

**MINUTES  
LANCASTER COUNTY BOARD OF COMMISSIONERS  
TUESDAY, APRIL 1, 2014  
COUNTY-CITY BUILDING, ROOM 112  
10:30 A.M.**

*Advance public notice of the Board of Commissioners meeting was posted on the County-City Building bulletin board and the Lancaster County, Nebraska, web site and emailed to the media on March 28, 2014.*

Commissioners present: Larry Hudkins, Chair  
Brent Smoyer, Vice Chair  
Roma Amundson  
Jane Raybould  
Deb Schorr

Others present: Kerry Eagan, Chief Administrative Officer  
Gwen Thorpe, Deputy Chief Administrative Officer  
Brittany Behrens, Deputy County Attorney  
Dan Nolte, County Clerk  
Cori Beattie, Deputy County Clerk  
Angela Zocholl, County Clerk's Office

The Chair called the meeting to order at 10:31 a.m. and the location of the Nebraska Open Meetings Act was announced.

1) **PLEDGE OF ALLEGIANCE**

2) **MINUTES: Approval of the minutes of the Board of Commissioners meeting held on Tuesday, March 25, 2014.**

**MOTION:** Smoyer moved and Raybould seconded approval of the minutes. Schorr, Raybould, Amundson and Smoyer voted aye. Hudkins abstained. Motion carried 4-0 with one abstention.

3) **CLAIMS: Approval of all claims processed through Tuesday, April 1, 2014.**

**MOTION:** Amundson moved and Raybould seconded approval of the claims with the exception of Payment Voucher 435413, Payment Voucher 435411 and Payment Voucher 434877.

Amundson discussed the delay in submitting these payment vouchers and encouraged departments to be more cognizant of processing claims within the allotted 90-day period.

**AMENDED MOTION:** Amundson amended her motion to approve the late claims (Payment Voucher 435413, Payment Voucher 435411 and Payment Voucher 434877). The seconder concurred.

Schorr suggested discussing payment vouchers at a management team meeting.

**ROLL CALL ON AMENDED MOTION:** Raybould, Amundson, Smoyer, Schorr and Hudkins voted aye. Motion carried 5-0.

4) **SPECIAL PRESENTATIONS:**

A. **Recognition of the "I Mean It!" art exhibit at the County-City Building – Deon Bahr, Artist, and Liz Shea-McCoy, Exhibit Coordinator.**

Liz Shea-McCoy encouraged artists to submit their work for future exhibits in the County-City Building. She introduced Deon Bahr, the current exhibiting artist.

Deon Bahr talked about his involvement in building the County-City Building. He discussed the basis of his work using the golden mean (1.61803398875) and presented an example of his work.

B. **Recognition of Doug Ahlberg, Emergency Management Director, for his service to the people of Lancaster County.**

Hudkins read comments regarding Doug Ahlberg's history with the County (Exhibit A). Doug Ahlberg expressed his appreciation and introduced his wife. He received a plaque from Kerry Eagan, Chief Administrative Officer.

5) **NEW BUSINESS:**

A. **Appointment of Mark Hosking as the interim director of the Lancaster County Emergency Management Department at an annual salary of \$55,000, effective April 1, 2014.**

Mark Hosking expressed his appreciation to Doug Ahlberg for being a wonderful mentor.

**MOTION:** Raybould moved and Amundson seconded approval of the appointment. Schorr, Raybould, Amundson, Smoyer and Hudkins voted aye. Motion carried 5-0.

B. **Special events permit application for the Bryan Health Bike Bash on May 18, 2014.**

**MOTION:** Smoyer moved and Raybould seconded approval of the special events permit. Raybould, Amundson, Smoyer, Schorr and Hudkins voted aye. Motion carried 5-0.

C. **Special designated license applications for WunderRosa Winery, 2361 Wittstruck Road, on April 25-27, June 6-8, July 11-13 and July 24-27, 2014.**

Linda Wunderlich, WunderRosa Winery, discussed the upcoming events.

**MOTION:** Raybould moved and Amundson seconded approval of the special designated licenses. Amundson, Smoyer, Schorr, Raybould and Hudkins voted aye. Motion carried 5-0.

