	2	MAGALONG BRIDGE	304.190	Permanent	39.2	2x10.5 1x18.2	8.00	-	-	-	-	-	Field
14-21D	2	AMANDIEGO BRIDGE	318.660	Permanent	15.0	1x15.0	7.32	-	-	-	-	-	Field
	2	GAYAGA BRIDGE	319.050	Permanent	46.0	2x13.8 1x18.5	8.00	-	-	-	-	-	Field
	3	BOGTONG BRIDGE	319.590	Permanent	24.8	2x 7.5	8.00	-	-	-	-	-	Field
14-21E	2	DARAYASEN BRIDGE	324.490	Permanent	12.0	1x12.0	7.32	-	-	-	-	-	Field
	2	CASOLMING BRIDGE	326.160	Permanent	36.0	3x12.0	7.32	-	-	-	-	-	Field
	2	COLOS BOA BRIDGE	327.220	Permanent	12.0	1x12.0	7.32	-	-	-	-	-	Field
	2	PAITAN BRIDGE	330.680	Permanent	50.5	1x50.5	6.00	-	-	-	-	-	Field
	5	MATALAKITIC BRIDGE I	334.500	Permanent	12.0	1x12.0	7.32	-	-	-	-	-	Field
	5	MATALAKITIC BRIDGE II	334.750	Permanent	45.0	3x15.0	7.32	-	-	-	-	-	Field
14-21F	5	VERZOSA BRIDGE	338.670	Permanent	7.0	1x 7.0	6.50	-	-	-	-	-	Field
	5	QUARTEL BRIDGE	339.680	Permanent	6.0	1x 6.0	6.50	-	-	-	-	-	Field
	6	PADILLA BRIDGE	359.520	Permanent	167.5	2x54.9 1x57.7	6.50	-	-	-	-	-	Field
14-21G	4	GUMAPOS BRIDGE	367.856	Permanent	53.4	6x 8.9	6.15	-	-	-	-	-	Field
	6	KURAMBING BRIDGE	369.730	Permanent	20.0	1x20.0	6.32	-	-	-	-	-	Field
14-21H	1	MANAT BRIDGE	370.500	Permanent	183.2	4x45.8	6.15	-	-	-	-	-	Field
	1	GAYAMAN BRIDGE	372.393	Permanent	53.5	1x53.5	6.15	-	-	-	-	-	Field
	2	LACAO BRIDGE # 1	374.231	Permanent	18.0	1x18.0	7.32	-	-	-	-	-	Field
	4	QUINTOS BRIDGE	378.370	Permanent	84.0	7x12.0	9.00	1.50	-	-	-	-	Field

Province : Pangasinan Road Number : 14-22 Road Name : Carmen Jct.-Bayambang-San Carlos-Manat Road
 Road Class : National Length : 43.634 km (From 171.126 km to 214.760 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway			Shoulder/side-walk		Substandard Alignment		Disaster Potential		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Type (m)	Type (m)	Type (m)		
14-22AX 14-22AY	1	4.374	171.126	175.500	Flat	Asphalt	6.00	Good	Asphalt	1.50	-	-	-	Field	
	2	4.800	175.500	180.300	Flat	Asphalt	6.00	Good	Gravel	1.00	-	-	-	Field	
	3	1.800	180.300	182.100	Flat	Concrete	6.10	Good	Concrete	1.00	-	-	-	Field	
	4	0.400	182.100	182.500	Flat	Asphalt	6.00	Bad	Gravel	1.00	-	-	-	Field	
	5	1.400	182.500	183.900	Flat	Gravel	8.00	V.Bad	-	-	-	-	-	Field	
	6	3.500	183.900	187.400	Flat	Asphalt	6.00	Good	Earth	1.00	-	-	-	Field	
	7	1.000	187.400	188.400	Flat	Concrete	6.10	Good	Gravel	1.00	-	-	-	Field	
14-22B	8	1.075	188.400	189.475	Flat	Asphalt	6.00	Good	Gravel	1.00	-	-	-	Field	
	1	0.725	189.475	190.200	Flat	Concrete	6.10	Good	Earth	1.00	-	-	-	Field	
	2	0.800	190.200	191.000	Rolling	Asphalt	6.00	Good	Earth	1.00	-	-	-	Field	
	3	1.300	191.000	192.300	Rolling	Asphalt	6.00	Good	Earth	1.50	-	-	-	Field	
	4	1.300	192.300	193.600	Flat	Asphalt	6.00	Good	Earth	1.00	-	-	-	Field	
	5	2.200	193.600	195.800	Flat	Gravel	7.00	V.Bad	Earth	1.00	-	-	-	Field	
	6	1.100	195.800	196.900	Flat	Asphalt	6.00	Bad	Earth	1.00	-	-	-	Field	
	7	0.200	196.900	197.100	Flat	Gravel	8.00	V.Bad	Earth	1.00	-	-	-	Field	
	8	5.200	197.100	202.300	Flat	Asphalt	6.00	Good	Earth	1.00	-	-	-	Field	
	9	1.000	202.300	203.300	Flat	Asphalt	6.00	Fair	Earth	1.00	-	-	-	Field	
14-22C 14-22D	10	4.000	203.300	207.300	Flat	Asphalt	6.00	Good	Earth	1.00	-	-	-	Field	
	1	1.560	207.300	208.860	Flat	Asphalt	6.00	Good	Earth	1.00	-	-	-	Field	
14-22D	1	5.900	208.860	214.760	Flat	Asphalt	6.00	Fair	Earth	1.00	-	-	-	Hearing	

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MML Side (m)	Opp. Side (m)	
14-22AY	5	HECTOR MENDOZA BRIDGE	183.520	Timber	156.0	13x12.0	4.00	-	-	-	-	-	-	Field
	8	CALVO BRIDGE	189.275	Permanent	160.0	4x40.0	7.40	-	-	-	-	-	-	Field
14-22B	8	PALMA BRIDGE	199.336	Bailey	12.0	4x 3.0	3.62	-	-	-	-	-	-	Field
	10	TURAC BRIDGE	205.138	Permanent	6.0	1x 6.0	6.20	0.46	-	-	-	-	-	Field
14-22C	1	ILANG BRIDGE	207.440	Permanent	61.6	2x30.8	7.32	0.76	-	-	-	-	-	Field
	1	CAVA BRIDGE	208.750	Permanent	38.3	2x19.1	7.32	0.76	-	-	-	-	-	Field
14-22D	1	CACARITAN BRIDGE	211.575	Permanent	6.6	1x 6.6	7.32	0.46	-	-	-	-	-	Hearing
	1	PAGAL BRIDGE	212.493	Permanent	6.6	1x 6.6	7.32	0.46	-	-	-	-	-	Hearing

Province : Pangasinan
Road Class : National

Road Number : 14-23 Road Name : Urdaneta Jct.-Dagupan-Lingayen Road
Length : 27.617 km (From 181.750 km to 209.367 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carriageway		Shoulder/sidewalk		Substandard Alignment Section		Disaster Potential Section		Survey Method
		From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Type (m)	Type (m)	Type (m)	
14-23A	1	19.050	181.750-200.800	Flat	Concrete	6.10	Good	Asphalt	2.00	-	-	-	Field
14-23B	1	3.200	200.800-204.000	Flat	Concrete	6.10	Good	Asphalt	2.00	-	-	-	Field
14-23C	2	3.167	204.000-209.367	Flat	Concrete	6.10	Good	Gravel	2.00	-	-	-	Field
			206.200-209.367	Flat	Concrete	6.10	Good	Concrete	2.00	-	-	-	Field

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)		Carri- Side- age way walk	Bridge Damage		Approach Damage	Survey Method
					Length (m)	Width (m)		MNL Side (m)	Opp. Side (m)		
14-23A	1 VILLAMIL BRIDGE	190.143	Permanent	45.0	5x	9.0	7.30	-	-	-	Field

Province : Pangasinan
Road Class : National

Road Number : 14-24
Road Name : Pangasinan-La Union Road
Length : 24.353 km (From 378.672 km to 403.025 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment		Disaster Potential		Survey Method
			From	To		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type	Section (m)	
14-24A	1	2.828	378.672	381.500	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	-	Hearing
	2	4.800	381.500	386.300	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	-	Field
14-24B	1	4.100	386.300	390.400	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	-	Field
14-24C	1	3.000	390.400	393.400	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	-	Field
	2	8.700	393.400	402.100	Flat	Asphalt	6.00	Good	Gravel	1.50	-	-	-	Field
	3	0.925	402.100	403.025	Rolling	Asphalt	6.00	Good	Gravel	1.50	-	-	-	Field

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MNL Side	Opp. Side	Damage	
14-24C	1	KAYANGA BRIDGE	391.311	Permanent	222.0	10x20.0	7.32	-	-	-	-	-	-	Field
	2	BALANGOSONG BRIDGE	394.227	Permanent	30.0	2x15.0	7.32	-	-	-	-	-	-	Field
	2	BAGKET BRIDGE	395.858	Permanent	26.4	2x13.2	7.32	-	-	-	-	-	-	Field
	2	RABON BRIDGE	402.067	Permanent	6.6	1x 6.6	7.32	-	-	-	-	-	-	Field

Province : Pangasinan
Road Class : National

Road Number : 14-25 Road Name : Alaminos-Boliniao Road
Length : 40.430 km (From 322.460 km to 362.890 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Side-Substandard Alignment		Disaster Potential		Survey Method
			From	To		Type	Width (m)	Condition	Type	Width (m)	Section	
14-25A	1	0.840	322.460	323.300	Flat	Asphalt	6.00	Good	Gravel	1.00	-	Field
	2	1.000	323.300	324.300	Flat	Concrete	6.10	Good	Gravel	1.00	-	Field
	3	1.000	324.300	325.300	Rolling	Asphalt	6.00	Good	Gravel	2.00	-	Field
	4	5.800	325.300	331.100	Rolling	Asphalt	6.00	Good	Gravel	1.00	-	Field
	5	5.700	331.100	336.800	Flat	Asphalt	6.00	Good	Gravel	2.00	-	Field
	6	0.200	336.800	337.000	Flat	Concrete	6.10	Good	Asphalt	1.50	-	Field
	7	1.200	337.000	338.200	Flat	Asphalt	6.00	Good	Gravel	1.50	-	Field
14-25B	1	3.500	338.200	341.500	Flat	Asphalt	6.00	Good	-	-	-	Field
	2	2.800	341.500	344.300	Mount's	Asphalt	6.00	Good	-	-	-	Field
	3	17.700	344.300	362.000	Rolling	Asphalt	6.00	Fair	-	-	-	Field
	4	0.890	362.000	362.890	Flat	Concrete	6.10	Good	Earth	2.00	-	Field

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span Length		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MNL Side (m)	Opp. Side (m)		
14-25A	2	EMBARCADERO BRIDGE I	324.000	Permanent	53.2	1x 5.7	6.00	-	-	-	-	-	-	Field
						1x47.5								
4	GARITA BRIDGE		330.400	Permanent	51.6	2x18.2	7.32							Field
5	AMBABAAY BRIDGE		335.000	Permanent	21.3	1x21.3	7.32							Field
5	DON CLEMENTE BRIDGE		335.650	Permanent	30.8	1x30.8	7.32							Field
7	EMBARCADERO BRIDGE II		337.130	Permanent	39.2	2x12.0	7.32							Field
7	QUIRAY BRIDGE		337.400	Permanent	30.3	2x 6.0	7.32							Field

Province : Pangasinan
 Road Class : National

Road Number : 14-26
 Road Name : Bani-Agno Road
 Length : 14.900 km (From 336.890 km to 351.790 km)

Road Data

Link section No.	Sub- No.	Length (km)	Station		Terrain	Carriageway			Shoulder/Side-walk		Substandard		Disaster Potential		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Alignment Section (m)	Type (m)	Type (m)		
14-26A	1	1.010	336.890	337.900	Flat	Asphalt	6.00	Fair	-	-	-	-	-	-	Field
	2	6.000	337.900	343.900	Mount's	Asphalt	6.00	Bad	-	-	-	-	-	-	Field
	3	2.272	343.900	346.172	Flat	Asphalt	6.00	Good	-	-	-	-	-	-	Field
14-26B	1	4.828	346.172	351.000	Rolling	Asphalt	6.00	Fair	-	-	-	-	-	-	Field
	2	0.790	351.000	351.790	Flat	Asphalt	6.00	Fair	-	-	-	-	-	-	Field

Bridge Data

Link section No.	Sub- No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side- age-way walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MNL Side (m)	Opp. Side (m)		
14-26A	1	ALMASEN BRIDGE	337.090	Permanent	27.4	2x13.7	7.32	-	-	-	-	-	-	Field

Province : Pangasinan
Road Class : National

Road Number : 14-27 Road Name : Burgos-Agno Road
Length : 8.360 km (From 304.530 km to 312.890 km)

Road Data

Link section No.	Sub-section Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Sidek Width (m)		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
		From	To		Type	Width Condition	Type	Width		Type (m)	Type (m)	
14-27	1	0.870	304.530-305.400	Flat	Asphalt	5.00	Fair	-	-	-	-	Field
	2	0.300	305.400-305.700	Rolling	Gravel	5.00	V.Bad	-	-	-	-	Field
	3	3.000	305.700-308.700	Mount's	Asphalt	5.00	Fair	-	-	-	-	Field
	4	0.300	308.700-309.000	Flat	Gravel	6.00	V.Bad	-	-	-	-	Field
	5	3.890	309.000-312.890	Flat	Asphalt	6.00	Good	-	-	CS 100	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge		Span Length (m)		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
			Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst. (m)	MNL Side (m)	Opp. Side (m)		
14-27	3 APARBALI BRIDGE	306.270	Permanent	21.0	2x10.5	7.40	-	-	-	-	-	-	Field
	5 ASONG BRIDGE	309.500	Permanent	45.0	3x15.0	7.40	-	-	-	-	-	-	Field
	5 BASATEN BRIDGE	312.360	Permanent	30.0	2x15.0	7.32	-	-	-	-	-	-	Field
	5 BANGAN ODA BRIDGE	312.760	Permanent	36.0	2x18.0	7.32	-	-	-	-	-	-	Hearing

Province : Pangasinan
Road Class : National

Road Number : 14-28 Road Name : Pangasinan-Tarlac Road
Length : 33.450 km (From 166.000 km to 199.450 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidewalk		Substandard Alignment Section		Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Type (m)	Type (m)		
14-28A	1	11.300	166.000	177.300	Flat	Concrete	6.10	Good	Gravel	2.00	-	-	Field	
14-28B	1	12.300	177.300	189.600	Flat	Concrete	6.10	Good	Gravel	2.00	-	-	Field	
14-28C	1	7.700	189.600	197.300	Flat	Concrete	6.10	Good	Gravel	2.00	-	-	Field	
	2	0.300	197.300	197.600	Flat	Concrete	6.10	Good	Concrete	3.00	-	-	Field	
	3	1.850	197.600	199.450	Flat	Concrete	6.10	Good	Gravel	2.00	-	-	Field	

