



Concrete for Life NEWS

Summer 2017

Hello again!



Bill Cook, P.E.
NCPA Executive Director

This has been a busy year.

We held the 38th Concrete Paving Workshop January 17-18 at the Cornhusker Marriott. Attendance was down some with only 370 registered. And the ice-storm did not help attendance. Later in the newsletter are pictures of the Paving Award Winners for 2016.

The annual golf outing was held June 27th at the Quarry Oaks Golf Club with 108 golfers attending.

Another old concrete pavement was found last summer in Washington County. More on that later in the newsletter.

We have some concrete paving research funded by the Nebraska Transportation Research Council. Dr. Jiong Hu of the PKI-UNL in Omaha is researching three items:

- Using Aggregate optimization design to achieve currently used PCC strengths while using less cement.
- Development of High Performance Rapid Patching Materials for Pavement Repair, with a goal of developing mixes with higher strength and better durability.
- Developing Ultra High performance Concrete for Bridge Applications in Nebraska.
- Dr. Hu is a great concrete guy. His parents worked in a cement plant in China when he was growing up. It is great to have another concrete advocate!

Moe Jamshidi from the Nebraska Department of Transportation furnished us a list of Large PCC Paving projects that is included in the newsletter.

And we have the Producer Price Index chart, some paving and HMA bid prices, and an IGGA article later in the letter.

Have a good summer and fall, and see you at the 39th Concrete Paving Workshop Tuesday and Wednesday, January 16 and 17, 2018 at the Cornhusker Marriott.

Bill

2016 NCPA Concrete Paving Awards Winners

Airports

Auburn Paving & Lighting Runway 16-34
Hawkins

Concrete Paving Rehabilitation

I-80 Lexington to Darr CPR
Ten Point

Municipal Streets

Genoa: Hwy 22 & 39
Paulsen

Urban Streets

Grand Island Capital Avenue
Paulsen

Interstate Highways & Expressways

Diamond Interchange & I-80 in Lincoln
Hawkins Construction

Parking, Recreational Trails & Misc. Paving

Nebr. City Steinhart Park Trail
TAB Construction

PCC Overlays

Nebr. City PCC Overlay on 11th Street
ME Collins

Local Projects of less than 30,000 Square Yds.

Giles Road From 156th St to 144th Street
Vrana

County Roads

Hickory Road in Gage County
Paulsen

*More About This Year's Nominees
and Winners Inside →*



Our Mission:

- TO assure that the quality of concrete pavement produced by the concrete paving industry members in Nebraska meets the highest standards.
- TO increase the market share of concrete pavement in highway and airport work within Nebraska
- TO serve the concrete paving industry members' needs through effective leadership and representation with client agencies
- TO help the engineering community produce better and less costly designs for their clients
- TO recognize high quality design and construction through annual awards

William Cook, P.E. Executive Director

**5700 Seward Ave., Suite B
Lincoln, NE 68507**

Phone: 402-467-2662

Fax: 402-467-2775

Cell: 402-499-7105

Email: bcook@nebrconc.org

38th Annual Concrete Paving Workshop

Award Nominees

- Holdrege 11th Ave. Paving
- Holdrege Downtown Sidewalk and Lighting
- Norfolk 37th St to Norfolk Avenue Roundabout
- Auburn Paving & Lighting Runway 16-34
- I-80 Big Springs to Brule
- I-80 Lexington to Darr CPR
- Lexington Hwy 21 and North Adams Street
- Ogallala RUR - 6850(1)
- Hwy 22 & 39 in Genoa
- Burwell "L" Street Paving Improvements
- Kearney Bridge Trail
- Grand Island Capital Ave.
- Thrasher Pavement Raising on Locust St. in Grand Island
- DDI (Diverging Diamond Interchange) in Lincoln
- Ashland Ne. Hwy 66 Furnas to Silver Street
- York Division Street
- Nebraska City Steinhart Park Trail
- Nebraska City PCC Overlay on 11th Street
- Sarpy County Giles Road from 156th to 144th Street
- Capehart Road frm 81st Street to 60th Street
- Scribner Airport
- Gage Co./Beatrice Hickory Road

