

X. INFRASTRUCTURE & UTILITIES

Transportation

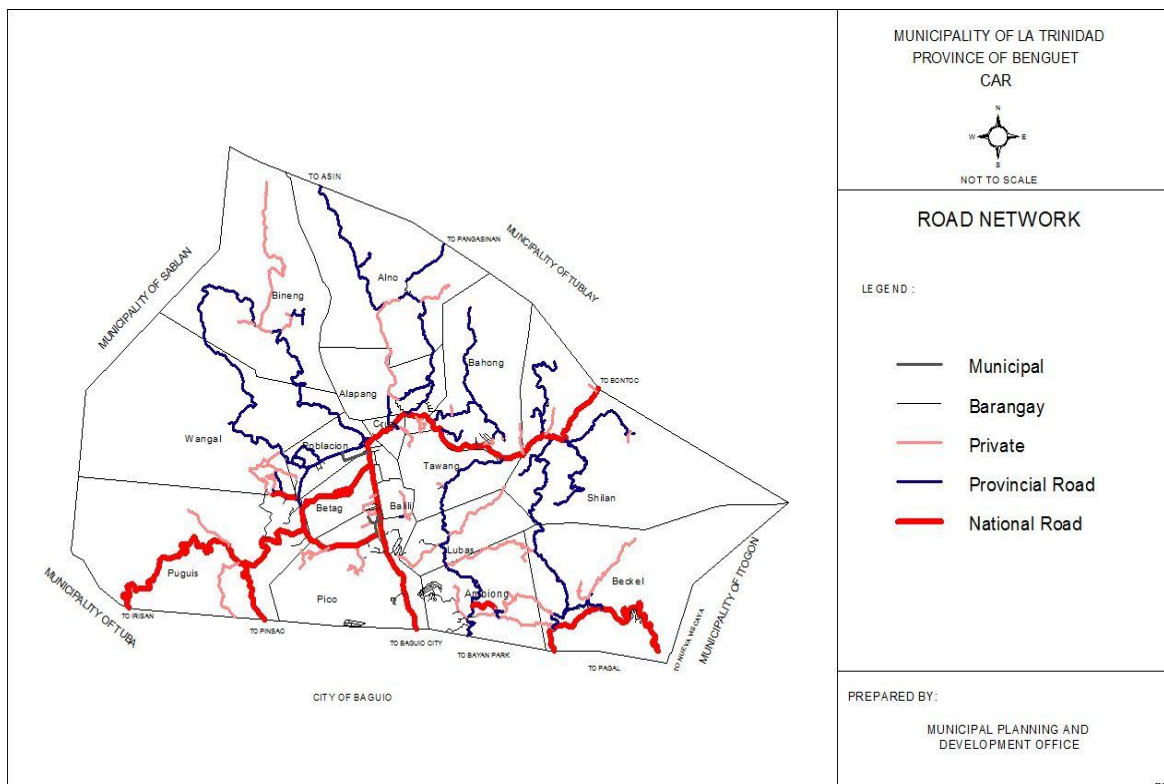
Road Network.

La Trinidad has a total of 135.28 km of registered roads, occupying an area of 159.13 hectares. Out of these, 22.33% are administered at barangay level, 48.17% at provincial level, 27.85 % at national level and only 1.65% at municipal level.

Road Classification	Length (km)	% Dist'n	Right of Way	Type of Surface*	Area (ha.) Occupied	%
National Rd.	23.920	17.68	20	C/A/E	44.32	27.85
Provincial Rd.	42.655	31.53	15	C/A/E	76.65	48.17
Municipal Rd.	3.597	2.66	8	C/A/E	2.62	1.65
Barangay Rd.	65.110	48.13	6	T/E/G	35.54	22.33
Total	135.283	100	49		159.13	100

* C: Concrete A: Asphalt E: Earth T: Tire path G: Gravel

Source: 1995, PEO, DPWH, MPDO



Vehicles & Utilities

In 2001, 10,198 vehicles were registered at the Land Transportation Office, about less than two thirds of which are private vehicles and one third are vehicles for hire. This has increased to 15,615 in 2009 due to the growing urbanization in the area and registration from nearby municipalities. This is expected to have an impact on the demand for land for road construction. Already, the heavy volume of traffic along the municipality's main roads is a main cause of air pollution in the area. Surprisingly, there is now an increasing registration of motorcycles, apparently in a bid to avoid traffic and save on gasoline expenses.

Type of Vehicle	2001	2002	2003	2004	2005	2006	2007	2008	2009
<i>Private Vehicles</i>	6,963	8,669	8,903	9148	9902	10287	11350	12603	13816
<i>Vehicles for Hire</i>	2,965	1,675	1,660	1668	1665	1640	1541	1457	1454
<i>Government Vehicles</i>	270	232	245	226	359	266	300	338	345
Total	10198	10576	10808	11042	11926	12193	13191	14398	15615

Source: Land Transportation Office- La Trinidad

Power

Total households served

The Benguet Electric Cooperative (BENECO) serves the electricity needs of the Province and Baguio City. Its main source of power is provided from the Wholesale Electricity Spot Market, the Sual Power plant, and the Bineng Mini- Hydro Electric Plant. In the municipality, there has been an increasing number of power connections from a total of 14,117 consumer connections in 2005 20,143 connections in 2009, most of which are provided for residential use. All barangays are served by BENECO except for a few far flung sitios.

