

○ People | ○ Relationships | ○ Work Quality | ○ Quick Response

# DRG Engineers

Delich Roth & Goodwillie, P.A.

# Bridge knowledge

## *New Inspection Procedures*

In the wake of the I-35W bridge collapse in Minnesota in 2007 and the renewed focus on the safety of our country's transportation infrastructure, Kansas Department of Transportation (KDOT) has chosen to evaluate the effectiveness of their bridge inspection program. KDOT formed a Local Bridge Inspection Task Force, which has recently completed its evaluation and is now in the process of presenting its findings to the counties, cities and municipalities throughout the state. Several alternatives will be recommended to KDOT for formal acceptance, with the two primary options involving:

**Option 1:** Continue the current practice of local public authorities (LPAs) performing or contracting out the inspections of their bridge structures, with increased KDOT oversight, an expanded and improved statewide standard scope of services, and new quality assurance efforts. Inspections would be paid for entirely with local funds.

**Option 2:** As an alternative, LPAs could request that KDOT take over responsibility for the inspection of their bridges. Under this option the inspections would be paid for through a combination of local and federal funds. The state would be responsible for performing or contracting out the inspections, not the local authorities.

In addition to these new administration procedures, KDOT is also introducing a new software database program for collection, editing and storage of bridge inspection reports. This web-based program will allow inspectors, as well as LPAs, the ability to access information on their bridge structures from anywhere that provides internet access. This KDOT Web-Portal is currently conducting its final beta-testing before it officially replaces the current PONTIS-based program. *DRG Engineers is one of two engineering consultants in the state that is assisting KDOT in these Beta tests.*



## Getting the most services for your money

## *Delich Roth & Goodwillie can guide you through the process for funding your project*

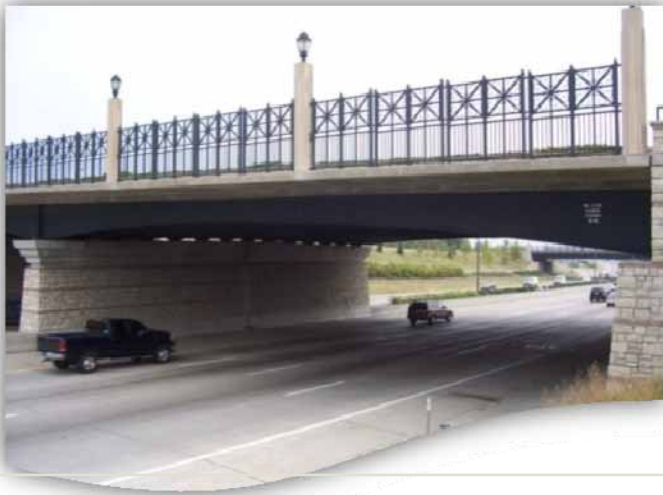
**Funding** for the inspection, maintenance, repair, rehabilitation and replacement of bridge structures primarily comes from the federal Highway Bridge Replacement and Rehabilitation Program (HBRRP). Funds are distributed to the individual state DOTs who in turn allocate the funds to various projects throughout the multiple counties, cities and other municipalities as they think will best benefit their particular states.

States can become eligible to receive a proportional amount of the overall pool of funds based on their share of the total cost to repair or replace all structurally-deficient and functionally-obsolete bridges nationwide.

Most states also allocate a portion of their own budgets to supplement the federal funds when preparing budgets for their overall bridge programs. This is particularly important for structures that are not part of the federal interstate highway system; such as smaller bridges in towns and rural areas.

For any structure to become eligible for federal funding it must meet the requirements concerning its Sufficiency Rating (S.R.), while also being classified as either structurally-deficient or functionally-obsolete. The S.R. is used by both federal and state agencies to determine the relative condition of all the nation's structures. *(over)*





# Bridge

**DYNAMIC INDIVIDUALS WHO ARE READY  
TO PROVIDE YOU WITH EFFECTIVE AND  
COMPETENT ENGINEERING SERVICES**

## Qualified and experienced staff

*DRG staff listens to your needs and are ready to assist you when the occasion/opportunity arises.*

Delich Roth & Goodwillie (DRG) is proud of our bridge expertise that encompasses all aspects of a bridge life cycle including design, construction, inspection, load rating and maintenance.

DRG is committed to delivering high quality results in a timely manner, while maintaining excellent working relationships with our clients. Our ability to continually meet or exceed our clients' needs is due to our excellent project team that listens.

Our bridge staff has over 150 years of combined experience in the design and construction of bridges, as well as the necessary expertise concerning inspection procedures required for any bridge type.

Additionally, DRG has professional staff members who have completed the National Highway Institute's course on Safety Inspection of In-Service Bridges and are ready to assist you with competent inspection services when the need arises.



**For further information on the new inspection procedures or the KDOT Web-Portal program, feel free to contact DRG Engineers.**

# know-how

- **Qualified People**
- **Building Relationships**
- **High Work Quality**
- **Quick Response**

## Services

**Bridge Services Available:** Bridge Inspections and Ratings, Bridge Design and Rehabilitation, Structural Inspections, Retaining Walls and Flood Walls, Structural Analysis, Structural Rehabilitation, Bridge Hydraulic Analysis, Construction Inspection, Cost Estimating, Feasibility Studies

**Other Services:** Transportation, Stormwater, Dam Inspections, Wastewater, Water Supply, Structural Engineering, Civil Engineering, Mechanical Engineering, Utility Coordination, Subsurface Utility Engineering (SUE), GIS Planning and Development, Emergency Response Assistance ... **and Many More.**

*If you would like more information regarding any of the above services, please feel free to contact either of our offices.*



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