

## A BRIEF HISTORY OF THE MARIKINA DISASTER COORDINATING COUNCIL

Marikina Valley is located in the Eastern part of Metro Manila, on the Western part of the city, you can find the Marikina River. alongside of it is the Valley Fault Line. No place in the Philippines can you find two disaster prone areas in one place. We have no choice but TO BE PREPARED.





In 1992 upon the assumption to office of Mayor Bayani F. Fernando, he reactivated the Marikina Disaster Coordinating Council. Although in the previous administrations such body was already in existence but when disaster strikes or damage occurs only then will this council operates or activates or what we call reactive response. Under the present administration all disaster scenarios are addressed to 3 levels namely the pre-disaster, disaster and post-disaster periods with more emphasis on the preparedness aspect of the plan which makes the big difference in dealing with these man-made, natural disaster or calamity.



The Marikina City Disaster Preparedness Plan was already tested and proven to be very effective not once but many times when our city faces disasters, not only in our locality but also when we are asked to extend help and assistance to our neighboring cities like the Cherry Hills landslide in Antipolo City and the recent Payatas tragedy in Quezon City.

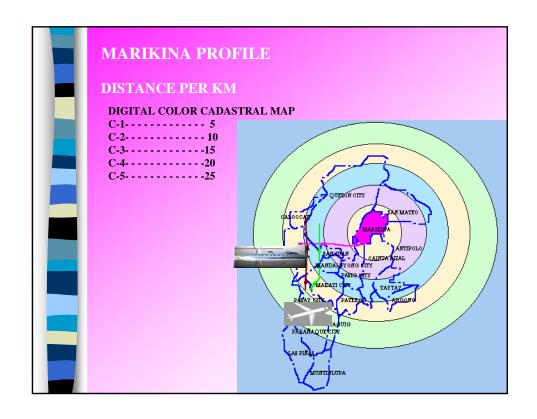




Our mission in this program is to prepare our community and most especially, the entire government machinery to anticipate the onset of and respond to any disaster thus bringing the number of casualties or damages at a minimum level and to provide an integrated direction and control of manpower, material, monetary and other necessary resources that can be made available and responsive to the disasters and calamities which may occur in the City of Marikina.





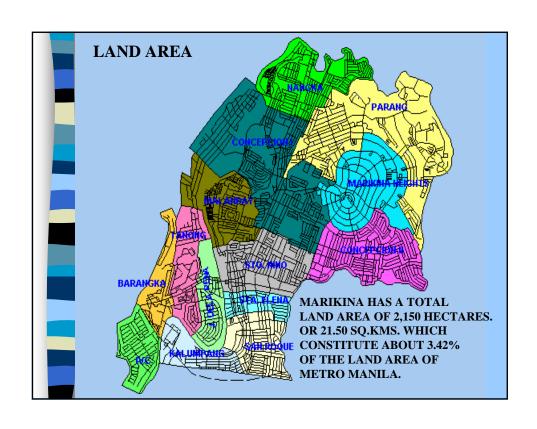


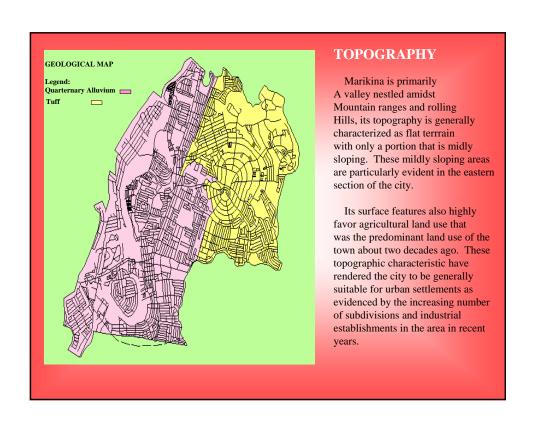


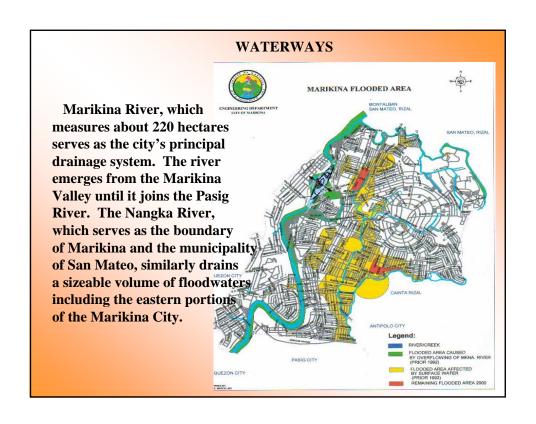
## **POPULATION**

Marikina's population has grown considerably over the past years. From a total population of 8,187 in 1903, the latest census conducted by the NSO in year 2000 revealed a population count of 407,732

