



Happy New Year – Note from our President



2019 marks the end of a decade that has been wrought with change. Be it the economy, technology, politics, medical advancements, social changes—no matter how you look at it, this decade has been a wild ride! One thing remains unchanged over the past decade, though; **DDS** still remains the area leader in Land Surveying, Civil and Geotechnical Engineering, Construction Materials Testing, and Special Inspections. We celebrated our 40th anniversary during the past decade, as well as our 45th. But, at the end of the day—or decade as it may be—we can’t celebrate any of these milestones without each of you that are reading this newsletter. Your trust in

DDS has been unwavering over the past (now) 47 years, and we will never be able to fully express our gratitude for it. We look forward to pioneering into a new decade with each of you, and we are truly excited to assist you with your upcoming projects! We want to dedicate this issue to a very special token of gratitude we received from a longtime client of **DDS**. In the following pages, you will find a letter written by Mr. Wendell Strode, Executive Director of the **National Corvette Museum**. Receiving tokens of sentiment like this are what makes it all worthwhile for each of us. We hope that we may continue to provide this level of commitment to each of you, and all future clients.

From the entire Management Team, and all of our Staff, we say **Thank You**, and **Happy New Year!**

Dennis D. Smith, PE, PLS, F. ASCE, F. NSPS
President, CEO

Project Spotlight—Bowling Green to get new O’Reilly Auto Parts



Bowling Green, Kentucky

Working with a long time client, **DDS** was honored to provide the land surveying and civil engineering design services for a new O’Reilly Auto Parts in Bowling Green. This site, which is located on Scottsville Road near the existing Tractor Supply Company, presented numerous challenges. Ultimately, we were able to design this site utilizing as much existing drainage infrastructure

as possible. Design considerations were made for an adjacent commercial parcel, allowing for a joint use possibility in the future. Allowing for these possibilities early on in the design process will open up the opportunity for a shared use entrance and parking in the future, making the second parcel much more attractive to future developers.

In addition to site design, **DDS** provided boundary, topographic, and ALTA surveying, zoning amendments, and subdivision platting. Construction is well underway on this project with an anticipated grand opening date fast approaching. This will make for the third location in Bowling Green, and a valuable addition to the east side of the City.



National Corvette Museum

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www.corvettemuseum.org

To: Prospective Clients of DDS ENGINEERING, PLLC

Dennis Smith and I have had a personal and professional relationship that goes back several years to my previous career in the banking industry. I met Dennis and his wife Sharon, in that profession and developed a relationship there that carried over into my tenure at the National Corvette Museum (NCM).

Prior to me coming to the NCM, Dennis and Sharon were involved with the Museum both as Founding Members and Lifetime Members. During the original construction of the Museum, Dennis' Firm DDS ENGINEERING, PLLC was involved with the construction work for the completion of the Museum and assisted behind the scenes to make sure the original construction was completed in a manner worthy of the Corvette Nameplate.

After the completion of the Museum and during the very early and lean times at the Museum, Dennis' Firm stepped in and provided all the printing services for the reader boards for the displays in the Museum. This generous assistance to a struggling Museum provided a means for maintaining our displays fresh and up to date. Dennis' staff even assisted with the placement of the display reader boards and made sure that everything was just right.

When we began planning an addition to the Museum, Dennis, while serving on the NCM Board for eight years, also served on the Planning and Building Committee for the Board and assisted with all aspects of the expansion design and the selection of the Architects and Engineers for the design of the facility. Dennis and his Firm stepped up and assisted with the site planning, surveying, geotechnical and civil engineering and inspection and testing to make sure everything was completed according to plans and specifications. DDS ENGINEERING proved to be second to none in addressing all our professional design needs.

As the NCM progressed and began to see a need for more new and innovative things to offer NCM visitors and guests, Dennis once again stepped forward and assisted by serving on the planning and site selection committee for what was to become the NCM Motorsports Park (MSP).

As a leader in this new chapter in the life of the growing Museum, Dennis's Firm was at the forefront in the initial conceptual site planning, surveying, geotechnical and civil engineering for this huge undertaking. His Firm lead the NCM through the vast amounts of regulatory processes and procedures and coordinated all aspects of the design, construction and completion of the MSP and the associated amenities for the facility.

On the early morning of Wednesday, 12 February 2014, Dennis was called to evaluate and assist with what appeared to be utter devastation at the NCM. The now infamous sinkhole had manifested itself in the frustum or as it is known to NCM staff and visitors, the 'Skydome'! Again, Dennis and his Firm stepped to the plate to assist with the examination and monitoring of the structure for both safety of

"The National Corvette Museum is a nonprofit 501(c)(3) foundation"



life and property. DDS ENGINEERING then worked hand in hand with both a local contractor and an international geotechnical firm to assure that the structure could be repaired both soundly and safely. Throughout the entire rebuilding process, Dennis and the DDS staff was there to provide critical data to the contractors on any movements of the structure, the vastness and volume of the hole itself as well as crucial positioning and layout of key components for the stabilization, repair and reconstruction of the structure. This first-hand experience has enabled Dennis to become a sought-after speaker on the sinkhole repair and the building reconstruction process to various professional societies and meetings across the country as well as a keynote speaker to various social groups and as such, he is an ambassador for the NCM!

