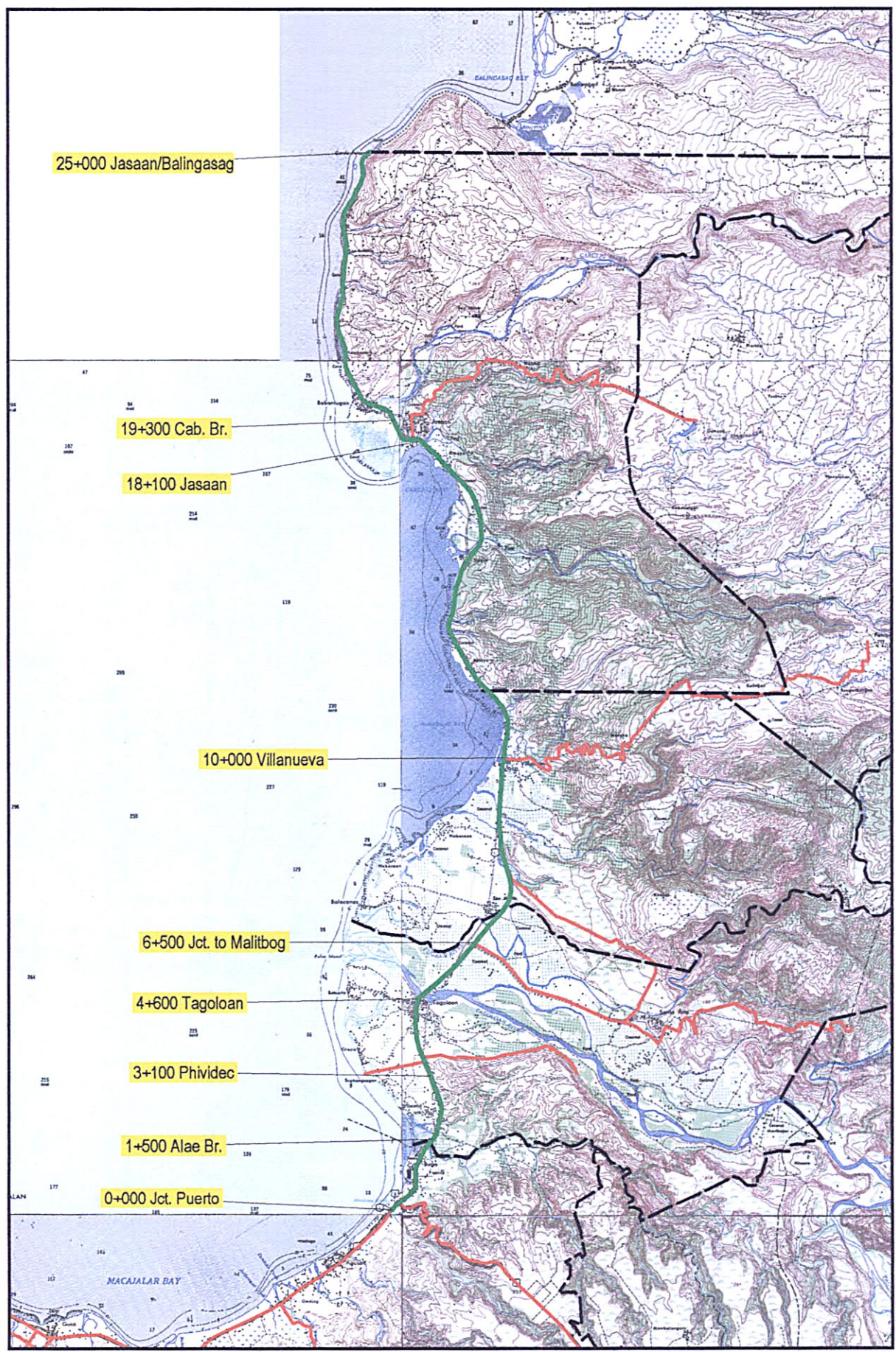


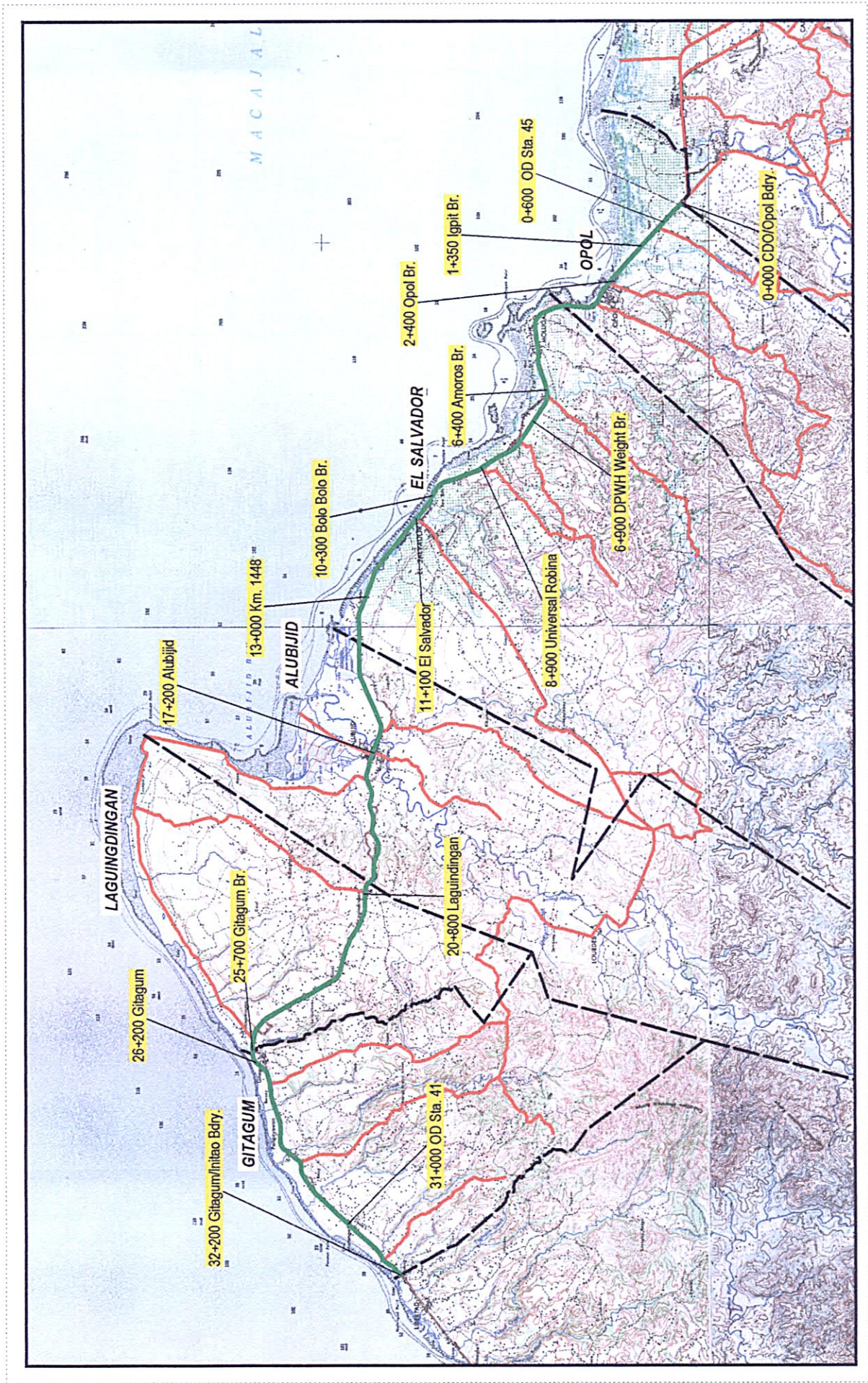
APPENDIX 4.1-1

TRAVEL TIME SURVEY ROUTE