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- ageaway walk Width (m)	Bridge Damage		Approach Damage		Survey Method
								Width (m)	Slab Superst. Subst. (m)	MNL Side (m)	Opp. Side (m)	
14-28A	1	BARACBAC BRIDGE	167.630	Permanent	61.2	2x15.0	7.32	-	-	-	-	Field
	1	GOOY BRIDGE	171.100	Permanent	27.0	1x31.2 2x 7.5	7.32	-	-	-	-	Field
	1	BANAGA BRIDGE	171.645	Permanent	27.0	1x12.0 3x 9.0	7.32	-	-	-	-	Field
	1	CARPIO BRIDGE	173.178	Permanent	27.0	2x 7.5	7.32	-	-	-	-	Field
	1	OLO BRIDGE	173.776	Permanent	59.8	1x12.0 2x15.0	7.32	-	-	-	-	Field
	1	BUENO BRIDGE	175.677	Permanent	27.0	2x14.9 2x 7.5	7.32	-	-	-	-	Field
	1	CARAYAN BRIDGE	176.766	Permanent	27.5	1x12.0 2x 4.5	7.32	-	-	-	-	Field
14-28B	1	BAYAOS BRIDGE	183.367	Permanent	63.0	1x18.5 1x16.5	7.32	-	-	-	-	Field
	1	CAGUBAY BRIDGE	187.805	Permanent	61.0	3x15.5 1x24.4	7.32	-	-	-	-	Field
	1	GUIRAY BRIDGE	189.816	Permanent	19.3	1x18.3 1x19.3	7.32	-	-	-	-	Field
	1	DOMULOC BRIDGE	195.353	Permanent	51.0	2x 7.5	7.32	-	-	-	-	Field
	1	SAPANG BRIDGE	195.846	Permanent	28.0	2x18.0 2x 8.0	7.32	-	-	-	-	Field
						1x12.0						

Province : Pangasinan
Road Class : National

Road Number : 14-29
Length : 61.270 km (From 171.150 km to 232.420 km)

Road Name : Pangasinan-N. Vizcaya Road
Length : 61.270 km (From 171.150 km to 232.420 km)

Road Data

Link section No.	Sub- No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/sidealk		Substandard Alignment		Disaster Potential Section		Survey Method
			From	To		Type	Width (m)	Condition	Type	Width (m)	Type (m)	Type (m)		
14-29A	1	4.200	171.150	175.350	Flat	Asphalt	6.00	Good	Gravel	2.00	-	-	Field	
	2	0.302	175.350	175.652	Flat	Concrete	6.10	Good	Gravel	2.00	-	-	Field	
14-29B	1	3.648	175.652	179.300	Flat	Asphalt	6.00	U-const	Gravel	2.50	-	-	Field	
	2	0.900	179.300	180.200	Flat	Asphalt	6.00	Fair	Gravel	2.50	-	-	Field	
	3	9.400	180.200	189.600	Flat	Asphalt	6.00	U-const	Gravel	2.50	-	-	Field	
	4	0.800	189.600	190.400	Flat	Asphalt	6.00	Good	Gravel	2.50	-	-	Field	
	5	1.500	190.400	191.900	Flat	Gravel	6.00	V.Bad	Gravel	2.00	-	-	Field	
	6	3.900	191.900	195.800	Flat	Asphalt	6.00	Good	Asphalt	2.50	-	-	Field	
	7	0.700	195.800	196.500	Flat	Concrete	6.10	Good	Asphalt	2.50	-	-	Field	
	8	0.200	196.500	196.700	Flat	Asphalt	6.00	Fair	Asphalt	2.50	-	-	Field	
	9	2.100	196.700	198.800	Flat	Asphalt	6.00	U-const	Gravel	1.00	-	-	Field	
	10	2.660	198.800	201.460	Flat	Asphalt	6.00	Fair	Gravel	1.00	-	-	Field	
14-29C	1	4.340	201.460	205.800	Flat	Asphalt	6.00	Fair	Gravel	1.00	-	-	Hearing	
	2	26.620	205.800	232.420	Mount's	Earth	2.00	Impass.	Gravel	1.00	-	-	Hearing	

Bridge Data

Link section No.	Sub- No.	Bridge Name	Station (km)	Bridge		Span Length		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst.	Subst.	MKL Side	Opp. Side	
14-29B	6	IRIS BRIDGE	195.442	Permanent	9.1	1x	9.1	7.32	-	-	-	-	Field	
	7	BITONG BRIDGE	196.112	Permanent	7.0	1x	7.0	7.32	-	-	-	-	Field	
	9	BONCARO BRIDGE	196.330	Permanent	12.0	1x	12.0	7.32	-	-	-	-	Field	
14-29C	1	ACOSTA BRIDGE	197.150	Permanent	27.0	3x	9.0	7.32	-	-	-	-	Field	
	1	SANTOL BRIDGE	201.745	Timber	6.3	1x	6.3	3.62	-	-	-	-	Hearing	
		CAMP 01 BR.	204.839	Bailey	37.0	3x	10.0	3.62	-	-	-	-	Hearing	
	2	No Bridge	228.620	None	10.0	-	-	-	-	-	-	-	Hearing	
	2	No Bridge	229.420	None	20.0	-	-	-	-	-	-	-	Hearing	
	2	No Bridge	230.920	None	20.0	-	-	-	-	-	-	-	Hearing	

Province : Pangasinan
 Road Class : National

Road Number : 14-30 Road Name : Pangasinan-N, Ecija Road
 Length : 11.152 km (From 175.652 km to 186.804 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carriageway			Shoulder/Sidek Substandard Alignment		Disaster Potential Section		Survey Method
			From	To		Type	Width (m)	Condition	Type	Width (m)	Type (m)	Type (m)	
14-30A	1	0.700	175.652	176.352	Flat	Asphalt	6.00	Fair	-	-	-	-	Field
	2	1.560	176.352	177.912	Flat	Concrete	6.10	Good	-	-	-	-	Field
14-30B	1	8.892	177.912	186.804	Rolling	Gravel	6.00	V.Bad	-	-	-	-	Hearing

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Span Length (m)	Width (m)	MNL Side (m)	Opp. Side (m)	MNL Side (m)	Opp. Side (m)	
14-30A	2	ROBERT ESTRELLA BRIDGE	177.803	Permanent	57.0	3x15.0	7.32	-	-	-	-	Field
						1x12.0						
14-30B	1	ODIAO BRIDGE	179.054	Permanent	24.0	2x 6.0	7.32	-	-	-	-	Hearing
						1x12.0						

Province : Pangasinan Road Number : 14-31 Road Name : Bakit-Bakit Jct. Umangan-N. Ecija Road
 Road Class : National Length : 27.760 km (From 177.912 km to 205.672 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment		Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)	
14-31A	1	3.888	177.912	181.800	Flat	Concrete	6.10	Good					Field	
	2	0.800	181.800	182.600	Flat	Asphalt	6.00	V.Bad	Gravel	1.00			Field	
	3	0.800	182.600	183.400	Flat	Concrete	6.10	Good	Gravel	1.00			Field	
	4	0.400	183.400	183.800	Flat	Concrete	6.10	U-const					Field	
	5	1.400	183.800	185.200	Flat	Asphalt	6.00	Bad					Field	
	6	1.200	185.200	186.400	Flat	Gravel	9.00	V.Bad					Field	
	7	1.000	186.400	187.400	Flat	Asphalt	6.00	Fair	Earth	1.00			Field	
	8	1.000	187.400	188.400	Flat	Asphalt	6.00	V.Bad	Earth	1.00			Field	
	9	1.300	188.400	189.700	Flat	Concrete	6.10	U-const	Gravel	1.00			Field	
	10	9.600	189.700	199.300	Flat	Concrete	6.10	Good	Gravel	1.00			Field	
	11	1.080	199.300	200.380	Flat	Asphalt	6.00	Bad	Earth	1.00			Field	
14-31B	1	5.292	200.380	205.672	Flat	Asphalt	6.00	V.Bad	Earth	1.00			Hearing	

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MNL Side (m)	Opp. Side (m)		
14-31A	1	OJIAO BRIDGE	178.112	Permanent	23.5	3x	7.8	7.32					Field	
	2	SAN AURELIO BRIDGE I	181.944	Permanent	21.0	1x	21.0	7.32					Field	
	2	SAN AURELIO BRIDGE II	182.340	Permanent	30.0	2x	15.0	7.32					Field	
	2	DON EVARISTO BRIDGE	182.518	Permanent	11.0	1x	11.0	7.32					Field	
	3	AYAYANG BRIDGE	182.674	Permanent	15.0	1x	15.0	7.32					Field	
	5	MATABLANG BRIDGE	184.747	Permanent	35.0	1x	35.0	7.32					Field	
	6	AMBUDEL BRIDGE	185.874	Bailey	15.0	1x	15.0	3.62					Field	
	10	CARAYUNGAN BRIDGE	190.365	Permanent	44.0	1x	44.0	7.32					Field	
	10	STA. MARIA BRIDGE	194.960	Permanent	11.0	1x	11.0	7.32					Field	
	10	RODRIGUEZ BRIDGE	199.300	Permanent	6.0	1x	6.0	7.32					Field	
	14-31B	1	ALOO BRIDGE	205.672	Permanent	12.0	1x	12.0	7.32					Hearing

Province : Pangasinan
 Road Class : National

Road Number : 14-32 Road Name : Dagupan-Bonuan-San Fabian Road
 Length : 8.380 km (From 381.432 km to 389.812 km)

Road Data

Link section No.	Sub-section No.	Link section Length (km)	Station		Terrain	Carrigeaway		Shoulder/Side-walk		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type		Width (m)	Type (m)	
14-32	1	8.380	381.432	389.812	Flat	Concrete	6.10	Good	Gravel	1.00	-	-	Hearing

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type		Span Length (m)		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab Superst. (m)	MNL Side (m)	Opp. Side (m)			
14-32	1	MANGERAGDAY BRIDGE	388.812	Permanent	160.0	2x80.0	7.32	0.60	-	-	-	-	-	Hearing

Province : Pangasinan Road Number : 14-51 Road Name : San Carlos-Malasiqui-Villasis Road
 Road Class : Provincial Length : 27.400 km (From 173.900 km to 201.300 km)

Road Data

Link section No.	Sub-section Length (km)	Station		terrain	Carrigeway		Shoulder/Sideek		Substandard Alignment		Disaster Potential Section		Survey Method
		From (km)	To (km)		Type	Width (m)	Condition	Type	width (m)	Section (m)	Type (m)	Type (m)	
14-51	1	8.500	173.900-182.400	Flat	Gravel	4.00	Bad	-	-	-	-	-	Hearing
	2	4.500	182.400-186.900	Rolling	Earth	2.00	Impass.	-	-	-	-	-	Hearing
	3	5.700	186.900-192.600	Flat	Gravel	4.00	V.Bad	-	-	-	-	-	Hearing
	4	2.500	192.600-195.100	Flat	Asphalt	6.00	Bad	-	-	-	-	-	Hearing
	5	5.200	195.100-200.300	Flat	Asphalt	6.00	V.Bad	-	-	-	-	-	Hearing
	6	1.000	200.300-201.300	Flat	Asphalt	6.00	Fair	-	-	-	-	-	Hearing

Province : Pangasinan
Road Class : Provincial

Road Number : 14-52
Length : 22.600 km (From 190.200 km to 212.800 km)

Road Name : Dagupan-Managaldan Lacao Road
Length : 22.600 km (From 190.200 km to 212.800 km)

Road Data

Link section No.	Sub-section No.	Link section Length (km)	Station		Terrain	Carriageway		Shoulder/Side-wk		Alignment		Disaster Potential		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)	
14-52 X	1	7.100	190.200	197.300	Flat	Asphalt	6.00	Good	Gravel	1.00	-	-	Field	
	2	1.000	197.300	198.300	Flat	Asphalt	6.00	Fair	Gravel	1.00	-	-	Field	
	3	0.588	198.300	198.888	Flat	Asphalt	6.00	Good	Gravel	1.00	-	-	Field	
14-52 Y	3	1.840	198.888	200.728	Flat	Asphalt	6.00	Good	Gravel	1.00	-	-	Field	
	3	1.672	200.728	202.400	Flat	Asphalt	6.00	Good	Gravel	1.00	-	-	Field	
14-52 Z	4	0.800	202.400	203.200	Flat	Asphalt	6.00	Fair	Gravel	1.00	-	-	Field	
	5	0.300	203.200	203.500	Flat	Concrete	6.10	Good	-	-	-	-	Field	
	6	0.200	203.500	203.700	Flat	Concrete	6.10	U-const	-	-	-	-	Field	
	7	2.000	203.700	205.700	Flat	Asphalt	6.00	Good	Gravel	1.00	-	-	Field	
	8	1.100	205.700	206.800	Flat	Concrete	6.10	U-const	Gravel	1.00	-	-	Field	
	9	1.500	206.800	208.300	Flat	Asphalt	6.00	Good	-	-	-	-	Field	
	10	0.700	208.300	209.000	Flat	Asphalt	5.50	Fair	-	-	-	-	Field	
	11	0.400	209.000	209.400	Flat	Concrete	6.10	Good	Gravel	1.00	-	-	Field	
	12	2.000	209.400	211.400	Flat	Asphalt	6.00	Good	Gravel	1.00	-	-	Field	
	13	1.400	211.400	212.800	Flat	Concrete	6.10	Good	Gravel	1.00	-	-	Field	

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side- age-way walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst.	Subst.	MHL Side (m)	Opp. Side (m)	
14-52 X	1	BRIDGE 1	191.600	Permanent	12.0	1x12.0	6.00	-	-	-	-	-	-	Field
	1	BRIDGE 2	197.200	Permanent	50.0	1x50.0	7.32	-	-	-	-	-	-	Field
	3	BRIDGE 3	198.500	Permanent	12.0	1x12.0	7.32	-	-	-	-	-	-	Field
14-52 Y	3	BRIDGE 3	200.500	Permanent	100.0	4x25.0	7.32	-	-	-	-	-	-	Field
	5	BRIDGE 3	203.300	Permanent	30.0	2x15.0	7.32	-	-	-	-	-	-	Field

Province : Pangasinan Road Number : 14-53 Road Name : Jct. MNR-Flores San Manuel-San Nicolas Road
 Road Class : Provincial Length : 20.000 km (From 190.200 km to 210.200 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carrigeway		Shoulder/Sidealk		Substandard Alignment		Disaster Potential Section		Survey Method	
			From	To		Type	Width (m)	Type	Width (m)	Type	Width (m)	Type	Width (m)		Type
14-53A	1	9.100	190.200	199.300	Flat	Asphalt	6.00	Good						Field	
	1	0.300	199.300	199.600	Flat	Concrete	6.10	Good	Gravel	1.50				Field	
	2	0.400	199.600	200.000	Flat	Asphalt	6.00	Bad	Earth	2.00				Field	
	3	2.000	200.000	202.000	Flat	Concrete	6.10	Good						Field	
	4	2.700	202.000	204.700	Flat	Earth	6.00	V.Bad				FR 500		Field	
	5	2.500	204.700	207.200	Flat			No Road							Hearing
	6	2.500	207.200	209.700	Flat	Gravel	2.00	Impass.							Field
7	0.500	209.700	210.200	Flat	Concrete	5.00	Good	Gravel	1.00					Field	

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MHL Side (m)	Opp. Side (m)	
14-53A	1	BRIDGE 1	191.300	Permanent	60.0	2x30.0	6.70							Field
	1	BRIDGE 2	192.000	Permanent	60.0	2x30.0	6.70							Field
14-53B	3	BRIDGE 3	200.200	Bailey	14.0	1x14.0	3.80							Field
	3	BRIDGE 4	200.500	Permanent	6.0	1x 6.0	6.70							Field
	3	BRIDGE 5	201.500	Permanent	8.0	1x 8.0	6.70							Field
	3	BRIDGE 6	201.900	Permanent	8.0	1x 8.0	6.70							Field
	4	BRIDGE 7	202.200	Permanent	6.0	1x 6.0	6.70							Field
	4	BRIDGE 8	202.400	Permanent	6.0	1x 6.0	6.70							Field
	4	BRIDGE 9	203.800	Ford Cr.	14.0									Hearing

Province : Pangasinan Road Number : 14-54 Road Name : Flores San Manuel-Benguet Road
 Road Class : Provincial Length : 16.040 km (From 201.460 km to 217.500 km)