BARANGAY	POPULATIO
	CY 2000
KALUMPANG	17,859
BARANGKA	23,648
TAÑONG	11,743
J. DELA PEÑA	11,213
IVC	15,942
SAN ROQUE	18,919
STA. ELENA	6,809
STO. NIÑO	31,355
MALANDAY	44,320
CONCEPCION I	71,761
MARIKINA HEIGHTS	32,537
PARANG	69,355
NANGKA	29,887
CONCEPCION II	22,384
TOTAL	407,732

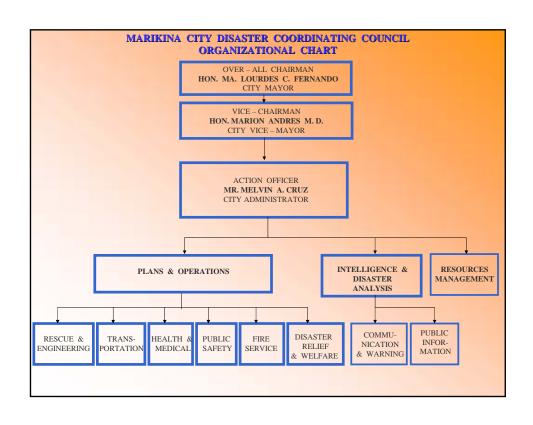








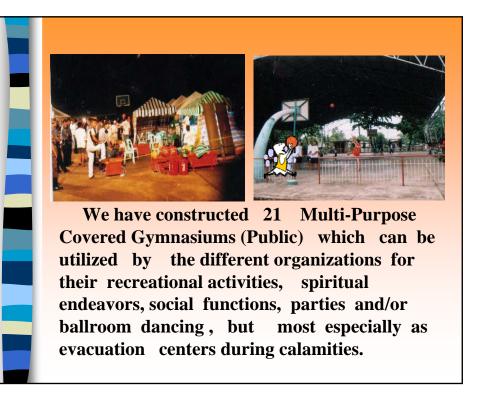
	ers, there are also a number o rge waste and floodwaters to	f
RIVERS/CREEKS/CANAL	LOCATION	LENGTI (METER
Marikina River	Nangka-I.V.C	11,000
Sapang Baho	Sumulong Hway-Marcos Hway	2,020
Usiw Creek	Sumulong Hway-St. Gregory	1,350
Concepcion Creek	Sumulong Hway-A. de Guzman	3,110
Park Creek	Marikina Heights	2,800
Bangkaan Creek	A. de Guzman-Nangka	1,460
Balanti Creek	Sumulong Bdry-Antipolo	3,880
Nangka River	Antipolo-Marikina River	3,000
TOTAL		28,620



## HTHE AVAILABLE RESOURCES OF THE CITY GOVERNMENT FOR EMERGENCIES I. FACILITIES II. TRANSPORT EQUIPMENTS III. MANPOWER IV. SUPPLIES & MATERIALS V. COMMUNICATION EQUIPMENT VI. FINANCES





