



DOUGLAS G. TILLEY, P.E., R.P.L.S.
Vice President, Engineering & Surveying

EDUCATION: B.S. (magna cum laude)/2006/Civil Engineering/University of Maryland

REGISTRATION: 2012/Maryland Registered Professional Engineer #42417
2013/Virginia Registered Professional Engineer #052715
2014/District of Columbia Registered Professional Engineer #PE907568
2015/North Carolina Registered Professional Engineer #042332
2016/Delaware Registered Professional Engineer #20711
2018/Responsible Land Disturber Maryland #RPC014301
2021/Maryland Registered Professional Land Surveyor #22005
2023/West Virginia Registered Professional Engineer #25778

CAPABILITIES:

Mr. Tilley has 15 years of experience and expertise in hydrology / hydraulics, drainage systems, stormwater management facilities, underground utilities, grading, sediment control, site planning, zoning analysis, and construction coordination. His experience encompasses engineering design on numerous residential and commercial projects of all sizes, including individual residential housing lots, multi-family developments, commercial pad sites, schools, churches, shopping centers, campgrounds and landfills / rubble fills. He has extensive experience in site permitting, Client coordination, and engineering/surveying project management. He also has significant experience in forensic engineering & litigation support, construction management and inspection, project documentation, and project closeout. He has testified and/or provided documentation to numerous planning agencies or boards, including the Montgomery County Planning Board, Prince George's County Planning Board, and City of Gaithersburg Planning Commission.

Mr. Tilley has managed the day to day operations of O'C&L's Engineering and Surveying department for nearly 13 years and has personally designed and/or managed hundreds of surveying, engineering, consulting, and operational support projects in that position. The following projects represent a cross-section of his extensive experience.

PROJECT EXPERIENCE:

- **Academy of the Holy Cross, Kensington, Maryland.** Mr. Tilley oversaw a field-run topographic survey, design, permitting, and as-built surveying/engineering for a new turf field and required stormwater management devices located on the campus of the Academy of the Holy Cross school in Kensington, Maryland. Mr. Tilley is the civil engineer of record for the stormwater management improvements installed for the turf field on this site.
- **Fitzgerald Lakeforest Auto Mall, Gaithersburg, Maryland.** Mr. Tilley oversaw a planning and design effort to develop planning and design documents for site improvements to subject car dealer, which is located in the City of Gaithersburg. The site improvements included the removal of an on-site stormwater management pond and replacement of this pond with an underground detention system, installation of on-site storm drain and stormwater management devices, and site improvements ultimately supporting the installation of a 5-story parking garage on the subject property. He is the civil engineer of record for this development. As part of this task, Mr. Tilley has provided testimony in front of the City of Gaithersburg Planning Commission on several occasions.
- **Cherry Hill Recreational Park – Campground Expansion, College Park, Maryland.** Mr. Tilley oversaw the final, planning, design and permitting related to the expansion of a campground in College Park. Significant elements of this project included the design of modifications to a large, Class II hazard detention pond just upstream of the ramp from I-495 W to I-95 N, on-site storm drain and stormwater management design, water

and sewer design, site grading, targeting surveying efforts, and ultimately, as-built preparation for the pond and other stormwater management systems.

- **Carleton East Apartments, Lanham, Maryland.** Mr. Tilley oversaw a detailed topographic survey for and drainage study development for a large apartment complex in Prince George's County. As part of this task, Mr. Tilley reviewed the site survey, developed drainage area maps, isolated particular areas of concern, wrote a drainage study highlighting these particular areas of concern, divided areas of concern into tiers of problems, developed small repair plans, and inspected the final work to complete certain repairs.
- **Leisure World Mutual 19B, Silver Spring, Maryland.** Mr. Tilley oversaw the completion of a detailed topographic survey for a seven building community within the confines of the Leisure World Adult Active development, located in Silver Spring. Mr. Tilley and his team utilized the site survey to develop drainage areas maps, assess the suitability of existing on-site infrastructure, develop a detailed drainage study, highlight particular areas of concern, and develop a repair plan for a particular areas designated as the most critical location on the site. Upon completion of the aforementioned repairs, Mr. Tilley and his team inspected the final work performed.
- **Saybrooke Village Green, Gaithersburg, Maryland.** Mr. Tilley oversaw the completion of a detailed topographic survey and development of a grading/stormwater management plan for the construction of a new courtyard area in the Saybrooke community in the City of Gaithersburg.
- **Village Towns Condominiums, Elkridge, Maryland.** Mr. Tilley oversaw the completion of a detailed boundary and topographic survey over a significant portion of the subject development. Mr. Tilley evaluated site slopes for suitability as compared to design drawings and manuals, developed site exhibits, prepared a bid package, and obtained estimates from contractors for use in litigation negotiations. Mr. Tilley was deposed as part of this project. The matter settled out of court.
- **North East Racing and Sports Club, North East, Maryland.** Mr. Tilley completed a review of site documents and the inspection of a former restaurant/bar and off-track betting facility for the purposes of establishing whether an party had complied with a previous order for repairs from a presiding judge. As part of this work, Mr. Tilley completed multiple site inspections, assisted with the preparation of expert reports, and ultimately assisted with litigation preparation. The matter settled out of court.
- **Site II, Silver Spring, Maryland.** Mr. Tilley was the civil engineer of record on the preparation of sediment control plans for the demolition of an old industrial facility located in Silver Spring, Maryland. As part of this task, Mr. Tilley oversaw the completion of a detailed partial topographic survey (with a focus on the on-site stormwater management and storm drain system to ensure drainage within individual drainage areas), developed sediment control plans to be used for site demolition, assisted with the development of site specifications, and ultimately consulted with the Owner to provide guidance during the demolition and grading process.
- **Montgomery County Service Park Demolition, Derwood, Maryland.** Mr. Tilley oversaw the preparation of a detailed topographic survey for a series of County-services buildings located just north of the Shady Grove Metro station as part of a removal/turnover project from Montgomery County to a private developer. Mr. Tilley is the civil engineer of record on a series of sediment control plans and rough grading plans for demolition for use in obtaining requisite permits for the demolition of the facilities over roughly 60 acres. Mr. Tilley also provided assistance to O'C&L's Client in coordinating the work such that the future developer was able to effectively take over the site to re-develop the property with a housing community.
- **Westphalia Class III Rubble Fill, Upper Marlboro, Maryland.** Mr. Tilley oversaw targeted topographic surveys over significant portions of the 64 acre +/- Class III rubble fill as the site as slowly built-up with rubble. Mr. Tilley completed various grading plans, stormwater management plans, and sediment control plans as the site developed over a significant period of time. Once the final elevation of the site was reached, Mr. Tilley assisted the Owner with the closeout of the subject property, including grading verifications, as-built preparation, permit closeout, and certification completion.