Coral Sales Co.
Highway Safety Solutions

DBE/WBE Certified

RoadView® DMI Camera System

Turn your DMI into a powerful Road Survey Tool!

» Inventory Roadway Signs & Features

» Pavement Management Surveys

» Accident Reconstruction

» Pre & Post Construction Activities

» FEMA Documentation

by H&R Road view

DMI Sensor   DMI Head

55   DISPLAY HOLD   2536

◀ DATA   ◀ POWER

Camera

Use your existing DMI Installs in under 2 minutes!

No Need To Hire 3rd Party Companies

» No Dedicated Vehicles Needed

» Only One Person Needed to Operate

» Installs in Less Than Two Minutes

» No Additional Wiring Required

» Compact Design Fits Almost Anywhere

SMARTpix **Visual Database with every system**

- Virtually "drive" surveyed roads from your computer.
- Image files can be searched both horizontally and vertically.
- Software can search for specific incidents or road features.

- Store related information such as invoices & spreadsheets.
- SMARTpix will assign a milepost to each image you choose.
- Assign direction of travel & GPS coordinates for each road.

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local: 503-655-6351   toll free: 800-538-7245   email: sales@coralsales.com

www.coralsales.com

DMI Camera System
RoadView, LLC

1. Intent:

1.1   Provide a complete, compact, portable and integrated vehicle mounted Camera System that will allow a single user/operator to automatically take pictures of road features and road assets at intervals specified by the user/operator which are programmed into the Vehicle's DMI (Distance Measurement Instrument) for later retrieval and analysis.

2. General Requirements:

2.1   The Camera System will not require a dedicated vehicle or crew.

2.2   The Camera System will work with any Nitestar NS-50 or NS-60 DMI equipped vehicle.

2.3   The Camera System will not rely on any additional hardware or software to operate.

2.4   The Camera System will operate one or two cameras simultaneously.

2.5   The Camera System will be required to take and store approximately 70-90 miles of high resolution images on a 32 GB SD card.

2.6   The Camera System will be required to capture GPS data with links to Google Earth, Bing and MapQuest.

2.7   The Camera System will include a small, handheld, sealed Interface box that requires no software, additional wiring or power inputs.

2.8   The Camera System will not be dependent upon any 3rd party service provider.

2.6   The Camera System will include SMART Pix Microsoft compatible software for purposes of analyzing, sorting and displaying collected photographic images.

3. Functional Components:

Camera:

3.1   Camera will be Sony model A55 or A65 which will be controlled by the DMI through the supplied interface box.

Interface Box:

4.1   Interface box will be a small, sealed, polycarbonate enclosure that houses all system interconnections and equipped with industry standard female connectors for quick connect & disconnect of Camera System components.

Software:

5.1   Camera images will be stored on the camera's SD card & post processed by SMART Pix software produced and supplied by RoadView, LLC.

5.2   Software will assign milepost references to road images based on picture intervals and road lengths.

5.4   Software will establish a visual database which will allow user/operator to virtually "Drive" the photographed roads on a laptop or desktop computer.

5.5   Software will catalog all road features that user/operator identifies from collected photos and chooses to "Tag".

5.6   Software will allow inquires by road name or any number of "Tagged" road features.

5.7   Software will store associated notes indexed to road name or tagged features.