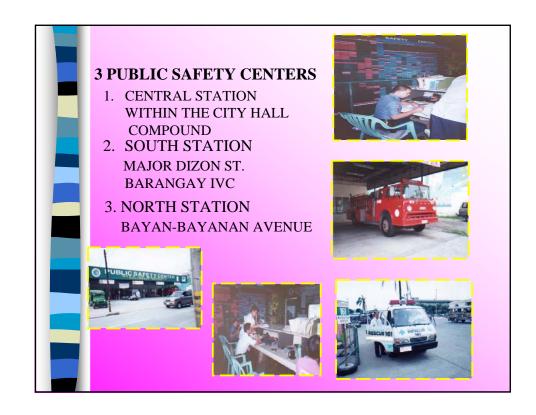


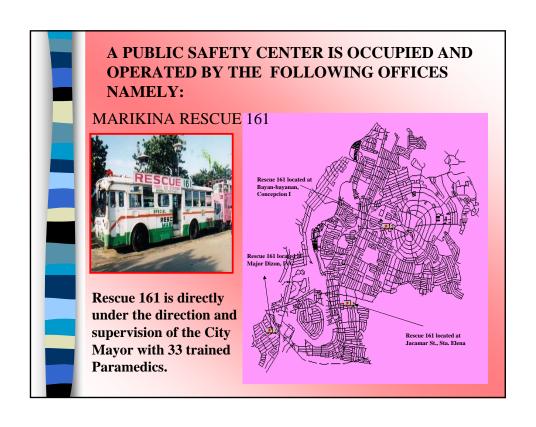
## OTHER AVAILABLE EVACUATION CENTERS

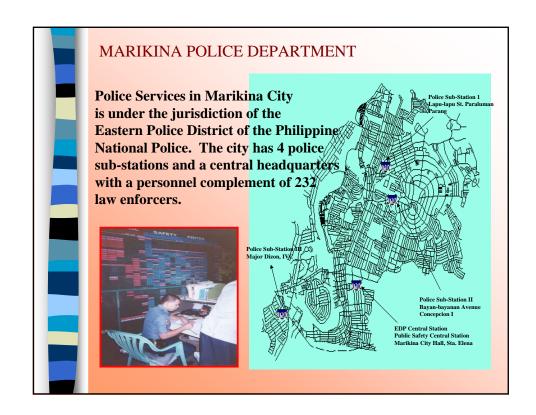
NAME OF SCHOOL DISTRICT I	AVAILABLE
Marikina Elem. School	35
San Roque Elem. School	39
Kalumpang Elem. School	33
Ind. Valley Elem. School	20
L. Victorino Elem. School	33
Barangka Elem. School	36
Malanday Elem. School	43
Nangka Elem. School	33
TOTAL	272

NAME OF SCHOOL DISTRICT I	AVAILABLE
DISTRICT II	
H. Bautista Elem. School	30
St. Mary Elem. School	8
Sto. Niño Elem. School	47
Concepcion Elem. School	48
Parang Elem. School	65
SSS Village Elem. School	29
Fortune Elem. School	36
Kap. Moy Elem. School	14
TOTAL	277

HIGH SCHOOL	AVAILABLE
Marikina High School	35
Parang High School	39
Sta. Elena High School	33
Concepcion High School	20
MHS-Tanong	33
MHS-Marikina Heights	36
MHS-Concepcion Annex	43
TOTAL	272
SUB-TOTAL-DISTRICT I & II	535
GRAND-TOTAL-Elem. & High School	729







## MARIKINA FIRE DEPARTMENT The Marikina Fire Central Stations holds office at the Public Safety Central Station located at the back of the Marikina City Hall Building with 5 fire sub-stations. Each sub-station is equipped with at least one (1) fire truck, aerial ladder and water tanker. The BFP Central Station has 2 ambulances to attend to casualties in case of fire. The fire fighting force is composed of 73 personnel. The Fire Department also RESCUE 161 taps volunteer fire brigades from the business sector and from the Fil-Chinese Fire Brigade. The city government supplements the Firetruck inadequacy of fire department by dispatching the LGU-owned water tankers assigned to the Engineering Department, Parks Development Office and Waste Management Office, in times of emergencies.

### OFFICE OF PUBLIC SAFETY AND SECURITY

To augment our police force the OPSS has 181 personnel and Bantay Bayan which counts ion a strong membership of 2,000 civilian volunteers. The OPSS assists in traffic management in major and minor intersections, keeping roads and sidewalks hassle-free and securing public buildings/offices.

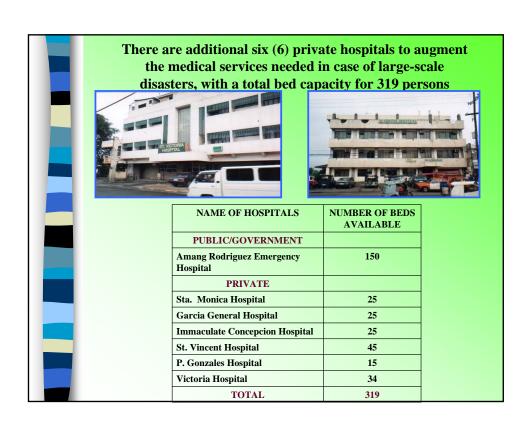
Traffic wardens of OPSS are responsible in implementing the no parking zones, facilitating vehicle flow and providing security to parked vehicles in designated parking areas. The Bantay Bayan is a joint effort between the city government and the barangay sector to help maintain peace and order in the barangays.

