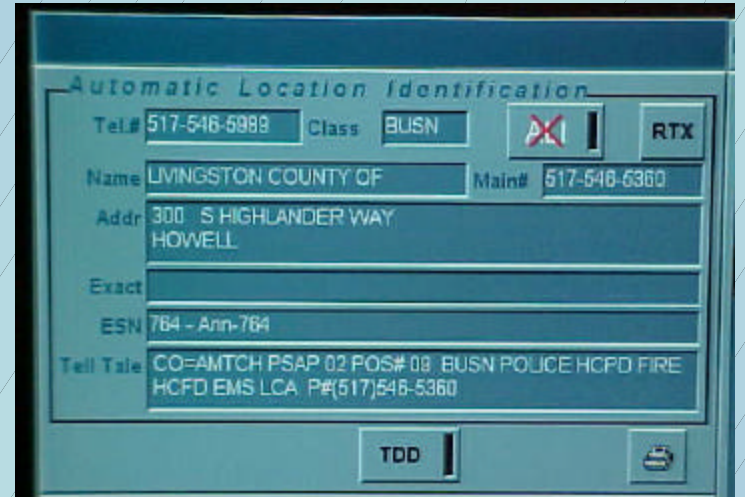
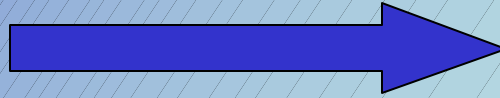


LIVINGSTON COUNTY 9-1-1 CENTRAL DISPATCH

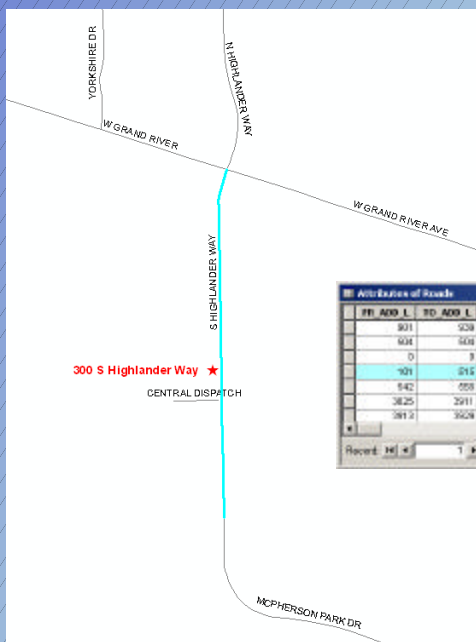
How does 9-1-1 find you?? Traditional Land Line Phone:



Dial 9-1-1



Your phone number & address display on the computer screen



9-1-1 uses the road centerlines maintained by the Livingston County GIS office. Each road segment in the county has a road name & address range saved in the attribute table associated with the roads.

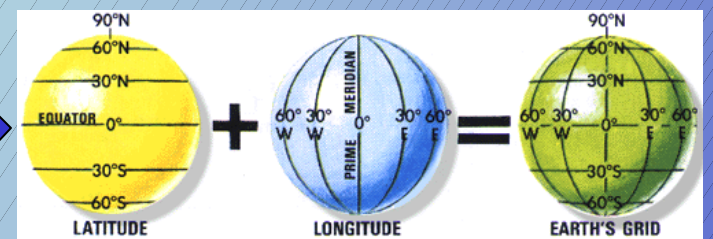
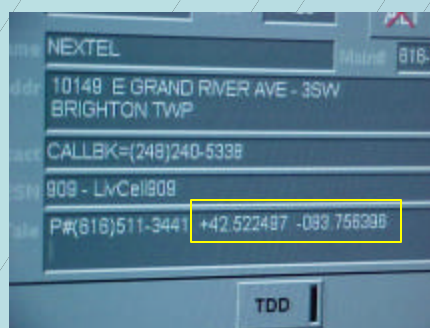
FE	ADD L	TO ADD L	FE	ADD R	TO ADD R	NAME	FLAG	PRE	RT	NAME	DIRTY	POST	DIR	CVT	L	R
811	928	930	944	0	0	PECKLE	ST			35648	32540					
928	930	931	935	0	0	PECKLE	ST			35648	35640					
0	0	0	0	0	0	000	OFFP			35658	35680					
101	015	100	016	0	0	HIGHLANDER	WAY			35648	35640					
142	008	040	054	0	0	PATIMOLY	DR			21858	21880					
325	2911	3235	3918	0	0	SILVER CHARM	LN			45828	46120					
3812	3629	3812	3826	0	0	SILVER CHARM	LN			46128	46130					

For more information about GIS, visit our website at:
co.livingston.mi.us/GIS

Your location is found by geocoding your address. Geocoding (also known as address matching) is the process of identifying the location along a linear feature by interpolating your address based on the address ranges. Based on the location of your address, the dispatch center sends the correct emergency response personnel to the scene.

Cellular Phone:

FCC Phase I Compliant Technology
Provides cell phone number & tower site location/address



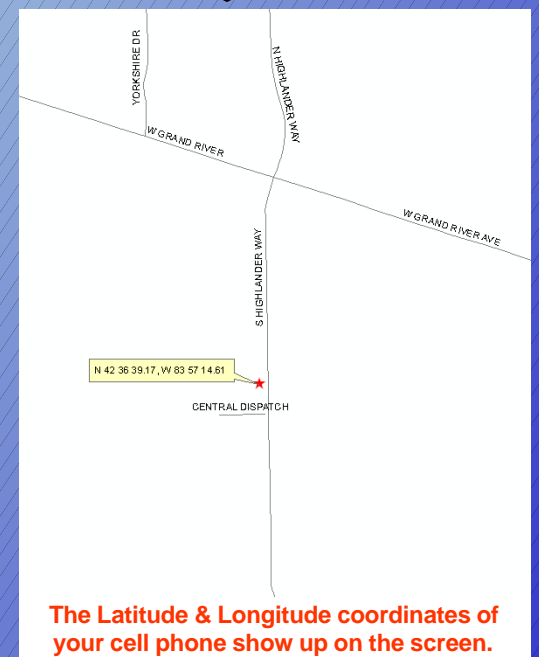
FCC Phase II Compliant Technology
Provides cell phone number & long/lat of cell phone

Handset Solution

- GPS capability in phone itself
- Verizon, Sprint/Nextel, ALLTEL
- Location within 150 meters for 95% of E911 calls

Network Solution

- Involves base stations – towers and antennae – carriers location capability is based upon the network locating the wireless phone – not the phone locating itself
- Cingular & T-Mobile
- Location within 300 meters for 95% of E911 calls



The Latitude & Longitude coordinates of your cell phone show up on the screen.