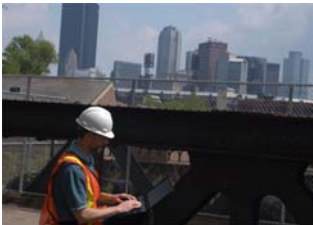


December 1, 2004

## Welcome to the Inaugural Issue!

InspectTech is proud to announce that it is starting the publication of a quarterly newsletter focusing on InspectTech product news and issues related to the inspection and asset management fields, with a special focus on bridges.

If you know of others who would be interested in receiving this newsletter please email their contact information to newsletter@inspecttech.com.



Inspection of a bridge outside Pittsburgh

### inspecttech

4551 Forbes Ave.  
Suite 200  
Pittsburgh, PA 15213

412-681-1521 (p)  
412-682-3068 (f)  
info@inspecttech.com

www.inspecttech.com

# Modern Inspector

InspectTech's Newsletter for Inspection and Asset Management

## City of Philadelphia adopts new Bridge Management and Inspection System

The City of Philadelphia joins InspectTech's growing list of customers for its popular BridgeInspect™ software. The city's Streets Department now has a state of the art bridge inspection and management software system to assist them. InspectTech's BridgeInspect™ Collector software is used by city employees to enhance efficiency and allow all inspection data to be collected on-site.

The BridgeInspect™ Manager software allows in-

stant access, reporting, and powerful management tools to keep track of the city's 300+ bridges. Like most other bridge owners the city previously had relied on an almost entirely paper based system with limited data in Microsoft Excel/Access files. Now all information will be present in digital form and available for instant reporting. What an improvement over the old paper process!

InspectTech provided a 1-day installation and train-

ing session to city personnel. The city chose to install the Collector software on ToughBook laptop computers it already owned. The Manager software is available through secure logins over the city's computer network.



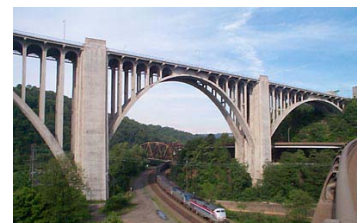
City of Philadelphia Skyline

## SAI Engineers Begins use of BridgeInspect™ Collector

SAI Engineers has recently purchased InspectTech's BridgeInspect™ Collector software. SAI is inspecting a number of large structures in the Pittsburgh area. InspectTech has added new features and capabilities to help with these unique bridges.

InspectTech's software is

designed to support quick implementation of paper based forms. These forms combined with digital pictures, narrative, and sketches can produce a complete bridge inspection report. Inspector's have used the versatile software on structures ranging from 5' to those well over 2,000'.



The famous Westinghouse Bridge, just east of Pittsburgh, is one of many large structures BridgeInspect™ software is being used on.



Ron Kovach of Wilbur Smith Associates uses the BridgeInspect™ Collector software in the field. Wilbur Smith Associates has conducted over 100 inspections using the software.

---

*InspectTech's software is dramatically improving the inspection and management process.*

---



Terry Ummer of HDR uses the BridgeInspect™ Collector software to conduct an inspection.

## Spotlight on Digital Pictures

The saying goes that “a picture is worth a thousand words”. No one doubts the effectiveness and power of pictures to convey the exact nature of conditions and problems at an inspection site.

With the wide scale adoption of digital cameras taking and delivering pictures has never been easier. One question many users have

is what the best setting is for picture quality.

Digital Cameras are commonly referred to by the maximum number of pixels they can take per picture. This is expressed in millions of pixels or megapixels (MP). Modern digital cameras typically range from 1 MP to 8 MP. A camera set to 2 MP property can easily generate a 4x6

quality print. A 3MP camera can support a quality 5x7 print. 8x10 prints are best with a 5MP camera.

For the vast majority of applications a nice 3MP camera is more than sufficient for documenting problems. If you have an option to select your picture format we highly recommend the JPG format as the most efficient method.

## InspectTech Continues Updates

InspectTech continues to update the BridgeInspect™ software suite to provide for even better user experiences and functionality. Some of the new features on the Collector side include:

- Color toggling to help in various light situations
- Element level inspections
- Import any PDF document into the inspection report
- Create and order new report sections
- Internet based team completion of reports
- Full integration with Pennsylvania's E-forms

In addition to the Collector software InspectTech has continued building upon the successful Manager software. Major changes include enhancements to the work order entry and generation of new maintenance reports for bridge work crews.

## Upcoming Bridge Events Calendar

Event Name	Dates	Location
Midwest Bridge Working Group Winter Meeting	Dec. 9th, 2004	Indianapolis, IN
FHWA Steel Bridge Conference	Dec. 15-17 th, 2004	San Antonio, TX
ASCE Structures Congress	April 20-24th, 2005	New York, NY
International Bridge Conference	June 13-15th, 2005	Pittsburgh, PA