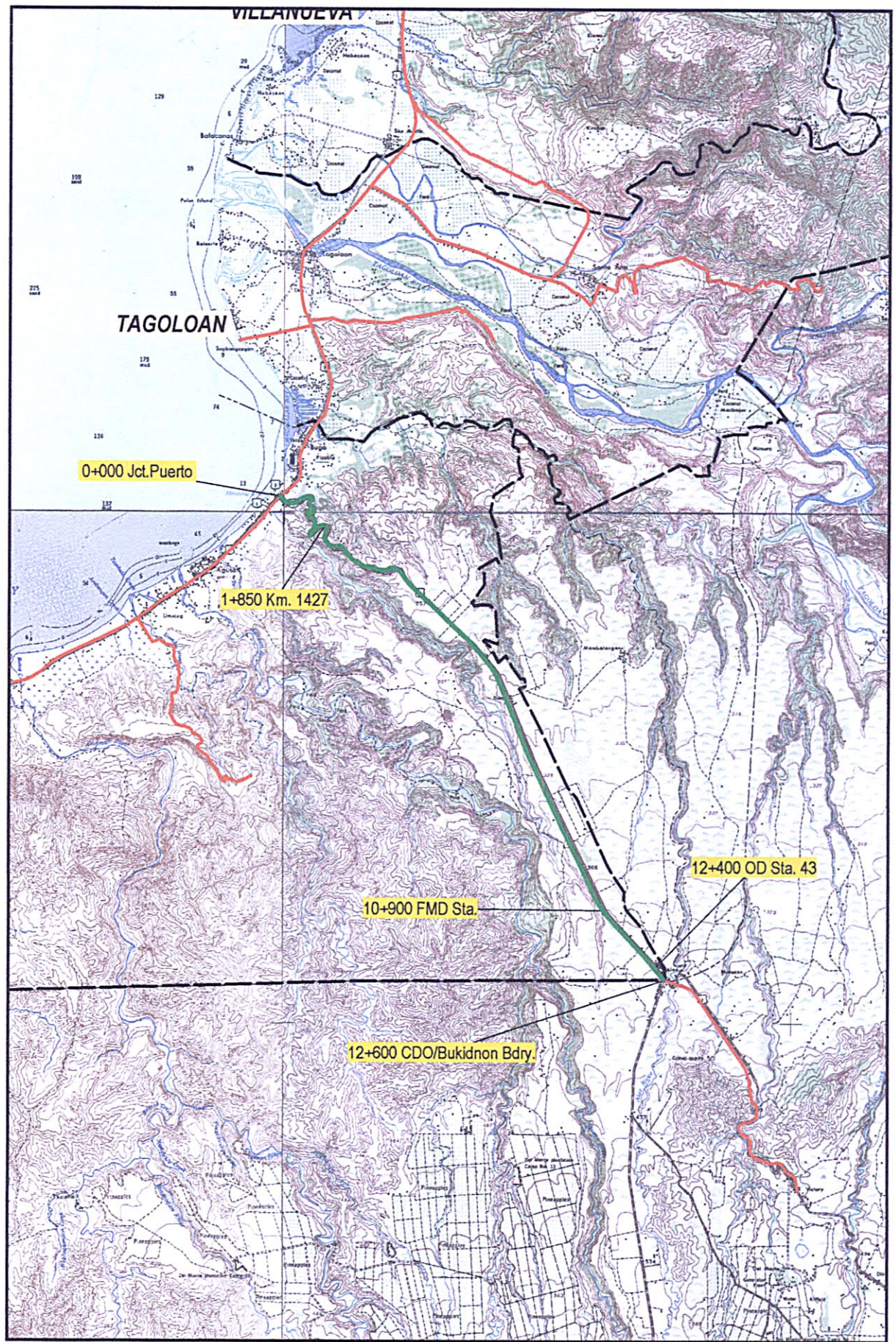
TRAVEL TIME SURVEY ROUTE

Road No. 1 - ICBR (Jct. Puerto - Jasaan/Balingasag Bdry.)