D. **Recommendation from Purchasing and the County Engineer to award a contract to Judds Brothers Construction Company in the amount of \$17,990 for repair of County Bridge A-58. (B-14-0016)**

**MOTION:** Smoyer moved and Raybould seconded approval of the recommendation. Smoyer, Schorr, Raybould, Amundson and Hudkins voted aye. Motion carried 5-0.

**NEW BUSINESS CONTINUED:**

- E. **Recommendation from Purchasing and the County Engineer to issue a contract to Vulcan Aluminum at an estimated cost of \$18,110.50 for the annual supply of traffic signs and sign faces. (B-14-0017)**

**MOTION:** Amundson moved and Smoyer seconded approval of the recommendation. Schorr, Raybould, Amundson, Smoyer and Hudkins voted aye. Motion carried 5-0.

- F. **Contract with Ultramax Ammunitions for the annual supply of .223 rifle ammunition. Term of the contract is one year from the date of execution. (C-14-0165)**

**MOTION:** Smoyer moved and Raybould seconded approval of the contract. Raybould, Amundson, Smoyer, Schorr and Hudkins voted aye. Motion carried 5-0.

- G. **Contract with Simmons Gun Specialties for the annual supply of .223 rifle ammunition. Term of the contract is one year from the date of execution. (C-14-0166)**

**MOTION:** Smoyer moved and Amundson seconded approval of the contract. Amundson, Smoyer, Schorr, Raybould and Hudkins voted aye. Motion carried 5-0.

- H. **Mini-grant contract application and award with the Nebraska Office of Highway Safety in the amount of \$2,838 for the County Sheriff to conduct saturation patrol on July 3, 2014, and July 26, 2014. (C-14-0167)**

Terry Wagner, County Sheriff, said extra deputies would be used for special events in Hickman and Waverly. The grant would help cover overtime expense.

**MOTION:** Raybould moved and Smoyer seconded approval of the contract. Smoyer, Schorr, Raybould, Amundson and Hudkins voted aye. Motion carried 5-0.

- I. **Amendment to County Contract C-12-0173 with 3M Company, Traffic Safety Systems for the annual requirements to supply and deliver reflective sheeting. The amendment renews the agreement for an additional one-year term from February 1, 2014, to January 31, 2015. (C-14-0168)**

**MOTION:** Smoyer moved and Schorr seconded approval of the amendment. Schorr, Raybould, Amundson, Smoyer and Hudkins voted aye. Motion carried 5-0.

- J. **Addendum #3 to a lease agreement with the Department of Administrative Services, State Building Division, acting on behalf of the Department of Corrections, for office space in Trabert Hall. The addendum renews the lease agreement for a two-year term from May 1, 2014, to April 30, 2016. (C-14-0169)**

**MOTION:** Amundson moved and Raybould seconded approval of the addendum. Raybould, Amundson, Smoyer, Schorr and Hudkins voted aye. Motion carried 5-0.

**NEW BUSINESS CONTINUED:**

- K. **Business associate agreement between the Nebraska Department of Health and Human Services and Lancaster County, on behalf of Lancaster County General Assistance, for the protection and safeguarding of protected health information. (C-14-0170)**

**MOTION:** Raybould moved and Smoyer seconded approval of the agreement. Amundson, Smoyer, Schorr, Raybould and Hudkins voted aye. Motion carried 5-0.

- L. **Grant contract with the Family Violence Council in the amount of \$19,875 for the Safe and Sound Trauma Response for Juveniles Study. Term of the grant contract is March 1, 2014, to December 31, 2014. (C-14-0171)**

**MOTION:** Smoyer moved and Raybould seconded approval of the contract. Smoyer, Schorr, Raybould, Amundson and Hudkins voted aye. Motion carried 5-0.

- M. **Settlement agreement and release between Scott M. Stidhem and Lancaster County. (C-14-0172)**

**MOTION:** Schorr moved and Smoyer seconded approval of the agreement. Schorr, Raybould, Amundson, Smoyer and Hudkins voted aye. Motion carried 5-0.