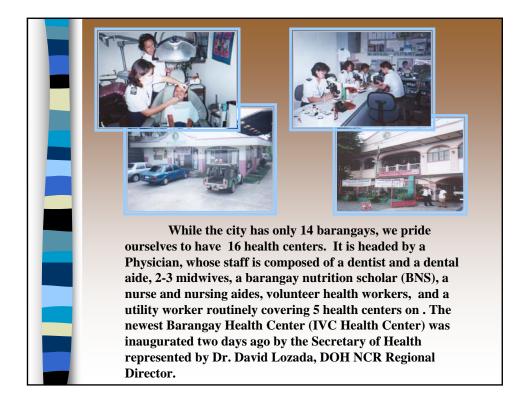




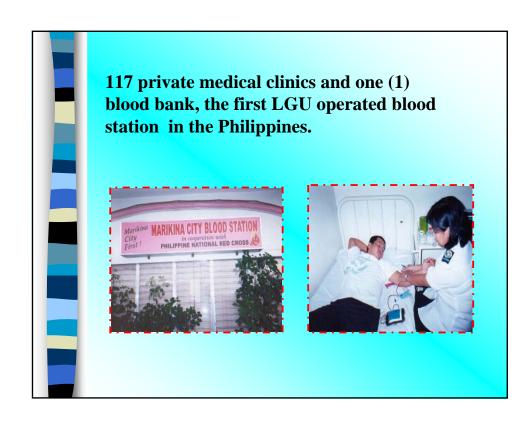


With regards to Hospitals, we have one (1)
National Hospital, with 150 bed capacity. A
new six (6) storey building is now being
constructed and soon to rise is another (3) storey
building which after completion this hospital will
be declared as a Medical Center that means the
services and facilities given to the public is
competitive with that of privatehospitals.

