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I REQUEST THAT IS DOCUMENT BE READ OUT LOUD AT THE OPEN MEETING OF THE COUNTY COMMISSIONER'S MEETING AND RECORDED FOR THE RECORD.

SUBJECT: I Need your Help! Thus, this will help your County solve your Bridge replacement cost

Dear County Commissioners

I need all the County Commissioner's help, to petition the Nebraska State Legislators to investigate the "**Nebraska Engineering Professionals**", Leaders at the NE Dept. of Roads, County Engineering Consultants' and the Board of Engineers & Architects. From now on when I mention the "**NE Engineering Professional**" it will always mean the three groups that I just mention above.

Please let me give you some of my back ground;

I have over 42 years in the Engineering Profession, 3 years as the Leader of a design squad in Europe for US Army Crop of Engineers in Germany and 32 years as Structural Bridge Designer and Bridge Inspector for the Ne Dept. of Roads Bridge Division, but I am now retired from the State. So, I know the deals that the so call **NE Engineering Professionals** pull, so that the Engineers do not have to compete for tax's dollars like the rest of the Contractors must do. Plus, they have eliminated the use of competition for engineering designs to be use at the Bridge Letting Table.

I learned Structural Engineering thru NE Apprenticeship program plus I have a Associate Degree in Architecture with Honors in 1971 from Nebraska Tech at Milford NE and a certificate in 1972 from a 6 month (8 hr/day) Military Engineering school at Ft Leonard Wood where I graduated 5th out of 32 students. Please review the attached Document.

Now please let me explain!

Back in 1994, I develop a new design concept which I call "Compression Theory w/ Compression Splice. In laymen's terms, it uses compression splice developed by the Chinese 5,000 years ago, and the Arch design w/ the keystone developed by the Romans & Greeks 3,000 years ago, but using modern materials.

After 2 years working with 1" scale models I perfected my design concept and in 1996 I presented to the NE Bridge Engineer & Asst. Bridge Engineer, Mr. Lyman Freemon and Mr. Moe Jamshidi. This is where all my trouble started with the **NE Engineering Professionals**. Mr. Freemon & Mr. Jamshidi called me a

“dummy” in front of my peers and said, and I quote, **“There is no way anyone can create a Design Theory without a 4 Year degree”**. I just remember the Wright Brothers who created Air flight, they did not have a 4-year degree and if you go back into history the Roman’s, Greek’s, Egyptians’ and the Chinese, whose structures are still standing and are over 3000 years old, they did not have a four-year degree. The modern 4-year degree Engineer with their structures, will only last about 55 years and then they need to be replaced, plus in 10 years the decks will need major overhaul (that is your tax dollars being wasted by the **NE Engineering Professionals**).

Now that Mr. Freemon turned down my design, I was able to apply for and got a patent for my design in 1999. My next step was to find companies and a county government who could help me finance the cost for testing at UNL lab. I was able to get Lincoln Steel and a Contractor from Kansas and Dr. Azizinamini from UNL, but it fell apart after 8 months later after I tried to get Cass County on board (Seem there was a County Consultant, Mark Manilla who did not want Cass County to help me).

It wasn’t till 3 years later that I found out that Mr. Freemon & Mr. Jamshidi did not want Dr. Azizinamini to do any testing on my Bridge Design. So, I tried to hire 3 different Engineers in 3 years to represent me, this is when I found out I was black listed by the **NE Engineering Professionals** (Why are these Engineers so afraid of me. Is it because they do know how strong my Design is)? The first Engineer I tried to hire, let me know I was **Black Listed** as he stated to me, the word is out that anyone who would help Dennis, can or will lose their License. The other two Engineers stated to me if they helped me they could lose their qualification on State design jobs.

In 2002 the **NE Engineering Professionals** had the law changed and did away with the NE Apprenticeship program and had the Grand Father Clause removed. They then required that one must have a 4-year degree to become licensed.

Then in 2008 as I was attending a Concrete Design class being taught by Dr. Tadros, I presented my design to Dr. Tadros and how the **NE Engineering Professionals** has treated me. He was not happy with the way the Profession has treated me. So, in 2009 Dr. Tadros provided me time and space at the UNO Engineering Lab to test my design. I had to borrow over \$30,000 dollars to get the girder built and tested.

The test was perfect and I was able to put an 80,000 lb live axle load with a 6” deflection and the girder bounced back. No bridge in the U.S. can carry this over load capacity. The girder was design for a 40,000 lb axle (HS-25 design) with only a ½” deflection, which it met. (Go to www.standardbridge.com for more details).

My girder could have carry a heavier load, but at 50,000 lb live load one of the fixed end abutment at the lab, slipped which put the designed from Fixed End design to Simple Span design.

The reason, why I need the counties help, few years back I contacted Governor Heineman and Attorney General Mr. Bruning to do an independent investigation What a joke that was. All they did, was ask the bad actors, (**NE Engineering Professionals**) who was guarding the Chicken House, “Is everything OK?” Of course, the bad actors are not going to tell the truth. They will lie to cover up that they are writing laws to stifle competition to keep the marketplace of ideas from driving down costs of construction.

Did you all know a few years back the “NDOR Bridge Office” had a County Design Squad that would provide bridge design plans for the poorer counties for a few pennies on the dollar! But the Engineer who was in charge of this squad quit the state, and is now a County Engineering Consultant. What is funny this Engineer with the help of another County Engineering Consultant met with Mr. Freeman & Mr. Jamshidi and had the County Design Squad dissolved so they would not have competition and now you know why your county engineering cost is so high (No Competition for Designs).

Finally, the **NE Engineering Professionals** has made rules which place them above the law when it comes to Federal & State Equal opportunities and discrimination laws. It reminds me of the Steven Segal movie, “**Above the Law**” where a government agency is not responsible to the people, but only to itself.

Conclusion;

Now this is where I can help the Nebraska Counties, why'll we are waiting for the Nebraska State Legislators to do a complete Investigation of the **NE Engineering Professionals**.

With my Predesigned/Prefab Bridge System, I developed it so unskilled labor can erect the bridge system which means a local contractor or county crew under my supervision can build the bridge. For the county, the tax cost is reduced allowing taxpayer money to be redirected to grow other areas of the local economy.

With the custom design and custom built only the specialized contractor can erect these bridges. This means the tax dollars the county spends goes to a different region and nothing goes to your local economy (If I was a local Tax's Payer, I'd be upset with this). Also, I found out these specialized contractors do not want to see my bridge system be built as it would cause competition, which they do not want.

If a county would just recognize me as a Structural Bridge Engineer for their county, (until the Legislator completes its investigation) and help built my bridge system in their county road system. I will do a live load test of my Bridge using a twin engine loaded pan scraper and I will stand under my Bridge to prove that my design is sound. Just think at Harvest time, the Farmers will not have any problems moving their heavy equipment any more.

Thank you for your patience

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