P.O. Box 170518 | Birmingham, Alabama 35217 | 205.849.1569
www.agpeltz.com

SERVICES

ROLLER COMPACTED CONCRETE

CEMENT TREATED BASE

SOIL CEMENT

PERVIOUS PAVEMENT

INDUSTRIAL
CONCRETE FLOOR SYSTEMS

CONSULTING

HISTORY

A.G. Peltz Group, LLC began business in 1999 with the purchase of Peltz Construction, as a specialty paving contractor focusing on the construction of roller compacted concrete (RCC) pavements, cement treated base courses, and soil cement base courses. Since our inception, we have completed over 6 million square yards of RCC pavement on some of the most recognized projects throughout the United States. Our list of clients includes the Kansas City Southern Railroad, Norfolk Southern Railroad, Virginia Port Authority, Houston Port Authority, APM-Maersk, Honda, Hyundai, Mercedes Benz, ThyssenKrupp Steel, Georgia Department of Transportation, South Carolina Department of Transportation, Alabama Department of Transportation, and the Army Corp of Engineers.

The ownership and core personnel of A.G. Peltz Group have over 50 years of combined experience in the placement of RCC pavements. We have been instrumental in writing and updating the Portland Cement Association (PCA) RCC Pavement Specifications and have been asked to sit on various national committees including ACI 327 Roller Compacted Concrete Pavements and the National Concrete Pavement Technology Center.

BIOS

WILLIAM GRAY, MANAGING PARTNER, CIVIL ENGINEER

wgray@agpeltz.com

Managing Partner is responsible for overseeing all operations and personnel for A.G. Peltz Group, LLC

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, feasibility, estimating, bidding, and construction. He has played an instrumental role in paving over 5M 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. In addition, Will has provided his insight as an "expert witness" on both the serviceability of RCC paving and the need for remediation.

CHRIS CARWIE, BUSINESS DEVELOPMENT MANAGER

ccarwie@bellsouth.net

Business Development Manager is responsible for all marketing and promotional activities, customer interaction, and new market development.

RCC Background

Chris joined A.G. Peltz Group, LLC in 2005 and has been instrumental in the growth of RCC from a niche market to a readily accepted pavement alternative. Chris has been involved in the promotion of RCC for container terminals, manufacturing plants, intermodal facilities, and distribution centers throughout the Southeast. Through prior experience with Vulcan Materials and Koch Industries, Chris has a background in materials and is routinely involved with material selection and mix optimization. Chris has responsibility to manage A.G. Peltz System Solutions, the consulting arm of A.G. Peltz. A.G. Peltz System Solutions specializes in assisting facility owners, engineers, developers, and contractors with the entire RCC process from assessing job feasibility to curing-in-place concrete.

BIOS

PROJECT MANAGERS

Project Managers are responsible for directing RCC production and placement, managing construction personnel as well as interaction with clients in the field.

DAN VIPPERMAN, PROJECT MANAGER & PROFESSIONAL ENGINEER

dan.vipperman@yahoo.com

RCC Background

Dan was recruited to A.G. Peltz in 2007 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. Since joining A.G. Peltz, Dan has been intimately involved with every aspect of RCC design, production, and construction. This includes significant experience with intermodal facilities including the KCS Railways in Kendleton, Texas; Victoria Salinas, Mexico; and Puerta D'Mexico, Mexico.

KENNETH IRWIN, PROJECT MANAGER

kirwin@agpeltz.com

RCC Background

Ken has been involved with RCC for over 6 years. As a project manager with EB Williams Inc., he was responsible for the $100 million NIT Backland Reconstruction. The project included over 1.5M yards of excavation; 30,000 cubic yards of select fill placement; 3,000 linear feet of storm drain; and over 340,000 square yards of 16.5" RCC pavement. Ken has experience with RCC placement, production, equipment, and scheduling. Ken recently completed over 24 miles of RCC roadways at ThyssenKrupp's new facility in Mobile, Alabama.