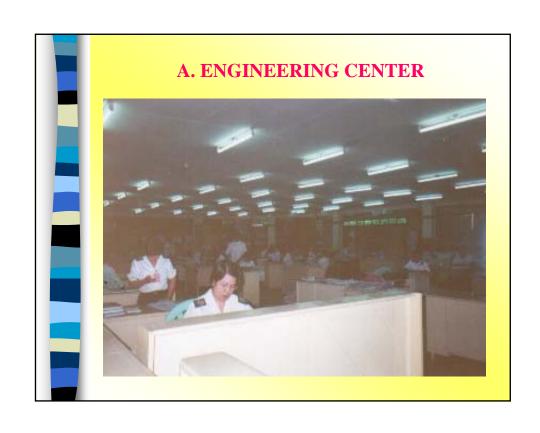


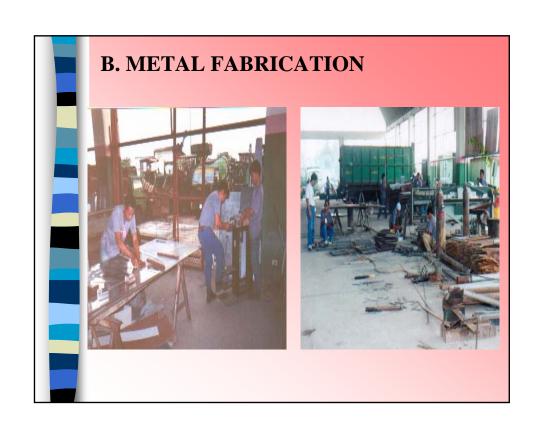


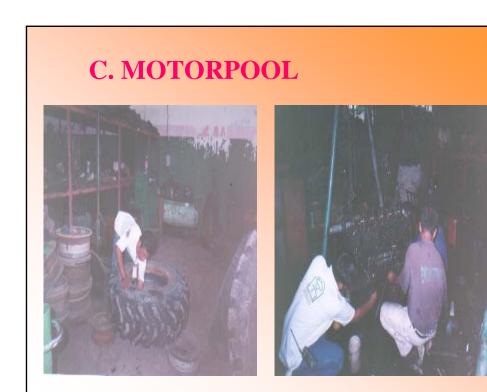


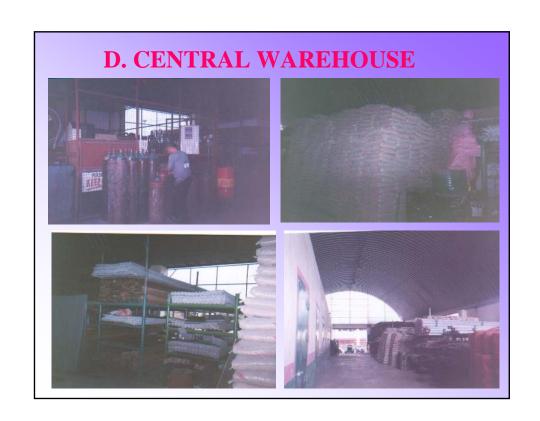


# MARIKINA PUBLIC SERVICES CENTER IT IS LOCATED AT GIL FERNANDO AVE. COR AQUILINA EXT. STO NIÑO, MARIKINA CITY. THIS FACILITY PLAYS A CRITICAL ROLE IN THE DISASTER OPERATION AS THIS IS THE AREA WHERE ALL THE SERVICE-ORIENTED AGENCIES ARE HOLDING OFFICE.

