

Narrative Biography
for COL(R) SCOTTY SHRADER

March 2020

COL Scott “Scotty” R. Shrader has honored our nation, the Army, and the Engineer Regiment with 32 years of total service and over 25 years of distinguished service and leadership to the Engineer Regiment. COL Shrader enlisted into the Utah National Guard as an Artilleryman in 1985 and soon after entered the Reserve Officer Training Corps at Utah State University. He was commissioned in the Field Artillery in 1987. He has served the Engineer Regiment since 1994, starting as a First Lieutenant and serving in positions of increasing responsibility from the company, battalion, brigade, Regional Support Command, 416th Theater Engineer Command (TEC), USARC, OCAR, and DA Staff levels supporting the force with the procurement of over 3 billion dollars individual Soldier items for deployments to heavy construction equipment.

COL Shrader performed with exceptionally meritorious service while serving in a position of increasing responsibility, culminating a 32-year career as the Chief, Force Management Branch, and Director, Army Reserve Engineer for Integration, and Deputy Director Army Reserve Competitive Marksmanship Program, and twice as the Chief of Staff for the 416th Theater Engineer Command.

Colonel Shrader provided program and project level management to four Forward Operating Bases and three of the most significant detention facility construction projects in Iraq with over \$850 million construction projects impacting the force protection, safety, security, and quality of life Soldiers of the brigade in northern Iraq. His involvement shaped the progress of six major construction projects in excess of 110 million dollars in support of the world's largest detention facility. In 2008, Baghdad, Iraq, COL Shrader’s second deployment to Iraq, he was awarded a Bronze Star.

Colonel Shrader conducted a strategic regiment level Doctrine, Organization, Training, Materiel, Leadership, and Education, Personnel and Facilities process application to upgrade of the force from the inside out and assumed the dual role of the Engineer and Logistics Management Officer directing the acquisition and procurement operations supporting over 39 thousand Soldiers. The Office of the Chief Engineers (OCE), Office of the Chief Army Reserve (OCAR), United States Army Reserve (USARC), 416th and 412th Engineer Commands afforded him the ability to cross the spectrum of operations from Department of the Army (DoA) and Department of Defense (DoD) to all supporting agencies representing the Army Reserve Engineers and the Engineer Regiment. A Strategic deep thinker, Colonel Shrader acting as the catalyst to implement and execute the de-modularization of the Army Reserve Engineer force

structure, he advised the Department of the Army and Office of the Chief Army Reserve staffs on the initiative to right size and shaped the future Army Reserve engineer structure. His efforts resulted in over 113 separate tool additions and modifications to the Engineer Sets Kits and Outfits. Colonel Shrader and the G4 Tiger Team over 4 years, partnered with Tank-automotive and Armaments Command (TACOM) to rewrite the Technical Manuals of major engineer equipment before distribution, reducing logistics acquisition efforts, saving the Army over \$900,000 in the first 3 months. Colonel Shrader directly coordinated with U.S. Army Maneuver Support Center of Excellence and Program Manager for Sets, Kits, and Outfits (PM SKOT), United States Army Training and Doctrine Command (TRADOC), Tank-automotive and Armaments Command, Department of the Army G8, and Army Capabilities Integration Center to facilitate the architectural rewrite and development of the Regiments Sets Kits and Outfits, implementation of the Hydraulic, Electric, Pneumatic, Petroleum Operated Equipment Program of Record and represented the Tank-automotive and Armaments Command to achieve a first time United States Army/Marine Corps GPS/Laser Leveling Program of Record to update the Horizontal Heavy Equipment across all Army Components.

Colonel Shrader developed and executed the first full fielding of Heavy Equipment Construction Simulators across the Army Reserve; he set the standard adopted by the Army for training support utilizing Caterpillar Simulators technology. He executed a complete upgrade of all of the Army Reserve Technical Engineering Survey Equipment, both accomplishments published in the Army Engineers Association magazine. In 2014, Colonel Shrader was the driving force and led the effort supporting both the 416th and 412th Engineer Commands by fully fielding new survey equipment to all Detachments, Harris Radio Command sets for all Fire Fighting teams, and fully fielded brigade and command level Tactical Operations Center to the 412th Theater Engineer Command.

While assigned as the Director, Army Reserve Engineer – Integration, he had an exceptional performance as the Senior Force Modernization Officer for the entire Army Reserve, routinely representing OCE, OCAR, and the Army Reserve engineers in various forums including SRM, Unified Quest, UC, Force 2025 and Beyond. He continued to develop, expand, and implement open lines of communication to enhance the position of Army Reserve Engineers in shaping, sizing, and equipment initiatives. He aggressively represented both engineer commands by pro-actively engaging with Headquarters, Department of the Army, and Office of the Chief Army Reserve G3/5/7 and Force Management, shaping discussions and initiatives supporting the Army Reserve engineer equities.

In 2016 Colonel Shrader supported the Army Reserve Engineers with the acquisition of the first weapons simulators, the MMTS, to promote the Army Reserve Engineers and the Army Reserve Marksmanship Program. The new simulator weapons package made significant impacts on Soldier Marksmanship skills across the entire Army Reserve, including a published article in the AEA Magazine. Colonel Shrader cultivated vital partnerships with Headquarters, Department of the Army G3, FMO, Office of the Chief of Engineers, Tank-automotive and Armaments

Command, U.S. Army Maneuver Support Center of Excellence, Army Training and Doctrine Command and the United States Army Engineer School to bring the optimal Engineer resources to focus in pursuing our national interests.

Upon retirement, Colonel Shrader is recognized by the Engineer Regiment for distinguished performance of duty that represents exemplary achievement in the finest traditions of the United States Army and awarded the Silver de Fleury Medal, the second-highest level of recognition within the Engineer Regiment. COL Shrader retired from the Army in June 2017 and started his firm, The Shrader Research Defense Group, where he is the President and CEO since 1 July 2017. In 2017 COL Shrader became the President-Elect of the 416th ENCOM Association, and on 2 November 2019, COL Shrader became the President of the 416th ENCOM Association.