



P.O. Box 170518 | Birmingham, Alabama 35217 | 205.335.0579

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## H I S T O R Y

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A.G. PELTZ GROUP, LLC IS THE LEADER IN PROVIDING ROLLER COMPACTED CONCRETE PAVING SYSTEMS, with over five million yards of RCC placed throughout the United States since 1999. The managing partners have over thirty combined years experience in the successful placement of RCC, Cement Treated Base (CTB), Soil-Cement, and Pervious Pavement. A.G. Peltz has been the catalyst in the progression of Roller Compacted Concrete from a niche product for industrial projects to a viable alternative for numerous paving applications.



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## C O N S U L T I N G   D I V I S I O N

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As a result of the growing market demand for quality RCC paving, A.G. Peltz System Solutions, LLC was founded in 2007. Our mission is simple,

*“A.G. Peltz System Solutions, LLC strives to expand the opportunities for RCC Paving by using our time learned expertise in delivering the highest quality RCC Systems throughout the world.”*

An important part of this mission is providing RCC System Solutions to facility managers, owners, engineers, developers and contractors.

**In conjunction with our strategic partners, we provide services in the following areas:**

- Condition Surveys
- Material Selection & Mix Design
- Constructability & Pavement Planning
- Specifications & Testing
- Equipment Selection
- Troubleshooting
- Remediation

A.G. Peltz System Solutions has the unique ability to assist your company from start to finish, from preparing submittals to curing in-place concrete. Ultimately, your company will save both time and money as your project stays on point and on schedule and your construction risk is reduced.

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# PROJECT PORTFOLIO

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## SELECTED ACHIEVEMENTS

*Please see [www.agpeltz.com](http://www.agpeltz.com) for more in-depth details.*

### MANUFACTURING | INDUSTRIAL FACILITIES



**ThyssenKrupp Steel Facility, Mobile, AL (2011)**

128K and 135K SY of 12” and 8” RCC Pavement was selected in lieu of asphalt pavement for the interior roadways

**< Honda Plant in Lincoln, AL (2000-2004, 2007)**

Largest RCC project in the United States history  
Over 1M yards of 5” and 7” RCC Pavement and 4” CTB Pavement

**Hyundai Plant, Montgomery, AL (2004-2006)**

Placement of over 300K SY of 8” & 9” RCC

**Mercedes Plant in Tuscaloosa, AL (2002)**

Over 80,000 SY of 7” RCC Paving

### CONTAINER TERMINALS / INTERMODAL FACILITIES

**Norfolk Southern Intermodal Facility, Titusville, FL (2008)**

36K SY of 16” RCC, 12” and 8” RCC were utilized in conversion of automobile storage to a container handling facility

**KCS Kendleton Intermodal Facility, Toluca, Mexico (2010)**

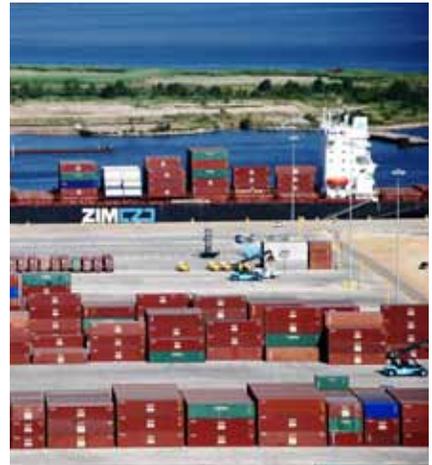
120K SY of 17” RCC Pavement

**Choctaw Point Terminal, Mobile, AL (2008) >**

Recently contracted by APM (A Division of Maersk) to complete over 290K SY of 8” paving and 110K SY of 15” paving at new container terminal

**BN Intermodal Facility, Denver, CO (Peltz Brothers, 1986)**

Largest RCC project (60,000 CY) at that time in the United States  
First large scale dual lift RCC placement – 20” thick



### DISTRIBUTION

**New South Express Distribution Center, Talladega, AL (2000, 2002, 2005)**

Over 155K SY of 4” aggregate base course & 7” patented “SPALLESS” RCC

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# P R O J E C T P O R T F O L I O

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## SELECTED ACHIEVEMENTS

*Please see [www.agpeltz.com](http://www.agpeltz.com) for more in-depth details.*

### DOT APPLICATIONS



#### < I-285 GDOT, Atlanta, GA (2005-06)

First use of RCC in an Interstate Roadway application in the United States  
2006 National Partnership for Highway Quality Silver Award and  
SCAN Innovation Award

Over 35 lane miles of shoulder replacement with 6" & 8" RCC

#### SR 6 GDOT, Atlanta, GA (2006)

2007 SCAN Quality Award for concrete pavement construction

Over 14 lane miles of shoulder replacement with 6.5" RCC (16,500 CY)

