



Data Services

On-Demand Sequencing – How it Works

Process Details

The process can be run once, on demand, or on a regular schedule. The following steps are required:

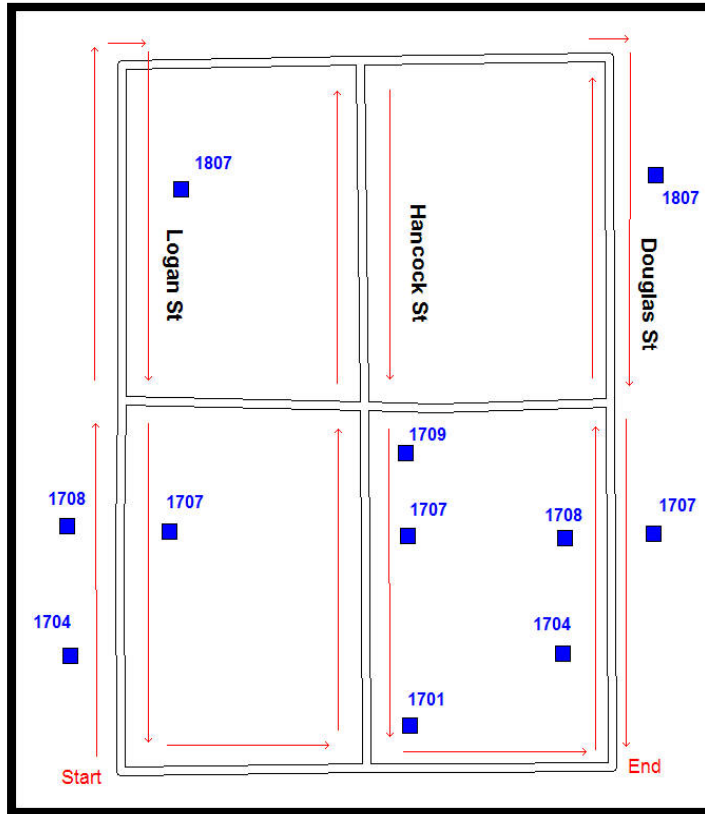
- An ftp location is setup by Willowbend and the customer uploads the subscriber or total address file. The file contains addresses with route information appended or a router is supplied to Willowbend.
- Willowbend loads customer specific geographic street data from Teleatlas – the digital mapping company we use.
- The subscriber or total address file is loaded into the Willowbend system.
- Customer specifies if they want both sides, left side only, or right side only sequencing. One-way streets are always both sides for delivery.
- An automatic delivery sequence, based on the optimal path through the route is calculated by the Willowbend application, for each address on each delivery route.
- A text file with each subscriber address or complete address file and a sequence number representing the sequenced delivery order is output to the customers ftp location. In addition to the sequence information, Longitude, Latitude, and the Census Block Group of each address are appended to the file.
- The sequenced delivery file can be uploaded into the customer’s circulation system or other reporting program. If a Unique ID is supplied with the input file, the information can be updated using that identity.

Examples

An example of an input and output file for left side only sequencing is shown:

Input File			Output File					
UID	Address	Route	Address	Route	Seq	Lon	Lat	CBG
001	1701 Hancock St	1A	1704 Logan St	1A	1	34.112	85.221	31258142142
002	1709 Hancock St	1A	1708 Logan St	1A	2	34.113	85.221	312581421426
003	1707 Douglas St	1A	1807 Logan St	1A	4	34.114	85.221	312581421426
004	1708 Logan St	1A	1707 Logan St	1A	3	34.115	85.221	312581421426
005	1807 Logan St	1A	1709 Hancock St	1A	7	34.116	85.221	312581421425
006	1707 Hancock St	1A	1707 Hancock St	1A	6	34.117	85.221	312581421425
007	1704 Douglas St	1A	1701 Hancock St	1A	5	34.118	85.221	312581421425
008	1707 Logan St	1A	1704 Douglas St	1A	8	34.119	85.221	312581421425
009	1807 Douglas St	1A	1708 Douglas St	1A	9	34.120	85.221	312581421425
010	1704 Logan St	1A	1807 Douglas St	1A	10	34.122	85.221	312581421425
011	1708 Douglas St	1A	1707 Douglas St	1A	11	34.123	85.221	312581421425

The resulting sequence would look like the following on a map.



Contact Willowbend Corporation for more information

Sthompson@willowbend.com

972.248.0451 x 226