Road Data

Link section No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Sideak		Substandard Alignment		Disaster Potential		Survey Method
		From	To		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)	
14-54	1	0.540	201.460-202.000	Mount's	Asphalt	6.00	Fair	-	-	-	-	-	Field
	2	3.500	202.000-205.500	Flat	Earth	3.00	Impass.	-	-	-	-	-	Hearing
	3	12.000	205.500-217.500	Mount's			No Road	-	-	-	-	-	Hearing

Bridge Data

Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge Damage		Approach Damage		Survey Method
			Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst.	Subst.	MNL Side (m)	Opp. Side (m)	
14-54	2	203.000	Ford Cr.	100.0	-	-	-	-	-	-	-	-	Hearing
	2	205.500	Ford Cr.	80.0	-	-	-	-	-	-	-	-	Hearing
	3	207.500	Ford Cr.	50.0	-	-	-	-	-	-	-	-	Hearing
	3	208.600	Ford Cr.	50.0	-	-	-	-	-	-	-	-	Hearing

Province : Pangasinan Road Number : 14-55 Road Name : San Nicolas-Umingan Road
 Road Class : Provincial Length : 19.640 km (From 201.460 km to 221.100 Km)

Road Data

Link section No.	Sub-section Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Sidealk		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
		From	To		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
14-55	1	0.740	201.460-202.200	Flat	Asphalt	6.00	Bad	-	-	-	-	Field
	2	2.400	202.200-204.600	Flat	Gravel	4.00	Bad	-	-	-	-	Field
	3	0.400	204.600-205.000	Flat	Asphalt	6.00	Good	-	-	-	-	Field
	4	1.100	205.000-206.100	Flat	Gravel	4.00	V.Bad	-	-	-	-	Field
	5	0.400	206.100-206.500	Flat	Asphalt	3.00	Fair	-	-	-	-	Field
	6	0.700	206.500-207.200	Flat	Asphalt	6.00	Good	-	-	FR 700	-	Field
	7	4.200	207.200-211.400	Flat	Gravel	6.00	Bad	-	-	FR 300	-	Field
	8	2.100	211.400-213.500	Flat	Earth	4.00	V.Bad	-	-	-	-	Field
	9	0.400	213.500-213.900	Flat	Asphalt	4.00	Good	-	-	-	-	Field
	10	0.800	213.900-214.700	Flat	Asphalt	6.00	Fair	-	-	-	-	Field
	11	0.500	214.700-215.200	Flat	Gravel	8.00	Bad	-	-	-	-	Field
	12	1.800	215.200-217.000	Flat	Asphalt	6.00	Good	-	-	-	-	Field
	13	0.800	217.000-217.600	Flat	Gravel	8.00	V.Bad	-	-	-	-	Field
	14	3.500	217.600-221.100	Flat	Asphalt	6.00	Good	-	-	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge		Span		Carri- Side- ageeway walk		Bridge Damage		Approach Damage		Survey Method
			Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst.	Subst.	MNL Side (m)	Opp. Side (m)	
14-55	1	BRIDGE 1	202.200	Permanent	8.0	1x 8.0	7.32	-	-	-	-	-	Field
	2	BRIDGE 2	203.900	Permanent	8.0	1x 8.0	7.32	-	-	-	-	-	Field
	3	BRIDGE 3	204.300	Permanent	20.0	1x20.0	7.32	-	-	-	-	-	Field
	4	BRIDGE 4	204.700	Permanent	60.0	2x30.0	7.32	-	-	-	-	-	Field
	6	BRIDGE 5	207.200	Permanent	8.0	1x 8.0	7.32	-	-	-	-	-	Field
	7	BRIDGE 6	207.700	Permanent	8.0	1x 8.0	7.32	-	-	-	-	-	Field
	7	BRIDGE 7	209.800	Permanent	8.0	1x 8.0	7.32	-	-	U-con.	U-con.	-	Field
	7	BRIDGE 8	210.100	Permanent	14.0	1x14.0	7.32	-	-	-	-	-	Field
	7	BRIDGE 9	211.400	Ford Cr.	300.0	-	-	-	-	-	-	-	Field
	10	BRIDGE 10	214.300	Permanent	8.0	1x 8.0	7.32	-	-	-	-	-	Field
	12	BRIDGE 11	215.500	Permanent	8.0	1x 8.0	7.32	-	-	-	-	-	Field
	12	BRIDGE 12	216.700	Permanent	12.0	1x12.0	7.32	-	-	-	-	-	Field
	14	BRIDGE 13	218.200	Permanent	12.0	1x12.0	7.32	-	-	-	-	-	Field
	14	BRIDGE 14	219.600	Permanent	6.0	1x 6.0	7.32	-	-	-	-	-	Field
	14	BRIDGE 15	220.200	Permanent	200.0	1x 200	7.32	-	-	-	-	-	Field
	14	BRIDGE 16	220.700	Permanent	6.0	1x 6.0	7.32	-	-	-	-	-	Field

Province : Pngasinan Road Number : 14-56 Road Name : Mangaldan-Dagupan Road
 Road Class : Provincial Length : 7.900 km (From 200.800 km to 208.700 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carriageway		Shoulder/Side-wk		Alignment		Disaster Potential		Survey Method
		From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Section (m)	
14-56	1	200.800	203.200	Flat	Concrete	6.10	Good	Gravel	1.00	-	-	-	Field
	2	0.700	203.200-203.900	Flat	Asphalt	6.00	Good	-	-	-	-	-	Field
	3	0.300	203.900-204.200	Flat	Gravel	6.00	V.Bad	-	-	-	-	-	Field
	4	1.500	204.200-205.700	Flat	Concrete	6.10	Good	-	-	-	-	-	Field
	5	1.500	205.700-207.200	Flat	Concrete	6.10	U-const	-	-	-	-	-	Field
	6	1.500	207.200-208.700	Flat	Concrete	6.10	Good	-	-	-	-	-	Field

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- age-way walk Width (m)	Bridge Damage		Approach Damage		Survey Method
							Width Slab (m)	Superst. (m)	MHL Side (m)	Opp. Side (m)	
14-56	1 BRIDGE 1	201.300	Permanent	30.0	2x15.0	7.32	-	-	-	-	Field

Province : Pangasinan Road Number : 14-57 Road Name : Bayambang-Camiling Road
 Road Class : Provincial Length : 8.225 km (From 189.475 km to 197.700 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment		Disaster Potential Section		Survey Method
		From (km)	To (km)		Type	Width (m)	Type	Width (m)	Type (m)	Type (m)	Type (m)	Type (m)	
14-57	1	189.475	190.500	Flat	Concrete	6.10	Good	Gravel	1.00	-	-	-	Hearing
	2	190.500	197.700	Flat	Asphalt	6.00	V.Bad	-	-	-	-	-	Hearing

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Side- Carri- ageway walk	Bridge Width (m)	Bridge Damage	Approach Damage		Survey Method
									MNL Side (m)	Opp. Side (m)	
14-57	1	190.500	Permanent	60.0	4x15.0	7.32	-	-	-	-	Hearing

Province : Pangasinan Road Number : 14-58 Road Name : San Carlos-Urbiztondo-Mangatarem Road
 Road Class : Provincial Length : 16.350 km (From 211.800 km to 228.150 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Side-walk		Substandard		Alignment		Disaster Potential		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Type	Section	Type	Section	Type	
14-58	1	11.300	211.800	223.100	Flat	Asphalt	6.00	Fair	-	-	-	-	-	-	-	Field
	2	5.050	223.100	228.150	Flat	Earth	2.00	Impass.	-	-	-	-	-	-	-	Hearing

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge		Approach		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MWL Side (m)	Opp. Side (m)	Damage	
14-58	1	MARCOS BRIDGE	223.100	Permanent	149.8	7x21.4	7.32	-	-	-	-	-	-	Field

Province : Pangasinan
Road Class : Provincial

Road Number : 14-59 Road Name : San Carlos-Aguilar Road
Length : 13.400 km (From 208.860 km to 222.260 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidealk		Substandard Alignment		Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)	
14-59A	1	0.540	208.860	209.400	Flat	Asphalt	6.70	Good	Gravel	1.00	-	-	-	Field
	2	2.400	209.400	211.800	Flat	Asphalt	6.00	Fair	Earth	1.00	-	-	-	Field
14-59B	1	2.100	211.800	213.900	Flat	Asphalt	6.00	Good	-	-	-	-	-	Field
	2	1.600	213.900	215.500	Flat	Asphalt	6.00	Good	-	-	-	-	-	Field
	3	1.600	215.500	217.100	Flat	Asphalt	6.00	U-const	-	-	-	-	-	Field
	4	5.160	217.100	222.260	Flat	Earth	3.00	Impass.	-	-	-	-	-	Hearing

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side- ageway		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MHL Side (m)	Opp. Side (m)		
14-59A	2	BRIDGE 1	211.160	Permanent	90.0	4x22.5	7.32	-	-	-	-	-	-	Field
	2	BRIDGE 2	213.960	Bailey	30.0	3x10.0	4.00	-	-	-	-	-	-	Field
	3	BRIDGE 3	215.860	Bailey	24.0	3x 8.0	4.00	-	-	-	-	-	-	Field
	3	BRIDGE 4	216.860	Permanent	6.0	1x 6.0	7.32	-	-	-	-	-	-	Field
14-59B	3	AGNO RIVER	217.100	None	450.0	-	-	-	-	-	-	-	-	Field

Province : Pangasinan
 Road Class : Provincial

Road Number : 14-60 Road Name : San Carlos-Caldasio Road
 Length : 11.300 km (From 204.000 km to 215.300 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carrigeaway		Shoulder/Sideak		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
		From (km)	To (km)		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
14-60	1	6.800	204.000-210.800	Flat	Concrete	6.10	Good	Gravel	1.00	-	-	Field
	2	4.500	210.800-215.300	Flat	Asphalt	6.00	Good	Gravel	1.50	-	-	Field

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge		Span		Carri- Side- ageway Walk		Bridge Damage		Approach Damage		Survey Method
			Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MNL Side (m)	Opp. Side (m)		
14-60	1 BRIDGE 1	205.900	Permanent	94.8	4x23.7	7.32	-	-	-	-	-	-	Hearing
	1 BRIDGE 2	209.700	Permanent	50.0	2x25.0	7.32	-	-	-	-	-	-	Hearing
	2 BRIDGE 3	213.800	Permanent	12.0	1x12.0	7.32	-	-	-	-	-	-	Hearing

Province : Pangasinan Road Number : 14-61 Road Name : Mangatarem-Sta. Cruz Road
 Road Class : Provincial Length : 23.700 km (From 177.300 km to 201.000 km)

Road Data

Link section No.	Sub- No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sideak		Substandard Alignment		Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)	Type (m)	Type (m)			
14-61	1	5.200	177.300	182.500	Flat	Earth	2.00	Impass.	-	-	-	-	-	Hearing
	2	18.500	182.500	201.000	Mount's	No Road								

Province : Pangasinan Road Number : 14-62 Road Name : Aguilar-Mabini Road
 Road Class : Provincial Length : 60.000 km (From 189.600 km to 249.600 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment		Disaster Potential Section		Survey Method
		From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)	
14-62	1	189.600	191.100	Flat	Asphalt	3.00	Bad	-	-	-	-	-	Hearing
	2	191.100	192.100	Flat	Gravel	3.00	Impass.	-	-	-	-	-	Hearing
	3	192.100	233.000	Mount's	No Road			-	-	-	-	-	
	4	233.000	238.900	Mount's	Earth	3.00	Impass.	-	-	-	-	-	Hearing
	5	238.900	248.600	Mount's	No Road			-	-	-	-	-	Hearing
	6	248.600	249.600	Flat	Gravel	3.00	Impass.	-	-	-	-	-	Hearing

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge		Span Length		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
			Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MNL Side (m)	Opp. Side (m)		
14-62	2 RIVER 1	192.100	Ford Cr.	20.0	-	-	-	-	-	-	-	-	Hearing
	3 RIVER 2	194.300	Ford Cr.	20.0	-	-	-	-	-	-	-	-	Hearing
	3 RIVER 3	195.200	Ford Cr.	20.0	-	-	-	-	-	-	-	-	Hearing
	3 RIVER 4	198.000	Ford Cr.	20.2	-	-	-	-	-	-	-	-	Hearing
	3 RIVER 5	199.600	Ford Cr.	40.0	-	-	-	-	-	-	-	-	Hearing
	3 RIVER 6	200.500	Ford Cr.	30.0	-	-	-	-	-	-	-	-	Hearing
	3 RIVER 7	223.000	Ford Cr.	40.0	-	-	-	-	-	-	-	-	Hearing
	5 RIVER 8	248.600	Ford Cr.	100.0	-	-	-	-	-	-	-	-	Hearing

Province : Pangasinan Road Number : 14-63 Road Name : Bolinao-Agno-Dansol Coastal Road
 Road Class : Provincial Length : 43.510 km (From 362.890 km to 406.400 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment		Disaster Potential		Survey Method
			From	To		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)	
14-63	1	2.410	362.890	365.300	Rolling	Concrete	6.10	U-const	-	-	-	-	Field	
	2	2.600	365.300	367.900	Flat	Earth	4.00	V.Bad	-	-	-	-	Hearing	
	3	9.800	367.900	377.700	Flat	Earth	3.00	Impass.	-	-	-	-	Hearing	
	4	4.200	377.700	381.900	Mount's	-	-	No Road	-	-	-	-	-	
	5	7.500	381.900	389.400	Rolling	Earth	1.50	Impass.	-	-	-	-	Hearing	
	6	3.500	389.400	392.900	Flat	Earth	3.00	Impass.	-	-	-	-	Hearing	
	7	3.000	392.900	395.900	Rolling	-	-	No Road	-	-	-	-	-	
	8	9.500	395.900	405.400	Mount's	Earth	3.00	Impass.	-	-	-	-	Hearing	
	9	0.800	405.400	406.200	Flat	Asphalt	5.00	Bad	-	-	-	-	Hearing	
	10	0.200	406.200	406.400	Flat	-	-	-	-	-	-	-	Hearing	

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Carriageway		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Span Length (m)	Width (m)	Side-walk Width (m)	Slab Width (m)	Superst. Width (m)	MNL Side (m)	
14-63	2	BALINGASAY BAY	367.900	None	200.0	-	-	-	-	-	-	Hearing

Province : Pangasinan Road Number : 14-64 Road Name : Agno-Sabangam Port Road
 Road Class : Provincial Length : 37.050 km (From 289.950 km to 327.000 km)