- 6) **CONSENT ITEMS: *These are routine business items that are expected to be adopted without dissent. Any individual item may be removed for special discussion and consideration by a Commissioner or by any member of the public without prior notice. Unless there is an exception, these items will be approved as one with a single vote of the Board of Commissioners. These items are approval of:***

- A. **Right-of-way contracts between the County Engineer and Gary and Marlene Walker, 10200 N. 27<sup>th</sup> Street, in the amount of \$9,567.19. (C-14-0173) (C-14-0174)**
- B. **Receive and place on file the Village of Roca Management's Discussion and Analysis, Financial Statements and Supplementary Information for the year ending September 30, 2013.**
- C. **Setting of a public hearing on Tuesday, April 15, 2014, at 10:30 a.m., in Room 112 of the County-City Building (555 S. 10<sup>th</sup> Street, Lincoln) regarding expansion of Lancaster County Public Rural Transit transportation services for which financial assistance is being sought from the Federal Transit Administration pursuant to the Federal Transit ACT (FTA).**

**MOTION:** Raybould moved and Smoyer seconded approval of the consent items. Raybould, Amundson, Smoyer, Schorr and Hudkins voted aye. Motion carried 5-0.

- 7) **PUBLIC COMMENT: Those wishing to speak on items relating to County business not on the agenda may do so at this time.**

**PUBLIC COMMENT CONTINUED:**

Hudkins read a letter from the Lancaster Event Center thanking the County for Commissioner Amundson's assistance in selecting their new director (Exhibit B). Amundson reminded everyone of the April 24<sup>th</sup> Open House at the Lancaster Event Center.

Kerry Eagan submitted correspondence from Dennis Vodicka regarding bridge replacement (Exhibit C).

8) **ANNOUNCEMENTS:**

- A. **The Lancaster County Board of Commissioners will hold a staff meeting on Thursday, April 3, 2014, at 8:30 a.m., in the Bill Luxford Studio of the County-City Building (555 S. 10<sup>th</sup> Street, Lincoln).**
- B. **The Lancaster County Board of Commissioners will hold their next regular meeting on Tuesday, April 8, 2014, at 10:30 a.m., in Room 112 of the County-City Building (555 S. 10<sup>th</sup> Street, Lincoln) with the Board of Equalization immediately following.**
- C. **The County Commissioners can be reached at 402-441-7447 or [commish@lancaster.ne.gov](mailto:commish@lancaster.ne.gov).**
- D. **The Lancaster County Board of Commissioners meeting is broadcast live. It is rebroadcast on Tuesday and Saturday on 5 City-TV, Cable Channel 5. In addition, the meeting may be viewed on the internet at [lancaster.ne.gov](http://lancaster.ne.gov) under 5 City-TV, Video on Demand or 5 City-TV on YouTube.**

9) **ADJOURNMENT**

**MOTION:** Smoyer moved and Amundson seconded to adjourn the Board of Commissioners meeting at 11:12 a.m. Amundson, Smoyer, Schorr, Raybould and Hudkins voted aye. Motion carried 5-0.

  
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Dan Nolte  
Lancaster County Clerk



**MINUTES  
LANCASTER COUNTY BOARD OF EQUALIZATION  
TUESDAY, APRIL 1, 2014  
COUNTY-CITY BUILDING, ROOM 112  
IMMEDIATELY FOLLOWING THE LANCASTER COUNTY  
BOARD OF COMMISSIONERS MEETING**

*Advance public notice of the Board of Equalization meeting was posted on the County-City Building bulletin board and the Lancaster County, Nebraska, web site and emailed to the media on March 28, 2014.*

Commissioners present: Larry Hudkins, Chair  
Brent Smoyer, Vice Chair  
Roma Amundson  
Jane Raybould  
Deb Schorr

Others present: Scott Gaines, Deputy County Assessor/Register of Deeds  
Kerry Eagan, Chief Administrative Officer  
Gwen Thorpe, Deputy Chief Administrative Officer  
Brittany Behrens, Deputy County Attorney  
Dan Nolte, County Clerk  
Cori Beattie, Deputy County Clerk  
Angela Zocholl, County Clerk's Office

The Chair called the meeting to order at 11:12 a.m. and the location of the Nebraska Open Meetings Act was announced.

1) **MINUTES: Approval of the minutes of the Board of Equalization meeting held on Tuesday, March 25, 2014.**

**MOTION:** Raybould moved and Schorr seconded approval of the minutes. Schorr, Raybould, Amundson, Smoyer and Hudkins voted aye. Motion carried 5-0.

2) **ADDITIONS AND DEDUCTIONS TO THE TAX ASSESSMENT ROLLS: (See attached additions and deductions)**

**MOTION:** Amundson moved and Schorr seconded approval of the additions and deductions. Raybould, Amundson, Smoyer, Schorr and Hudkins voted aye. Motion carried 5-0.