TOM BENACQUISTO, PROJECT MANAGER

tbenacquisto@agpeltz.com

RCC Background

AG Peltz picked up a wealth of knowledge and experience when Tommy Benacquisto joined the team in the summer of 2012. Peltz was introduced to Tom while he working as a paving subcontractor during the conventional concrete paving phase of the Norfolk Southern – Rossville, TN project. Tom brought over 30 years of field experience in the concrete industry to the Peltz team. He has already shown his value as the primary project manager on the Rossville, TN and McCalla, AL Norfolk Southern Rail Intermodal Facilities. These facilities, completed in the fall of 2012, represented over 130, 000 cubic yards of single (9") and dual lift (16") RCC pavement.

PROJECT PORTFOLIO: MANUFACTURING

PROJECT: ThyssenKrupp Steel Facility

OWNER: ThyssenKrupp Steel USA
Bruce Yepsen
251.289.3000

DESIGNER: HMR Engineers
Tom Granger
251.455.5141

GENERAL CONTRACTOR: RaCon, Inc.

COMPLETION DATE: May 2011

PROJECT DETAILS: 128,000 square yards of 12" RCC pavement and 135,000 square yards of 8" RCC pavement were selected in lieu of asphalt pavement for heavy and medium loading conditions for the interior roadways of the new steel manufacturing facility. The owners selected RCC for the expected serviceability, specifically RCC's ability to withstand heavy repeated loadings without incurring significant maintenance costs.

PROJECT: Georgia Biomass Wood Pellet Plant

OWNER: Georgia Biomass LLC
Jan Anders Borg

DESIGNER: Mark Smallridge, NNPI
972.489.3764

GENERAL CONTRACTOR: Graham Brothers, LLC

COMPLETION DATE: May 2011

PROJECT DETAILS: 44,950 square yards of 15" RCC and 32,150 square yards of 9" RCC for a new wood pelletizing plant. Georgia Biomass selected RCC in lieu of asphalt based on the extremely high loading and expected reduction in maintenance cost with utilizing RCC.

PROJECT PORTFOLIO: MANUFACTURING

PROJECT: Honda Automotive Facility
Lincoln, AL

OWNER: Honda Motor Manufacturing of AL

DESIGNER: BE&K Engineering
Jeff Smith

GENERAL CONTRACTOR: Harbert Construction

COMPLETION DATE: 2000-2004, 2007

PROJECT DETAILS: 1.5M square yards of 5" and 7" RCC Pavement for the majority of paving areas at the Honda facility in Lincoln, AL as well as 4" of CTB in most areas of the line two expansion. RCC was selected in lieu of asphalt paving with an estimated client cost savings of 30% on the overall site paving package. The Honda Facility is the largest paving application of RCC in the world.

PROJECT: Hyundai Automobile Plant
Montgomery, AL

OWNER: Hyundai Manufacturing

DESIGNER: Internal

GENERAL CONTRACTOR: Newell Roadbuilders, Inc.

COMPLETION DATE: 2004-2006

PROJECT DETAILS: Over 255,000 square yards of 8" and 9" pavement for a new automobile plant. RCC was selected for almost all of the container/storage areas and the interior roadways.

Please See www.agpeltz.com for Additional Projects

PROJECT PORTFOLIO: INTERMODAL RAILWAYS

PROJECT: Birmingham Regional
Intermodal Facility
McCalla, AL

OWNER: Norfolk Southern
Mike Thomas

DESIGNER: Norfolk Southern
Charlie McMillan

GENERAL CONTRACTOR: ES Wagner
Doug Spencer

COMPLETION DATE: October 2012

PROJECT DETAILS: AG Peltz mixed and placed over 60,000 cubic yards of 9" & 16" RCC from July-October of 2012. The RCC was placed in 25 foot lanes with both longitudinal and transverse control joints saw cut at 12.5-15 foot intervals. RCC was used for all of the container and trailer storage areas as well as the facility roadways. Abramson Concrete, sister company to AG Peltz Group, LLC, placed 18" of conventional reinforced concrete on the RTG runways.

AG Peltz also completed a similar facility for the NS in Rossville, TN in 2012.