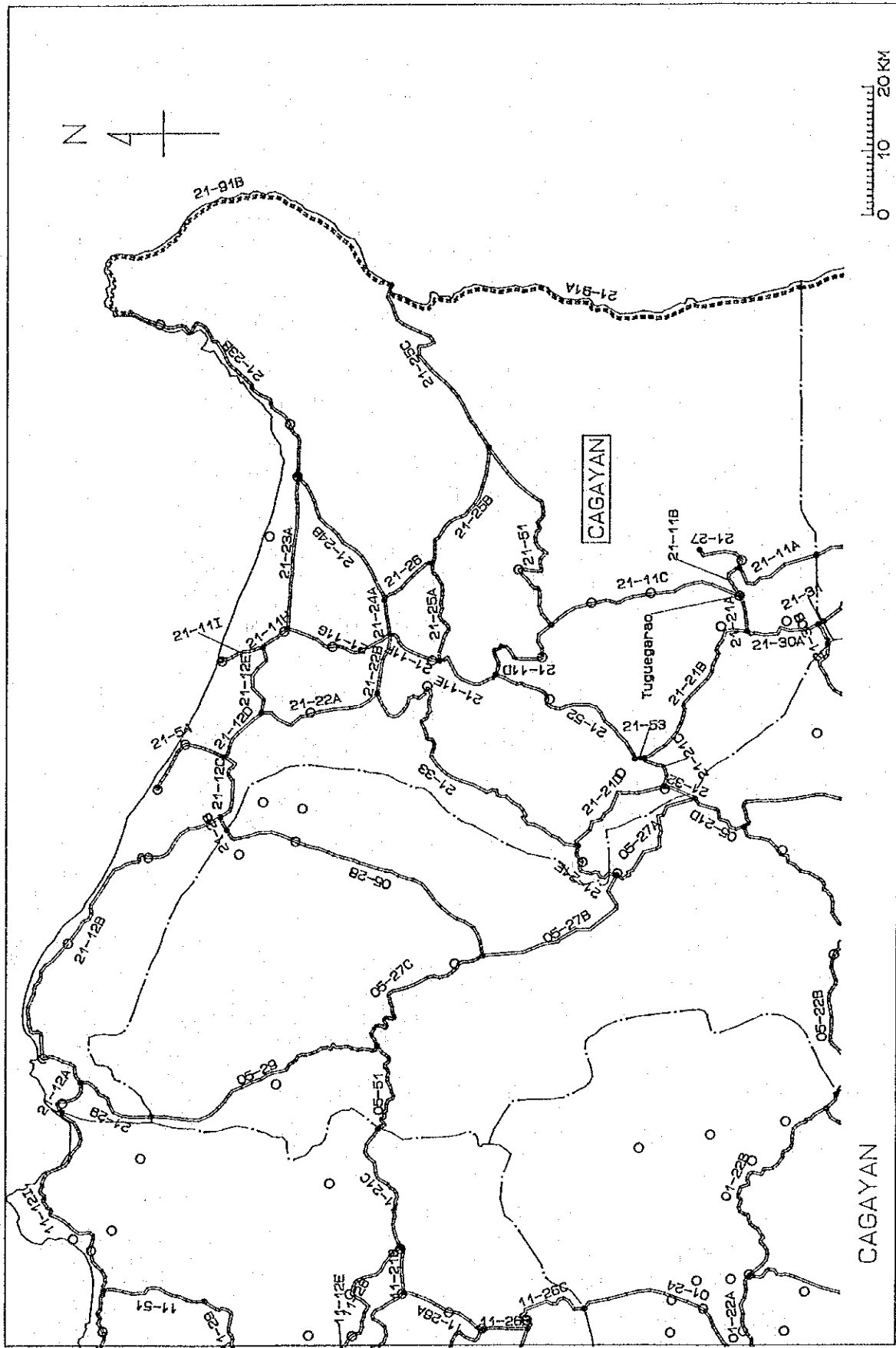
Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Sidewalk		Substandard		Disaster Potential		Survey Method
			From	To		Type	Width (m)	Condition	Type	Width (m)	Alignment Section (m)	Type (m)	Type (m)	
14-64	1	0.550	289.950	290.500	Rolling	Concrete	6.10	Good	-	-	-	-	-	Hearing
	2	3.400	290.500	293.900	Mount's	Earth	3.00	No Road Impass.	-	-	-	-	-	Hearing
	3	4.100	293.900	298.000	Mount's	Earth	3.00	Impass.	-	-	-	-	-	Hearing
	4	7.000	298.000	305.000	Flat	Earth	3.00	Impass.	-	-	-	-	-	Hearing
	5	4.000	305.000	309.000	Rolling	Earth	3.00	Impass.	-	-	-	-	-	Hearing
	6	17.000	309.000	326.000	Mount's	Earth	3.00	No Road Impass.	-	-	-	-	-	Hearing
	7	1.000	326.000	327.000	Mount's	Earth	3.00	Impass.	-	-	-	-	-	Hearing

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	ageway walk Width (m)	Slab	Superst. Subst. (m)	MWL Side (m)	Opp. Side (m)		
14-64	2	ULI RIVER	292.500	Ford Cr.	30.0	-	-	-	-	-	-	-	-	Hearing
	4	TUNGED RIVER	299.000	Ford Cr.	30.0	-	-	-	-	-	-	-	-	Hearing
	6	TUPA RIVER	320.000	None	200.0	-	-	-	-	-	-	-	-	Hearing
	7	BALINCAGUIN RIVER	327.000	Bailey	200.0	10x20.0	3.80	-	-	-	-	-	-	Hearing

CAGAYAN (21)



Total Length of Surveyed Roads by Surface Type/Condition/Carriageway Width(W)

Province : Cagayan

Surface Type	Surface Condition	National Road			Provincial Road			Total				
		W<6.0m	W=6.0m	W>6.0m	Total	W<6.0m	W=6.0m	W>6.0m	Total	W<6.0m	W=6.0m	W>6.0m
Concrete	Good	-	275.2	275.2	-	1.6	1.6	-	276.8	-	276.8	276.8
	Fair	-	12.2	12.2	-	-	-	-	12.2	-	12.2	12.2
	Bad	-	10.3	10.3	0.7	-	0.7	-	10.3	0.7	10.3	11.0
	Very Bad	-	-	-	-	-	-	-	-	-	-	-
	Total	-	297.7	297.7	0.7	1.6	2.3	-	299.3	0.7	299.3	300.0
Asphalt	Good	-	1.8	1.8	-	-	-	-	1.8	-	1.8	1.8
	Fair	-	16.9	16.9	-	12.0	12.0	-	28.9	-	28.9	28.9
	Bad	-	2.8	2.8	-	0.7	0.7	-	3.5	-	3.5	3.5
	Very Bad	-	-	-	-	-	-	-	-	-	-	-
	Total	-	21.5	21.5	-	12.7	12.7	-	34.2	-	34.2	34.2
Gravel	Good	30.4	169.5	199.9	6.2	55.1	61.4	36.7	224.6	36.7	224.6	261.3
	Fair	17.0	21.8	38.8	2.5	9.7	12.2	19.5	31.5	19.5	31.5	51.0
	Bad	2.0	-	2.0	-	-	-	2.0	-	2.0	-	2.0
	Very Bad	49.3	191.3	240.7	8.8	64.8	73.6	58.1	256.2	58.1	256.2	314.3
	Total	98.7	382.6	441.4	17.5	129.6	147.2	114.3	312.3	114.3	312.3	370.6
Earth	Good	-	-	-	-	-	-	-	-	-	-	-
	Fair	-	-	-	-	-	-	-	-	-	-	-
	Bad	11.0	-	11.0	1.0	-	1.0	-	12.1	12.1	-	12.1
	Very Bad	25.0	-	25.0	-	-	-	-	25.0	25.0	-	25.0
	Total	36.0	-	36.0	1.0	-	1.0	-	37.0	37.0	-	37.0
	Impassable	62.5	-	62.5	-	-	-	-	62.5	-	-	62.5
Total	Good	-	277.0	277.0	-	1.6	1.6	-	278.6	-	278.6	278.6
	Fair	30.4	198.6	229.0	6.2	67.1	73.4	36.7	265.7	36.7	265.7	302.4
	Bad	28.0	34.9	62.9	4.3	10.4	14.7	32.2	45.4	32.2	45.4	77.6
	Very Bad	27.0	-	27.0	-	-	-	27.0	-	27.0	-	27.0
	Impassable	62.5	-	62.5	-	-	-	62.5	-	62.5	62.5	
	Total	147.9	510.5	658.4	10.5	79.2	89.7	158.4	589.7	158.4	589.7	748.1

Province : Cagayan Road Number : 21-11 Road Name : Pan-Philippine Highway
 Road Class : National Length : 122.695 km (From 460.405 km to 583.100 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidewalk		Alignment Section (m)	Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
21-11A	1	3.318	460.405-463.723		Flat	Concrete	6.70	Bad	Gravel	2.00	-	-	Field
	2	1.561	463.723-465.284		Flat	Concrete	6.70	Fair	Gravel	2.00	-	-	Field
	3	2.927	465.284-468.211		Rolling	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	4	3.318	468.211-471.529		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	5	2.831	471.529-474.360		Rolling	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	1	4.484	474.360-478.844		Rolling	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	2	1.950	478.844-480.794		Flat	Concrete	6.70	Good	Gravel	1.50	-	-	Field
	1	2.057	480.794-482.851		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	2	1.763	482.851-484.614		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	3	1.177	484.614-485.791		Flat	Concrete	6.70	Fair	Gravel	2.00	-	-	Field
4	1.666	485.791-487.457		Flat	Concrete	6.70	Fair	Gravel	2.00	-	-	Field	
5	6.173	487.457-493.630		Rolling	Concrete	6.70	Good	Gravel	2.00	-	-	Field	
6	1.371	493.630-495.001		Flat	Concrete	6.70	Good	Gravel	1.50	-	-	Field	
7	4.409	495.001-499.410		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field	
8	1.470	499.410-500.880		Rolling	Concrete	6.70	Good	Gravel	2.00	-	-	Field	
9	10.111	500.880-510.991		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field	
21-11D	1	1.995	510.991-512.986		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	2	1.274	512.986-515.093		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	3	2.352	515.093-516.367		Rolling	Concrete	6.70	Bad	Gravel	2.00	-	-	Field
	4	0.245	516.367-518.719		Rolling	Concrete	6.70	Fair	Gravel	2.00	-	-	Field
	1	7.801	518.719-518.964		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	2	1.114	518.964-526.765		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	3	1.017	526.765-527.879		Rolling	Concrete	6.70	Bad	Gravel	2.00	-	-	Field
	4	1.114	527.879-528.896		Rolling	Concrete	6.70	Fair	Gravel	2.00	-	-	Field
	5	7.413	528.896-530.010		Rolling	Concrete	6.70	Good	Gravel	2.00	CS	50	Field
	6	2.519	530.010-537.423		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
21-11E	7	2.713	537.423-539.942		Flat	Concrete	6.70	Bad	Gravel	1.50	-	-	Field
	8	0.633	539.942-542.655		Flat	Concrete	6.70	Fair	Gravel	1.50	-	-	Field
	1	2.132	542.655-543.288		Rolling	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	2	7.246	543.288-545.420		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	3	0.950	545.420-552.666		Flat	Concrete	6.70	Good	Gravel	1.50	-	-	Field
	4	4.118	552.666-553.616		Rolling	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	5	5.039	553.616-557.734		Flat	Concrete	6.70	Good	Gravel	1.50	-	-	Field
	6	1.744	557.734-562.773		Flat	Asphalt	6.70	Fair	Gravel	1.50	-	-	Field
	7	1.744	562.773-564.517		Flat	Asphalt	6.70	Bad	Gravel	1.50	-	-	Field
	8	1.841	564.517-566.261		Flat	Asphalt	6.70	Fair	Gravel	1.50	-	-	Field
21-11F	9	2.148	566.261-568.102		Rolling	Asphalt	6.70	Good	Gravel	2.00	-	-	Field
	1	6.450	568.102-570.250		Flat	Asphalt	6.70	Fair	Gravel	1.50	-	-	Field
	2	0.450	570.250-576.700		Flat	Concrete	6.70	Good	Gravel	1.50	-	-	Field
	3	5.350	576.700-582.050		Flat	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	4	0.600	582.050-582.500		Flat	Concrete	7.35	Good	Concrete	2.00	-	-	Field
	5	0.600	582.500-583.100		Flat	Concrete	6.70	Good	Gravel	1.00	-	-	Field

Note : Disaster Type : CS=Cut slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- age way walk		Bridge Damage		Approach Damage		Survey Method
							Width (m)	Width (m)	Slab	Superst.	Subst.	MWL Side	
21-11A	1	DIVISORIA	460.405	Permanent	46.5	3x15.5	6.70	0.30	-	-	-	-	Field
	1	URU	461.597	Permanent	24.0	1x24.0	6.70	0.30	-	-	-	-	Field
	1	LOBATU	462.437	Permanent	28.2	1x28.2	6.70	0.30	-	-	-	-	Field
	2	BARUCBUC	464.811	Permanent	30.3	1x30.3	6.70	0.30	-	-	-	-	Field
	4	LIBAG	469.577	Permanent	12.0	1x12.0	6.70	0.30	-	-	-	-	Field
21-11B	5	PINACANUAN	473.377	Permanent	253.3	1x 5.8 3x19.5 15x12.6	6.70	0.40	-	-	-	-	Field
	1	ALIMAWAO	475.942	Permanent	24.0	1x24.0	6.70	0.30	-	-	-	-	Field
	2	CARIG 1	482.987	Permanent	6.0	1x 6.0	6.75	0.40	-	-	-	-	Field
	2	CARIG 2	483.363	Permanent	6.0	1x 6.0	6.75	0.40	-	-	-	-	Field
	2	CARIG 3	483.552	Permanent	12.0	1x12.0	6.50	0.40	-	-	-	-	Field
	4	CARIG 4	486.129	Permanent	21.0	1x21.0	7.20	0.40	-	-	-	-	Field
	4	CARIG 5	487.347	Permanent	21.0	1x21.0	7.20	0.40	-	-	-	-	Field
	5	BAYO	488.363	Permanent	24.0	1x24.0	7.20	0.40	-	-	-	-	Field
	5	GAMMAD	489.912	Permanent	6.0	1x 6.0	7.20	0.40	-	-	-	-	Field
	5	MALABBAC	493.006	Permanent	40.2	1x40.2	6.00	0.30	-	-	-	Medium 10	Field
	6	IGUIG 1	494.236	Permanent	6.0	1x 6.0	7.50	0.40	-	-	-	-	Field
	7	IGUIG 2	496.086	Permanent	75.0	5x15.0	7.35	0.40	-	-	-	Medium 3	Field
	7	BACULOD 1	498.878	Permanent	15.3	1x15.3	7.40	0.40	-	-	-	-	Field
	9	BACULOD 2	503.506	Permanent	89.1	3x29.7	6.70	0.40	-	-	-	-	Field
	9	BOBONG	507.262	Permanent	56.3	1x56.3	7.45	0.40	-	-	-	-	Field
21-11D	1	PARED	513.211	Permanent	110.4	2x 6.2 1x29.0	6.70	0.50	-	-	-	-	Field
	1	BACULOD 3	514.938	Permanent	31.4	1x31.4	7.40	0.50	-	-	-	-	Field
21-11E	1	TUPANG	520.578	Permanent	60.7	2x14.7	6.00	0.50	-	-	-	-	Field
	1	MARABURAB	524.730	Permanent	31.4	1x31.4	7.20	0.50	-	-	-	-	Field
21-11F	1	PIGGATAN	525.894	Permanent	74.0	1x14.0 3x20.0	7.20	0.50	-	-	-	-	Field
	2	LENGUA	527.337	Permanent	28.0	1x28.0	7.20	0.50	-	-	-	-	Field
	3	BACULI	527.913	Permanent	28.0	1x28.0	7.20	0.50	-	-	-	-	Field
	4	NANGAYANGAN	529.985	Permanent	25.0	1x25.0	7.20	0.50	-	-	-	-	Field
	5	MASSIPING	531.167	Permanent	32.0	2x10.0	6.62	0.50	-	-	-	-	Field
	6	GUISING	539.942	Permanent	43.0	1x12.0 1x14.2	6.70	0.50	-	-	-	-	Field
	7	DUMMUN	542.382	Permanent	97.2	1x28.8 1x74.2	6.70	0.50	-	-	-	-	Field
21-11G	1	NAGANTATAPIAN	543.698	Permanent	56.2	1x56.2	7.32	0.50	-	-	-	-	Field
	1	CARMONA	544.640	Permanent	24.0	1x24.0	6.60	0.50	-	-	-	-	Field
	1	GATTARAN	545.278	Permanent	24.0	1x24.0	6.70	0.50	-	-	-	-	Field
	2	AGUIGUICAN	548.197	Permanent	58.3	2x 6.2 3x15.3	6.70	0.50	-	-	-	-	Field
2	PEPENEGAS	550.160	Permanent	34.2	1x34.2	6.70	0.50	-	-	-	-	Field	