14" median replacement – first use of RCC in a travel route in the United States

### OTHER APPLICATIONS

#### √ Rattlesnake Hollow, Gorgas, AL (2007)

Dam Crest Raise with minimum use of formwork

12,750 CY of RCC produced and placed in stacked 9" lifts

#### Big Horn Avenue, Alliance, NE (1992 – Peltz Companies)

Building a conventional city street with RCC as an alternate to concrete paving



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## C O M M O N   Q U E S T I O N S

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### *How does A.G. Peltz System Solutions charge for these services?*

Every project has different requirements, and therefore pricing is not determined until we have a complete understanding of the client's individual needs. Pricing options often comprise a percentage of the total project, a per diem basis, or a retainer basis.

### *What is the minimum hourly charge?*

We do not work with clients on an hourly basis. We believe the best option for our clients to use our expertise is on the front-end of the project, in order to avoid the common pitfalls that typically accompany RCC Paving. However, we do understand that there are exceptional circumstances where response time is critical. In these cases, the minimum charge for an A.G. Peltz representative to assist a client in the field is \$5,000 per day plus travel expenses.

### *What assurance do we have that A.G. Peltz System Solutions personnel can provide assistance in a timely manner?*

By involving us on the front-end of the project, most of the common and costly mistakes involved in the design and installation of this system can be avoided, such as poor site selection, inadequate mix design, or insufficient equipment. However, in conjunction with our affiliates, we will make every effort to respond to customer inquiries expeditiously. The managing partners of A.G. Peltz Group, LLC as well as our strategic partners are the most accomplished and renowned Roller Compacted Concrete experts in the United States, as well as overseas, having spent over three decades developing and improving the RCC design and construction process.

### *Does A.G. Peltz System Solutions offer RCC System specific training?*

Yes. We will offer training seminars which are tailored to your company needs. Topics range from the basics of understanding the merits of this generic paving system, including design, materials, and installation methods, to specific constructability issues, including equipment selection, site examples and the understanding of joint treatment. Everyone in your organization can benefit from our expertise as our programs can be targeted from a business owner to an estimator, from a paver operator to a laborer. The cost of a training seminar is based on the number of attendees and specific needs as they relate to the resource requirements required from our staff. This cost includes the time required to prepare for the training and the production of any specific documentation to assist with the program, in addition to any travel and necessary disbursements. A typical one day seminar would cost in the realm of \$25,000.

### *What if there are no market opportunities for RCC in my geographic area?*

Simply put, there are! Through our promotional and field efforts with facility managers, design engineers and owners, we have generated numerous project opportunities for RCC. We continually look for opportunities to find strategic partners who share our vision for delivering innovative and quality paving systems.

### *How do I determine if my project is a viable RCC candidate or if A.G. Peltz System Solutions can assist our company?*

Contact us via our website [www.agpeltz.com](http://www.agpeltz.com) and a company representative will respond in a timely manner. For more immediate needs, please contact Chris Carwie @ 205.335.0579 or [ccarwie@bellsouth.net](mailto:ccarwie@bellsouth.net). Remember, the time required to ask the question(s) is minimal. What is the cost of a missed opportunity?

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## B I O S

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### **WILL GRAY, MANAGING PARTNER**

*wtgray@mindspring.com*

#### ***RCC Background***

Will Gray is one of the true innovators of RCC construction in the United States. As a founding member of the company in 1999, Will has been intimately involved in every aspect of RCC, including product promotion, design, estimating, bidding, and construction. He has played an instrumental role in paving over 4M square yards of RCC on some of the biggest and most recognized projects in the United States, including the Honda Facility, I-285 & SR-6 for GDOT, and the Norfolk International Terminal in Virginia.

Will is an expert in his field and has traveled the Southeast as a speaker to various audiences per request of the Portland Cement Association, Southeast Cement Association, as well as various Department of Transportations. He has also visited numerous project sites to provide assistance and opinions on both the serviceability of RCC paving and the need for remediation.

#### ***Previous Experience***

Prior to co-founding A.G. Peltz in 1999, Will learned valuable materials experience at both Vulcan Materials Company (1997-1999), and Boral (1993-1997). At VMC, Will was thoroughly involved in all aspects of aggregate production and testing, including the design of concrete mixes. During this time, Will also received first hand knowledge of the importance of well graded aggregates in an RCC mixture. In fact, he was instrumental in designing the first RCC mix placed in the State of Alabama in 1999.

Prior to joining Vulcan, Will worked for Boral in the Admixtures Division. Will held multiple roles within Boral including Technical Sales Representative for both fly ash and chemical admixtures for concrete. This valuable materials background has served Will well as a leading mixture design expert on RCC Paving.