2016 NCPA Concrete Paving Awards



L to R: Vic Johns; Marty Stovall; Chris Hein; Chris Wilsey; Doug Holle

Steinhart Part Trail Phase 2 - Nebraska City

<i>Owner Plaque:</i>	<i>Citizens of Nebraska City</i>	
<i>Owner Certificates:</i>	<i>Mayor Brian Bequette Vic Johns Gloria Glover Jim Stark Jeff Crunk Grayson Path Marty Stovall Dan Giittinger</i>	<i>Nebraska City Street Commissioner Finance Commissioner Public Works Commissioner Parks Commissioner City Administrator Constr/Facility Manager Public Properties Director</i>
<i>Contractor Plaque:</i>	<i>TAB Construction Company</i>	
<i>Contractor Certificates-of-Merit</i>	<i>Chris Hein Chris Wilsey Mike Hetherington</i>	<i>TAB Construction TAB Construction TAB Construction</i>
<i>Eng. Rep. Plaque:</i>	<i>Jon Goldie</i>	<i>Schemmer</i>
<i>Eng. Rep. Certificates-of-Merit:</i>	<i>Heath Cutler Chuck Keppard</i>	<i>Schemmer Schemmer</i>
<i>Designer Plaque:</i>	<i>Doug Holle</i>	<i>Schemmer</i>
<i>Designer Certificates-of-Merit:</i>	<i>Megan Starner</i>	<i>Schemmer</i>

2016 NCPA Concrete Paving Awards

Local Projects Less Than 30,000 Square Yards



Front row, L to R: Dan Sitorius; Mike Kosa; Bill O'Dell. Middle row, L to R: Gregg Nisotis; Matt McFadden; Josh Polik. Back row, L to R: Juan Rivera; Doug Shearer; Dan Barth.

Giles Road - 156th to 144th Street in Sarpy County

Owner Plaque:	Sarpy County Public Works		
Owner Certificates:	Dennis L. Wilson Don Kelly Brian Becker	Sarpy County Engineer Sarpy County Board Chairman Sarpy County Project Manager	
Contractor Plaque:	Charles Vrana & Sons Construction Co.		
Contractor Certificates-of-Merit	Bill O'Dell Don Sell Juan Rivera Jimmie Deloskie	Darrell Lasher Doug Shearer John Gjersvik	Charles Vrana & Sons Constr. Charles Vrana & Sons Constr. Charles Vrana & Sons Constr. Charles Vrana & Sons Constr.
Eng. Rep. Plaque:	Daniel Sitorius	Kirkham Michael	
Eng. Rep. Certificates-of-Merit:	Brooke Peckham James Cantrell	Kirkham Michael Kirkham Michael	
Designer Plaque:	Felsburg Holt & Ullevig		
Designer Certificates-of-Merit:	Matt McFadden Joshua Polik Dan Barth	Felsburg Holt & Ullevig Felsburg Holt & Ullevig Felsburg Holt & Ullevig	

2016 NCPA Concrete Paving Awards



Front row, L to R: Mark Mainelli; Justin Morrow; Gary Wendt .
Back row, L to R: Adam Mace; Dave Neill; Steve Bass.

Beatrice Northwest Phase 1 and Phase 2

Owner Plaque:	Gage County		
Owner Certificates:	Myron Dorn Matt Bauman John Hill Gary Lytle Galen Engel	Terry Jurgens John Hill Erich Tiemann Dennis Byars	Gage County Board Supervisors Gage County Board Supervisors Gage County Board Supervisors Gage County Board Supervisors Gage County Highway Superintendent
Contractor Plaque:	Paulsen, Inc.		
Contractor Certificates-of-Merit:	Justin Morrow Don Darling Dave Neill	Steve Buss Gary Wendt	Paulsen, Inc. Paulsen, Inc. Paulsen, Inc.
Eng. Rep. Plaque:	Adam Mace	Mainelli Wagner & Associates	
Eng. Rep. Certificates-of-Merit:	Christian Jensen Drew Whitman	Fred Matulka Jacob Thiele	Mainelli Wagner & Associates Mainelli Wagner & Associates
Designer Plaque:	Mainelli Wagner & Associates		

2016 NCPA Concrete Paving Awards



L to R: Jeff Sockel; Vic John; Marty Stovall; Dave Smith; Joe Robichaud; Pat Kastl