Bridge Data (Continued)

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
							Width (m)	Width (m)	Slab	Superst.	MHL Side (m)	Opp. Side (m)	
21-11F	2	URUNGAN	551.168	Permanent	32.0	1x32.0	7.32	9.90	-	-	-	-	Field
	2	MAGAPIT	552.419	Permanent	24.0	1x24.0	6.70	-	-	-	-	-	Field
21-11G	2	SAN VICENTE	559.356	Permanent	39.0	2x12.0 1x15.0	6.70	-	-	-	-	-	Field
	3	MAXINGAL PROPER	564.387	Permanent	24.0	2x12.0	8.00	0.50	-	-	-	-	Field
21-11I	1	D.P. ENRRILE M.	581.115	Permanent	48.0	2x24.0	7.32	0.50	-	-	-	-	Field

Province : Cagayan Road Number : 21-12 Road Name : Manila North Road
 Road Class : National Length : 111.140 km (From 589.060 km to 700.200 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/SideWalk		Substandard Alignment		Disaster Potential		Survey Method
			From	To		Type	Width (m)	Type	Width (m)	Section (m)	Type (m)	Type (m)		
21-12A	1	3.900	589.060	592.960	Mount's	Concrete	6.70	Good	Concrete	0.50	100	CS	800	Field
	2	1.000	592.960	595.960	Rolling	Concrete	6.70	Good	Earth	0.50	-	-	-	Field
	3	2.400	595.960	596.360	Flat	Concrete	6.70	Good	Gravel	1.00	-	-	-	Field
21-12B	4	3.620	596.360	599.980	Rolling	Concrete	6.70	Good	Gravel	0.50	-	-	-	Field
	1	0.468	599.980	600.448	Rolling	Concrete	6.70	Good	Gravel	1.50	-	-	-	Field
	2	0.400	600.448	600.848	Flat	Gravel	8.00	Bad	Gravel	1.50	-	-	-	Field
	3	0.700	600.848	601.548	Rolling	Concrete	6.70	Good	Gravel	1.50	-	-	-	Field
	4	0.300	601.548	601.848	Flat	Gravel	8.00	Bad	Gravel	1.50	-	-	-	Field
	5	0.300	601.848	602.148	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	-	Field
	6	0.300	602.148	602.448	Flat	Gravel	8.00	Fair	Gravel	1.50	-	-	-	Field
	7	0.562	602.448	603.010	Rolling	Concrete	6.70	Good	Gravel	1.50	-	-	-	Field
	8	2.150	603.010	605.160	Flat	Concrete	6.70	Good	Gravel	1.00	-	-	-	Field
	9	0.300	605.160	605.460	Flat	Gravel	7.00	Fair	Gravel	1.50	-	-	-	Field
	10	0.842	605.460	606.302	Flat	Gravel	7.50	Fair	Gravel	1.50	-	-	-	Field
	11	1.217	606.302	607.519	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	-	Field
	12	1.300	607.519	608.819	Mount's	Concrete	6.70	Good	Gravel	1.50	-	-	-	Field
	13	1.500	608.819	610.319	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	-	Field
	14	3.370	610.319	613.689	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	-	Field
	15	1.217	613.689	614.906	Flat	Concrete	6.70	Good	Gravel	1.00	-	-	-	Field
	16	1.030	614.906	615.936	Mount's	Gravel	6.70	Fair	Gravel	1.50	30	CS	50	-
17	1.217	615.936	617.153	Flat	Gravel	10.00	Fair	Gravel	1.50	-	-	-	-	Field
18	1.310	617.153	618.463	Rolling	Gravel	7.00	Fair	Gravel	1.50	-	-	-	-	Field
19	3.371	618.463	621.834	Flat	Gravel	8.00	Fair	Gravel	1.50	-	-	-	-	Field
20	3.000	621.834	624.834	Flat	Gravel	7.00	Fair	Gravel	1.50	-	-	-	-	Field
21	5.712	624.834	630.546	Flat	Gravel	8.00	Fair	Gravel	1.50	-	-	-	-	Field
22	1.030	630.546	631.576	Flat	Asphalt	6.10	Bad	Gravel	1.50	-	-	-	-	Field
23	1.077	631.576	632.653	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	-	-	Field
24	4.073	632.653	636.726	Flat	Gravel	8.00	Fair	Gravel	1.50	-	-	-	-	Field
25	1.404	636.726	638.130	Flat	Gravel	6.70	Fair	Gravel	1.50	-	-	-	-	Field
26	1.500	638.130	639.630	Flat	Gravel	8.00	Fair	Gravel	1.50	-	-	-	-	Field
27	0.560	639.630	640.190	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	-	-	Field
28	5.618	640.190	645.808	Flat	Gravel	7.00	Bad	Gravel	1.50	-	-	-	-	Field
29	0.560	645.808	646.368	Flat	Concrete	6.70	U-const	Gravel	1.50	-	-	-	-	Field
30	0.375	646.368	646.743	Flat	Gravel	10.00	Fair	Gravel	1.50	-	-	-	-	Field
31	0.936	646.743	647.679	Rolling	Gravel	8.00	Bad	Gravel	1.50	-	-	-	-	Field
32	0.560	647.679	648.239	Rolling	Concrete	6.70	U-const	Gravel	1.50	-	-	-	-	Field
33	0.750	648.239	648.989	Rolling	Concrete	6.70	Good	Gravel	1.50	-	-	-	-	Field
34	0.560	648.989	649.549	Flat	Concrete	6.70	Good	Gravel	0.50	-	-	-	-	Field
35	0.750	649.549	650.299	Flat	Gravel	6.00	Bad	Gravel	0.50	-	-	-	-	Field
36	1.217	650.299	651.516	Rolling	Gravel	7.00	Fair	Gravel	0.50	-	-	-	-	Field
37	1.600	651.516	653.116	Rolling	Gravel	7.00	Bad	Gravel	0.50	-	-	-	-	Field
38	0.375	653.116	653.491	Rolling	Gravel	6.00	Bad	Gravel	0.50	-	-	-	-	Field
39	3.840	653.491	657.331	Flat	Gravel	8.00	Bad	Gravel	0.50	-	-	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Road Data (Continued)

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Sidewalk		Substandard	Disaster Section	Potential	Survey Method
			From	To		Type	Width (m)	Type	Width (m)				
21-12B	40	6.835	657.331	664.166	Flat	Concrete	6.70	U-const	Gravel	2.00	-	-	Field
	41	1.922	664.166	666.088	Flat	Concrete	6.70	U-const	Gravel	2.00	-	-	Field
21-12C	1	0.600	666.088	666.688	Flat	Concrete	6.70	U-const	Gravel	2.00	-	-	Field
	2	6.640	666.688	673.328	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	Field
	3	1.270	673.328	674.598	Rolling	Concrete	6.70	Good	Gravel	1.50	-	-	Field
	4	1.470	674.598	676.068	Mount's	Concrete	6.70	Good	Gravel	1.50	-	-	Field
	5	0.780	676.068	676.848	Rolling	Concrete	6.70	Good	Gravel	1.50	-	-	Field
21-12D	1	5.860	676.848	682.708	Rolling	Concrete	6.70	Good	Gravel	2.00	-	-	Field
	2	4.300	682.708	687.008	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	Field
21-12E	1	11.992	687.008	699.000	Flat	Gravel	7.00	Fair	-	-	-	-	Field
	2	1.200	699.000	700.200	Flat	Gravel	6.00	Fair	-	-	-	-	Field

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Width (m)	Width (m)	Slab	Superst.	Subst.	
21-12A	2	SAN JUAN	593.610	Permanent	54.8	2x27.4	7.32	0.50	-	-	-	-	-	Field
	4	DACKEL DANUM	599.584	Permanent	17.0	1x17.0	7.32	0.50	-	-	-	-	-	Field
21-12B	3	LABLAGIG	601.147	Permanent	29.0	1x29.0	7.32	0.50	-	-	-	-	-	Field
	4	TAMDAGAN	601.557	Timber	6.0	1x 6.0	3.50	-	-	-	-	-	-	Field
	8	MABNANG	604.608	Permanent	16.5	1x16.5	7.32	0.50	-	-	-	-	-	Field
	10	KILKILING	605.527	Permanent	25.0	1x25.0	7.32	0.50	-	-	-	-	-	Field
	14	CLAVERIA	611.591	Permanent	31.0	1x31.0	7.32	0.50	-	-	-	-	-	Field
	18	CULAO	617.352	Permanent	6.0	1x 6.0	4.50	0.50	-	-	-	-	-	Field
	19	PATA 1	621.033	Bailey	18.0	6x 3.0	3.50	-	-	-	-	-	-	Field
	20	PATA 2	621.900	Permanent	9.0	1x 9.0	4.50	0.50	-	-	-	-	-	Field
	20	NAMUAC	622.245	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	-	-	Field
	21	NAGRANGTAYAN	625.060	Permanent	16.5	3x 5.5	4.00	0.50	-	-	-	-	-	Field
	24	SANCHEZ MIRA	633.769	Permanent	54.8	2x27.4	7.32	0.50	-	-	-	-	-	Field
	24	LANGANGAN	633.865	Permanent	16.0	1x16.0	7.32	0.50	-	-	-	-	-	Field
	25	BANGAN 1	637.561	Permanent	10.4	1x10.4	7.32	0.50	-	-	-	-	-	Field
	25	BANGAN 2	637.671	Permanent	10.4	1x10.4	7.32	0.50	-	-	-	-	-	Field
	25	BANGAN 3	637.794	Permanent	15.6	1x15.6	7.32	0.50	-	-	-	-	-	Field
	26	TAGUIPURO	638.134	Timber	6.0	1x 6.0	3.50	-	-	-	-	-	-	Field
	26	CABALLEBAAN	638.346	Permanent	21.0	1x21.0	7.32	0.50	-	-	-	-	-	Field
	27	PILID	639.872	Bailey	30.0	1x30.0	3.50	-	-	-	-	-	-	Field
	28	ALLASITAN	645.695	Permanent	48.0	3x16.0	7.32	0.50	U-con.	U-con.	U-con.	U-con.	Medium 15	Field
	30	CAPAGU	646.577	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	-	-	Field
	36	PAMPLONA	650.544	Permanent	517.3	7x73.9	7.32	0.50	-	-	-	-	-	Field
	36	CAGUINGANAN	651.478	Bailey	18.0	6x 3.0	3.50	-	-	-	-	-	-	Field

Bridge Data (Continued)

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- age-way Width (m)	Side- walk Width (m)	Bridge Damage			Approach Damage		Survey Method	
									Slab	Superst.	Subst.	MNL Side (m)	Opp. Side (m)		
21-12B	39	MARAGARAGAT	653.920	Timber	12.0	2x 6.0	3.50	-	-	-	-	-	-	-	Field
		BAGU	656.302	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	-	-	Field
		DALAYAP	656.646	Permanent	20.0	1x20.0	7.32	0.50	U-con.	U-con.	U-con.	10	-	-	Field
		STA. CRUZ 1	657.195	Permanent	20.0	1x20.0	7.32	0.50	U-con.	U-con.	U-con.	-	-	-	Field
		STA. CRUZ 2	658.209	Permanent	16.0	1x16.0	7.32	0.50	-	-	-	-	-	-	Field
21-12C	41	CALOG	664.383	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	-	-	-	Field
	2	LUCBAN	668.425	Permanent	810.9	6x73.9	7.32	0.50	-	-	-	-	-	-	Field
						1x58.5									
21-12D	2	PACUPAC	671.396	Permanent	30.4	2x15.2	7.32	0.50	-	-	-	-	-	-	Field
	2	GUIDDAM	673.260	Permanent	59.9	1x59.9	7.32	0.50	-	-	-	-	-	-	Field
	1	ZITANGA	679.572	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	-	-	Field
	1	PAGGA	680.452	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	-	-	Field
	2	PANICUAN	683.977	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	-	-	Field
	2	CAROROMAN	685.237	Permanent	21.0	1x21.0	7.32	0.50	-	-	-	-	-	-	Field
	2	PATTUNG	686.507	Permanent	14.0	1x14.0	7.32	0.50	-	-	-	-	-	-	Field
21-12E	1	ZINARAG	688.165	Bailey	15.0	1x15.0	3.50	0.50	-	-	-	-	-	-	Field
	1	PARUDDUN	695.739	Bailey	6.0	2x 3.0	3.50	0.50	-	-	-	-	-	-	Field
	2	CALINTAAN CAGAYAN RIVER	696.274	Bailey	21.0	7x 3.0	3.50	0.50	-	-	-	-	-	-	Field
		599.500	None	999.0											Field

Province : Cagayan Road Number : 21-21 Road Name : Cagayan-Apayao Road
 Road Class : National Length : 70.723 km (From 484.015 km to 554.738 km)

Road Data

Link section No.	Sub- No.	Length (km)	Station		Terrain	Carrieway			Shoulder/Sidekick			Substandard Alignment		Disaster Potential		Survey Method	
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Section (m)	Type (m)	Type (m)			
21-21A	1	0.765	484.015	484.780	Flat	Concrete	6.10	U-const	Gravel	2.00	-	-	-	-	-	Field	
	2	2.540	484.780	487.320	Flat	Asphalt	6.70	Fair	Gravel	1.50	-	-	-	-	-	Field	
	3	0.300	487.320	487.620	Rolling	Asphalt	6.70	Fair	Gravel	1.50	-	-	-	-	-	Field	
21-21B	1	0.450	487.620	488.070	Rolling	Asphalt	6.70	Fair	Gravel	1.50	-	-	-	-	-	Field	
	2	0.780	488.070	488.850	Rolling	Asphalt	7.00	Fair	Gravel	1.50	-	-	-	-	-	Field	
	3	0.674	488.850	489.524	Flat	Concrete	6.70	Fair	Gravel	1.50	-	-	-	-	-	Field	
	4	0.536	489.524	490.060	Flat	Asphalt	7.00	Fair	Gravel	1.50	-	-	-	-	-	Field	
21-21C	5	1.160	490.060	491.220	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	-	-	-	Field	
	6	2.080	491.220	493.300	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	-	-	-	Field	
	7	8.907	493.300	502.207	Rolling	Concrete	6.10	Good	Gravel	1.50	-	-	-	-	-	Field	
	8	0.968	502.207	503.175	Flat	Concrete	6.10	Good	Gravel	2.00	-	-	-	-	-	Field	
	9	9.685	503.175	512.860	Rolling	Concrete	6.10	Good	Gravel	2.00	-	-	-	-	-	Field	
	10	0.965	512.860	513.825	Flat	Concrete	6.10	Good	Gravel	2.00	-	-	-	-	-	Field	
	11	1.745	513.825	515.570	Rolling	Concrete	6.10	Good	Gravel	2.00	-	-	-	-	-	Field	
	12	7.790	515.570	516.360	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	-	-	-	Field	
	21-21D	1	0.494	516.360	524.150	Flat	Concrete	6.10	U-const	Gravel	1.50	-	-	-	-	-	Field
		2	0.300	524.150	524.644	Flat	Asphalt	6.10	Fair	Gravel	1.00	-	-	-	-	-	Field
	21-21E	1	3.996	524.644	524.944	Flat	Asphalt	6.10	Fair	Gravel	1.00	-	-	-	-	-	Field
		2	3.996	524.944	528.940	Flat	Gravel	6.00	U-const	Gravel	1.00	-	-	-	-	-	Field
3		1.300	528.940	530.240	Rolling	Gravel	6.00	U-const	Gravel	1.00	-	-	-	-	-	Field	
4		1.260	530.240	531.500	Rolling	Gravel	6.00	U-const	Gravel	1.00	-	-	-	-	-	Field	
21-21F	5	0.500	531.500	532.000	Rolling	Gravel	6.00	U-const	Gravel	1.00	200	-	-	-	-	Field	
	6	1.800	532.000	533.800	Flat	Gravel	6.00	U-const	Gravel	1.00	-	-	-	-	-	Field	
	7	4.015	533.800	537.815	Rolling	Gravel	6.00	U-const	Gravel	1.00	-	-	-	-	-	Field	
	8	5.585	537.815	543.400	Mount's	Gravel	6.00	U-const	Gravel	1.00	-	-	-	-	-	Hearing	
	1	7.400	543.400	550.800	Mount's	Gravel	6.00	U-const	Gravel	1.00	-	-	-	-	-	Hearing	
	2	3.938	550.800	554.738	Mount's	Gravel	6.00	Impass.	Gravel	1.00	-	-	-	-	-	Hearing	

