

**Board of Zoning Adjustment Case No. 18417
550 Penn Street, NE**

**Outline of Testimony
Daniel Van Pelt/Robert Schiesel, Gorove Slade Associates
Traffic Consultant**

- I. Introduction
 - A. Description of Gorove Slade Associates
 - B. History and Experience
- II. Overview of Parking Variance
 - A. Sufficiency and Capacity
 - B. Operation of use at existing building
- III. Overview of Loading Variance
 - A. Accommodation for loading needs
 - B. Operation
- IV. Conclusions

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Daniel B. VanPelt, P.E., PTOE

Vice President and Principal

Mr. VanPelt's wide range of traffic and transportation project experience includes: traffic impact studies, site access and circulation planning, functional parking lot and garage design, parking demand analysis, corridor studies, campus master planning, major data collection efforts, loading dock design, intersection improvement design, signal design, signing and pavement marking design, and expert witness testimony. He has worked for public, private and institutional sector clients throughout the United States and has worked internationally on projects in the United Arab Emirates, China, Venezuela, Brazil and Mexico.

Education

Master of Science in Civil Engineering, *Washington University in St. Louis*

Bachelor of Science in Civil Engineering, *Washington University in St. Louis*

Bachelor of Science in Physics, *Bethany College*

Professional Registrations

Licensed Professional Engineer – Virginia #0402 037160, Pennsylvania #PE074759, Maryland #36413, District of Columbia #PE904669, and West Virginia #18288; Registered Professional Traffic Operations Engineer

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Professional Associations

Institute of Transportation Engineers (ITE); Society for College and University Planning (SCUP); International Council of Shopping Centers (ICSC); American Society of Civil Engineers (ASCE); NAIOP Northern Virginia; and Lambda Alpha International Land Economics Honor Society

Publications

ITE webinar presenter for "Multi-Modal School Site Planning, Design and Transportation for Primary Grades K-8." 2010

"Lots to Learn; Don't let parking and traffic problems sink your entertainment business," *Casino Journal*, December 2003, p. 28.

Representative Experience

CAMPUSES AND MASTER PLANS

Mr. VanPelt has developed transportation master plans, demand management plans, construction management plans, circulation studies, and parking studies for a number of universities, schools and institutions including the American University Campus Plan, Washington, DC; Georgetown University Campus Plan, Washington, DC; Howard University Campus Plan, Washington, DC; Indiana University Campus Plan, Bloomington, IN; IUPUI Campus Plan, Indianapolis, IN; Calhoun Street East-Waterfront Area Plan, Charleston, SC; US Capitol Complex Master Plan, Washington, DC; The Capitol Visitor Center, Washington, DC; Cannon House Office Building Renewal, Washington, DC; Princeton University Campus Framework Plan, Princeton, NJ; Yale University Medical District, New Haven, CT; Hartford Strategic Framework, Hartford, CT; The National Cathedral Campus Plan, Washington, DC; The Bullis School, Potomac, MD; Alexandria Country Day School, Alexandria, VA; and The Phillips Collection, Washington, DC.

MIXED-USE AND COMMERCIAL DEVELOPMENTS

Mr. VanPelt has prepared traffic studies, parking analysis, site access planning, loading access design, site circulation planning and signal designs for projects including: Monument Ballpark, Washington, DC; Monaco I/II and Sanremo, Jersey City, NJ; Children's Museum and Air Rights Buildings at L'Enfant Plaza, Washington, DC; Shamrock Business Center, Painesville, OH; Auyare I/II and Hacienda Santa Cruz, Caracas, Venezuela; Oaklawn in



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Leesburg, VA; Dubai International Finance Center, Dubai, UAE; 5th & K Streets NW, Washington, DC; and Journal Square Centre, Jersey City, NJ.

HOSPITALITY AND ENTERTAINMENT

Mr. VanPelt has worked on numerous hospitality and entertainment sites throughout North and South America. Projects include the St. Regis Mohawk Casino, Monticello, NY; Turning Stone Casino Resort, Verona, NY; Gaylord Texan, Grapevine, TX; Gaylord National Harbor, Prince George's County, MD; Mohegan Sun Casino Resort, Uncasville, CT; W Mexico City, Polanco, Mexico D.F.; Meskwaki Casino, Tama, IA; Marriott Orlando World Center, Orlando, FL; the Connecticut Convention Center, Hartford, CT; and Pikes Peak International Raceway, Colorado Springs, CO.

SHOPPING CENTERS AND MALLS

Mr. VanPelt has prepared traffic, parking, site access and site circulation studies for grocery stores, lifestyle centers, power centers, regional centers and urban retail including the Citadel Harris Teeter, Washington, DC; Mondawmin Mall Redevelopment, Baltimore, MD; DC USA Target and Best Buy, Washington, DC; Trotwood Town Center, Trotwood, OH; The Avenue Viera, Viera, FL; The Avenue Carriage Crossing, Collierville, TN; Woodbridge Center, Woodbridge, New Jersey; Kendall Town Center, Miami, FL; Summerlin Mall, Summerlin, NV; Chicago Premium Outlets, Aurora, IL; North Georgia Premium Outlets, Dawsonville, GA; Park Meadows Mall, Denver, CO; Owings Mills Mall, Owings Mills, MD; and Kittery Premium Outlets, Kittery, ME.

