

CURRENT & RECENT PROJECTS

PENNSYLVANIA

SR 424 Sec. 309

Luzerne Co. - 218 CY (Latex)

Frackville Bridges

Frackville Co. - 175 CY (Latex)

Philadelphia Airport

Philadelphia - 800 CY

(Rapid Set Concrete)

MARYLAND

EB Bay Bridge Deck Replacement

Queen Anne's Co. - 650 CY

(Rapid Set Concrete)

VIRGINIA

Bridge Rehab S. Abingdon St.

over I-395

Arlington Co. - 275 CY (Latex)

WASHINGTON, D.C.

Rehab of I-395 HOV

(Rochambeau) Bridge over Potomac River

Washington, D.C. - 3,000 CY (Latex)

NORTH CAROLINA

Durham Hospital Circle Repair

Durham Co. - 100 CY (Latex)

Bridge Preservation I-40

Buncombe Co. - 690 CY

(Latex)

Bridge Rehabilitation I-277

Mecklenburg Co. -

600 CY (Rapid Set Concrete)

75 CY (Latex)



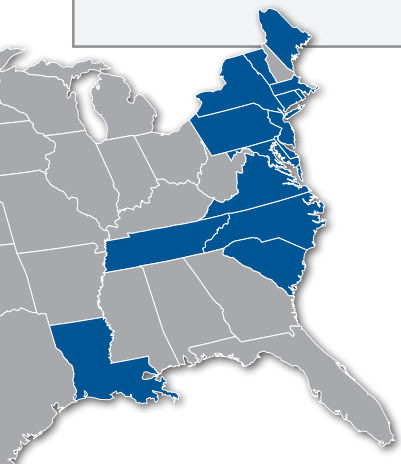
I-64 Hampton Roads Bridge Tunnel Expansion

Wagman Heavy Civil is a subcontractor for the Hampton Roads Connector Partners (HRCP) on the high profile, \$3.8B Hampton Roads Bridge Tunnel Expansion project for the Virginia Department of Transportation (VDOT). Deemed the largest highway construction project in Virginia's history, it includes widening of the current four-lane segments along nearly 10 miles of the I-64 corridor in Norfolk, VA and new twin tunnels across the harbor.

Wagman's \$9M scope of work includes roughly 7,500 CY of Latex Modified Concrete (LMC) that will be placed on 20 bridges, totaling 80,000 SY of deck. The main bridge on the project, the Willoughby Bay Bridge, consists of both eastbound and westbound bridges,

each measuring 4,994 FT in length. Deep hydro-demolition is being performed on the bridge, prior to latex placement. The concrete compressive strength requirements are 3,500 psi in seven days and Wagman's test batch results were 4,000 psi in seven days. This allows for traffic to be released within the seven day time frame.

This is one of the largest furnish and place jobs that Wagman has received as a subcontractor. Due to the complexity and phasing of the project, Wagman's portion of work extends into 2026.



Rehabilitation of 10 Bridges

The Rehabilitation of 10 Bridges is located along the mainline and ramps within the I-95 / I-695 Interchange on the southside of Baltimore, MD. On the ramps, the bridge rehab is performed in halves using two stages of construction. The mainline work consists of starting on the median shoulders and working in stages across the roadway to the outside shoulders. There are seven individual stages of construction with numerous bridges in each stage, located on both NB and SB I-95, totaling roughly 700 CY of Latex Modified Concrete (LMC).



Upon completion of each stage of construction, and once the LMC (or Mix 6 Overlay) is cured, concrete grooving is required prior to switching traffic into the next stage. It is critical that this grooving occurs immediately after the cure period ends as to not delay the traffic switch and the upcoming deck removal activities. Grooving is scheduled for the 5th day from pour completion and this work is typically scheduled to the hour, as it requires mobilization and grooving operations to be performed during the day, night and weekends. To date, grooving crews have been able to meet the demanding schedule, completing work in a timely manner, benefitting project progress. There was approximately 14,300 SY of bridge deck grooving, half completed in 2023 and the remaining half completed in 2024.