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub- No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge		Approach		Survey Method
				Type	Length (m)	Length (m)	Width (m)	Width (m)	Width (m)	Width (m)	Slab	Side	Opp.	
21-21A	2	BUNTUN	486.883	Permanent	1098.0	1x12.0	7.32	0.50	-	-	-	-	-	Field
						14x74.0	2x25.0	-	-	-	-	-	-	-
21-21B	1	CARAG	488.033	Permanent	21.8	1x21.8	7.32	0.50	-	-	-	-	Field	

Bridge Data (Continued)

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- age way Width (m)	Side- walk Width (m)	Bridge Damage		Approach Damage		Survey Method
									Slab	Superst.	MHL Side	Opp. Side	
21-21B	2	CARANGIAN	488.673	Permanent	30.8	1x30.8	7.32	0.50	-	-	-	-	Field
	6	LINGU	491.300	Permanent	30.0	2x15.0	7.42	0.50	-	-	-	-	Field
	7	PANGUL	497.783	Permanent	136.8	8x17.1	7.42	0.50	-	-	-	-	Field
21-21C	11	ITAMES	514.014	Spillway	273.0	39x 7.0	4.00	-	-	-	-	-	Field
	1	TUAO-ORAG	518.039	Spillway	42.0	6x 7.0	4.00	-	-	-	-	-	Field
	1	SARABAY	521.107	Bailey	12.0	2x 6.0	3.50	-	-	-	-	-	Hearing
21-21D	1	MUNGO	523.315	Permanent	15.0	1x15.0	6.70	0.40	U-con.	U-con.	-	-	Field
	2	BULAGAO 1	525.483	Bailey	24.0	4x 6.0	3.50	-	-	-	-	-	Field
	2	BULAGAO 2	526.625	Bailey	12.0	2x 6.0	3.50	-	-	-	-	-	Field
2	BULAGAO 3	527.154	Timber	12.0	2x 6.0	3.50	-	-	-	-	-	Field	
6	GADANGAO	532.647	Permanent	20.0	1x20.0	6.70	0.40	-	-	-	-	Field	
7	MAUANAN 1	535.366	Permanent	32.0	2x16.0	6.70	0.40	-	-	-	-	Field	
7	MAUANAN 2	536.315	Bailey	15.0	1x15.0	3.50	-	-	-	-	-	Field	
7	MATALAG RIVER	537.815	Ford Cr.	200.0	-	-	-	-	-	-	-	Field	
8	ILLURU 1	539.777	Bailey	15.0	5x 3.0	3.50	-	-	-	-	-	Hearing	
8	ILLURU 2	540.324	Bailey	9.0	3x 3.0	3.50	-	-	-	-	-	Hearing	
8	ILLURU 3	541.338	Bailey	15.0	5x 3.0	3.50	-	-	-	-	-	Hearing	
8	GAGABUTAN 1	542.715	Timber	6.0	1x 6.0	3.50	-	-	-	-	-	Hearing	
8	GAGABUTAN 2	542.735	Timber	6.0	1x 6.0	3.50	-	-	-	-	-	Hearing	
8	GAGABUTAN 3	542.908	Bailey	21.0	7x 3.0	3.50	-	-	-	-	-	Hearing	
8	GAGABUTAN 4	543.735	Bailey	24.0	8x 3.0	3.50	-	-	-	-	-	Hearing	
21-21E	1	BATU 1	546.717	Bailey	6.0	2x 3.0	3.50	-	-	-	-	-	Hearing
	1	BATU 2	546.997	Bailey	6.0	1x 6.0	3.50	-	-	-	-	-	Hearing
	1	BAGSAT	548.412	Bailey	6.0	1x 6.0	3.50	-	-	-	-	-	Hearing
1	LIMA	548.994	Timber	36.0	6x 6.0	3.50	-	-	-	-	-	Hearing	
1	MABANG 1	550.058	Timber	6.0	1x 6.0	3.50	-	-	-	-	-	Hearing	
1	MABANG 2	550.206	Timber	6.0	1x 6.0	3.50	-	-	-	-	-	Hearing	

Province : Cagayan
Road Class : National

Road Number : 21-22
Road Name : Bangag-Allacapan-Magapit Road
Length : 28.240 km (From 687.008 km to 715.248 km)

Road Data

Link section No.	Sub-section No.	Sub-section Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Sidewalk		Substandard Alignment		Disaster Potential Section		Survey Method
			From	To		Type	Width (m)	Type	Width (m)	Type	Width (m)	Type	Width (m)	
21-22A	1	4.354	687.008	691.362	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	-	Field
	2	2.812	691.362	694.174	Flat	Concrete	6.70	Good	Gravel	2.00	-	-	-	Field
	3	4.535	694.174	698.709	Flat	Concrete	6.70	Good	Gravel	1.00	-	-	-	Field
	4	1.542	698.709	700.251	Flat	Concrete	6.70	Good	Earth	1.00	-	-	-	Field
	5	3.174	700.251	703.425	Flat	Concrete	6.70	Good	Earth	2.00	-	-	-	Field
	6	1.815	703.425	705.240	Rolling	Concrete	6.70	Good	Gravel	1.50	-	-	-	Field
21-22B	1	4.208	705.240	709.448	Flat	Concrete	6.70	Good	Gravel	1.50	-	-	-	Field
	2	0.600	709.448	710.048	Flat	Concrete	6.70	Good	Gravel	2.00	-	-	-	Field
	3	5.200	710.048	715.248	Rolling	Concrete	6.70	Good	Gravel	1.00	-	-	-	Field

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- age way walk Width (m)	Bridge Damage		Approach Damage		Survey Method
								Slab	Superst. (m)	MLL Side	Opp. Side (m)	
21-22A	2	MATUCAY 1	691.840	Permanent	22.0	1x22.0	7.32	0.50	-	-	-	Field
	2	MATUCAY 2	691.952	Permanent	22.0	1x22.0	7.32	0.50	-	-	-	Field
	2	MALARAM	692.880	Permanent	16.0	1x16.0	7.32	0.50	-	-	-	Field
	2	BULO	693.781	Permanent	18.5	1x18.5	7.32	0.50	-	-	-	Field
	3	ALLACAPAN 1	697.097	Permanent	16.0	1x16.0	7.32	0.50	-	-	-	Field
	3	ALLACAPAN 2	697.672	Permanent	25.0	1x25.0	7.32	0.50	-	-	-	Field
	3	LABBEN	698.432	Permanent	16.0	1x16.0	7.32	0.50	-	-	-	Field
	5	MALUYO 1	701.619	Permanent	22.0	1x22.0	7.32	0.50	-	-	-	Field
	5	MALUYO 2	701.634	Permanent	22.0	1x22.0	7.32	0.50	-	-	-	Field
	5	MALUYO 3	702.039	Permanent	22.0	1x22.0	7.32	0.50	-	-	-	Field
21-22B	5	IRINGAN	703.304	Permanent	20.5	1x20.5	7.32	0.50	-	-	-	Field
	1	CURRIMAO	707.335	Permanent	30.9	1x30.9	7.32	0.50	-	-	-	Field
	1	LALAFUGAN	707.794	Permanent	30.9	1x30.9	7.32	0.50	-	-	-	Field
	3	ALAGUA	710.423	Permanent	30.9	1x30.9	7.32	0.50	-	-	-	Field
	3	MAGAPIT SUS.	714.860	Permanent	375.6	2x37.4 1x44.6 1x293.6	7.32	0.76	-	-	-	Field

Province : Cagayan
Road Class : National

Road Number : 21-23 Road Name : Dugo-San Vicente Road
Length : 72.072 km (From 570.250 km to 642.322 km)

Road Data

Link section No.	Sub- No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment Section (m)	Disaster Potential Section Type (m)	Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)			
21-23A	1	3.327	570.250	573.577	Flat	Concrete	6.10	Good	Gravel	1.00	-	Field
	2	2.218	573.577	575.795	Flat	Concrete	6.10	Good	Gravel	1.50	-	Field
	3	0.675	575.795	576.470	Flat	Concrete	6.10	Good	Gravel	1.00	-	Field
	4	3.713	576.470	580.183	Flat	Concrete	6.10	Good	Gravel	1.00	-	Field
	5	3.568	580.183	583.751	Flat	Concrete	6.10	Good	Gravel	1.50	-	Field
	6	2.025	583.751	585.776	Flat	Concrete	6.10	Good	Gravel	1.50	-	Field
	7	9.740	585.776	595.516	Flat	Concrete	6.10	Good	Gravel	1.00	-	Field
	8	0.628	595.516	596.144	Rolling	Concrete	6.10	Good	Gravel	1.00	-	Field
21-23B	1	5.931	596.144	602.075	Flat	Concrete	6.10	Good	Gravel	1.50	-	Field
	2	1.398	602.075	603.473	Rolling	Gravel	8.00	Bad	-	-	-	Field
	3	0.627	603.473	604.100	Flat	Concrete	6.10	U-const	Gravel	1.00	-	Field
	4	8.660	604.100	612.760	Flat	Concrete	6.10	U-const	Gravel	1.00	-	Field
	5	29.562	612.760	642.322	Flat	Gravel	8.00	Fair	-	-	-	Field

Bridge Data

Link section No.	Sub- No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Side- Carri- away Width (m)	Side- way Width (m)	Bridge Damage		Approach Damage		Survey Method
									Slab	Superst. (m)	Subst. (m)	MHL Side (m)	
21-23A	1	AFUNAN 1	572.630	Permanent	6.0	1x 6.0	7.32	0.50	-	-	-	-	Field
	1	AFUNAN 2	573.490	Permanent	6.0	1x 6.0	7.32	0.50	-	-	-	-	Field
	2	ZIMINILA 1	574.180	Permanent	24.0	1x24.0	7.32	0.50	-	-	-	-	Field
	2	ZIMINILA 2	574.450	Permanent	21.0	1x21.0	7.32	0.50	-	-	-	-	Field
	2	LUCC	575.470	Permanent	16.0	1x16.0	7.32	0.50	-	-	-	-	Field
	2	ABAGAO 1	575.750	Permanent	12.0	2x 6.0	7.32	0.50	-	-	-	-	Field
	4	ABAGAO 2	576.560	Permanent	12.0	2x 6.0	7.32	0.50	-	-	-	-	Field
	4	CULLIT 1	576.750	Permanent	12.0	2x 6.0	7.32	0.50	-	-	-	-	Field
	4	CULLIT 2	577.720	Permanent	6.0	1x 6.0	7.32	0.50	-	-	-	-	Field
	4	CULLIT 3	577.820	Permanent	12.0	2x 6.0	7.32	0.50	-	-	-	-	Field
	4	CULLIT 4	577.998	Permanent	6.0	1x 6.0	7.32	0.50	-	-	-	-	Field
	4	CAMANAUAN	578.255	Permanent	6.0	1x 6.0	7.32	0.50	-	-	-	-	Field
	4	DALAYA 1	579.160	Permanent	6.0	1x 6.0	7.32	0.50	-	-	-	-	Field
	4	DALAYA 2	579.560	Permanent	6.0	1x 6.0	7.32	0.50	-	-	-	-	Field
5	AGGUNGAN	582.400	Permanent	24.0	1x24.0	7.32	0.50	-	-	-	-	Field	
6	NAMAYACAN	585.132	Permanent	24.0	1x24.0	7.32	0.50	-	-	-	-	Field	
6	BANURBUR	585.578	Permanent	45.0	3x15.0	7.32	0.50	-	-	-	-	Field	
7	MADALLERO	585.871	Permanent	21.0	1x21.0	7.32	0.50	-	-	-	-	Field	
7	ARAGAO	588.270	Permanent	10.0	1x10.0	7.32	0.50	-	-	-	-	Field	

Bridge Data (Continued)

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
							Width (m)	Width (m)	Slab	Superst.	Subst.	MHL Side (m)	
21-23A	7	ILINALI	590.173	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	Field
	7	PALAGAO	591.519	Permanent	43.4	1x14.9 1x14.3	7.32	0.50	-	-	-	-	Field
21-23B	7	SIMPATUYO	592.036	Permanent	38.2	1x18.8 2x 9.7	7.32	0.50	-	-	-	-	Field
	7	STA. TERESITA	592.541	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	Field
	7	NAMUNIT 1	593.102	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	Field
	7	NAMUNIT 2	593.919	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	Field
	1	MISSION	596.521	Permanent	90.6	6x15.1	7.32	0.50	-	-	-	-	Field
	1	MAGBALACAN	599.098	Permanent	48.0	2x24.0	7.32	0.50	-	-	-	-	Field
	1	LALAGUDEN	599.843	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	Field
	1	PATENG 1	601.792	Permanent	12.0	1x12.0	7.32	0.50	-	-	-	-	Field
	2	PATENG 2	602.160	Permanent	100.0	4x25.0	7.32	0.50	-	-	-	-	Field
	4	MARAMAMUT	604.758	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	Hearing
	4	TAPEL 1	607.780	Permanent	75.6	5x15.1	7.32	0.50	-	-	-	-	Hearing
	4	TAPEL 2	608.782	Permanent	18.3	1x18.3	7.32	0.50	-	-	-	-	Hearing
	4	TAPEL 3	610.163	Permanent	10.0	1x10.0	7.32	0.50	-	-	-	-	Hearing
	4	IPIL	612.121	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	Hearing
	4	DANAK	612.373	Permanent	48.3	2x 9.9 1x18.9	7.32	0.50	-	-	-	-	Hearing
	21-23C	5	AMUNITAN	613.686	Timber	18.0	1x18.0	4.00		-	-	-	-
5		MATUYEN 1	615.280	Permanent	24.0	1x24.0	7.32	0.50	-	-	-	-	Hearing
5		MATUYEN 2	615.500	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	Hearing
5		MATUYEN 3	615.873	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	Hearing
5		MATUYEN 4	616.174	Bailey	12.0	4x 3.0	4.00		-	-	-	-	Hearing
5		BAUA 1	618.225	Timber	12.0	2x 6.0	4.00		-	-	-	-	Hearing
5		BAUA 2	618.847	Permanent	129.6	6x21.6	7.32	0.50	-	-	-	-	Hearing
5		SAN JOSE	619.675	Permanent	15.0	1x15.0	7.32	0.50	-	-	-	-	Hearing
5		ALUTAN 1	620.666	Timber	6.0	1x 6.0	4.00		-	-	-	-	Hearing
5		ALUTAN 2	621.066	Timber	6.0	1x 6.0	4.00		-	-	-	-	Hearing
5		CASAMBALANGAN	624.060	Timber	90.0	15x 6.0	4.00		-	-	-	-	Hearing
5		LIMBOS 1	624.371	Timber	18.0	3x 6.0	4.00		-	-	-	-	Hearing
5		LIMBOS 2	624.527	Timber	6.0	1x 6.0	4.00		-	-	-	-	Hearing
5		LIMBOS 3	624.848	Bailey	12.0	1x12.0	4.00		-	-	-	-	Hearing
5		PUNTI 1	625.857	Timber	6.0	1x 6.0	4.00		-	-	-	-	Hearing
5		PUNTI 2	626.037	Permanent	105.0	3x35.0	7.32	0.50	-	-	-	-	Hearing
5	RACAT 1	628.976	Timber	24.0	4x 6.0	4.00		-	-	-	-	Hearing	
5	RACAT 2	629.455	Timber	6.0	1x 6.0	4.00		-	-	-	-	Hearing	
5	RACAT 3	629.903	Timber	6.0	1x 6.0	4.00		-	-	-	-	Hearing	
5	ZINUNGAN	631.118	Bailey	45.0	3x15.0	4.00		-	-	-	-	Hearing	
5	DIORA	632.195	Permanent	45.0	3x15.0	7.32	0.50	-	-	-	-	Hearing	
5	STA. ANA	636.113	Permanent	91.6	2x14.9 2x30.9	7.32	0.50	-	-	-	-	Hearing	
5	PALAUIG	637.123	Timber	6.0	1x 6.0	4.00		-	-	-	-	Hearing	