11th Avenue Improvements, 14th Corso to Grundman Blvd., Nebraska City

Owner Plaque:	<i>Citizens of Nebraska City</i>		
Owner Certificates:	<i>Mayor Brian Bequette Vic Johns Gloria Glover Jim Stark Jeff Crunk Grayson Path Marty Stovall</i>	<i>Nebraska City Street Commissioner Finance Commissioner Public Works Commissioner Parks Commissioner City Administrator Const/Facility Manager</i>	
Contractor Plaque:	<i>ME Collins Contracting Company, Inc.</i>		
Contractor Certificates-of-Merit:	<i>Joe Robichaud Jose Contreras Ben Ochoa Samual Torres Colton Spangler Walter Davenport Randy Else</i>	<i>Joel Alvaro Rafael Contraras Ian Poulsen Troy Duckworth Matt McGill Craig Butler</i>	<i>ME Collins Contracting Company ME Collins Contracting Company ME Collins Contracting Company ME Collins Contracting Company ME Collins Contracting Company ME Collins Contracting Company ME Collins Contracting Company</i>
Eng. Rep. Plaque:	<i>Dave Smith</i>	<i>Alfred Benesch & Co.</i>	
Designer Plaque:	<i>Jeff Sockel</i>	<i>Alfred Benesch & Co.</i>	

2016 NCPA Concrete Paving Awards



Front row, L to R: Tim Wetovick; Dennis Sandrock; Eric Klein Middle row, L to R: Zack Loomis; Justin Morrow; Tim Golka. Back row, L to R: Jeff Palik; Steve Bass; Terry Brown.

Grand Island Capital Avenue Improvements

Owner Plaque:	Terry Brown	Asst. Public Works Dir.-Grand I.
Owner Certificates:	Tim Golka	Asst. Project Mgr. - Grand Island
Contractor Plaque:	Paulsen, Inc.	
Contractor Certificates-of-Merit:	Justin Morrow Dennis Sandrock	Steve Buss Paulsen, Inc. Paulsen, Inc.
Eng. Rep. Plaque:	Steve Hancock	Olsson Associates
Eng. Rep. Certificates-of-Merit:	Jeff Palik Tim Wetovick	Olsson Associates Olsson Associates
Designer Plaque:	Olsson Associates	
Designer Certificates-of-Merit:	Zach Loomis Matt Rief	Olsson Associates Olsson Associates

2016 NCPA Concrete Paving Awards



Front row, L to R: Marek Kubesa; Kendall Nieman; Ron Mockelman; Tony Valla . Back row, L to R: Kurt Peyton; Todd Allen; Tyler Fehring; Tom Trumble; Lance Murry.

Pave & Light Runway 16/34 Taxiway and Turnaround; Farington Field - Auburn, NE

Owner Plaque:	Auburn Airport Authority		
Owner Certificates:	Jay Hausermann Kendall Nieman Anna Lannin		Chair, Auburn Airport Authority Secretary, Auburn Airport Auth. NE Department of Aeronautics
Contractor Plaque:	Hawkins Construction Company		
Contractor Certificates-of-Merit:	Tyler Fehring Todd Allen Mike Lineberry Kurt Peyton	Tony Valla Larry Payne Ron Mockelman	Hawkins Construction Company Hawkins Construction Company Hawkins Construction Company Hawkins Construction Company
Eng. Rep. Plaque:	Marek Kubesa		Olsson Associates
Eng. Rep. Certificates-of-Merit	Travis Anderson Jim Meinke		Olsson Associates Terracon Omaha
Designer Plaque:	Olsson Associates		
Designer Certificates-of-Merit:	Tom Trumble Marek Kubesa Lance Murry		Olsson Associates Olsson Associates Olsson Associates

2016 NCPA Concrete Paving Awards



L to R: Don Barry; Rick Kwiatkowski; Dennis Sandrock; Gary Wendt; Nick Hollatz.

Genoa, S-22-5(1012)

<i>Project Manager Plaque:</i>	<i>Rick Kwiatkowski</i>	<i>NDOR District 4</i>
<i>Owner Certificates of-Merit:</i>	<i>Lynette Kowalski</i>	<i>NDOR District 4</i>
	<i>Rodney Wilson</i>	<i>NDOR District 4</i>
	<i>Gerri Swanson</i>	<i>City of Genoa</i>
	<i>Andy Ditter</i>	<i>City of Genoa</i>
	<i>Bill Swanson</i>	<i>City of Genoa</i>
<i>Contractor Plaque:</i>	<i>Paulsen, Inc.</i>	
<i>Contractor Certificates-of-Merit:</i>	<i>Ken Osborne</i>	<i>Paulsen, Inc.</i>
	<i>Don Darling</i>	<i>Paulsen, Inc.</i>
	<i>Nick Hollatz</i>	<i>Paulsen, Inc.</i>
	<i>Joe Brockhaus</i>	
	<i>Dennis Sandrock</i>	
	<i>Gary Wendt</i>	
<i>Designer Plaque:</i>	<i>Bill Eberspacher</i>	<i>NDOR Roadway Design Div.</i>
<i>Designer Certificates-of-Merit</i>	<i>Don Turek</i>	<i>NDOR Roadway Design (retired)</i>
	<i>Don Barry</i>	<i>NDOR Roadway Design Div.</i>
	<i>Tom Foss</i>	<i>NDOR Roadway Design Div.</i>
	<i>Carl Humphrey</i>	<i>NDOR Roadway Design Div.</i>