PROJECT: Fairburn Intermodal Facility
Fairburn, GA

OWNER: CSX Transportation
Chris Durden

DESIGNER: CSX Intermodal

GENERAL CONTRACTOR: Transdevelopment
John McGregor

COMPLETION DATE: October 2011

PROJECT DETAILS: AG Peltz Group, LLC mixed and placed approximately 5,583 square yards of both 9" and 16" RCC at the existing CSX Fairburn Intermodal Facility. The CSX decided to add capacity at this yard and elected to utilize RCC in lieu of asphalt for two reasons: 1) the poor performance of the existing HMA at the facility and 2) the high expected loading on the new pavement area. RCC was used both for the RTG (Rubber Tire Gantry) lane and truck/trailer lanes at the facility.

PROJECT PORTFOLIO: INTERMODAL RAILWAYS

PROJECT: KCS Toluca
Intermodal Facility
Toluca, Mexico

OWNER: Kansas City Southern
Lee Peek
816.983.1303

DESIGNER: TranSystems

GENERAL CONTRACTOR: KCSM

COMPLETION DATE: July 2011

PROJECT DETAILS: A.G. Peltz Group provided the RCC paving for the reconstruction of the intermodal facility at Toluca, Mexico. The container yard now consists of approximately 120,000 square yards of 17" RCC pavement.

PROJECT: KCS Salinas Victoria
Intermodal Facility
Salinas, Mexico

OWNER: Kansas City Southern
Lee Peek
816.983.1303

DESIGNER: TranSystems

GENERAL CONTRACTOR: Itisa Grupo

COMPLETION DATE: February 2011

PROJECT DETAILS: A.G. Peltz Group provided the RCC paving for the reconstruction of the intermodal facility at Salinas Victoria, Mexico. The container yard consisted of 100,110 square yards of 17" RCC pavement and was constructed while the facility was in operation. A.G. Peltz Group worked with the owner to develop a paving plan that would allow the facility to continue operating with minimal disruptions to train and truck movements.

PROJECT PORTFOLIO: INTERMODAL RAILWAYS

PROJECT: Norfolk Southern
Intermodal Facility
Titusville, FL

OWNER: Norfolk Southern
Mike Thomas

DESIGNER: Norfolk Southern Engineering

GENERAL CONTRACTOR: Polivka International

COMPLETION DATE: September 2008

PROJECT DETAILS: 23,600 square yards of 16" RCC; 2,950 square yards of 12" RCC; and 9,200 square yards of 8" RCC were utilized in the conversion of an existing automobile intermodal center to a container handling facility. The new packer pad, maintenance pad, entrance and exit roadways utilized RCC as the paved surface.

PROJECT: Burlington Northern Intermodal Facility
Denver, CO

OWNER: Burlington Northern Santa Fe Railroad

DESIGNER: Centennial Engineering, Inc.

GENERAL CONTRACTOR: Judd Brothers Construction

COMPLETION DATE: 1986

PROJECT DETAILS: Project consisted of 60,000 cubic yards of up to 20" RCC. Peltz was responsible for all RCC as well as all structural and conventional concrete paving on the project. At the time, the project was the largest dual lift RCC construction project in North America.

Please See www.agpeltz.com for Additional Projects

PROJECT PORTFOLIO: INTERMODAL PORT FACILITIES

PROJECT: Norfolk
International Terminals
Norfolk, VA

OWNER: Virginia Port Authority
Kevin Abt
757.683.2139

DESIGNER: Moffat & Nichol
Mike Crist
757.628.8222

GENERAL CONTRACTOR: E.V. Williams Inc.

COMPLETION DATE: July 2009

PROJECT DETAILS: The fifth phase on an ongoing pavement rehabilitation project, this project required 55,000 square yards of 16.5" RCC pavement. To date, 411,000 square yards of pavement have been produced and placed by A.G. Peltz Group, LLC at this location.

PROJECT: Mobile Container Terminals
at Choctaw Point
Mobile, AL

OWNER: APM-Maersk
Mohsen Elbaz
704.571.2624

DESIGNER: Gulf States Engineering

GENERAL CONTRACTOR: R.B. Baker Inc.