Bridge Data (Continued)

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- side- ageway Width (m)	Bridge Damage		Approach Damage		Survey Method
								Slab	Superst.	MNL Side (m)	Opp. Side (m)	
21-238	5	STA. CRUZ	638.747	Timber	90.0	15x 6.0	4.00	-	-	-	-	Hearing
	5	ST. ANTHONY	639.599	Timber	6.0	1x 6.0	4.00	-	-	-	-	Hearing

Province : Cagayan Road Number : 21-24 Road Name : Magapit-Mission Road
 Road Class : National Length : 34.254 km (From 553.616 km to 587.870 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment		Disaster Potential		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type	Section (m)	
21-24A	1	0.884	553.616	554.500	Rolling	Gravel	6.00	Fair	-	-	-	-	-	Field
	2	2.219	554.500	556.719	Rolling	Gravel	6.00	Fair	-	-	-	-	-	Hearing
21-24B	1	2.281	556.719	559.000	Mount's	Gravel	6.00	Bad	-	-	-	-	-	Hearing
	2	15.000	559.000	574.000	Rolling	Gravel	6.00	Fair	-	-	-	-	-	Hearing
	3	3.000	574.000	577.000	Rolling	Earth	5.00	Bad	-	-	-	-	-	Hearing
	4	8.000	577.000	585.000	Mount's	Earth	5.00	Bad	-	-	-	-	-	Hearing
	5	2.870	585.000	587.870	Rolling	Gravel	6.00	Fair	-	-	-	-	-	Field

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Span		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MWL Side (m)	Opp. Side (m)	
21-24B	2	BARBARIT	559.437	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	-	-	Hearing
	2	MAHMIT 1	561.158	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	-	-	Hearing
	2	MAHMIT 2	561.169	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	-	-	Hearing
	2	NAGSABARAN	568.369	Permanent	45.0	3x15.0	7.32	0.50	-	-	-	-	-	Hearing
3	ALUCAO	575.749	Permanent	45.0	3x15.0	7.32	0.50	-	-	-	-	-	Hearing	
4	4	GULASTING	582.645	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	-	-	Hearing
	4	MASI	584.620	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	-	-	Hearing

Province : Cagayan Road Number : 21-25 Road Name : Jct. Gattaran-Capissayan-Sts. Margarita-Bolos Pt.
 Road Class : National Length : 97.643 km (From 543.288 km to 640.931 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station (km)		Terrain	Carriageway			Shoulder/Side-walk			Substandard Alignment		Disaster Section	Potential	Survey Method
			From	To		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Type (m)			
21-25A	1	0.382	543.288	543.670	Rolling	Gravel	6.00	Fair	-	-	-	-	-	-	-	Field
	2	1.430	543.670	545.100	Flat	Gravel	7.00	Fair	-	-	-	-	-	-	-	Field
	3	10.350	545.100	555.450	Flat	Gravel	8.00	Fair	-	-	-	-	-	-	-	Field
	4	1.140	555.450	556.590	Flat	Gravel	10.00	Fair	-	-	-	-	-	-	-	Field
	5	0.950	556.590	557.540	Rolling	Gravel	8.00	Fair	-	-	-	-	-	-	-	Field
	6	1.140	557.540	558.680	Flat	Gravel	8.50	Fair	-	-	-	-	-	-	-	Field
	7	2.560	558.680	561.240	Flat	Gravel	8.00	Fair	-	-	-	-	-	-	-	Field
	8	1.570	561.240	562.810	Flat	Gravel	7.60	Fair	-	-	-	-	-	-	-	Field
	9	1.290	562.810	564.100	Flat	Gravel	6.50	Fair	-	-	-	-	-	-	-	Field
	10	1.040	564.100	565.140	Flat	Gravel	4.00	Bad	-	-	-	-	-	-	-	Field
	11	2.180	565.140	567.320	Rolling	Gravel	5.00	Fair	-	-	-	-	-	-	-	Field
	21-25B	1	1.050	567.320	568.370	Flat	Gravel	4.00	Fair	-	-	-	-	-	-	-
2		1.040	568.370	569.410	Rolling	Gravel	4.00	Fair	-	-	-	-	-	-	-	Field
3		1.430	569.410	570.840	Flat	Gravel	4.00	Fair	-	-	-	-	-	-	-	Field
4		3.515	570.840	574.355	Rolling	Gravel	4.00	Fair	-	-	-	-	-	-	-	Field
5		1.425	574.355	575.780	Rolling	Gravel	4.00	Bad	-	-	-	-	-	-	-	Field
6		1.995	575.780	577.775	Mount's	Gravel	4.00	Bad	-	-	-	-	-	-	-	Field
7		1.805	577.775	579.580	Flat	Gravel	5.00	Fair	-	-	-	-	-	-	-	Field
8		1.520	579.580	581.100	Flat	Gravel	6.00	Fair	-	-	-	-	-	-	-	Field
9		0.760	581.100	581.860	Flat	Gravel	6.00	Fair	-	-	-	-	-	-	-	Field
10		1.140	581.860	583.000	Flat	Gravel	6.00	Bad	-	-	-	-	-	-	-	Field
11		5.000	583.000	588.000	Flat	Gravel	6.00	Fair	-	-	-	-	-	-	-	Field
21-25C		1	3.000	588.000	591.000	Rolling	Earth	3.00	V.Bad	-	-	-	-	-	-	-
	2	22.000	591.000	613.000	Mount's	Earth	3.00	V.Bad	-	-	-	-	-	-	-	Hearing
	3	27.931	613.000	640.931	Mount's	Earth	3.00	Impass.	-	-	-	-	-	-	-	Hearing
	4															

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Span Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MWL Side (m)	
21-25A	2	TAKIKI	545.098	Permanent	42.0	1x10.0	6.67	0.50	-	-	-	Field
						2x16.0						
6	CUMAO		558.275	Permanent	40.0	2x14.0	6.67	0.50	-	-	-	Field
7	BARACADIT		560.677	Permanent	14.0	1x14.0	6.67	0.50	-	-	-	Field
8	ADUNAN		562.277	Permanent	34.0	2x12.0	6.67	0.50	-	-	-	Field

Bridge Data (Continued)

Link section No.	Sub- Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
						Width (m)	Width (m)	Slab	Superst.	Subst.	MNL Side (m)	
21-25B	2 CAPISSAYAN	565.758	Ford Cr.	10.0								Field
	6 SAN CARLOS	574.150	Timber	15.0	1x15.0	6.67	High	High				Field
	10 BURRAYAN	580.300	Timber	5.0	1x 5.0	6.67						Field
	10 RACARAG	580.384	Timber	10.0	1x10.0	6.67						Field
	10 REMUS	580.884	Ford Cr.	30.0								Field

Province : Cagayan
 Road Class : National
 Road Number : 21-26
 Road Name : Magapit-Capisseyan Road
 Length : 6.481 km (From 556.719 km to 563.200 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carriageway		Shoulder/Side-walk		Substandard Alignment		Disaster Potential		Survey Method
		From (km)	To (km)		Type	Width (m)	Type	Width (m)	Type	Section (m)	Type	Section (m)	
21-26	1	3.281	556.719-560.000	Mount's	Gravel	6.00	Fair	-	-	-	-	-	Hearing
	2	3.200	560.000-563.200	Rolling	Gravel	6.00	Bad	-	-	-	-	-	Hearing

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge Damage		Approach Damage		Survey Method
			Type	Length (m)	Length (m)	Width (m)	ageway walk Width (m)	Width slab (m)	MNL Side (m)	Opp. Side (m)	MNL Side (m)	Opp. Side (m)	
21-26	2 BANGAN 1	560.312	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	-	-	Hearing
	2 BANGAN 2	560.562	Permanent	30.0	2x15.0	7.32	0.50	-	-	-	-	-	Hearing

Province : Cagayan
 Road Class : National
 Road Number : 21-27
 Road Name : Penablanca-Callao Cave Road
 Length : 14.640 km (From 474.360 km to 489.000 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Width		Substandard Alignment		Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)	Type (m)	Type (m)			
21-27	1	0.963	474.360	475.323	Flat	Concrete	6.10	Gravel	2.00	-	-	-	Field	
	2	0.578	475.323	475.901	Rolling	Concrete	6.10	Concrete	1.50	-	-	-	Field	
	3	4.670	475.901	480.571	Flat	Concrete	6.10	Earth	1.50	-	CS 2500	-	Field	
	4	3.420	480.571	483.991	Rolling	Concrete	6.10	Earth	1.50	-	CS 1000	-	Field	
	5	3.853	483.991	487.844	Rolling	Concrete	6.10	Gravel	1.50	-	ES 300	-	Field	
	6	1.156	487.844	489.000	Mount's	Concrete	6.10	Gravel	1.00	-	-	-	Field	

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Province : Cagayan
 Road Class : National

Road Number : 21-28 Road Name : Calog-Luna-Pudtol Road
 Length : 2.000 km (From 666.088 km to 668.088 km)

Road Data

Link No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway			Shoulder/Sidekw		Alignment		Disaster Potential		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Section (m)	Type (m)	Section (m)		
21-28	1	1.500	666.088	667.588	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	-	-	Hearing
	2	0.500	667.588	668.088	Flat	Gravel	8.00	Fair			-	-	-	-	Hearing

Province : Cagayan Road Number : 21-29 Road Name : Cadcadir-Kabugao Road
 Road Class : National Length : 5.020 km (From 599.980 km to 605.000 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carriageway		Shoulder/Sidealk		Substandard		Disaster Potential		Survey Method
		From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Alignment Section (m)	Section Type (m)	Section Type (m)	
21-29	1	2.000	599.980-601.980	Flat	Gravel	6.00	Fair	-	-	-	-	-	Hearing
	2	3.020	601.980-605.000	Flat	Gravel	5.00	Fair	-	-	-	-	-	Hearing

Bridge Data

Link section No.	Sub-section Bridge Name	Station (km)	Bridge		Span		Carri- Side-		Bridge Damage		Approach Damage		Survey Method
			Type	Length (m)	Length (m)	Width (m)	Width (m)	Slab	Superst. Subst.	MNL Side (m)	Opp. Side (m)	Side Method (m)	
21-29	1 CADCADIR 1	600.000	Timber	30.0	5x 6.0	4.00	0.50	-	-	-	-	-	Hearing
	1 CADCADIR 2	600.501	Timber	6.0	1x 6.0	4.00	0.50	-	-	-	-	-	Hearing
	1 CADONGDONGAN 1	601.961	Timber	18.0	3x 6.0	4.00	0.50	-	-	-	-	-	Hearing
	2 CADONGDONGAN 2	602.761	Timber	12.0	2x 6.0	4.00	0.50	-	-	-	-	-	Hearing

Province : Cagayan Road Number : 21-30 Road Name : Cagayan-Kalinga Road
 Road Class : National Length : 20.061 km (From 487.620 km to 507.681 km)

Road Data

Link section No.	Sub- No.	Length (km)	Station (km)		Terrain	Carriageway		Shoulder/Sidewalk		Substandard		Disaster Potential		Survey Method
			From	To		Type	Width (m)	Condition	Type	Width (m)	Alignment Section (m)	Type (m)	Type (m)	
21-30A	1	2.050	487.620	489.670	Rolling	Asphalt	6.10	Fair	Gravel	1.50	-	-	-	Field
	2	3.475	489.670	493.145	Rolling	Gravel	8.50	Fair	-	-	-	-	-	Field
	3	0.385	493.145	493.530	Rolling	Gravel	10.00	Fair	-	-	-	-	-	Field
	4	0.380	493.530	493.910	Flat	Gravel	9.00	Fair	-	-	-	-	-	Field
	5	1.710	493.910	495.620	Rolling	Gravel	8.50	Fair	-	-	-	-	-	Field
	6	3.242	495.620	498.862	Flat	Gravel	8.50	Fair	-	-	-	-	-	Field
21-30B	1	1.883	498.862	500.745	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	-	Field
	2	1.785	500.745	502.530	Mount's	Concrete	6.10	Good	Gravel	1.50	100	CS	400	Field
	3	0.990	502.530	503.520	Rolling	Concrete	6.10	Good	Gravel	1.50	-	-	-	Field
	4	1.190	503.520	504.710	Mount's	Concrete	6.10	Good	Gravel	1.50	-	-	-	Field
	5	2.160	504.710	506.870	Rolling	Concrete	6.10	Good	Gravel	1.50	-	-	-	Field
	6	0.811	506.870	507.681	Rolling	Concrete	6.10	Fair	Gravel	1.50	-	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub- No.	Bridge Name	Station (km)	Bridge		Carri- Side- ageway walk		Bridge Damage		Approach Damage		Survey Method
				Type	Length (m)	Span Length (m)	Width (m)	Slab Width (m)	Subst. (m)	MNL Side (m)	Opp. Side (m)	
21-30A	4	DAPANG	493.753	Permanent	24.0	1x24.0	7.32	0.40	-	-	-	Field
	4	CABULUAN	503.579	Permanent	24.0	1x24.0	7.32	0.40	-	-	-	Field
	5	BRIDGE I	505.777	Permanent	20.0	2x10.0	6.70	0.30	-	-	-	Field
21-30B	6	LIWAN	507.277	Permanent	24.0	4x 6.0	7.32	0.40	-	-	-	Field

Province : Cagayan Road Number : 21-31 Road Name : Enrile-Sta. Maria Road
 Road Class : National Length : 3.700 km (From 498.862 km to 502.562 km)

Road Data

Link section No.	Sub- No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sideawk		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
21-31	1	3.700	498.862	502.562	Flat	Gravel	10.00	Fair	-	-	-	-	Field

Province : Cagayan Road Number : 21-32 Road Name : Tuao-Abbot Section Road
 Road Class : National Length : 5.500 km (From 524.644 km to 530.144 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidek		Substandard Alignment		Disaster Potential		Survey Method
			From (km)	To (km)		Type	Width (m)	Type	Width (m)	Section	Type (m)	Section	Type (m)	
21-32	1	2.800	524.644	527.444	Flat	Gravel	7.50	Fair	-	-	-	-	-	Field
	2	1.900	527.444	529.344	Flat	Gravel	7.00	Fair	-	-	-	-	-	Field
	3	0.800	529.344	530.144	Flat	Gravel	6.00	Fair	-	-	-	-	-	Field

Province : Cagayan
 Road Class : National
 Road Number : 21-33
 Road Name : Jct. Gagabutan-Lasam-Logac Road
 Length : 64.254 km (From 705.240 km to 769.494 km)