2016 NCPA Concrete Paving Awards

Concrete Pavement Rehabilitation



L to R: Matt Bouwens; Linda "Zip" Masek; Cameron Craig.

I-80, Darr - Lexington; RD-80-4(1036)

<i>Project Manager Plaque:</i>	<i>Roby Thomsen</i>	<i>NDOR District 6</i>
<i>Owner Certificates-of Merit:</i>	<i>Bruce Malsbury</i> <i>Jeff Bruns</i>	<i>NDOR District 6</i> <i>NDOR District 6</i>
<i>Contractor Plaque:</i>	<i>Ten Point Construction Co., Inc.</i>	
<i>Contractor Certificates-of-Merit:</i>	<i>KR Buck</i> <i>Jason Nielsen</i> <i>Todd Venteicher</i> <i>Javier Martinez</i> <i>Angel William Garcia</i>	<i>Casey Buck</i> <i>Mike Freund</i> <i>Alvaro Corona</i> <i>Ten Point Construction Co., Inc.</i> <i>Ten Point Construction Co., Inc.</i> <i>Ten Point Construction Co., Inc.</i> <i>Ten Point Construction Co., Inc.</i>
<i>Designer Plaque:</i>	<i>Pavement Design Section, NDOR Materials and Research Division</i>	
<i>Designer Certificates-of-Merit:</i>	<i>Linda (Zip) Masek</i> <i>Matt Bouwens</i> <i>Dennis Meinecke</i>	<i>Pavement Design Section, NDOR M&R Division</i> <i>Pavement Design Section, NDOR M&R Division</i> <i>Pavement Design Section, NDOR M&R Division</i>

2016 NCPA Concrete Paving Awards



Front row, L to R: Curt Meuting; John Wunderlich; Brian Jelnik; Brett Croner. Middle row, L to R: Don Valla; Tom Crockett; Ron Mockelman. Back row, L to R: Joe Kuehn; Josh Eyster; Brian Johnson; Todd Allen.

NW 56th - US-77 S. Interchange, Lincoln; IM-NH-80-9(862)

<i>Project Manager Plaque:</i>	<i>Joe Kuehn</i>		<i>NDOR District 1</i>
<i>Owner Certificates-of-Merit:</i>	<i>Brett Croner</i>	<i>Seth Luse</i>	<i>NDOR District 1</i>
	<i>John Wunderlich</i>	<i>Jim Ebeling</i>	<i>NDOR District 1</i>
	<i>Jess Del Los Santos</i>		<i>NDOR District 1</i>
	<i>Curt Mueiting</i>		<i>NDOR District 1</i>
<i>Contractor Plaque:</i>	<i>Hawkins Construction Company</i>		
<i>Contractor Certificates-of-Merit:</i>	<i>Don Valla</i>	<i>Todd Allen</i>	<i>Hawkins Construction Company</i>
	<i>Josh Eyster</i>	<i>Larry Payne</i>	<i>Hawkins Construction Company</i>
	<i>Mike Lineberry</i>	<i>Ron Mockelman</i>	<i>Hawkins Construction Company</i>
	<i>German Dominguez</i>		<i>Hawkins Construction Company</i>
	<i>Tom Crockett</i>		<i>Hawkins Construction Company</i>
<i>Designer Plaque:</i>	<i>Brian Johnson</i>		<i>NDOR Roadway Design Division</i>
<i>Designer Certificates-of-Merit:</i>	<i>Dean Schmidt</i>		<i>NDOR Roadway Design Division</i>
	<i>Brian Jelinek</i>		<i>NDOR Roadway Design Division</i>



39th Annual NCPA Concrete Paving Workshop

**Tuesday and Wednesday
January 16-17 2018**

Cornhusker Marriott

**Local government officials,
FHWA staff and NDOT staff
pay no registration fee
and may also be eligible to
receive some travel expenses
paid through Workforce
Development funds!**



**Questions? Email Bill at
bcook@nebrconc.org**

Cost-Effective Concrete Roads Come to South Australia



Artist's Rendering of the Northern Corridor, Looking North

It's widely known in the U.S. that concrete roads can last 20 to 30 years without major repair, making concrete a cost-effective choice for road construction over the long term.