COMPLETION DATE: February 2009

PROJECT DETAILS: RCC (111,333 cubic yards) was selected in lieu of asphalt pavement for heavy and medium loading conditions for a new container yard. The project consists of 101,000 square yards of 16" RCC pavement and 299,000 square yards of 8" RCC pavement. The decision to utilize RCC in lieu of asphalt not only expedited the project schedule but also saved the client in excess of $1M on an initial cost basis.

PROJECT: Bayport Terminal Complex
Seabrook, TX

OWNER: Port of Houston Authority
James McQueen
713.670.2837

DESIGNER: Klotz and Associates

GENERAL CONTRACTOR: McCarthy Building

COMPLETION DATE: November 2007

PROJECT DETAILS: RCC (95,575 cubic yards) was selected in lieu of PCC pavement for heavy loading conditions for a new container yard. The project consisted of 144,000 square yards of 18" RCC pavement and 61,000 square yards of 14" RCC pavement. RCC production rates routinely exceeded 400 cubic yards per hour with many days' production exceeding 3,000 cubic yards per shift.

Please See www.agpeltz.com for Additional Projects

PROJECT: US 78
Ladsen, South Carolina

OWNER: South Carolina
Department of Transportation

DESIGNER: SCDOT
Andy Johnson

GENERAL CONTRACTOR: Banks Construction Co.

COMPLETION DATE: 2009

PROJECT DETAILS: The SCDOT was having a significant problem with asphalt rutting on high traffic US 78 near Charleston. The existing roadway was built on poor soils and SCDOT needed a durable pavement option which could be placed quickly and minimize traffic disruption. A 10" single lift RCC layer with a 2" asphalt surface fit their needs perfectly.

PROJECT: Soil Cement - US Hwy 84
Andalusia, AL

OWNER: Alabama Department of Transportation

DESIGNER: Alabama Department of Transportation

GENERAL CONTRACTOR: Bullard Excavating

COMPLETION DATE: 2008

PROJECT DETAILS: Approximately 267,000 square yards of 8" soil cement was placed in lieu of an aggregate base layer on US 84 utilizing an Aran Mixing Plant and ABG Paver. The mix design was based on achieving a PSI of 450 @ 7 days, which met ALDOT's acceptable range of 250-500 PSI. This was ALDOT's test project for soil cement. The specification was amended & adopted following the completion of this project and is currently being utilized by ALDOT.

PROJECT PORTFOLIO: ROADWAYS

PROJECT: Runway Reconstruction
Pensacola Regional Airport

OWNER: Pensacola Airport Authority

DESIGNER: Reynolds, Smith, and Hills

GENERAL CONTRACTOR: Phoenix Construction

COMPLETION DATE: June 2006

PROJECT DETAILS: A.G. Peltz placed 148,000 square yards of 6" cement treated base for the Pensacola Regional Airport runway reconstruction. FAA specifications were required on the project. This included a minimum compressive strength of 750 PSI and a ¼" thickness tolerance.

PROJECT: I-285 GDOT
Atlanta, GA

OWNER: Georgia Department of Transportation

DESIGNER: Georgia Department of Transportation

GENERAL CONTRACTOR: Pitman

COMPLETION DATE: 2006

PROJECT DETAILS: First use of RCC on an interstate roadway application in the United States. This project won the 2006 National Partnership for Highway Quality Silver Award and SCAN Innovation Award. The project consisted of over 35 lane miles of shoulder replacement with 6" and 8" RCC.

Please See www.agpeltz.com for Additional Projects

PROJECT PORTFOLIO: DISTRIBUTION

PROJECT: Lowes Distribution Center
Rome, GA

OWNER: Lowes
Rip Rollins

DESIGNER: EAS Professionals, Doug Dunko
Cemex, Cory Zollinger

GENERAL CONTRACTOR: Vannoy Construction
Brandon Glenn

COMPLETION DATE: Spring 2012

PROJECT DETAILS: Over 65,000 cubic yards of 7" RCC mixed and placed for the new Lowes Distribution Center near Rome, GA. RCC was selected in lieu of asphalt by the owner based on pricing and long-term performance expectations. The RCC was placed at 30 foot pavement lanes with control joints cut both transverse and longitudinally at 15 feet.