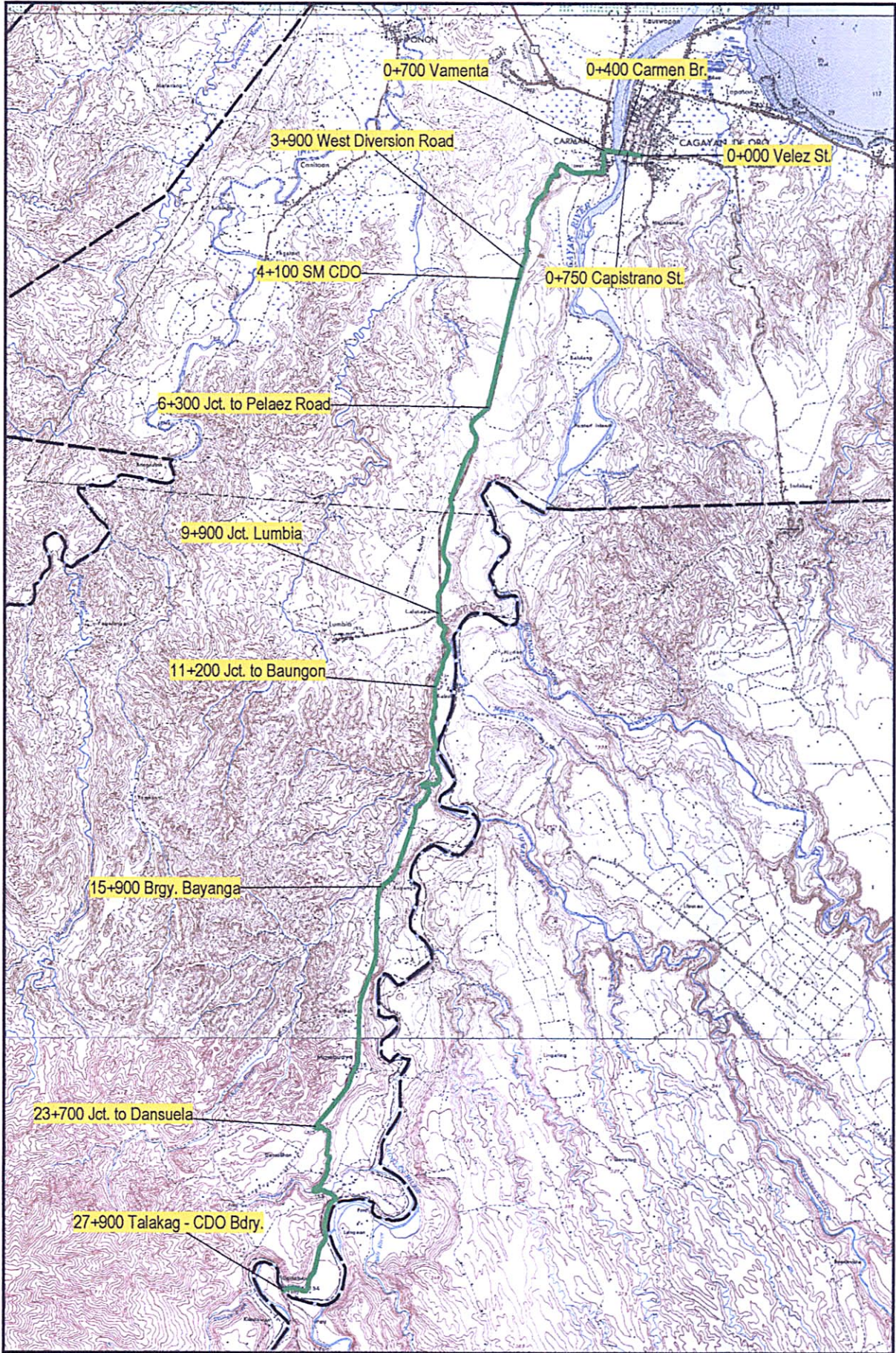
TRAVEL TIME SURVEY ROUTE

Road No. 2 - ICBR (CDO/Opol -Bdry. - Gitagum/Intao Bdry.)



