

Richard Sobbott, P.E, PLS Senior Highway Engineer

AFFILIATION:  **DCI**
DANIEL CONSULTANTS, INC.

PROJECT ASSIGNMENT: LEAD STREETScape/HIGHWAY ENGINEER

EDUCATION:

B.S./1982/Civil Engineering,

REGISTRATION:

Registered Professional Engineer

EXPERIENCE:

Mr. Sobbott has over 24 years of experience in planning and design of engineering projects related to roads, highways, and streetscape improvement projects. His experience includes highway design, horizontal and vertical alignments, drainage design, utility relocating, earthwork quantities, storm water managements, maintenance of traffic plans, street furniture, and contract documents. He is experienced in computer software for hydrology/hydraulics such as TR-20, TR-55, HEC-2, HY-8. He is familiar with the permitting process and requirements of MD Department of Natural Resources, M-NCPPC, WSSC, various Counties of Maryland and the District of Columbia, MD Department of Environment and Corps of Engineers.

- **Baltimore Street Streetscape Improvement between Calvert St to President Street (City of Baltimore)** – Project Manager and Lead Streetscape Designer for this project in Downtown Baltimore near Inner Harbor. With similar setting to Washington DC's downtown, the design included pavement, parking configuration, signal reconstruction, streetlighting, and streetscape elements such as street furniture, pedestrian crossing, walkways, selection of hardware compatible with historical aspects and guidelines of the City. The streetscaping designs involved special brick pavement and the design of street furnishing
- **Carolyn Street Streetscape Improvement between Thames St to Alineanna Street (City of Baltimore)** – Project Manager and Lead Streetscape Designer for this revitalization project in Downtown Baltimore at Felps Point. The design included design of pavement, parking configuration, signal reconstruction, street lighting, and streetscape elements such as street furniture, pedestrian crossing, walkways, selection of hardware compatible with historical aspects and guidelines of the City. The streetscaping designs involved special brick pavement and the design of street furnishing
- **MD 5 Streetscape, Leonardtown, MD (Maryland SHA)**. For this 4-mile long segment streetscape project, Mr. Sobbott is developing stormwater management plans.
- **MD I-95 between MD 32 and MD 198** – District 7 construction phasing of roadway and maintenance of traffic plans.
- **Improvement of intersection of MD Rte 170 and Stoney Run Road** - Anne Arundel County, MD - Complete design, signing and lighting plans.
- **Improvement of MD Rte 170 near I-195 - Anne Arundel County, MD** - Design for adding left turn lanes, maintenance of traffic plans, construction phasing, geometric designs.

- **I-895/Lombard Street Interchange – Baltimore.** Complete design for drainage for the modification of the interchange, maintenance of traffic plans.
- **SHA District 7, Maryland.** Intersection improvements including adding of additional lanes, left turn movements, acceleration and deceleration lanes at the following locations:
 - **Mt. Phillip Road at U.S. Rte 48A Frederick County, MD** – geometric design, MOT
 - **MD Rte 103 at Roosevelt Blvd. - Howard County, MD** – geometric design, MOT
 - **Clifton Avenue Bridge over Windsor Mill Road - Baltimore City, MD**
 - **Three bridges on Jefferson, Washington and Randolph St. over Peek Creek near Pulaski, VA**
 - **Ridgley Avenue Bridge over Weems Creek - Anne Arundel County, MD**
 - **Brighton Dam Bridge over Tridelphia Reservoir - Howard & Montgomery County**
 - **I-95 Bridge over MD 5 - Prince George County, MD**
 - **Utility relocation and conflict resolution for widening of several highways in Chesterfield County, VA** – water, gas, sewer line relocations.
 - **Widening of Rte 58 along Cane Creek in Lee, Virginia** - All drainage studies include flood plan mapping, using TR-20 and HEC-2 computer modeling, maintenance of traffic.
 - **BWI Airport - Extension of Runway 10-28 and modification to Stoney Run Road and intersection with MD Rte. 170 - Anne Arundel County, MD** - Road extension, intersection improvement, drainage, specifications.
 - **BWI Bus/Taxi Staging Area – Anne Arundel County, MD** – Design of new acceleration and deceleration lanes on I-195 to access new bus/taxi staging area.
 - **I-95 Over MD 5, Prince George’s County, MD** - Responsible for complete highway design, maintenance of traffic, stormwater management.