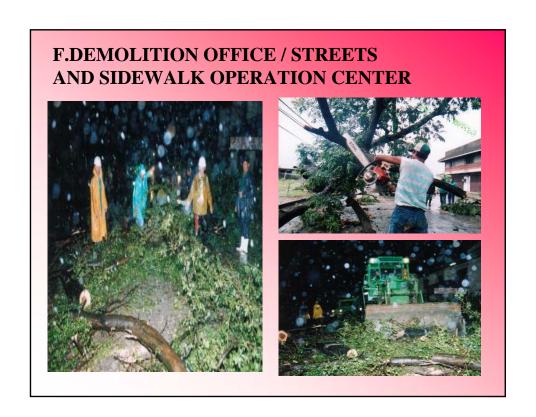










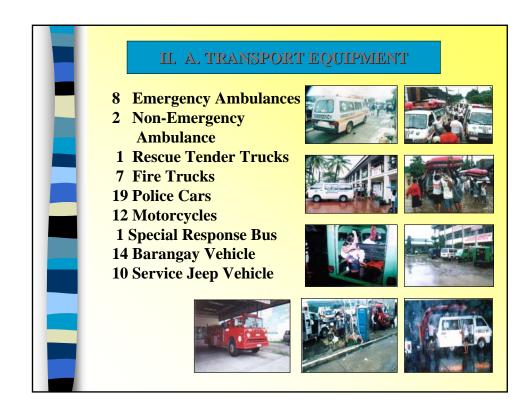








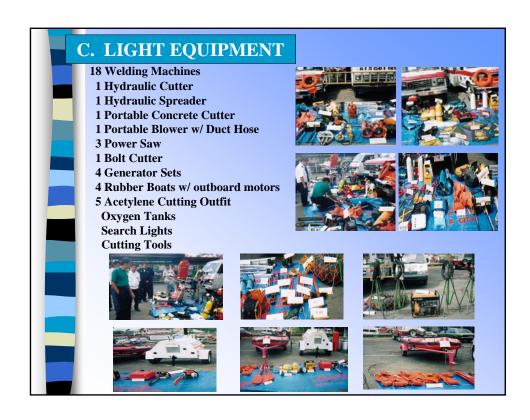


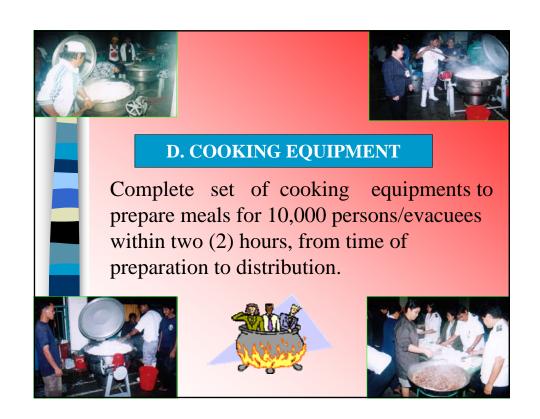


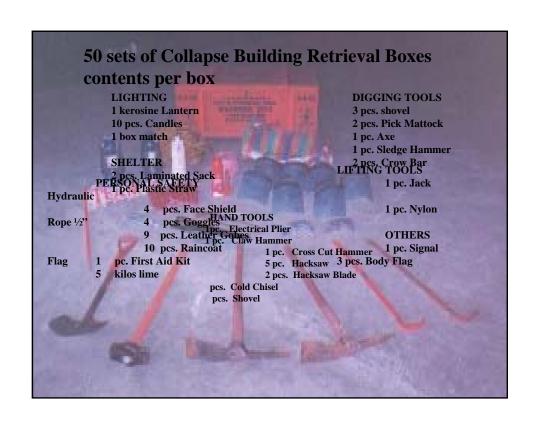




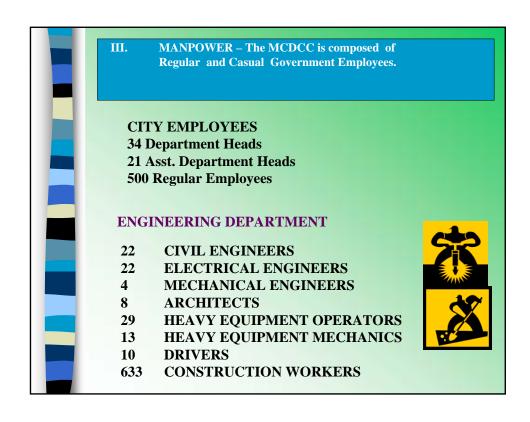




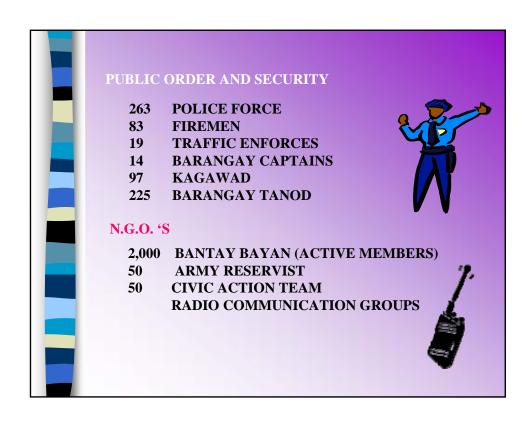






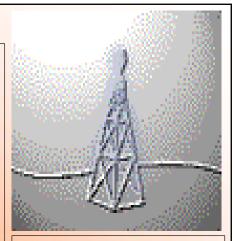




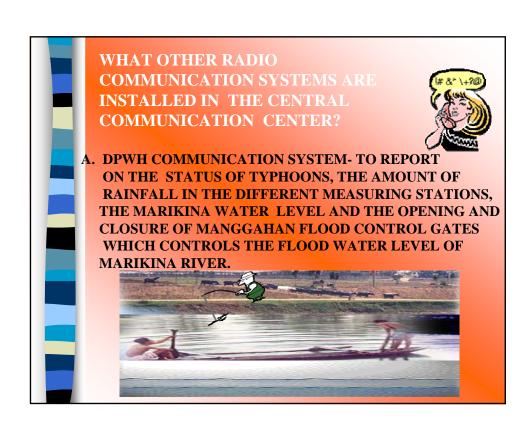


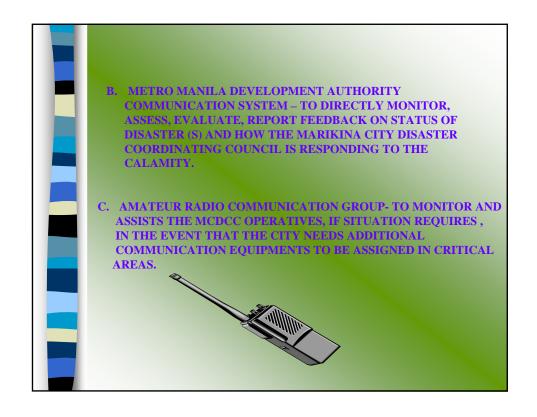


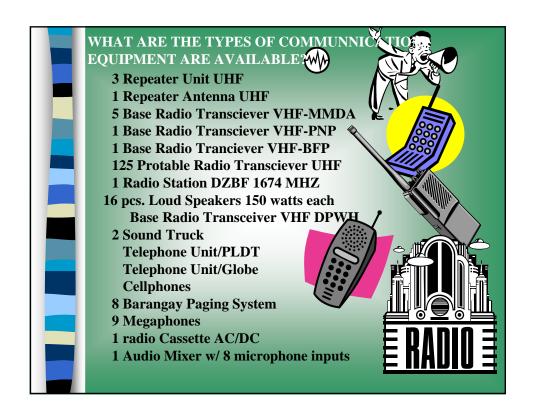
THE CENTER SERVES AS THE CENTRAL **COMMUNICATION STATION WHERE ALL EMERGENCY CALLS (DIAL 161) ARE** RECEIVED BY THE MARIKINA RESCUE OFFICE. ALL THESE UNITS HAVE THEIR **OWN RADIO COMMUNICATION EQUIPMENT WITH THEIR RESPECTIVE** FREQUENCIES, WHO CAN TRANSMIT TO THEIR OPERATIVES ANY TYPE OF ASSISTANCE NEEDED BY THE **COMMUNITY. THE RESPONDING TEAM** MUST BE IN THE CALAMITY OR DISASTER AREA, OR WHERE THE **ASSISTANCE IS NEEDED, WITHIN 5** MINUTES UPON CALL, IF THE RESPONDING UNIT FAILS TO REACH YOU WITHIN 5 MINUTES AFTER YOUR CALL FOR ASSISTANCE REPORT TO MAYOR MCF.