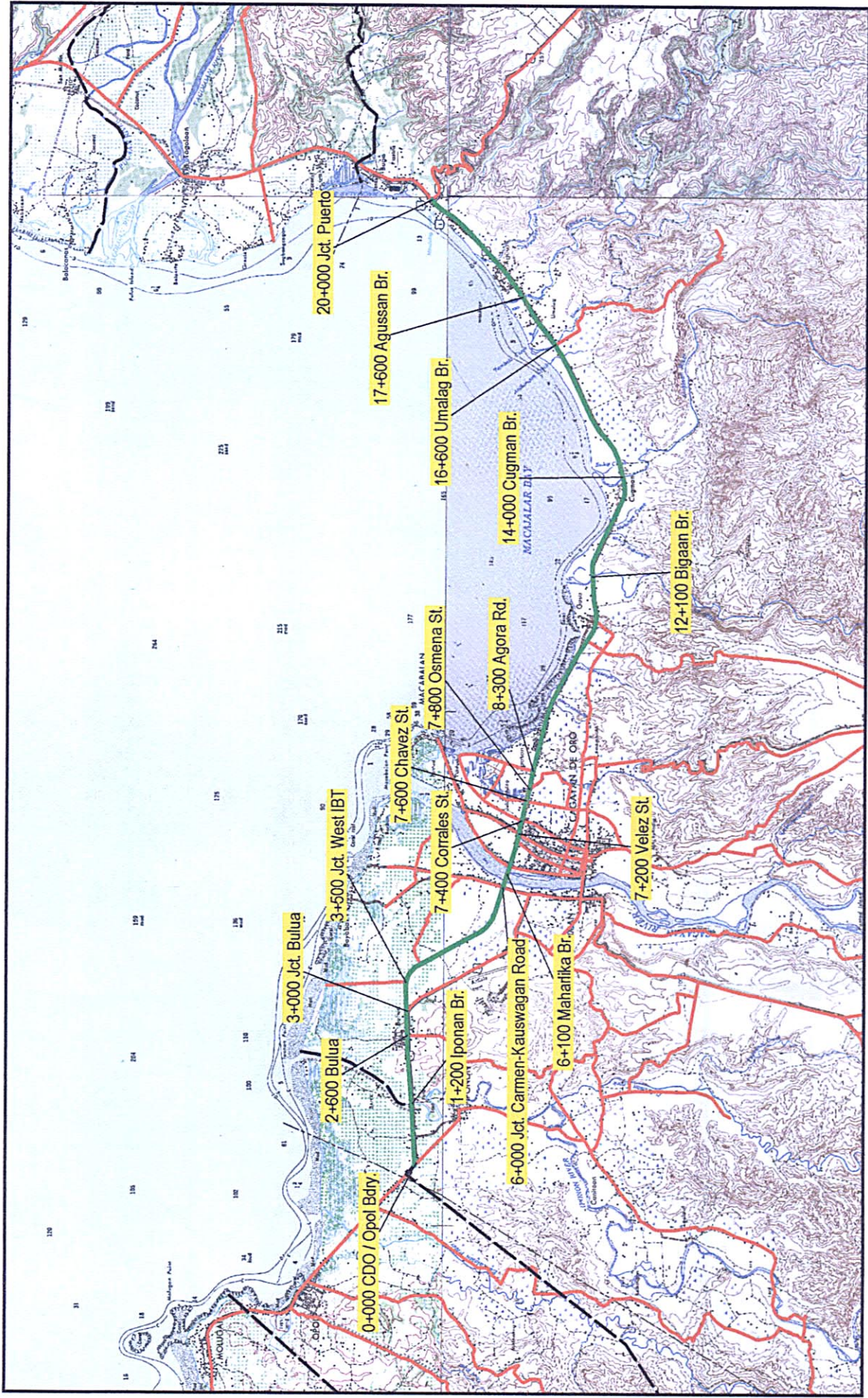
TRAVEL TIME SURVEY ROUTE

Road No. 3 - Jct. Puerto - Cagayan de Oro/ Bukidnon Bdry.



