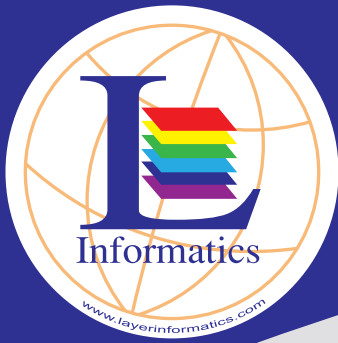




CARTOGRAPHY AND MAP DESIGN

A Case Study



CHALLENGES:

- The first challenge was to identify the city boundary since like many cities; the project area also had no distinct boundaries. Several places in the project area had multiple names owing to different languages being spoken in different parts of the country. Then the classification of road network with reference to the speed limit happened to be another challenge.

INTRODUCTION:

Born from the need to open up the world for trade and to organize the administration of states and colonies, the production of map is becoming more than a systematic representation of space in today's world.

KEY ASPECTS:

- Downloading the city map from the Google-map for the proposed City.
- Creating the City Boundary & approval from the Client.
- Digitization of Route network.
- Symbolization of road network for easy identification and map representation.
- Label Key Elements on the Map.
- Place a graphical scale bar on the map.
- Incorporate a Graphical Hierarchy.
- A Concise Legend, if Necessary.

METHODOLOGY:

- The initial task was to create an area of interest or proposed city boundary was created from Google map.
- Land use polygons were then digitized and symbolized based on the input map provided by the department.
- Road network, which was classified based on road width and color coding, was digitized and overlaid on the Land use layer.
- Road Names, Block numbers, Road Numbers and Place Name were placed as per the annotation placement rule. All the place names were verified with authentic internet sources and also were confirmed with official place name.
- Road Directions were placed from input and also based on the traffic directions.
- QC/QA was carried to ensure aesthetical representation of annotations and landmarks with reference to check list and acceptance criteria.

TECHNOLOGY:

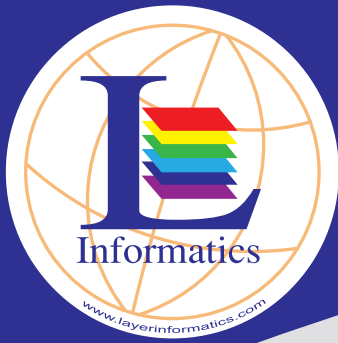
- Adobe Illustrator
- AutoCAD Map 2004

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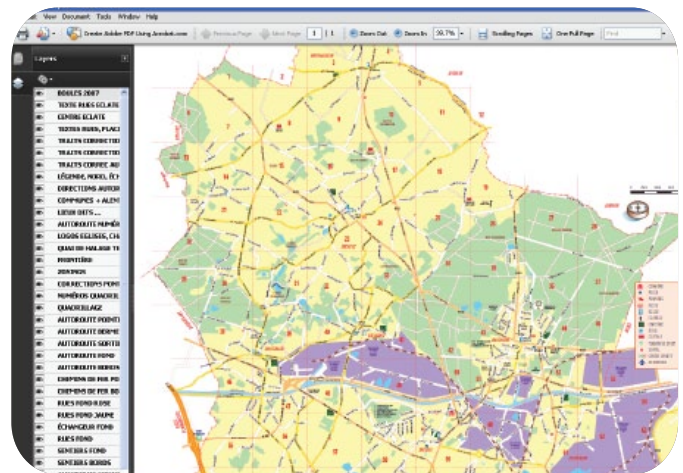
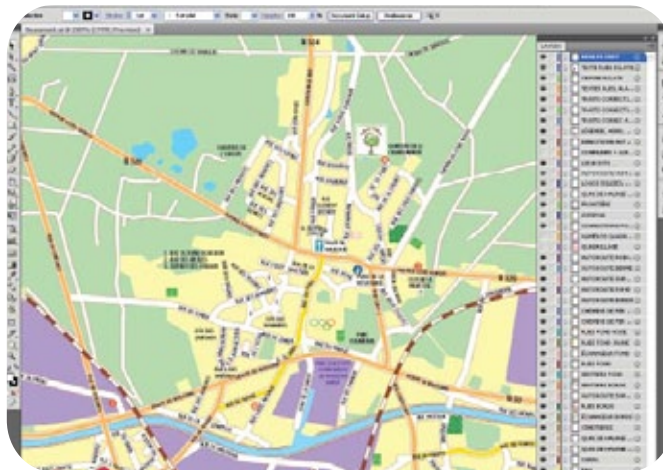
TESTIMONIALS:

We're very pleased with the results. Please extend our thanks to the rest of the team at Layer for a job well done.

APPLICATION:

- The final digital map will be printed to facilitate travel around the city by providing a city tourist guide to the travelers.
- The city tourist guide will help people in their route planning and make them updated with city traffic rules.
- The map will also be used for showcasing the city's heritage and culture by guiding the travelers through important landmarks or points of interest.

SCREEN SHOTS:



UK Office:
Edinburgh EH2 4AT,
Scotland, UK.

US Office:
Scranton, PA 18505
Middle East Office:

Doha, Qatar.



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