Title: ROUTE-BASED MODIFICATIONS TO A MAP

Abstract: Systems and methods for applying one or more route-based modifications to a map are provided. In some aspects, a system includes a pathfinder module configured to determine a primary route from a beginning point to a destination point on the map. The pathfinder module is further configured to generate one or more primary modifications to the map based on the primary route. The system also includes a restyling module configured to apply the primary route and the one or more primary modifications to the map. The one or more primary modifications include at least one of a) adding a first object to the map that would otherwise be excluded from the map if the primary route is not applied to the map and b) excluding a second object from the map that would otherwise be added to the map if the primary route is not applied to the map.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G01C 21/34 (2013.01)
USPC - 701/532
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
IPC(8) - G01C 21/30, 21/34, G08G 1/123 (2013.01)
USPC - 348/619, 701/532, 533

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
CPC - G01C 21/34, 21/3446, 21/3461 (2013.01)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Orbit, Google Patents, Google

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 2012/0059584 A1 (NESBITT et al) 08 March 2012 (08.03.2012) entire document</td>
<td>1-20</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:
  "A" document defining the general state of the art which is not considered to be of particular relevance
  "E" earlier application or patent but published on or after the international filing date
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  "&" document member of the same patent family

Date of the actual completion of the international search
10 December 2013

Date of mailing of the international search report
20 DEC 2013

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