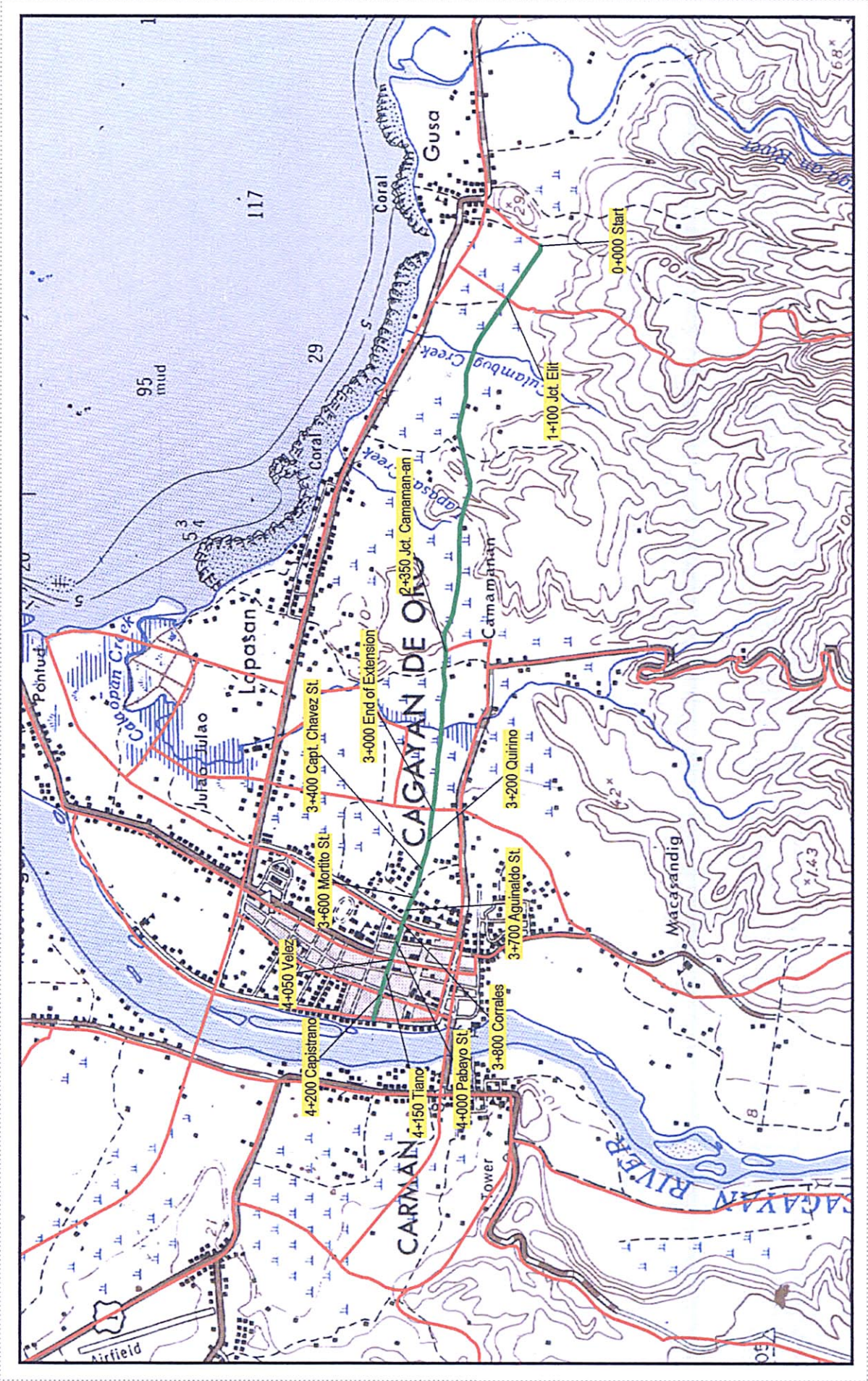
TRAVEL TIME SURVEY ROUTE

Road No. 4 - Cagayan de Oro City - Talakag Road



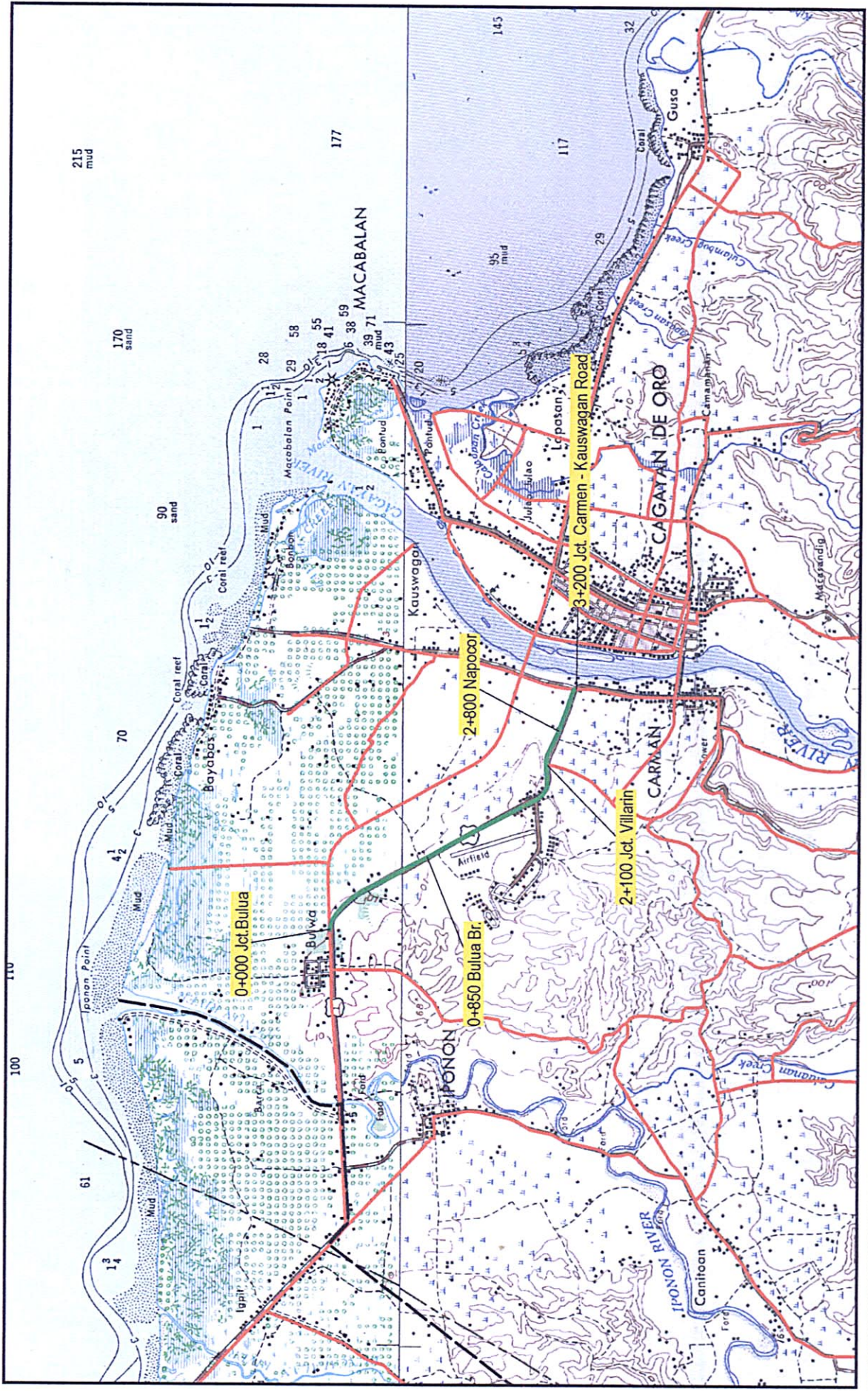
TRAVEL TIME SURVEY ROUTE

Road No. 5 - CDO/Opol Bdry. - Jct. Puerto Road



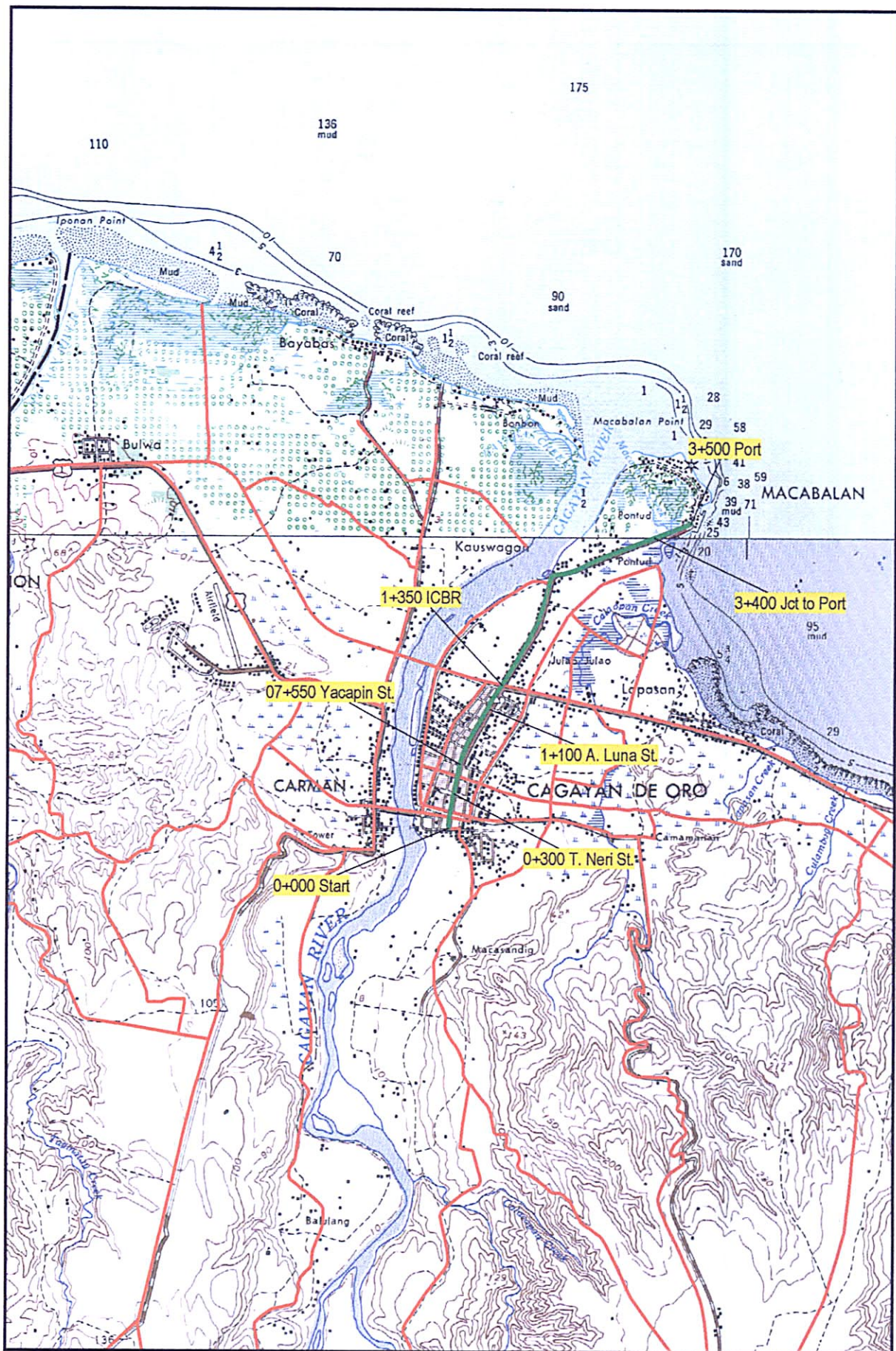
TRAVEL TIME SURVEY ROUTE

Road No. 6 - J.R. Borja Extension Road

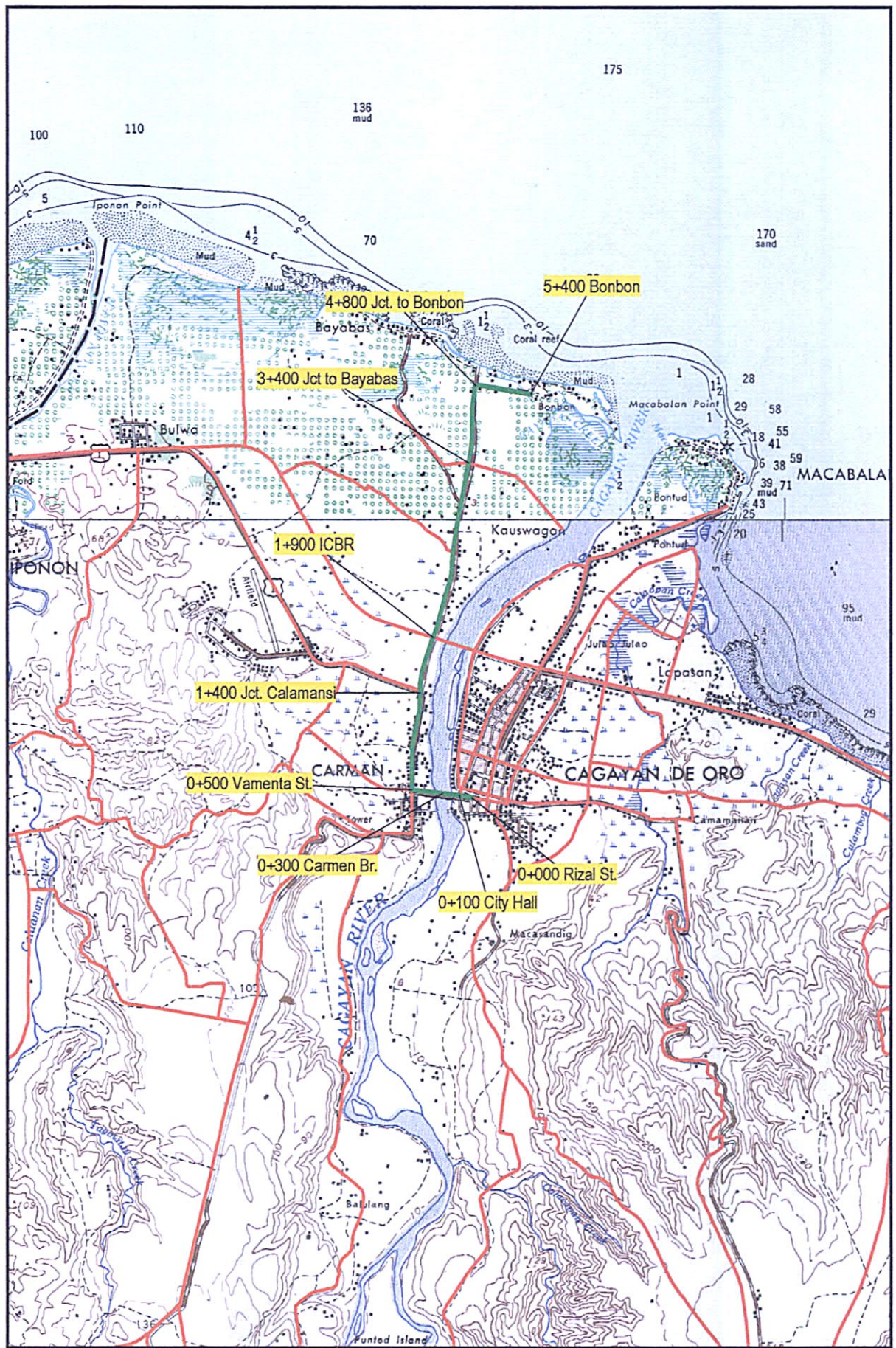


TRAVEL TIME SURVEY ROUTE

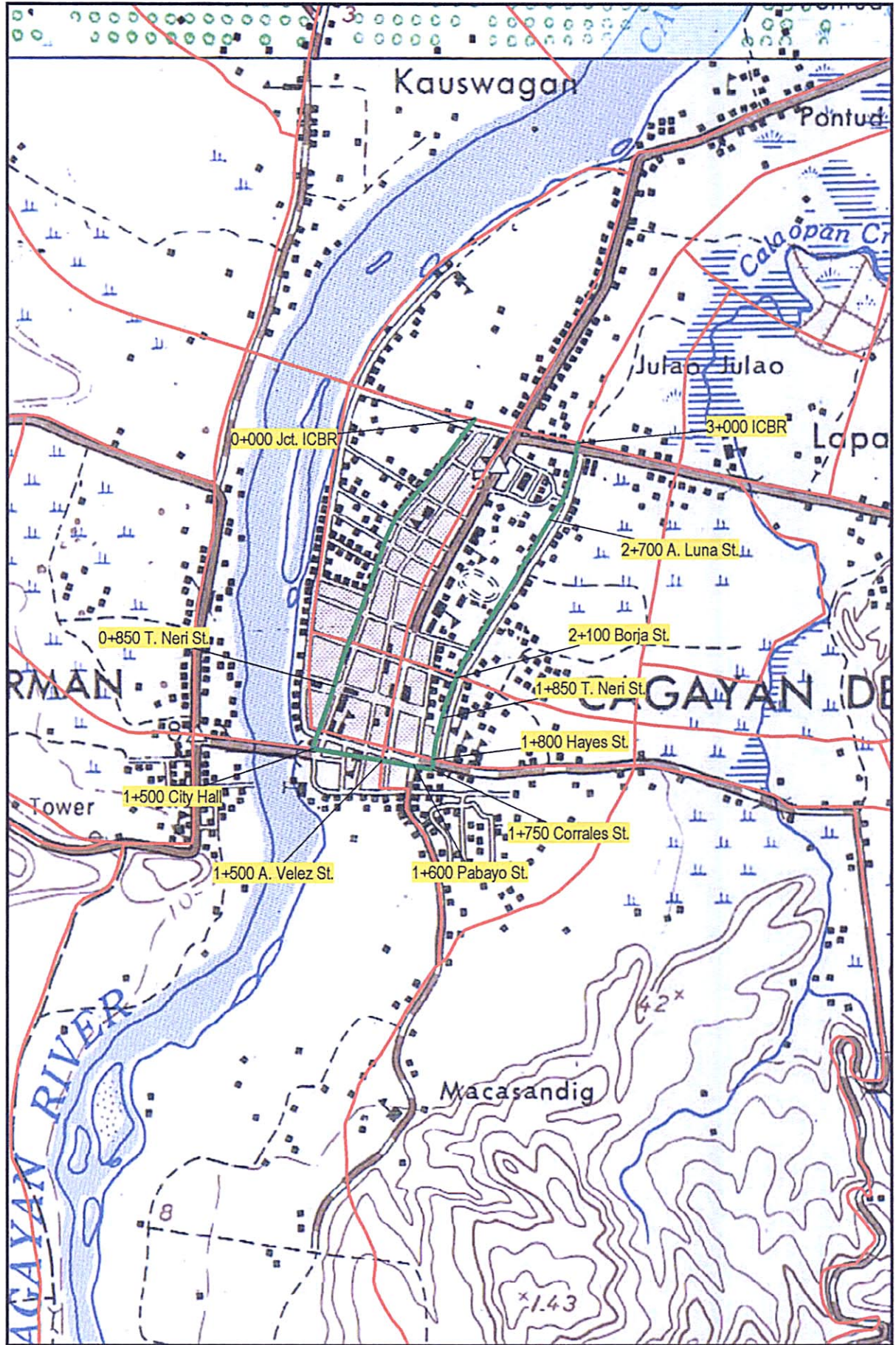
Road No. 7 - Jct. Bulua - Jct. Carmen - Kauswagan Road



TRAVEL TIME SURVEY ROUTE
Road No. 8 - A. Velez St. - Pier Road



TRAVEL TIME SURVEY ROUTE
 Road No. 9 _ CDO City - Bonbon Road



TRAVEL TIME SURVEY ROUTE

Road No. 10 - Gen. Capistrano St. - Corrales St.

APPENDIX 4.2-1

TRAFFIC ZONING SYSTEM

Table A4.1-1 Traffic Zoning Code and Name of Barangay, Municipality, City, and Province (1)

No.	Zone Code	Barangay	City, Municipality	Province
1	3001	Poblacion(Barangay 1-20,24,27-40)	CAGAYAN DE ORO	MISAMIS ORIENTAL
2	3002	Poblacion(Barangay 21-23,25,26) , Consolacion, Macabalan, Puntod		
