

# RELEASE NOTES

28-Oct-99



## Pepperwhite Street™ V2 Evaluation Copy

### **Installation Instructions**

Download and execute V2Eval.exe, which has been code-signed by Pepperwhite. The opportunity is provided to override the default installation directory.

### **Your development environment is preserved**

This evaluation software will not replace any of your system files. The following table lists the DLLs that will be installed on your system, if and only if they do not already exist. Older versions of your DLLs are not replaced.

<b>Conditionally installed and registered.</b>	<b>Required by</b>	<b>Destination directory if installed.</b>
MSVBVM50.DLL COMCTL32.DLL COMDLG32.DLL GRID32.DLL MSCOMM32.DLL	Only required by the sample programs included with the evaluation copy. These are not required by the OCX.	Either \windows\system or \winnt\system32 depending on the operating system you are running.

The PWSTRV2.OCX component will be automatically registered, and can coexist on machines currently using PWSTREET.OCX V1 without conflict.

### **Sample Programs**

Three sample programs are included to illustrate the significant advances you'll experience with Pepperwhite Street V2. Shortcuts to these sample programs can be found on the system menu. All programs include source code written in Microsoft Visual Basic V5.

Developers working in other languages, such as Delphi or C++ can execute the compiled versions of the sample applications and view the source code. In Visual Basic, source code can be found in .FRM files. The full product includes sample code written in the most popular languages.

### **InCar**

This program is a complete vehicle navigation and tracking demonstration that illustrates features such as: real-time map rotation, GPS "snap to road", road name readout and upcoming intersection identification.

#### *Usage:*

- 1) Execute Start | Programs | Pepperwhite Street V2 Eval | InCar.
- 2) From the menu bar, select Connect | Replay from log file. This will begin the playback of a previously recorded GPS data stream.
- 3) Experiment with the option settings shown on the right side of the screen.

#### **pepperwhite**

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## V2Demo

This program is a desktop GIS system written using Pepperwhite Street V2. It illustrates the control's new ability to perform spatial and attribute queries against attached map files.

### Usage:

- 1) Execute Start | Programs | Pepperwhite Street V2 Eval | V2Demo
- 2) Click the *Thematic* button in the top right corner of the screen.
- 3) Select *Income:Per Capita* in the 2<sup>nd</sup> listbox.
- 4) Click the Draw Thematic Map button to see a thematic map of Delaware ZIP Codes colored according to Per Capita Income.

## Geocoder

Pepperwhite Street includes the data and functionality required to lookup street addresses anywhere in the United States and its possessions. This sample program illustrates the new features of "simulated rooftop geocoding", reverse geocoding and automatic display of alternate matches. Street level data and street level geocoding is limited in the evaluation copy to New Castle County, Delaware.

### Usage:

- 1) Execute Start | Programs | Pepperwhite Street V2 Eval | Geocoder
- 2) Click on the Lookup Address button to see a map centered on the described address.
- 3) Click on the map to obtain the nearest address (reverse geocoding).

## ***Using the Evaluation Copy in your software development environment***

The included copy of Pepperwhite Street is fully functional and includes a subset of the data included with the full product. You can develop, but not distribute, software with this copy of Pepperwhite Street.

The evaluation copy of Pepperwhite Street™ Map OCX V2 (PWSTRV2.OCX) must reside in the same path as the map data. This is an intentional limitation of the evaluation version. It is recommended that you do not move the OCX or the data from the path into which it was automatically installed.

## ***Help File***

A completely integrated online help file is included with the evaluation copy. You can access help by selecting the control or one of its properties at design time and by then pressing F1.

The help file can also be opened manually from the menu at Start | Programs | Pepperwhite Street V2 Eval | Pwstreet Help.

## ***Converting from Pepperwhite Street V1***

Make a copy of your application in the evaluation directory. Open the project, remove the (Version 1) Pepperwhite Street OCX and replace it with *Pepperwhite Street OCX V2*. Recompile and test. Additional information can be found in the help file under *Compatibility with Version 1*.

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## ***Getting Help***

If you encounter any difficulties with the evaluation copy, or if you have questions regarding capabilities or techniques, please contact Tech Support at the number shown below.

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