3) **MOTOR VEHICLE TAX EXEMPTION APPLICATIONS:**

**First Baptist Church  
Mid-America Union Conference of Seventh Day Adventists  
Tabitha**

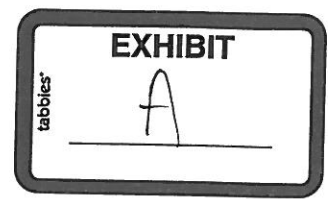
**MOTION:** Raybould moved and Smoyer seconded approval of the motor vehicle tax exemption applications. Amundson, Smoyer, Schorr, Raybould and Hudkins voted aye. Motion carried 5-0.

4) **ADJOURNMENT**

**MOTION:** Schorr moved and Raybould seconded to adjourn the Board of Equalization meeting at 11:13 a.m. Smoyer, Schorr, Raybould, Amundson and Hudkins voted aye. Motion carried 5-0.

  
\_\_\_\_\_  
**Dan Nolte**  
**Lancaster County Clerk**





## Doug Ahlberg

- Lancaster County Emergency Management Director for 15 years (was Interim Director and officially hired as Director April 1, 1999. He previously retired from the Lincoln Police Department)
- Over those years many things happened to change what “emergency management” means. Two things in particular stand out:
  - Sept. 11, 2001 terrorist attacks
    - These attacks brought about a new level of preparedness
    - Lancaster County is as well prepared as you can be for these types of emergencies. Doug has compiled a thorough resource listing, along with equipment and supplies placed strategically throughout the County for ease of access. Volunteers and first responders have been trained. Coordination with the State of Nebraska and the Federal Emergency Management Agency has become more important.
  - The F4 tornado that went through the southern part of Lancaster County in May of 2004. Hallam and the Norris School area were particularly hard hit. - *Ministers<sup>the town</sup> - Street Service*
- Doug was instrumental in establishing the new Emergency Management Operations Center at 233 S. 10<sup>th</sup>, a state of the art facility with the technology needed to handle all types of emergencies
- Doug has recruited and trained many volunteers who are available during emergencies. These volunteers include the storm spotters many of us see as they watch the sky in their assigned locations.
- The training requirements for the emergency management director have increased dramatically. The director is also required to coordinate training for responders throughout the year. These trainings include mock airplane crashes and school bus accidents, among other types of trainings.

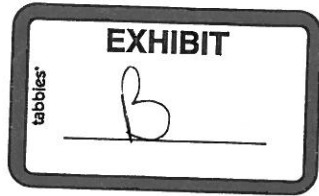


- Doug has played a key role in coordinating with other counties in the southeast region of the state to handle grants, communication equipment, etc.

*Doug has been extremely dedicated & loyal to Linc Co - 2 Governors considered him for State Services*

Doug has Lancaster County, Lincoln, and all of the villages and cities in the county prepared for disasters and emergencies.

The Board wants to extend our thanks to Doug for his service and work on behalf of the citizens of the county. We wish him the best as he retires. He will be missed. Or will he....we do have his new cell number.

The logo for the Lancaster Event Center features a silhouette of a building with a central tower and a flag on top. Below the silhouette, the words "LANCASTER EVENT CENTER" are written in a large, bold, serif font.

4100 North 84<sup>th</sup> Street, Lincoln, NE 68507 (402) 441-6545 Fax: (402) 441-6046 www.lancastereventcenter.com

RECEIVED  
MAR 28 2014  
LANCASTER COUNTY  
BOARD

March 21, 2014

Lancaster County Commissioners  
Larry Hudkins, Chair  
Brent Soymer, Vice Chair  
555 South 10<sup>th</sup> Street, Room 110  
Lincoln, NE 68508

Dear Commissioner Hudkins and Smoyer,

We, the Lancaster County Agriculture Society members, want to extend our thanks and gratitude to you for allowing Roma Amundson to be part of the Search Committee for the Managing Director for the Lancaster Event Center.

We felt it was important to have input from the County Commissioner as we did our search. Roma was an excellent resource for us and she brought very good insight to the search committee.

Thanks again,

A handwritten signature in cursive script that reads "Ron Dowding".

