

CURRENT & RECENT PROJECTS

PENNSYLVANIA

SR 15, Sec. 21

Cumberland Co., PA - 254 CY

SR 4001, Sec. 45M

Philadelphia Co., PA - 240 CY

SR 6, Sec. 104

Bradford Co., PA - 41 CY

SR 866, Sec. 04

Blair Co., PA - 38 CY

VIRGINIA

Rte 460

Prince Edwards Co., VA - 118 CY

Rte 64

Albemarle Co., VA - 115 CY

MARYLAND

I-695 at Charles Street

Baltimore Co., MD - 280 CY

InterCounty Connector
Contract -A

Montgomery Co., MD - 240 CY

NORTH CAROLINA

Bridge No. 16 on US 19

Mitchell Co., NC - 619 CY

NEW JERSEY

Bridge No. 18 & 19

AC Expressway

Atlantic Co., NJ - 130 CY

Cross Keys Rd. over

AC Expressway

Camden Co., NJ - 68 CY

DELAWARE

Delaware Memorial
Bridge

Wilmington, DE - 118 CY

Route 40 Emergency Repair - Waynesville, NC

In late October 2009, a rock slide near Waynesville, North Carolina shut down portions of Route 40. With the road closed, NCDOT Bridge Management decided to put out three contracts which included overlaying four bridge decks with Rapid Set® Latex Modified Concrete (RSLMC). With the normal "latex season" complete, Wagman responded as

a supplier and teamed with Taylor and Murphy, a North Carolina bridge contractor, to immediately start work on all three contracts. The combined three contracts total 8288 SY or approximately 750 CY of RSLMC.

Under normal circumstances, RSLMC would not be poured in these less than favorable

temperatures; however, the contractor and Wagman took additional steps to heat the bridge deck, equipment and materials to allow for the overlay to be placed.



Marine Corps Base Quantico – Quantico, VA



In July of 2009, G.A. & F.C. Wagman, Inc. entered into a contract with Clark Construction and the Department of the Navy to place a Latex Modified Concrete (LMC)

overlay on the Apron of the hangers used to house Marine One (The Presidential Helicopters). The project consisted of milling the existing structural apron slab, cleaning and preparing the surface, and overlaying the slab with a variable depth LMC overlay.

Wagman replaced 3971 SY/232 CY of LMC to com-

plete this project. The slab varied from 44 to 48 feet wide, so Wagman had to place the deck in multiple pours of approximately 24 feet wide. This made it even more challenging to maintain the ½% cross slope that was allowed by the tight project specifications. Wagman was proud to be part of this high profile and very successful project.

Schuylkill Expressway SR 76 – Philadelphia County, PA

Wagman teamed with Ramos Associates and Buckley & Company to overlay SR 76, in Philadelphia County, PA. The project included the use of RSLMC to help reduce public inconvenience and traffic congestion in downtown Philadelphia. The contractor was allowed twelve weekends to complete the work,

which had to be scheduled around downtown activities including Eagles, Phillies and Flyers games as well as other events in the city. Wagman poured approximately 1100 feet per day on available weekends to meet this aggressive schedule. In all, Wagman poured 1056 CY of RSLMC on this project.

District 6-0 has let several projects in the last few years which have used Latex Modified Concrete or Rapid Set® Latex Modified Concrete to rehabilitate its bridge decks. The quality of the latex overlay helps to protect the underlying deck from contaminants. Latex overlays have proven to be a cost effective way to extend the service life of a bridge deck to over 20 years.

Please visit Wagman Concrete Group's website for more information about our products, services and experience. Let us know what we can do for you!



For more information regarding our services, please contact:

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Or visit me at the following events:

PennDOT District Liason Meetings

Maryland Quality Initiative, MDQI
January 27-28
Baltimore, MD

World of Concrete
February 2-4
Las Vegas, NV

Mid-Atlantic Quality Assurance Workshop
February 8-10
Washington, D.C.

International Bridge Conference (IBC)
June 6-9
Pittsburgh, PA

Specialty Concrete Properties

Latex Modified Concrete

- Low Permeability
- Increased Bond Strength
- Lower Modulus of Elasticity
- Low Water to Cement Ratio
- Resistance Against Freeze-Thaw Cycles
- Increased Durability
- Cost Effective

Rapid Set® Latex Modified Concrete

- Same Benefits as Latex Modified Concrete
- Very High Early Strength
- Low Shrinkage
- Reduces Traffic Control Cost
- Reduces Public Safety Risks and Inconvenience
- Cost Effective

Rapid Set® Concrete

- Fast-Setting
- Low Shrinkage
- Reduced Porosity and Increased Freeze-Thaw Resistance
- Cost Effective
- Ideal for Roadway Patches, Complete Slab Replacement, Airport Runway Repairs and/or Improvements and Non-Overlay Applications

Wagman Concrete Group News

Wagman's Concrete Group has a proven track record of helping in urgent situations and consistently providing excellent concrete products which improve the service life of concrete deck surfaces. To continue to provide this level of service and product, Wagman is replacing mixer units for two trucks. In addition, Dave Baker, who has been with Wagman for 29 years, has been promoted to Superintendent. Dave now handles the scheduling of the mixer drivers, ordering of materials, and equipment maintenance as well as job representation for Wagman.

DID YOU KNOW...

Wagman replaced 4 lane miles of micro-silica with LMC on the Chesapeake Bay Bridge near Annapolis, MD?

Wagman has completed more than 800 Latex projects in 14 states including the District of Columbia?

Wagman developed Rapid Set® Latex Modified Concrete with the expertise of CTS Cement and Dow in 1989?

Wagman placed a LMC overlay on the Historic Roebling Bridge in 2005, sole survivor of four suspension aqueducts built by John A. Roebling?

G.A. & F.C. Wagman Highlights

Wagman is proud to be voted one of the Best Places to Work in PA for the 5th time! Learn more at www.wagman.com.

BEST PLACES to work in PA 2009

G.A. & F.C. WAGMAN'S CURRENT PROJECTS



Route 52 Causeway Project - Ocean City, NJ



Section 100 I-95/I-695 Interchange - Baltimore County, MD



InterCounty Connector - Contract A - Maryland



InterCounty Connector - Contract B - Maryland

Please visit Wagman Concrete Group's website for more information about our products, services and experience. Let us know what we can do for you!

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