Road Data

Link section No.	Sub-section No.	Sub-section Length (km)	Station		Terrain	Carriageway			Shoulder/SideWalk		Substandard Alignment Section		Disaster Potential Section		Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Type (m)	Type (m)	Type (m)		
21-33	1	0.500	705.240	705.740	Flat	Gravel	6.00	Fair						Field	
	2	0.850	705.740	706.590	Flat	Gravel	5.00	Fair					FR 650	Hearing	
	3	0.750	706.590	707.340	Rolling	Gravel	5.00	Fair					FR 750	Hearing	
	4	1.000	707.340	708.340	Flat	Gravel	6.00	Fair					FR 1000	Hearing	
	5	0.500	708.340	708.840	Mount's	Gravel	7.00	Fair					FR 100	Hearing	
	6	0.410	708.840	709.250	Mount's	Gravel	5.00	Fair					FR 100	Hearing	
	7	0.990	709.250	710.240	Flat	Gravel	5.00	Fair						Hearing	
	8	0.260	710.240	710.500	Rolling	Gravel	4.00	Bad						Hearing	
	9	1.490	710.500	711.990	Flat	Gravel	4.00	Bad						Hearing	
	10	0.350	711.990	712.340	Flat	Gravel	4.00	Fair						Hearing	
	11	0.400	712.340	712.740	Flat	Gravel	5.00	Bad						Hearing	
	12	0.400	712.740	713.140	Rolling	Gravel	4.00	Bad						Hearing	
	13	0.800	713.140	713.940	Flat	Gravel	5.00	Bad					FR 150	Hearing	
	14	0.700	713.940	714.640	Mount's	Gravel	5.00	Bad					FR 800	Hearing	
	15	0.400	714.640	715.040	Rolling	Gravel	5.00	Bad						Hearing	
	16	3.400	715.040	718.440	Flat	Gravel	4.00	Fair						Hearing	
	17	3.400	718.440	721.840	Flat	Gravel	5.00	Fair						Hearing	
	18	0.510	721.840	722.350	Flat	Asphalt	8.00	Fair						Hearing	
	19	0.220	722.350	722.570	Flat	Concrete	8.00	Fair						Hearing	
	20	1.530	722.570	724.100	Flat	Gravel	5.00	Fair						Hearing	
	21	2.700	724.100	726.800	Flat	Gravel	4.00	Bad						Hearing	
	22	0.900	726.800	727.700	Rolling	Gravel	4.00	Bad						Hearing	
	23	1.700	727.700	729.400	Flat	Gravel	4.00	V.Bad						Hearing	
	24	1.500	729.400	730.900	Flat	Gravel	5.00	Fair						Hearing	
	25	0.253	730.900	731.153	Flat	Gravel	5.00	V.Bad						Hearing	
	26	1.747	731.153	732.900	Flat	Gravel	4.00	Bad						Hearing	
	27	3.100	732.900	736.000	Flat	Gravel	3.00	Bad						Hearing	
	28	0.400	736.000	736.400	Rolling	Gravel	4.00	Fair						Hearing	
	29	1.200	736.400	737.600	Rolling	Gravel	3.00	Fair						Hearing	
	30	1.220	737.600	738.820	Mount's	Gravel	3.00	Fair						Hearing	
	31	30.674	738.820	769.494	Mount's	Gravel	3.00	Fair						Hearing	
								Impass.						Hearing	

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- age way Walk		Bridge Damage		Approach Damage		Survey Method
							Width (m)	Width (m)	Slab	Superst. (m)	MNL Side (m)	Opp. Side (m)	
21-33	6	BICUD	709.080	Bailey	12.0	4x 3.0	3.50	-	-	-	-	-	Hearing
	17	TUCALAN	720.760	Permanent	60.0	4x15.0	6.00	0.40	-	-	-	-	Hearing
	23	ALANNAY	727.884	Timber	18.0	3x 6.0	3.50	-	-	-	-	-	Hearing

Province : Cagayan
 Road Class : Provincial
 Road Number : 21-51
 Road Name : Jct.CVR-Baggao-Sta. Margarita Road
 Length : 45.150 km (From 512.986 km to 558.136 km)

Road Data

Link section No.	Sub-section No.	Length (km)	Station		Terrain	Carriageway			Shoulder/Sidealk		Substandard Alignment		Disaster Potential Section	Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Type (m)	Type (m)		
21-51	1	0.334	512.986	513.320	Flat	Asphalt	6.10	Bad	Gravel	1.00	-	-	Field	
	2	1.000	513.320	514.320	Flat	Gravel	10.00	Fair	-	-	-	-	Field	
	3	1.532	514.320	515.852	Flat	Gravel	7.00	Fair	-	-	-	-	Field	
	4	2.485	515.852	518.337	Flat	Gravel	7.50	Fair	-	-	-	-	Field	
	5	1.051	518.337	519.388	Mount's	Gravel	6.00	Bad	-	-	-	-	Field	
	6	1.337	519.388	520.725	Rolling	Gravel	6.00	Fair	-	-	-	-	Field	
	7	0.669	520.725	521.394	Flat	Gravel	7.00	Bad	-	-	-	-	Field	
	8	2.866	521.394	524.260	Rolling	Gravel	6.00	Bad	-	-	-	-	Field	
	9	0.287	524.260	524.547	Flat	Gravel	8.00	Bad	-	-	-	-	Field	
	10	1.623	524.547	526.170	Rolling	Gravel	6.00	Bad	-	-	-	-	Field	
	11	0.813	526.170	526.983	Flat	Gravel	6.00	Fair	-	-	-	-	Field	
	12	3.017	526.983	530.000	Rolling	Gravel	6.00	Fair	-	-	-	-	Field	
	13	1.044	530.000	531.044	Flat	Gravel	6.00	Fair	-	-	500	CS 500	Field	
	14	3.726	531.044	534.770	Rolling	Gravel	6.00	Fair	-	-	-	-	Field	
	15	2.198	534.770	536.968	Flat	Gravel	6.00	Fair	-	-	-	-	Field	
	16	0.860	536.968	537.828	Rolling	Gravel	6.00	Bad	-	-	-	-	Field	
	17	0.860	537.828	538.688	Flat	Gravel	6.00	Fair	-	-	-	-	Field	
	18	1.338	538.688	540.026	Rolling	Gravel	6.00	Fair	-	-	-	-	Field	
	19	0.659	540.026	540.695	Flat	Gravel	6.00	Fair	-	-	-	-	Field	
	20	1.625	540.695	542.320	Flat	Gravel	6.00	Fair	-	-	-	-	Field	
	21	0.572	542.320	542.892	Flat	Gravel	8.00	Fair	-	-	-	-	Field	
	22	0.958	542.892	543.850	Flat	Gravel	6.00	Bad	-	-	-	-	Field	
	23	1.250	543.850	545.100	Rolling	Gravel	6.00	Fair	-	-	-	-	Field	
	24	3.700	545.100	548.800	Flat	Gravel	7.00	Fair	-	-	-	-	Field	
	25	5.460	548.800	554.260	Mount's	Gravel	6.00	Fair	-	-	-	-	Field	
	26	2.200	554.260	556.460	Flat	Gravel	5.00	Bad	-	-	-	-	Field	
	27	1.340	556.460	557.800	Flat	Gravel	4.00	Fair	-	-	-	-	Field	
	28	0.336	557.800	558.136	Flat	Gravel	3.00	Bad	-	-	-	-	Field	

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub-section No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side- age way walk		Bridge Damage			Approach Damage		Survey Method	
							Width (m)	Width (m)	Slab	Superst.	Subst.	MNL Side (m)	Opp. Side (m)		
21-51	1	BRIDGE 1	513.225	Permanent	48.0	3x16.0	6.70	0.50	-	-	-	-	-	-	Field
	8	BRIDGE 3	522.074	Permanent	6.0	1x 6.0	6.70	0.50	-	-	-	-	-	-	Field
	8	BRIDGE 4	522.361	Permanent	6.0	1x 6.0	6.70	0.50	-	-	-	-	-	-	Field
	12	BRIDGE 5	529.250	Permanent	32.0	2x10.0	6.70	0.50	-	-	-	-	-	-	Field
						1x12.0									
	14	BRIDGE 6	533.000	Permanent	26.0	1x16.0	6.70	0.50	-	-	-	-	-	-	Field
						1x10.0									
	14	BRIDGE 7	533.315	Permanent	36.0	3x12.0	6.70	0.50	-	-	-	-	-	-	Field
	15	BRIDGE 8	536.370	Permanent	20.0	1x20.0	6.70	0.50	-	-	-	-	-	-	Field
	16	BRIDGE 9	537.285	Permanent	10.0	1x10.0	6.70	0.50	-	-	-	-	-	-	Field
	20	BRIDGE 10	540.730	Permanent	46.0	1x10.0	6.70	0.50	-	-	-	-	-	-	Field
						3x12.0									
	20	BRIDGE 11	541.350	Permanent	56.0	4x14.0	6.70	0.50	-	-	-	-	-	-	Field
	23	BRIDGE 12	544.220	Permanent	60.0	5x12.0	4.00		-	-	-	-	-	-	Field
	24	BRIDGE 13	545.130	Timber	15.0	1x15.0	6.70		-	-	Medium	-	-	-	Field
	25	BRIDGE 14	548.860	Timber	8.0	1x 8.0	6.70		-	-	-	-	-	-	Field
	27	BRIDGE 15	556.510	Ford Cr.	15.0				-	-	-	-	-	-	Field

Province : Cagayan
 Road Class : Provincial
 Road Number : 21-52
 Road Name : Miat-Sto.Nino-Nassiping Road
 Length : 28.600 km (From 518.000 km to 546.600 km)

Road Data

Link section No.	Sub- No.	Length (km)	Station		Terrain	Carriageway			Shoulder/Sidewalk			Substandard Alignment		Disaster Section	Potential Section	Survey Method
			From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Type	Width (m)	Type (m)			
21-52	1	0.960	518.000	518.960	Flat	Asphalt	6.10	Fair	Gravel	1.50	-	-	-	-	-	Field
	2	0.380	518.960	519.340	Rolling	Asphalt	6.10	Bad	Gravel	1.00	-	-	-	-	-	Field
	3	1.660	519.340	521.000	Flat	Asphalt	6.10	Fair	Gravel	1.50	-	-	-	-	-	Field
	4	1.100	521.000	522.100	Flat	Gravel	8.00	Fair	-	-	-	-	-	-	-	Field
	5	0.780	522.100	522.880	Mount's	Gravel	6.00	Fair	-	-	-	-	-	-	-	Field
	6	2.300	522.880	525.180	Rolling	Gravel	7.00	Fair	-	-	-	-	-	-	-	Field
	7	1.240	525.180	526.420	Flat	Gravel	7.00	Fair	-	-	-	-	-	-	-	Field
	8	0.860	526.420	527.280	Flat	Gravel	6.00	Fair	-	-	-	-	-	-	-	Field
	9	2.770	527.280	530.050	Rolling	Gravel	6.00	Fair	-	-	-	-	-	-	-	Field
	10	0.770	530.050	530.820	Mount's	Gravel	6.00	Fair	-	-	-	-	-	-	-	Field
	11	2.150	530.820	532.970	Flat	Gravel	7.00	Fair	-	-	-	-	-	-	-	Field
	12	2.680	532.970	535.650	Flat	Gravel	5.00	Fair	-	-	-	-	-	-	-	Field
	13	1.870	535.650	537.520	Flat	Asphalt	7.00	Fair	Gravel	0.50	-	-	-	-	-	Field
	14	1.530	537.520	539.050	Mount's	Gravel	6.00	Fair	-	-	-	-	-	-	-	Field
	15	1.620	539.050	540.670	Rolling	Gravel	5.00	Fair	-	-	-	-	-	-	-	Field
	16	0.480	540.670	541.150	Flat	Gravel	6.00	Fair	-	-	-	-	-	-	-	Field
	17	1.050	541.150	542.200	Rolling	Earth	4.00	Bad	-	-	-	-	-	-	-	Field
	18	0.580	542.200	542.780	Rolling	Gravel	5.00	Fair	-	-	-	-	-	-	-	Field
	19	3.820	542.780	546.600	Flat	Gravel	6.00	Fair	-	-	-	-	-	-	-	Field

Note : Disaster Type : CS=Cut Slope Damage, ES=Embankment Slope Damage, DF=Debris Flow, SR=Scour/Washout of Roadbed, FR=Flooding

Bridge Data

Link section No.	Sub- No.	Bridge Name	Station (km)	Bridge Type	Bridge Length (m)	Span Length (m)	Carri- Side-			Bridge Damage			Approach Damage		Survey Method	
							ageway walk	Width (m)	Width (m)	Slab	Superst.	Subst.	MNL Side (m)	Opp. Side (m)		
21-52	1	BRIDGE 1	518.100	Permanent	24.0	2x12.0	6.70	0.40	-	-	-	-	-	-	-	Field
	8	BRIDGE 2	527.280	Permanent	40.0	2x14.0	6.70	0.40	-	-	-	-	-	-	-	Field
	9	BRIDGE 3	528.710	Permanent	38.0	2x12.0	6.70	0.40	-	-	-	-	-	-	-	Field
	11	BRIDGE 4	531.010	Permanent	36.0	3x12.0	6.70	0.40	-	-	-	-	-	-	-	Field
	14	BRIDGE 5	537.700	Permanent	42.0	3x14.0	6.70	0.40	-	-	-	-	-	-	-	Field
	16	BRIDGE 6	541.150	Permanent	38.0	2x12.0	6.70	0.40	-	-	-	-	-	-	-	Field
	17	BRIDGE 7	541.820	Permanent	15.0	1x14.0	6.70	0.40	-	-	-	-	-	-	-	Field
	17	BRIDGE 8	542.000	Permanent	15.0	1x15.0	6.70	0.40	-	-	-	-	-	-	-	Field
	19	CAGAYAN RIVER	546.000	Ford Cr.	999.0	-	6.70	0.40	-	-	-	-	-	-	-	Field

Province : Cagayan
 Road Class : Provincial
 Road Number : 21-53
 Road Name : Sto. Domingo-Piat Road
 Length : 1.640 km (From 516.360 km to 518.000 km)

Road Data

Link section No.	Length (km)	Station		Terrain	Carriageway		Shoulder/Sidewalk		Substandard Alignment Section (m)	Disaster Potential Section		Survey Method
		From (km)	To (km)		Type	Width (m)	Type	Width (m)		Type (m)	Type (m)	
21-53	1	516.360	518.000	Flat	Concrete	6.10	Good	Gravel	1.50	-	-	Field

Province : Cagayan Road Number : 21-54 Road Name : Jct. Zitanga-Ballesteros-Abulog Road
 Road Class : Provincial Length : 14.300 km (From 676.848 km to 691.148 km)

Road Data

Link section No.	Sub-section Length (km)	Station		Terrain	Carriageway			Shoulder/Sideawk			Substandard			Disaster Potential			Survey Method
		From (km)	To (km)		Type	Width (m)	Condition	Type	Width (m)	Alignment Section (m)	Type	Section (m)	Type	Section (m)	Type	Section (m)	
21-54	1.200	676.848	678.048	Flat	Gravel	7.50	Fair	-	-	-	-	-	-	-	-	-	Field
	2.000	678.048	680.048	Rolling	Gravel	8.00	Fair	-	-	-	-	-	-	-	-	-	Field
	0.700	680.048	680.748	Rolling	Concrete	5.00	Bad	-	-	-	-	-	-	-	-	-	Field
	2.200	680.748	682.948	Flat	Gravel	8.00	Fair	Gravel	1.50	-	-	-	-	-	-	-	Field
	0.700	682.948	683.648	Flat	Gravel	8.00	Fair	-	-	-	-	-	-	-	-	-	Field
	0.400	683.648	684.048	Flat	Asphalt	6.00	Fair	Gravel	1.00	-	-	-	-	-	-	-	Field
	7.100	684.048	691.148	Flat	Asphalt	6.00	Fair	Gravel	1.00	-	-	-	-	-	-	-	Field