This fact gained visibility in Australia in the recent article "\$985 million Northern Connector to be South Australia's first major concrete road, creating more jobs," published in the South Australian newspaper, The Advertiser.

As the state's first major road built from concrete, the 13 km stretch of highway represents an estimated maintenance cost savings of \$23.1 million over the first 30 years (after the road is completed by 2020). This is approximately half of the projected ongoing maintenance costs for an asphalt road.

The article also notes that concrete pavements provide savings for the running costs of heavy vehicles, such as fuel. A diamond ground surface on the finished roadway will improve safety, rideability and durability, as well as provide a quieter ride.

"The initial capital cost is marginally higher than an asphalt road but the benefits in terms of increased local participation and ongoing savings are well worth it," stated federal Infrastructure Minister Paul Fletcher.

Fletcher also expects that the construction will support 40 extra jobs and inject another \$11 million into local industry.

Read the entire article:
<http://bit.ly/ConcreteinSouthAustralia>

KENTUCKY SAVES OVER \$1 BILLION USING PMS

Pavement Management Systems (PMS) emphasize concrete pavement preservation (CPP) techniques to stave off the need for extensive - and expensive - reconstruction.



The state of Kentucky allotted \$5 million to cover preventative maintenance for its entire roadway system in 2015, with an additional \$5 million available in 2016.

When assessing its road network for needed repairs, Kentucky uses inertial profilometers annually to measure roughness on the interstate system.



CPP IN KENTUCKY

- Partial depth rehabilitation
- Slab replacement
- Diamond grinding
- Joint resealing

DIAMOND GRINDING

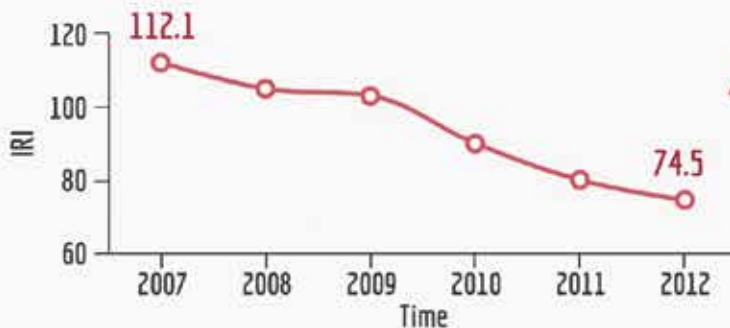
536 interstate lane miles diamond ground from 2007-2012, at an average cost of \$2.75/sq yd

COST

Including traffic control, patching and joint resealing - \$101 million or \$188,000 per lane mile

SAVINGS

CPP saved state more than \$1 billion in reconstruction costs



IRI MEASUREMENTS

IRI measurements improved from an average of 112.1 in/mile to an average of 74.5 in/mile - the longest sustained improvement in the state's IRI and their lowest recorded average IRI ever

The expected pavement life extension for ground pavement is 10 to 15 years.