3	3003	Lapasan		
4	3004	Macasandig, Nazareth		
5	3005	Camaman-an		
6	3006	Gusa		
7	3007	Indahag		
8	3008	Cugman, F.S. Catanico		
9	3009	Tablon		
10	3010	Agusan, Balubal, Puerto		
11	3011	Bugo		
12	3012	Bayabas, Bonbon		
13	3013	Kauswagan		
14	3014	Bulua, Patag		
15	3015	Carmen		
16	3016	Balulang		
17	3017	Iponan		
18	3018	Canito-an, Pagatpat		
19	3019	Baikingon, San Simon		
20	3020	Lumbia		
21	3021	Bayanga, Besigan, Dansolihon, Mambuaya, Pagalungan, Pigsag-an, Taglimao, Tagpangi, Tignapoloan, Tuburan, Tumpagon		
22	3022	Airport		
23	3023	Seaport		
24	3101	Baluarte, Casinglot, Gracia, Natumolan, Poblacion, Sugbongcogon	TAGOLOAN	
25	3102	Mohon, Santa Cruz		
26	3103	Rosario, Santa Ana		
27	3104	Seaprot		
28	3201	Dayawan, Looc, Poblacion	VILLANUEVA	
29	3202	Balacanas, Katipunan, San Martin		
30	3203	Tambobong		
31	3204	Imelda, Kimaya		

Table A4.1-1 Traffic Zoning Code and Name of Barangay, Municipality, City, and Province (2)

No.	Zone Code	Barangay	City, Municipality	Province
32	3301	Lower Jasaan (Pob.), Upper Jasaan (Pob.)	JASSAN	MISAMIS ORIENTAL