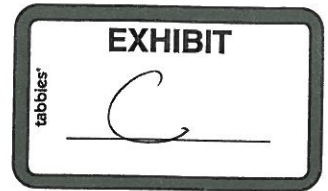
Ron Dowding  
Ag Society President



RECEIVED

MAR 26 2014

LANCASTER COUNTY  
BOARD



Dennis A. Vodicka  
Structural Bridge Designer/Bridge Inspector  
206 8<sup>th</sup> Corso  
Nebraska City NE, 68410  
402-873-8172

March 9, 2014

**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 have to 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 5<sup>th</sup> 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, who structures are still standing and are over 3000 years old, they did not have a four year degrees. The modern 4 year degree Engineer with their structures, will only last about 55 years than they need to be replaced, plus in 10 years the Decks will need major overall (that is your tax dollars being well spend by the **NE Engineering Professionals**).

Now that Mr. Freemon turndown 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 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 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 help 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. Than required that one must have a 4 year degree in order to be licensed.

Than 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. Thou I had to borrow over \$30,000 dollars to get the girder built and tested.

**The test was perfect**, I was able to put an 80,000 lb live axle load with a 6” deflection and the Girder bounce back, no Bridge in the U.S. can carry this over load. 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](http://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 asked the Foxes (**NE Engineering Professionals**)” who was guarding the Chicken House, “Is everything OK?” Of course the Foxes are not going to tell the truth, (when they have all the eggs they can eat and destroy the chickens that cause trouble).

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. Freemon & 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 it's self.

**Conclusion;**

And 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 develop 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 dollars spent stays in your County and helps the local economy grow.

With the custom Design and custom Built only the specialized Contractor can erect these Bridges. This means the Tax dollars the County spend go's 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 patents



Dennis A. Vodicka

Structural Bridge Designer/Bridge Inspector

# Dennis A. Vodicka

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**Objective** To prove Dennis' Engineering Experience as a Structural Bridge Designer.

**Education** Aug 1969 – July 1971 Nebraska Tech Milford, NE  
**Associate Degree in Architecture with High Honors**

Oct 1971 – Apr 1972 U.S. Army Corp Engineers Fort Leonard Wood  
Construction Foreman/Inspector/Engineer School (Went into the Army as a E-5 right out of Milford)

**Certificate of Training (Graduated 5<sup>th</sup> of a Class of 32)**

This School was a classroom with hands-on training. Here, I learned Concrete and Asphalt design, mixes, and batching plant operations. Then went to Rock Quarrying operations, Road and Airfield design to include Surveying. Then learned how to design Buildings and Hangers to include Construction of these buildings. Finally, we studied Bridge design, where we had to design a Timber Bridge and then, had to build it. After the bridge was built, we tested the bridge by driving vehicles on it.

**Professional experience** Apr 1972 – July 1974 293<sup>rd</sup> Engineer Battalion Germany  
**Chief Design Draftsman**

Here, I was in charge of the Design and Detail Section. I had worked with two West Point Engineers Cpt. Charles Robb and Cpt. Roy Noggle who started me off in the direction of Engineering Apprenticeship. I had six detailers under my leadership. Plus worked with, and supervised the Survey Section and the Material & Testing Section.

Feb 1979 – Feb 2011 (32 years) Retired NDOR – Bridge Division Lincoln, NE

**Bridge Designer II** (equals to licensed Engineer III)

At the NDOR, my responsibility is to design and check bridge plans. In the meantime, I detail my own bridge design. Was on the **Rebar Duit Team** as well on the NDOR Bridge Division LFD **Bridge designing Manual Team**.

Here I started working for NDOR Bridge Design Apprenticeship program, but by the time I became eligible to take the EIT. The Broad of Engineer & Architecture changed the rules requiring that one must have a 4 year degree to take the EIT and than in 2002 the Broad did away with Apprenticeship program. This is why I do not have a SE License.

My final 4 years at the NDOR was in the Inspection of and repair existing bridges and bringing these bridges back to code. Example L street at 32<sup>nd</sup> in Omaha, 275 bridge near Winslow, hwy 30 near Lodgepole.

Developed a **Pipe Pile Splice for Timber Pile repair** which brings back the full load capacity of the timber Pile.