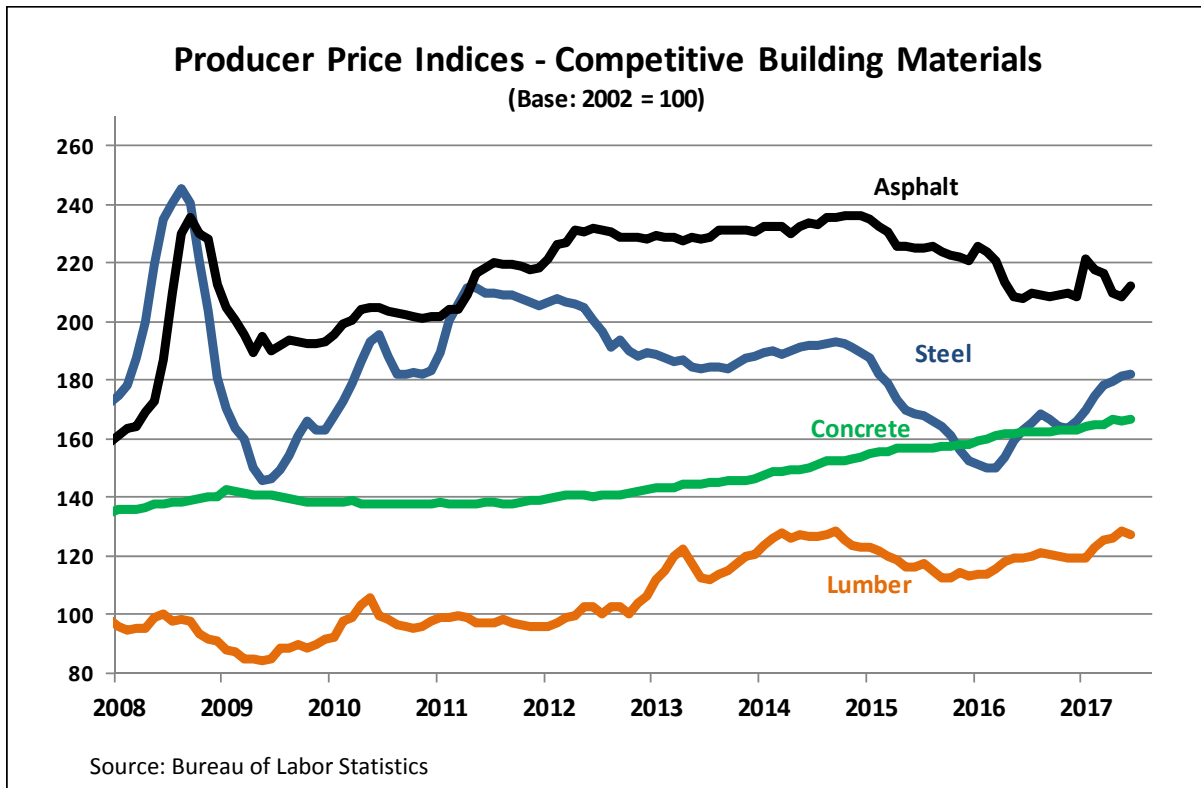
Read "Quite a Stretch of Road" in the July 2015 issue of Roads & Bridges Magazine or online at <http://www.roadbridges.com/quite-stretch-road>

Highlights include pavement evaluations, equipment, software, contracting and scheduling techniques

MARKET INTELLIGENCE

Ed Sullivan > Chief Economist and Group VP > esullivan@cement.org > (847) 972-9006
 Joe Chiappe > Sr. Market Intelligence Analyst > jchiappe@cement.org > (847) 972-9310
 Trevor Storck > Market Intelligence Analyst > tstorck@cement.org > (847) 972-9044

Competitive Materials Report Update: July 2017



	Annual			Monthly					
	2014	2015	2016	Jan-17	Feb-17	Mar-17(p)	Apr-17(p)	May-17(p)	Jun-17(p)
Steel Mill Products	190.9	169.0	160.1	169.9	174.7	178.1	179.4	181.3	181.7
% Change Year Ago	2.7%	-11.5%	-5.3%	12.3%	16.3%	18.8%	16.8%	13.8%	11.6%
% Change Month Ago				2.4%	2.8%	2.0%	0.7%	1.1%	0.2%
Lumber	126.0	116.8	118.3	119.1	123.2	125.5	126.2	128.7	127.1
% Change Year Ago	8.1%	-7.3%	1.2%	4.6%	8.4%	8.7%	6.7%	8.0%	6.5%
% Change Month Ago				0.0%	3.4%	1.9%	0.6%	2.0%	-1.2%
Concrete Products	150.8	156.8	161.8	164.3	164.6	165.0	166.9	166.2	166.6
% Change Year Ago	4.2%	4.0%	3.2%	3.2%	3.1%	2.6%	3.3%	2.7%	2.8%
% Change Month Ago				0.6%	0.2%	0.2%	1.2%	-0.4%	0.2%
Asphalt	233.8	226.2	212.9	221.3	218.0	216.7	209.4	208.2	212.3
% Change Year Ago	1.8%	-3.3%	-5.9%	-2.0%	-2.7%	-1.9%	-1.9%	-0.1%	2.1%
% Change Month Ago				6.2%	-1.5%	-0.6%	-3.4%	-0.6%	2.0%

(p) = Preliminary data
 Base Year: 2002 = 100



While driving around late last year I found another old concrete pavement. Just west of Kennard, near US 30, is an old section of original US 30 paving from the 1938 to 1939 era.