33	3302	Bobontugan, Jampason		
34	3303	Natubo		
35	3304	Danao, I. S. Cruz, San Antonio, San Nicolas		
36	3305	Kimaya, Luz Banzon		
37	3306	Aplaya, Corrales, San Isidro, Solana		
38	3401	Bonbon, Luyongbonbon, Poblacion, Taboc		
39	3402	Barra, Igpit		
40	3403	Malanang, Patag		
41	3404	Awang, Bagocboc, Tingalan		
42	3405	Cauyonan, Limonda, Nangaon		
43	3501	Bolobolo, Cogon, Himaya, Kibonbon, Poblacion, Sinaloc, Ulaliman,	EL SALVADOR	
44	3502	Amoros, Molugan, Taytay		
45	3503	Bolisong, Hinigdaan, Kalabaylabay, Sambulawan		
46	3504	Calongonan		
47	3601	Baybay, Calatcat, Lagtang, Lanao, Loguilo, Molocboloc, Poblacion	ALUIBIJID	
48	2602	Benigwayan, Lourdes, Lumbo, Sampatulog, Talaba		
49	2603	Sungay, Taparak, Tugasnon, Tula		
50	3701	Gasi, Mauswagon, Poblacion, Sambulawan, Sinai	LAGUINDINGAN	
51	3702	Kibaghot, Liberty, Moog, Tubajon		
52	3703	Aromahon, Lapad		
53	3801	Burnay, Cogon, Poblacion, Tala-o	GITAGUM	
54	3802	Carlos P. Garcia, Kilangit, Matangad, Pangayawan, Quezon, Ulab		
55	3803	Gregorio Pelaez (Lagutay)		