**Patents and publications**

I have two Patents, one for a Compression Splice with combination Roll Beam design for bridges under Patent No. 5966764 and the other is for a Prefabricated all Steel Pier, which will only take 4 days to build under Patent No. 6449791 B1. These patents allow a contractor to build a one span Bridge in just 25 days. These patents were created with workers safety and to be very environmental safe for the environment.

**Additional professional activities**

Mr. Claude Oie, PE, and I, on a part-time basis, did septic system and percolation testing and design business. Most of our designs have been in Cass and Lancaster Counties.

In 1996 developed Compression Theory for Steel Bridge Girders using my Compression Splice. It wasn't until 2009 when I could afford to test my Theory with the help of my good friend Dr. Maher Tadros, at the UNO Engineering Lab. I proved that my Theory worked.

Bridge Inspector as a Bridge Team Leader to include Fracture Critical Bridge Inspection.

**Extracurricular activities**

I have attended several refresher courses through the State in Concrete and Steel design using LFD and LRFD taught by UNL/UNO Professors, Dr. Azizinamini and Dr. Tadros. Plus taken several courses provided by the Federal Highway Administration.

**Awards received**

Certificate of Achievement from the United State Army Corp of Engineers, 24<sup>th</sup> Engineer Group (Construction)

2 - Extra Mile Award from NDOR for the emergency design replacement for Military Road Bridge over I-680 and for the Big Spring Bridge over I-80.

**Summary of qualifications**

1951 - 1979                      Vodicka & Sons Constr.                      Dunbar, NE  
**Partner**

Ran a Construction Company doing Farm buildings and Residual construction until the housing market went out in 1979.

1979 – 1998 (Retired)      Nebraska Army & Air National Guard      Lincoln, NE

**Heavy Equipment/Pavement Section Supervisor**

In the Air National Guard, I was in charge of 25 to 50 people in training and running construction projects mostly on Air Bases here in the U.S. and overseas (Israel, Panama, Germany, Canada and Alaska).

▪

In Army National Guard was the Company Clerk for the Nebraska City Unit and than in 1981 to 1982 was the Temporary Unit Administer for the Nebraska Unit until a full time person was located.

## **Career Highlights**

While in Germany, I designed the first dirt quarter mile vehicle racetrack, in which it had to have a 55-mile/hr. speed limit for the German and American Force to race in. Basically, we took a steep hill and cut it in half. In 2010 this Racetrack is still in place at Baumholder, Germany, even though it is no longer in use.

Designed the tallest and longest span steel bridge in the State of NE, just south of Valentine over the Niobrara River.

Remodeling of I-480 in downtown Omaha from 20<sup>th</sup> street to and include the Missouri River bridge.

One of the key Designers of the simple Span made continuous Box Girder Bridge, on N2 over I-80 (Developed by Dr. Azizinamini).

One of the lead Designers for the Columbus Tied Pipe Arch Post Tensioned Bridge (Developed by Dr. Tadros).



Some of the Nebraska Bridges, I Dennis A. Vodicka have designed for the Dept. of Roads in past 32years;

1. I-480 in downtown Omaha, 20<sup>th</sup> street to Missouri River Bridge
2. South of Valentine, Hwy 20 over Niobrara River, Tallest and longest steel span Bridge in the state.
3. I-80 over 72<sup>nd</sup> street, east & west bound in Omaha.
4. I-80 over 60<sup>th</sup> street, east & west bound in Omaha.
5. Capehart Rd over US 75 in Bellevue
6. Capehart Rd over Fort Crook Rd in Bellevue.
7. Military Av. over I-680, Omaha
8. US 75 & I-480 over Burt St.
9. Hwy 61 near Merriman, over Niobrara River
10. I-80 over Platte River at Locust Street off-ramp at Grand Island
11. I-76 & I-80 Interchange near Big Spring
12. I-80 at Big Spring
13. Hwy 183 south of Elm Creek
14. Hwy 2, east of Syracuse, east & west bound
15. Hwy 281 by Doniphan
16. Hwy 15, 5 bridges north of Schucyler
17. Hwy 30, Columbus Post Tensioned Tied Arch Bridge

In addition, many more Structures too numerous to mention.

The State of Nebraska, Dept. of Roads Bridge Division, has accepted me, as a **Structural Bridge Designer (Engineer)**. This can be verified by the NDOR Bridge Engineer Mr. Mark Traynowicz, PE.