This old pavement was replaced with new PCC in about 1976. While a bit difficult to interpret because of changes in mile posts, the Nebraska Department of Transportation records, courtesy of Brandon Varilek in Materials and Research, indicate this old pavement was eight-inches thick and 22-foot wide. While it only serves as a local access road now, at one time it carried US 30 traffic. This old pavement may have been an old 9-7-9 edge thickened slab. I cannot really tell for sure.

By the way, the 1976 pavement that replaced this road on new alignment is still in service.

So, the original US 30 paving lasts 79 years, is still in service at a reduced service level, and the replacement is about 41 years old, and still in service. How is that for long-lasting paving!



Update

Large PCC Projects in the Three-Year Plan

Control No.	Project Number	Location	Approx. SY PCC
22132A	NH-80-9(31)	24th St. – 13th St, Omaha	65,000
209	S-75-2(1072)	Murray – Plattsmouth	400,000
51518	NH-80-1(186)	Wyoming Line - Bushnell	485,000
71059	S-6-3(1026)	US-6/34 & US-183 E & W, Holdrege	25,000
41086	S-6-4(1022)	Hastings Southeast	130,000
21558	S-30-6(1045)	Rogers -- North Bend	455,000
20626	S-30-6(1044)	North Bend -- Fremont	545,000
51443	S-385-3(1021)	L-62A North	365,000
32155	NH-75-4(112)	In Winnebago	21,000
61566	NH-80-2(100)	Big Springs West	400,000
32302		Scribner to West Point DB	500,000
Three-Year Total:			3,391,000
Three-Year Average:			1,130,333

Bid Prices for PCC Pavement for Recent NDOR Lettings

Project Number	Pavement Type & Thickness	Quantity (sy)	Bid Price per SY	Mobilization	Call Order
Letting Date: January 26, 2017					
SRR-13(39)	8" PCC	4,447	\$ 43.60	\$ 61,108	130
	8" PCC HE 3500	653	\$ 64.01		
NH-136-6(122)	9" PCC	3,014	\$ 53.22	\$ 58,730	135
	9" Doweled	4,723	\$ 56.66		
S-L55W(1022)	10" PCC	3,547	\$ 43.60	\$ 387,000	145
	10" Doweled	45,410	\$ 53.35		
	10" doweled HE 3500	1,175	\$ 69.90		
NH-80-9(74)	9" PCC	3,991	\$ 40.23	\$ 230,345	150
	9" Doweled	15,443	\$ 43.69		
	11" PCC	356	\$ 51.86		
	11" Doweled	1,125	\$ 56.18		
	14" PCC	3,646	\$ 55.48		
	14" Doweled	7,308	\$ 64.05		
LCLC-5215(3)	9" Doweled	2,240	\$ 52.00	\$ 23,000	155
LCLC-5231(16)	8" PCC	338	\$ 50.00	\$ 91,447	160
	9" PCC	1,089	\$ 52.00		
	10" PCC	4,880	\$ 53.00		
LCLC-5254(10)	10" PCC	7,167	\$ 52.00	\$ 91,282	165
Letting Date: March 2, 2017					
LCLC-5202(9)	9" PCC	1,639	\$ 47.55	\$ 13,500	105
	9" HE	1,660	\$ 51.05		
STP-92-7(107)	10 "PCC	888	\$ 66.46	\$ 19,523	200
Letting Date: March 16, 2017					
HSIP-5205(1)	9" PCC	6,123	\$ 44.00		150
MAPA -5005(1)	9" PCC	794	\$ 46.89		250
	9" Doweled	12,449	\$ 46.69		
Letting Date: April 13, 2017					
NH-85-2(111)	10" PCC	494	\$ 63.95	\$ 51,897	205
	10" Doweled	3,131	\$ 62.33		
NH-HSIP-281-2(127)	9" PCC Base Course	4,327	\$ 60.00	\$ 420,000	400
	9" PCC	15,394	\$ 35.00		
	9" Doweled	66,319	\$ 37.50		
	10" PCC	13,464	\$ 39.00		
	10" Doweled	47,893	\$ 41.50		
	Smoothness Testing	30,000			