OFFICE AND RESIDENTIAL DEVELOPMENTS

Mr. VanPelt has worked on office and residential development projects involving site planning and access planning as well as the design of both traffic signals and parking garage facilities. Projects have included 1700 K Street NW, Washington, DC; City View Condos, Washington, DC; Westmoreland House at Huntington Metro, Alexandria, VA; Balmoral Residential, Prince William County, VA; Red Cedar, Loudoun County, VA.

PARKING STUDIES AND PARKING GARAGE DESIGN

Mr. VanPelt has performed parking needs studies and garage planning for projects such as the Dubai International Finance Center, Dubai, UAE; National Cathedral Bus Garage Design, Washington, DC; City View Condos, Hyattsville, MD; ER One Washington Hospital Center, Washington, DC; and Ronald Reagan National Airport, Arlington, VA.

TRAFFIC IMPACT STUDIES

Mr. VanPelt has conducted numerous traffic impact studies in support of rezoning, subdivision, site plan approvals and EIS applications for large and small residential, commercial, office retail and institutional developments. His work includes experience in Pennsylvania, Ohio, Virginia, Maryland, New Jersey, New York, Connecticut and the District of Columbia.

DATA COLLECTION STUDIES

Mr. VanPelt has conducted large-scale data collection efforts including traffic counts, pedestrian counts, vehicle classification counts, speed studies and origin-destination studies. Examples include managing a long-term data collection program for the New Jersey DOT in northern New Jersey and supervising data collection efforts at both the Lincoln and Holland Tunnels for the Port Authority of New York and New Jersey.

MEDICAL CAMPUS AND OFFICES

Mr. VanPelt has provided transportation master planning and traffic studies for a variety of medical facilities, including The Ohio State University Medical Center in Columbus, OH; Indiana University-Purdue University, Indianapolis/Clarian Medical Center in Indianapolis, IN; Sibley Hospital in Washington, DC; Reston Hospital in Reston, VA; and the ER-1 scalable prototype major emergency facility at Washington Hospital Center in Washington, DC.



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Robert B. Schiesel, P.E.

Project Manager

Mr. Schiesel possesses significant transportation engineering and planning experience in both the public and private sectors. His experience includes multimodal analyses of large mixed-use plans and campuses, traffic impact studies, parking studies, traffic and parking forecasting, queuing analysis, traffic simulation, transportation demand management, and intelligent transportation systems planning. Projects Mr. Schiesel has been involved with include entertainment complexes, universities, churches, small and large commercial facilities, residential developments, government facilities and mixed-use developments.

Education

Master of Science: Civil Engineering, May 2000, *University of Virginia: Charlottesville, Virginia;*

Bachelor of Science: Civil Engineering, May 1998, *University of Virginia: Charlottesville, Virginia.*

Professional Registrations

Licensed Professional Engineer - Virginia #0402038965

Professional Associations

Member, Institute of Transportation Engineers, Member, Society for College and University Planning;

Member, Midwest Campus Parking Association (MCPA).

Professional Presentations

"Campuses For All: Integrating Pedestrian and Vehicular Movement on Campus", SCUP North Central 2006 Regional Conference

Representative Experience

CAMPUSES AND MASTER PLANNING

Mr. Schiesel has developed transportation master plans, demand management plans, circulation studies, and parking studies for a number of University, Federal Agency and Hospital campuses, including The Holton-Arms School, the US Capitol House Office Buildings, Washington, DC; Georgetown University, Washington, DC; The George Washington University, Washington DC; The Ohio State University, Columbus, OH; The National Institutes of Health, Bethesda, MD; Indiana University, Bloomington, IN; Indiana University Purdue University Indianapolis, Indianapolis, IN; American University, Washington DC; and Howard University, Washington DC.

MULTI-MODAL ANALYSIS

Mr. Schiesel specializes in considering all modes while planning transportation system, including during the following projects; Nationals Ballpark Bicycle Valet, Washington, DC; DC Bike Master Plan, Washington DC, 10th Street Mobility Plan, Bloomington, IN; and The Ohio State University Crosswalks Study, Columbus, OH



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TRAFFIC IMPACT STUDIES

Mr. Schiesel has conducted numerous traffic impact studies in support of rezoning, subdivision, site plan approvals and EIS applications for large and small residential, commercial, office retail and institutional developments. His work includes experience in Virginia, Maryland, and the District of Columbia.

MIXED-USE DEVELOPMENTS

Mr. Schiesel has provided transportation planning and engineering services for several large urban mixed-use developments, including: The Yards (former South East Federal Center), Washington, DC; CityCenterDC (former Convention Center Site) Washington, DC; Innovation Town Center, Manassas, VA; Parkside Mixed-Use Development, Washington DC; Southwest Waterfront, Washington DC, and Poplar Point, Washington, DC.

ENTERTAINMENT AND EVENT CENTERS

Mr. Schiesel has worked on numerous entertainment sites and event center, including as the lead transportation planner for Nationals Park in Washington DC. Other projects include Memorial Stadium, Bloomington, IN; Turning Stone Casino Resort, Verona, NY; and Meskwaki Casino, Tama, IA.

MEDICAL FACILITIES

Mr. Schiesel has provided transportation planning services for a variety of medical facilities, including The Ohio State University Medical Center in Columbus, OH; Indiana University-Purdue University, Indianapolis/Clarian Medical Center in Indianapolis, IN; Sibley Hospital in Washington, DC; Parkside Health Center in Washington, DC, and the University of Virginia Health Sciences District, Charlottesville, VA.



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