THE MEMBER (S) OF THE RESPONDING TEAM SHALL BE REQUIRED TO SUBMIT THEIR EXPLANATION. IF THEIR REASONS ARE NOT ACCEPTABLE THEY ARE EITHER SUSPENDED OR TERMINATED. OTHER REQUEST FOR ASSISTANCE MAYBE IN THE FORM OF MEDICAL, NON-MEDICAL NEEDS, FIRE OR VEHICULAR ACCIDENTS











OUR DISASTER PREPAREDNESS PLAN IS NOT CENTERED ONLY ON OUR AVAILABLE EQUIPMENT AND RESOURCES, TO ONLY TRAIN OUR OPERATIVES AND TEAM LEADERS THERE ARE ALSO OTHER FACTORS THAT MITIGATE DISASTERS.

PRIOR TO 1992, 20 % OF A TOTAL LAND AREA OF MARIKINA IS UNDER WATER DUE TO ABSENCE OF ADEQUATE DRAINAGE SYSTEM, CLOGGED CANALS AND ESTEROS ILLEGALY BUILT STRUCTURES AND THE PRESENCE OF SQUATTERS ALONG WATER WAYS, ILLEGAL ENCROACHMENTS ON SIDEWALKS, THE PRESENCE OF SIDEWALK VENDORS ALL OVER THE CITY,





VEHICULAR TRAFFIC CONGESTIONS DUE TO THE PRESENCE OF ILLEGAL PARKING AND JUNK VEHICLES, CONSTRUCTION DEBRIS AND GARBAGE ALONG THE ROAD RIGHT OF WAY, DILAPIDATED AND UNPAVED ROADS, INDISCRIMINATE AND UNRESTORED DIGGINGS OF UTILITY COMPANIES, THE INSTALLATION OF ENTRANCE GATES IN MOST SUBDIVISION, AND PRESENCE OF SPEED BUMPS ALL OVER THE CITY.





For the past 9 years we have concreted 187 kilometers of road ways, completed 94 kilometers of major flood control, drainage system thus solving 95 % of the 20 % flooded areas within the city, dismantled encroachments, illegally built structures, removed all construction debris, garbage and other waste materials along the sidewalk.



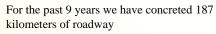






## **HAZZLE FREE-ROADWAY**







•We removed humps all over the city except those fronting the schools, installed strategic traffic lights, removed illegally parked and junked vehicles, demolished subdivision gates, replacements of busted street lights, installed highmast luminaires along the Marikina River Recreational Park including open spaces and playgrounds in subdivisions, and provided appropriate traffic, directional, informative and educational signage. We also provided a number of parking areas



for public transport and designated loading and unloading stations where it is required. If you happen to visit Marikina you will notice that even in school grounds we demolished the solid fence wall and reconstructed the fence made of cyclone wire, along the 5 meter setback requirement, so that this space can be used as additional waiting areas for school buses.

The result of our efforts is the increase in mobility around the city thus improving flow of traffic, reducing the travel time within the city by 15-30 minutes, improving the response time during emergencies, faster delivery of basic needs, achieving 98% compliance of drivers to traffic rules.

Within the next two (2) years, the air pollution in the city will be greatly reduced and is expected to be within the tolerable level in the next five (5) years.