Bid Prices for Asphalt Cement and Asphalt Mixes for Recent NDOR Lettings

Project Number	Letting date:		January 26, 2017			
	Avg. Mix Price for Project	Mix Types	Total Mix tons for Project	Price for AC	Grade of AC	Call Order
M-75-2(1073)	\$ 73.39	SLX	9,700	\$ 411.16	PG58V-34	210
STP-64-7(121)	\$ 76.08	SPS, LC, SPR	10,320	\$ 481.40 \$ 424.90	PG58V-34 PG58S-34	215
STP-12-6(117)	\$ 55.31	SPR, SRM	64,790	\$ 422.05	PG58H-34	310
NH-20-1(140)	\$ 54.80	SPS, SPR	46,295	\$ 493.00 \$ 414.00	PG58V-34 PG58S-34	505
SRR-1185(1)	\$ 73.21	SPR	2,600	\$ 404.00	PG58-34	510
STP-84-5(109)	\$ 50.50	SPR, SPM	51,220	\$ 422.05	PG58H-34	315

		Letting Date:	February 9, 2017			
STP-14-1(119)	\$ 38.63	SPS, SPR, SPM	69,720	\$ 505.00 \$ 445.00	PG58V-34 PG56S-34	400
RD-30-1(1020)	\$ 80.89	SPS, LC, SPR	10,520	\$ 520.00	PG58V-34	500
NOTE: Mobilization was about \$8.08/ton, which is high				\$ 520.00	PG58S-34	

		Letting Date:	March 2, 2017			
LCLC - 5202(9)	\$ 84.77	SLX, SPH	4,220	\$ 575.00	PG58V-34	105
RD-112-1(1005)	\$ 63.82	SPR	17,460	\$ 597.24	PG58H-34	110
STP-91-3(110)	\$ 43.32	AOE	29,990	\$ 454.27	PG58H-34	600

		Letting Date:	April 13, 2017			
NH-HSIP-281-2(127)	\$ 54.68	SPS, LC, SPR	42,796	\$ 450.00 \$ 420.00	PG58V-34 PG58S-34	400
NH-281-4(122)	\$ 61.65	SPS, SPR, BIT. FND COURSE	32,994	\$ 480.00 \$ 430.00	PG 58V-34 PG 58S-34	800

NOTE: " Avg. Mix Price for Project" includes: mix, AC, Tack, RAP incentive, Smoothness, and hydrated lime/warm mix additive. Also Mobilization if included in Group 9, Bituminous

Open House Showcases PCC Overlay using Propex's Reflectex Bond Breaker

We held an open house June 29th at the Blair City Library and Technology Center for the Unbonded PCC Overlay of Washington County Road #4. The project begins at the Dodge County line, and extends about seven miles east.

The old early 1990's pavement suffered from severe Alkali Silica Reactivity (ASR), with many of the joints not much more than gravel.

The nominal six-inch, unbonded overlay being placed by A & R Construction innovates with the first use of PropexUS's Reflectex in Nebraska as a bond breaker. The Reflectex stops reflective cracking, and helps wick water from under the pavement to the shoulder area.

We had about 35 people attend. Here are some pictures.



Shane Swope from The Schemmer Associates, project designer and construction manager, reviewed the condition of the old pavement, and discussed the general design and special concerns.



Mark Marienfeld from Propex described what Reflectex is, how it is made, and how it works.

After lunch (Courtesy of Gerhold Concrete and Lyman-Richey Corporation) we visited the project site.



Jason Aschoff, Project Manager for A & R Construction held his crew around to show how easy the fabric is to place. Jason and his crew modified a farm implement to carry and unroll the fabric. Hand sprayers were used to apply the glue.

The fabric installs very quickly, and is glued down to the old pavement. Batch trucks drive on it to deliver the concrete to the paver. The fabric is placed wider than the pavement to allow it to wick water from under the pavement to the shoulder.

Tyler Jensen, from Ash Grove Cement, used a drone to gather pictures also. We will see them at the workshop in January, 2018.

A Big Thank You to all who helped with the open house. **Al Shoemaker**, Blair City Engineer, helped connect us with the library staff to set up the meeting site, and find the caterer for lunch. **Mark Deetz** from Lyman-Richey supplied the sodas and water. **Pete Sobetski** from BASF helped transport people to the project site. And **Doug Carroll** and **Chuck Pearson** for helping set this up. And thanks to the staff from Propex that photographed the meeting and field trip.

And finally, a special thanks to **Jason Aschoff** from A & R Construction for holding the crew around and for allowing us to visit the project.



THANK YOU TO OUR MEMBERS!

To find out more about joining the Nebraska Concrete Paving Association, **visit [www. nebrconc.org](http://www.nebrconc.org)**

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