PROJECT: Honda Logistics Improvements
Lincoln, AL

OWNER: Honda Motor Manufacturing of Alabama
Larry Morris
205.355.5000

DESIGNER: BE&K Engineering

GENERAL CONTRACTOR: Harbert International

COMPLETION DATE: October 2007

PROJECT DETAILS: 125,000 square yards of 7" RCC pavement placed on top of 4" of cement treated base was utilized for the container yards at the Logistics Center for the Honda Manufacturing Facility. This application raised the total area paved with RCC at the facility to 1.5 million square yards.

PROJECT PORTFOLIO: DISTRIBUTION

PROJECT: Distribution Center Phase I
Talladega, AL

OWNER: New South Express

DESIGNER: BE&K Engineering

GENERAL CONTRACTOR: Cooper Construction

COMPLETION DATE: 2005

PROJECT DETAILS: Project consisted of paving the base (4" aggregate base course) and approximately 35,000 cubic yards of 7" patented *spalless* RCC paving.

Please See www.agpeltz.com for Additional Projects

PROJECT PORTFOLIO: DAM PROJECTS

PROJECT: Rattlesnake Hollow
Gorgas, AL

OWNER: Alabama Power Company
Jim Peques
jcpeques@southernco.com

DESIGNER: Southern Company
Engineerng Services

COMPLETION DATE: 2007

PROJECT DETAILS: Dam crest raise with minimum use of formwork. This project consisted of 12,750 cubic yards of RCC produced and placed in stacked 9" lifts.

PROJECT: RCC Dam
Thomaston, GA

OWNER: Georgia Water Resources

DESIGNER: Internal

GENERAL CONTRACTOR: Thalle, Inc.

COMPLETION DATE: 2002

PROJECT DETAILS: A.G. Peltz Group was the subcontractor responsible for all phases of construction including design, mixing, placement, and compaction. This project consisted of 20,000 cubic yards in 9" lifts to create a stair stepped RCC overtopping protection for the dam.

Please See www.agpeltz.com for Additional Projects

PROJECT PORTFOLIO: INDUSTRIAL CONCRETE FLOORING SYSTEMS

PROJECT: ABB Cable Manufacturing Facility
Huntersville, NC

OWNER: ABB

DESIGNER: Professional Engineering Associates
Alan Lumpkin

GENERAL CONTRACTOR: Yeargin, Potter, & Shackelford
Ed West

COMPLETION DATE: January 2012

PROJECT DETAILS: AGP and teQton, Inc placed over 92,000 SF of *jointless* flooring at the new ABB facility in Huntersville, North Carolina. Due to the extremely high expected loads at the facility, the pavement design called for a 17" slab floor. The Teqbase layer (RCC) was placed in two 8.1" lifts prior to a ¾" Teqplan topping layer with a minimum strength of 7000 PSI. YPS was so impressed with the teQton *jointless* flooring system that they elected to utilize the system again for the Nexans Cable Manufacturing Facility in Charleston, SC. This project is slated to start in November of 2012.

PROJECT: Interior Slab Floor
for Wind Turbine Plant
Hutchinson, KS

OWNER: Siemens USA

DESIGNER: Freeland Harris
Jim Johnson

GENERAL CONTRACTOR: Gray Construction

COMPLETION DATE: 2010

PROJECT DETAILS: A.G. Peltz completed the mixing for the Roller Compacted Concrete utilized for the interior slab system for Siemens USA. This consisted of approximately 230,000 square feet or 7,950 cubic yards of RCC. The 11.2" RCC and ¾" topping lift were placed by A.G. Peltz's strategic partner, teQton, Inc. Although this was the pilot project for this innovative system in the United States, teQton has been successfully placing *jointless* RCC flooring systems in Europe for over 30 years.

Please See www.agpeltz.com for Additional Projects