Table A4.1-1 Traffic Zoning Code and Name of Barangay, Municipality, City, and Province (3)

No.	Zone Code	City, Municipality	Province
56	3910	CLAVERIA	MISAMIS ORIENTAL
57	3920	BALINGASAG, BALINGOAN, BINUANGAN, GINGOOG CITY, KINOGUITAN, LAGONGLONG, MAGSAYSAY (LINUGOS), MEDINA, SALAY, SUGBONGCOGON, TALISAYAN	
58	3930	INITAO, LIBERTAD, LUGAIT, MANTICAO, NAAWAN	
59	3940	TALAKAG	BUKIDNON
60	3950	BAUNGON	
61	3960	LIBONA	
62	3970	CABANGLASAN, DAMULOG, DANGCAGAN, DON CARLOS, IMPASUGONG, KADINGILAN, KAKIKANGAN, KIBAWE, LANPATAN, MALAYBALAY, MANOLO FORTICH, MARAMAG, PANGANTOCAN, QUEZON, SAN FEMANDO, SUILAO, VALENCIA	
63	3980	MALITBOG	
64	3921		AGUSAN DEL NORTE AGUSAN DEL SUR SURIGAO DEL NORTE SURIGAO DEL SUR
65	3931		LANAO DEL NORTE MISAMIS OCCIDENTAL
66	3932		ZAMBOANGA DEL SUR ZAMBOANGA DEL NORTE ZAMBOANGA SIBUGAY
67	3971		COMPOSETLA VALLEY DAVAO DEL NORTE DAVAO DEL SUR DAVAO ORIENTAL
68	3972		LANAO DEL SUR MIGUINDANAO NORTH COTABATO
69	3973		SARANGANI, SOUTH COTABATO, SULTAN KUDARAT

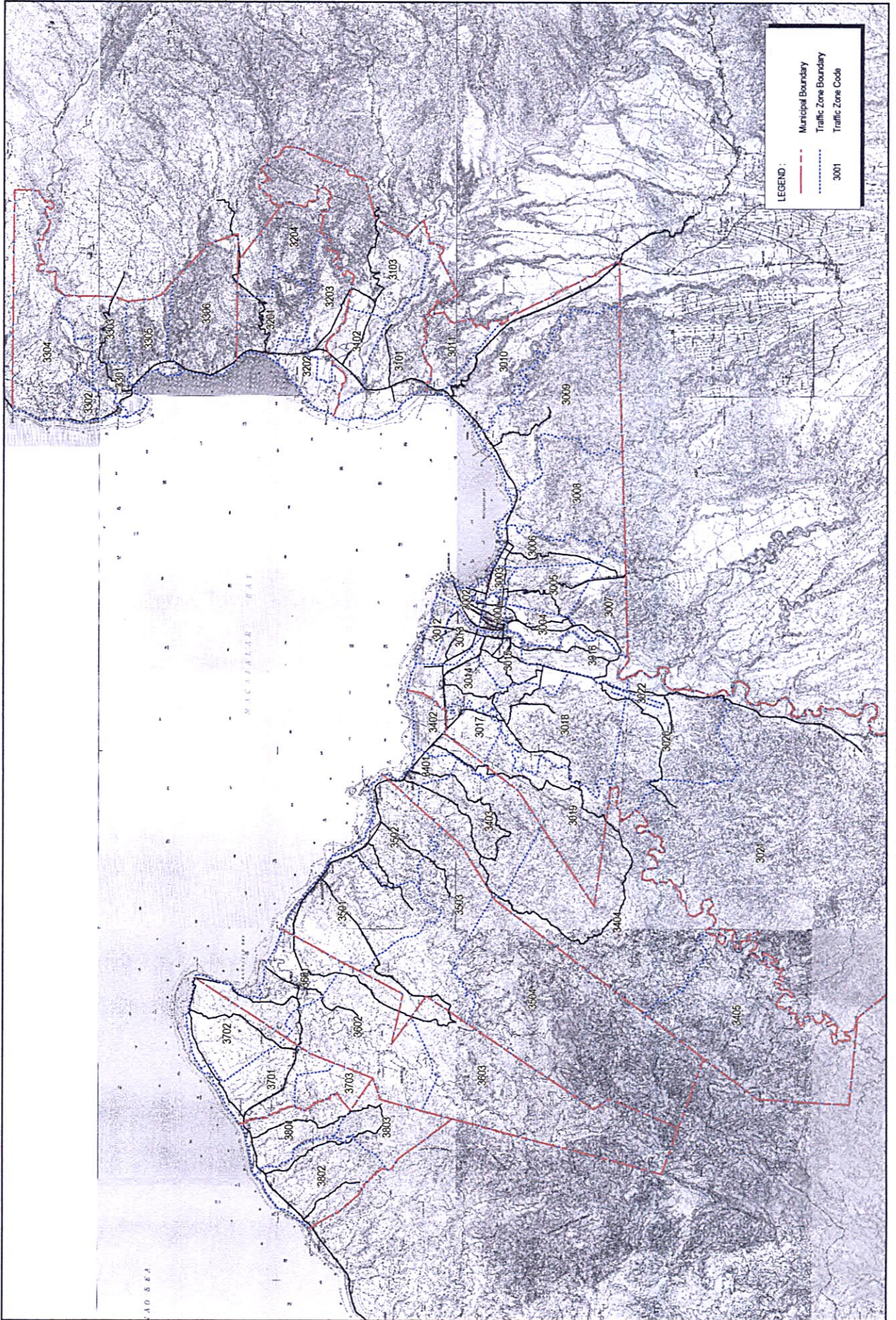


FIGURE A4.1-1 TRAFFIC ZONE MAP (METRO CAGAYAN DE ORO)

APPENDIX 4.3-1

OD MATRIX IN 2003, 2010, 2016 & 2022