Nottoway River Bridge Repairs

In the fall of 2023, Wagman signed a subcontract with Crowder Construction to pour latex on the Nottoway River bridge project in Southamptn, VA. The project originally planned for a 4"- 6" depth, Class A4 mod concrete overlay. But after hydro-demolition caused blow throughs due to differing conditions under existing asphalt, VDOT changed the scope to mill and place a Latex Modified Concrete (LMC) overlay.

Wagman's scope of work included 286 CY of LMC that was placed on 5,134 SY of deck. The project team also had to perform surface preparation via shotblasting prior to the LMC placement. This project was completed in two phases, roughly three months apart. The 1,200 FT long bridge was done in five pours between the two phases, utilizing three mobile mixers. Crowder Construction also had Wagman perform the grooving on Phase 2.



I-64 Express Lanes, Segment 4C

Wagman Heavy Civil was subcontracted with McLean to furnish and supply the Latex Modified Concrete (LMC) overlay on I-64 WB over the Hampton River. All traffic was shifted from I-64 WB to I-64 EB so crews had access to the entire deck after milling and hydro-demolition was complete.

The 2,700 FT long bridge is 52 FT wide and Wagman poured in two each, 24' wide pours, finishing with a 4' gutter pour so crews could hand finish around over 100 new scuppers that were installed. Utilizing our reefer truck to keep the latex cool, Wagman was able to pour at night when the daytime

temps were pushing 100 degrees in the brutal summer heat.

With roughly 16,188 SY and 800 CY of regular latex, this project complimented Wagman's other current work in the Hampton Roads area.



GROOVING & GRINDING

Wagman also offers Grinding & Grooving services. For more information, please contact:

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WAGMAN HEAVY CIVIL CURRENT & RECENT PROJECTS



*Colonial Parkway Rehabilitation,
Design-Build, Williamsburg, VA*



*I-95 / SR 896 Interchange,
Newark, DE*



*Route 234 Brentsville Rd Interchange,
Design-Build, Manassas, VA*

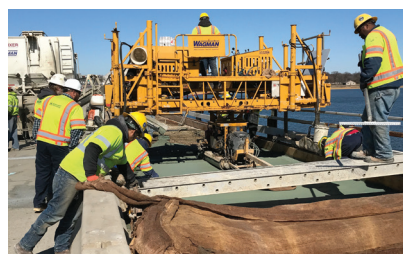


*I-80 over the Lehigh River,
Luzerne & Carbon Co., PA*

Wagman Wins Excellence in Concrete Award from MD ACI!

Wagman Heavy Civil accepted an ACI Maryland Chapter, Excellence in Concrete Construction Award at the chapter's awards banquet on November 21, 2024. The Westbound Bay Bridge (US 50 / 301) Deck Rehabilitation project received the award in the Repair & Restoration category.

This \$27M project replaced the existing bridge deck surface with LMC on the right WB lane on the William M. Preston Lane, Jr. Memorial Bay Bridge. Wagman worked with all stakeholders to accelerate and compress the schedule for the LMC work from two years to one. Additional supervision, labor, equipment, and material resources were mobilized from across the Mid-Atlantic region, while engineering teams modified technical and MOT requirements. All westbound lanes were successfully re-opened a year ahead of schedule. Congratulations to our teams and project partners on this accomplishment!





General Construction | Heavy Civil | Geotechnical

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York, PA 17406

NEWS YOU CAN USE

Wagman Receives 2024 TQI Diversity Award



Wagman, Inc. was selected as a recipient of the 2024 TQI Diversity Award from the Associated Pennsylvania Constructors (APC). The winners were chosen for advancing diversity and fostering a culture of inclusion within their workforce and in the communities they serve.

Why Choose LMC?

Wagman has been furnishing and installing modified concretes for 50 years. Contact me to discuss the advantages of different concrete products and determine which one will most benefit your project goals.

- Proven technology since the 1970's specifically designed for thin bonded overlays
- Provides a 30+ year service life when placed properly
- Bond strength exceeds the strength of the base concrete
- And more!

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