Today as we continue to move forward, we expect that DDS ENGINEERING, PLLC, the Firm without equal, will be involved with all aspects of the future and continual growth of the NCM and the MSP. Dennis and his Firm's leadership are invaluable to the continual advancement of the Mission Statement of the NCM.

For Dennis and his Firm's guidance and direction, the NCM will forever be grateful.

Sincerely,

Wendell K. Strode
Executive Director

CWR

NO.	ROOM	FLOOR	BASE	WALL	CEILING
101	CLOSET	MEZANINE	WOOD	WASHER	NO FINISH
102	PASSAGE	"	"	"	"
103	CLOSET	"	"	"	"
104	STAGE	AMPHITHEATRE	"	"	"
105	SCENIC FIT	GRAND	WOOD	LEANT ARCH	"
106	ARTS ROOM	"	"	"	NO FINISH
107	BOOTH #1	"	"	"	"
108	WALK-WAY	"	WOOD	PLASTER	"
109	BOOTH #2	"	"	"	"
110	STAIRS TO KW	"	WOOD	PLASTER	"
111	STAIR HALL TERRAZZO	"	"	"	"
112	OFFICE	GRAND	"	"	"
113	ENTRY NO. 2	"	"	"	"
114	ENTRY NO. 1	"	"	"	"
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WINDOW SCHEDULE
 TYPE A - WOOD SASH DOUBLE HUNG
 TYPE B - FIXED WOOD SASH DOUBLE HUNG
 SEE PLANS & ELEVATIONS FOR SIZES
 ALL WINDOWS TO BE ALIGNED TO FACE STEEL STRUCTURE
 FOLLOWING WINDOWS TO BE GLAZED WITH
 TINTED GLASS (SEE SPECIFICATIONS FOR TINT)
 ALL GLASS TO BE 1/2" MIN. THICK UNLESS NOTED



WINDOWS TOOLS TO BE ADDED WITH TILE DADO AND TO BE TILE,
 ALL OTHERS WOOD
 FINISH WOOD IN LOBBY & LIBRARY ONLY



Railway Surveying Services,
CSX Transportation



Railway Spur for Coal Mine,
McHenry, Kentucky

DDS ENGINEERING, PLLC (DDS) has served Southern Kentucky and Northern Tennessee for the past 47 years. In that time, **DDS** has recognized the need for experienced leadership in the Land Surveying and Engineering industries and has strived to provide that leadership to each and every client. **DDS** has become the site design professional of choice for residential homeowners, utility companies, school systems, churches, retail facilities, banks, industrial organizations and government agencies, large and small. **DDS** prides ourselves in the ability to **DESIGN UNIQUE SOLUTIONS FOR COMPLEX PROBLEMS.**

DDS utilizes the latest in technology, equipment and training to ensure that clients are provided with the most economical and efficient solutions to their site development concerns. Additionally, **DDS** is the only firm in the Bowling Green area to have an in-house geotechnical and construction materials testing laboratory. This laboratory allows **DDS** to provide standardized tests across a broad range of construction materials.



AASHTO
ACCREDITATION
PROGRAM

DDS' Construction Materials Testing Laboratory is accredited by the AASHTO Accreditation Program, the largest and most recognized accrediting body for construction materials testing laboratories.

To learn more, and to view a full scope of our accreditations, visit ddsengineering.com/aashto.



3D Power Line Scanning,
Eastern Tennessee



NCM Motorsports Park,
Bowling Green, Kentucky



Mammoth Cave Visitor's Center,
Mammoth Cave, Kentucky



Houchens Industries—L.T. Smith Stadium,
Western Kentucky University

DDS is proud to service the following areas:

Alabama
Georgia
Indiana
Kentucky
Mississippi
North Carolina
North Dakota
Tennessee
West Virginia

LAND SURVEYING

3D Scanning
As-Built Surveys
Boundary Surveys
Construction Staking
GPS Surveying
GIS Data Collection
Planimetric Surveys
Property Platting
Topographic Surveys
Volume Surveys
Watershed Studies

CIVIL & GEOTECHNICAL ENGINEERING

Detailed Development Plans
Karst Analysis
Site Design
Storm Water Management
Utility Design
Pavement Design
Roadway Design
Site Characterizations
Site Grading & Drainage
Slope Stability

CONSTRUCTION MATERIALS TESTING & SPECIAL INSPECTIONS

Soils Testing
Aggregate Testing
Concrete Testing
Concrete Anchor Testing
Masonry Unit Testing
Mortar Testing
Grout Testing
Earthwork Inspection
Foundation Inspection
Reinforced Concrete Ins.
Structural Masonry Ins.

Pride and Excellence in

Land Surveying, Civil & Geotechnical Engineering, Construction Materials Testing and Special Inspections since 1973.

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