#### ***Education***

BS in Civil Engineering, Auburn University (1993)

MBA, University of Alabama Birmingham (1999)

#### ***Professional Affiliations***

American Society of Civil Engineers

Institute of Transportation Engineers

NRMCA Concrete Technologist

Strategic Planning Committee for the Georgia Concrete Paving Association

#### ***Personal***

Will and his wife, Ashley, have a daughter, Elizabeth Reid (9), and a son, Garrett (6). Will lives in Birmingham, AL and enjoys outdoor activities, including fishing and hunting.

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### DAN VIPPERMAN, PROJECT MANAGER

*dan.vipperman@yahoo.com*

#### *RCC Background*

Dan Vipperman joined A.G. Peltz Group, LLC in 2007 as a professional engineer and project manager. Dan was recruited to A.G. Peltz due to his construction and production experience with RCC on the Calvert City Metals and Alloys plant in Kentucky. As part of a value engineering effort, Dan helped design an RCC Paving System that resulted in cost savings to a client in excess of \$6 million.

Despite his brief time working with the company, Dan has already established himself as capable field manager working extensively on several key projects including ThyssenKrupp Plant, Choctaw Point, KCS Intermodal Facilities and Bayport Terminal Complex in Houston, TX.

#### *Previous Experience*

Dan brings a wealth of diversified experience with him to AG Peltz System Solutions. Prior to joining the company, Dan was vice-president of engineering operations for LAN Associates where he was a specialist in the civil and environmental engineering fields. He has assisted with Phase I and II remedial investigation studies, Pervious Pavement design, as well as the construction of wastewater treatment plants. During his last project, Dan oversaw a construction staff in excess of sixty people that were responsible for site grading, building demolition, installation of RCC, underground pressure piping and utilities, and railroad track rehabilitation.

Dan also acquired significant project management and construction experience on a variety of roles with Handex, Jacksonville, FL and IT Corporation from 1998-2004.

#### *Education*

B.S. Environmental Science, Virginia Polytechnic University (1997)

B.S. Civil Environmental Engineering, Virginia Polytechnic University, (2000)

Minor, Chemistry, Virginia Polytechnic University, (1997)

OSHA 40-Hour Health and Safety Training: (29 CFR 1910.120)

#### *Professional Affiliations*

Professional Engineering Registration, State of Florida, 2/01/06

CQC Training; 2001

Guest Speaker for the Portland Cement Association, 2005 RCC Seminar

#### *Personal*

Dan lives with his wife, Sandra and children, Page (7), Payton (6) and Aiden (2) in Daphne, Alabama. Dan enjoys outdoor activities (golf, camping, fishing) and playing music in his spare time.

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### **CHRIS CARWIE, BUSINESS DEVELOPMENT MANAGER**

*ccarwie@bellsouth.net*

#### ***RCC Background***

Chris Carwie joined A.G. Peltz Group, LLC as a consultant in 2005 and has been instrumental in the market growth of RCC. Chris has been intimately involved in the promotion of RCC for container terminals, manufacturing plants, and distribution centers throughout the Southeast.

Chris has participated as an RCC exhibitor at several national conferences including the IANA (Intermodal Association) and AAPA (American Association of Ports Authority) seminars and has been a presenter to Departments of Transportations, private developers, industry personnel, and Engineering firms in the Southeast.

#### ***Previous Experience***

Chris is the President of Carwie & Associates, LLC, a client focused market research, business development, and strategic planning firm, which specializes in assisting clients in the construction and material supply industries. Current and past C&A clients include Vulcan Materials Company, Chemical Lime Company, Kirkpatrick Concrete, The Erosion Company, SE Materials, Applied Polymerics Inc., and The Portland Cement Association.

Chris established Carwie & Associates in January of 2005 after eleven years experience in an array of fields in the construction and material supply industries. Chris has direct work experience with Fortune 500 stalwarts Ashland Oil and Vulcan Materials as well as Koch Industries, one of the largest privately held companies in the world.

At Vulcan Materials Chris learned the importance of aggregate selection and gradations for RCC firsthand as A.G. Peltz's material supplier on the Honda plant in Lincoln, AL. Chris also has experience with both asphalt and concrete mix designs and testing as well as experience with other cement based applications, including CTB and Soil Cement. Finally, Chris has significant experience with pavement maintenance products, including the installation of Fibrecrete, which is used in the application of "SPALLESS" RCC.

#### ***Education***

Business Management, Birmingham Southern College (1992)

Masters of Business Administration, Louisiana State University (1994)

#### ***Professional Affiliations***

National Stone Association

Portland Cement Association - Pavement Consultant

#### ***Personal***

Chris lives with his wife, Lea, and two children Caroline (8) and John (6), in Birmingham, AL. Chris enjoys attending sporting events as well as outdoor activities, including golf and tennis.