Type of Consumer/ Total Records	2005	2006	2007	2008	2009
<i>Residential</i>	11,953	15,262	17,737	18,169	18,074
<i>Commercial (small)</i>	1,800	1,803	2,305	2,299	1,825
<i>Big Commercial</i>	59	42			1
<i>Military</i>	34				
<i>Public Building</i>	178	189	244	285	203
<i>Industrial</i>	10	19	24	24	24
<i>Street Light</i>	39		53	56	16
<i>Gov. Hospital</i>	2	2			
<i>BAPA</i>	42	-			
<i>Community Water</i>	0	-			
TOTAL	14,117	17,317	20,363	20,833	20,143

Source: BENECO

Power Source	Facilities		Capacity
<i>Existing Power Sources</i>	<i>TYPE</i>	<i>LOCATION</i>	<i>MW</i>
<i>Wholesale Electricity Spot Market</i>	<i>Spot Market</i>	<i>PEMC</i>	<i>(depends on market price)</i>
<i>Sual Power Plant</i>	<i>Coal Fired</i>	<i>Sual, Pangasinan</i>	<i>55</i>
<i>Bineng Mini- Hydro</i>	<i>Mini-Hydro</i>	<i>Bineng, La Trinidad</i>	<i>10.25</i>

Source: BENECO, 2010

Domestic Water

Main Source of Domestic Water

Level III domestic water is provided mainly by the La Trinidad Water District (LTWD) whose service area is limited to the more dense areas. Almost all barangays are covered except, Beckel, Shilan, Alno and Bineng. From a total of 5901 consumers in 2001, this almost doubled in 2009 at 11,548 consumers. The LTWD relies mainly on groundwater for its sources, having developed 8 deep wells and 2 springs.

LTWD Consumption and Meter connections by Type of Consumer

Consumer	2001	2005	2006	2007	2008	2009
Residential	5337	7384	8492	9,067	9,763	10,395
Commercial	564	686	1060	1,011	1,038	1,044
Government				91	97	109
Total	5901	8070	9552	10,169	10,898	11,548
Monthly Cons'n (m²)	98,002	151,985	166,828	168,317	187,111	192,713

Source: LTWD

Other Sources of Domestic Water

Aside from the LTWD there are other level III sources of domestic water such as in Bahong, Alapang, Tawang, Beckel and Puguis under cooperative arrangements with the user-residents of these areas. Census survey in year 2000 shows that there are a total of 7031 households or 51% are connected to this kind of water system. About 2403 households or 17.59 % have level III water system but share this with other households.

There are about 1,985 households that use deep wells either for their own use or shared with other households. While 272 use shallow wells and 162 households use dug wells. There are still a large number of 1,259 that have level 1 water sources, directly from the rain, spring or rivers. Other water sources may include water deliveries.

Level Type	Source of Water	Number	%
Level III/c	Own use, Water System	7031	51.48
Level III	Shared, Water System	2403	17.59
Level III	Own use, Piped/Tubed, Deep well	903	6.61
Level III	Shared, Piped/Tubed Deep well	1082	7.92
Level III	Tubed/Piped Shallow well	272	1.99
Level II/b	Dug Well	162	1.19
Level I/a	Spring, Rain, River, others	1259	9.22
-	Peddler	234	1.71
-	Others	312	2.28

Source: NSO 2000

/a: Point source development like springs and hand pumps, /b: Use of Communal Faucet

/c: Water is piped into homes

For year 2009, the Municipal Health Office reports that at least 83% of all households have access to safe water through a Level III system. About 15% have access to Level I water sources. Only 2% have access to water through Level II or communal faucets.

Year	2006		2007		2008		2009	
	# of HH	%	# of HH	%	# of HH	%	# of HH	%
Source of Water								
<i>Level I</i>	2495	16.12	2,535	16.00	2510	15	2,156	15
<i>Level II</i>	258	1.67	269	1.7	250	2	229	2
<i>Level III</i>	12729	82.22	12,978	82.3	12741	78	11,569	83
<i>(Water Delivery & Refilling Stations)</i>			(729)	(4.99)	(828)	5		

Source: MHO

Communication

Telephone Services

The Philippine Long Distance Company and Digitel operate landline telephone facilities in the municipality covering the urban areas. With Smart and Globe repeater stations located in the municipality, the use of mobile phones has gained headway.

Telegraphic & Postal Services

The Bureau of Telecommunications (BUTEL) operates one telegraphic station equipped with telex machines. It shares its office with the Philippine Postal Corporation, the main postal service provider in the municipality. With internet connections, the use of e-mails has now stepped up, diminishing the role of postal services.

Television and Publications

Two Cable Television operators service the urban area the Sky cable and VIACOM. One local newspaper is based in La Trinidad, otherwise all other Baguio- based newspapers provide the populace information regarding local community events.

<i>Telephone</i>	<i>Philippine Long Distance Company</i>	<i>Digitel</i>
<i>Mobile Phone Relay Stations</i>	<i>Globe</i>	<i>Smart Sun cellular</i>
<i>Telegraph</i>	<i>Bureau of Telecommunications</i>	
<i>Telex</i>	<i>None</i>	
<i>Postal</i>	<i>Philippine Postal Corporation</i>	
<i>Print Media</i>	<i>Cordillera Today</i>	

Source: Mayor's Office, Licensing Section