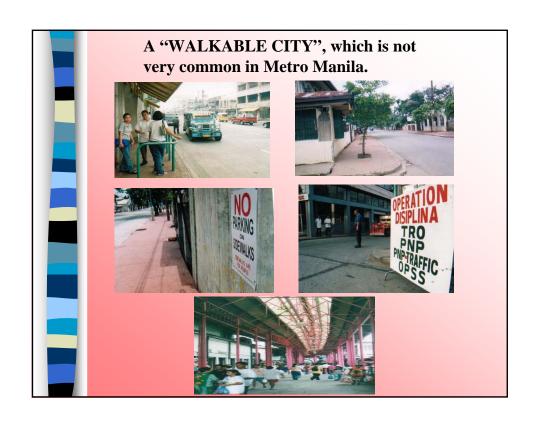


•DISCIPLINA SA BANGKETA (Discipline in the Sidewalk)
We were able to clear 480 km. of
sidewalks and were able to cement 123 km. of pavements in a
span of 8 years. Presently the city has liberated 90% of its
670 kilometers sidewalk from anarchy. We demolished all
structures that were illegally built along the sidewalk like plant
boxes, encroachment, picket fences, down spouts, clothesline and
canopies. The plumbers of Engineering Department relocated all water
Meters obstructing the sidewalks and uprooted and/or transferred trees
Which are not in accordance with the list of trees allowed by Meralco to
be planted along the sidewalk. If you happened to visit Marikina you may
notice that our sidewalks are cemented red to indicate that they are



for pedestrian use.

We received a national award from Malacañang for our program "DISIPLINA SA BANGKETA" Making Marikina known as ...



## **SQUATTER-FREE MARIKINA**

Prior to this program, about one-third of Marikina's population lived in 45 depressed areas; squatted on private and government lots; lived in danger zones such as along riverbanks, creeks, road-right of ways and in public open spaces.



The passage of the New Local Government Code and The Urban Development and Housing Act gave impetus to the city's vision of a squatter free Marikina. Started in 1993, the program is implemented by the Marikina Settlement Office. To date more that 8,000 squatter families were relocated from the lower banks of Marikina River and several hundreds coming from the different creeks to the five major-in-city settlement sites. The city government provided them electricity, water systems and concrete roads and alleys.



Today, there remain only about 800 squatter families to be moved With the city's best efforts, Marikina can probably declare itself practically squatter free in a years time.

The squatter free Marikina program of the city government somehow lessened the burden in our disaster program in what used to be flood prone areas where most of this families lived. We cleared this area and made an access road, a park, a jogging and bike lane along the River Bank.





### FIVE MINUTES QUICK RESPONSE TIME

Recognize that the ultimate aim of everything which government does is peace and order and to secure lives and properties and that the best measure of the efficiency of emergency service is RESPONSE TIME. The program guarantees the arrival of emergency services (medical, fire and police assistance) within five (5) minutes upon call for assistance with he people themselves as monitors. The program is no different from those of other LGU's (Local Government Units) is except for the sign posted in every vehicle involved in the operation:

IF THIS UNIT FAILS TO REACH YOU WITHIN FIVE (5) MINUTES UPON CALL FOR ASSISTANCE, CALL MAYOR MCF at Tel. No. 646-52-77. It is made possible by the order and discipline obtaining in the streets of Marikina owing to the successful implementation of the DISCIPLINA SA BANGKETA and HASSLE-FREE ROADWAYS from an average response time of 10-15 minutes four years ago, it has gone down to 3.6 minutes which is for better than America's Rescue 911.



## MIDNIGHT DOCTORS (HOME SERVICE NG DOKTOR SA HATINGGABI)

This project addresses the need for medical services between 10:00 PM to 6:00 Am When usually no doctors are available to respond to house calls. The midnight doctor will respond to house calls. The midnight doctor will respond to non-emergency cases, and is not covered by the 5-minute quick RESPONSE TIME. The midnight doctor will arrive at the patients home also by Rescue 161 ambulance, diagnose and check the patients and give the necessary medicine. If the need is emergency case, the attending doctor can immediately order the transfer of the patient to the nearest hospital.



## BARANGAY TALYER A JOINT PROJECT OF THE CITY OF MARIKINA AND THE BARANGAY This is a communal shop where various tools for cutting, carpentry, drilling, gardening, measuring and lay-out, welding, striking, threading, wrenches and others are stored and used for free by barangay residents, particularly the marginalized ones and the youth. Barangay Talyer acts as a support unit.

It has a big inventory of hand tools where residents in the affected areas can use this tools in the aftermath of disasters for minor

house repairs and rehabilitations.

These programs of the city government in times of emergencies and disasters are plus factor on our respond to disaster call, smooth delivery of service to the affected areas. If our roadways and sidewalk are always clear of any obstructions then our rescue personnel, rescue operations and equipment can move freely and unhampered to any point of the city, thus minimize any loss of of lives and properties. During normal times, we continue monitoring these areas and apprehend everyone who violates or disregard this program.

With the strict implementation of the National Building Code and city ordinances, our citizens know by heart that we mean business when it comes to the said programs.







