JAWAHAR (JOE) MEHRA, P.E.

President, MCV Associates, Inc.

Education

- State University of New York, Buffalo, M.S. Industrial Engineering/Operations Research, 1972
- Indian Institute of Technology, Bombay, India, B.S. Mechanical Engineering, 1969

Previous Positions

- Callow Associates, Inc., Principal, 1988 - 1990
- Kellerco, Inc., Vice President, 1982 - 1988
- BKI Associates, Inc., Senior Transportation Engineer, 1978 - 1982
- Alan M. Voorhees and Associates, Associate Engineer, 1970 - 1978

Experience

He has over thirty years experience in the areas of traffic engineering and transportation planning. He has managed several traffic engineering/operations studies in the District of Columbia including traffic analysis, impact studies, accident analysis and data collection. He has conducted traffic impact studies in the Washington area for sites ranging from a small residential development to a large mixed use development. He has conducted traffic impact studies for 9 out of the 15 large scale mixed use projects in the Washington area. He has testified before the BZA and the Zoning Commission numerous times.

- **Traffic Analysis**. He has managed several traffic engineering studies in the Washington area including the K Street Busway, the EISF preparation for Logan Circle residential development, BCS 97-29H for District 5, the Georgetown Branch Transitway MIS/DEIS for MTA (traffic forecasts, traffic impact, capacity/levels of service, queue jumper analysis), the Route 28 Corridor in Montgomery County (existing conditions, traffic forecasts, capacity/levels of service, geometric improvements, conceptual plans), Post Office Road Study in Charles County, MD (data collection, capacity/levels of service, traffic forecasts, signal design, pavement marking, signing), Suitland Parkway Study (Prince George's County MD), etc. Some of the traffic impact studies include the Villages of Piscataway Study (1000 acres), The Clinton/Townshend Property (800 acres), Expansion of Clinton Plaza, The Shady grove Life Sciences Center Traffic Study, The Heards Estates Traffic Study in St. Mary's County, College Park TDOZ, Waters Landing Corporate Park in Germantown, Milestone Property in Germantown, MD, etc. He was the Project Manager on two traffic engineering retainers -- with Montgomery County and Prince George's County. These studies include traffic analysis, signal design, data collection, capacity/levels of service, TCPs, etc. Other traffic engineering studies that he has managed include the Route 58 Traffic Engineering Study, Route 123 Corridor study in Fairfax City, TOPICS study for Buffalo, New York; TSM study for East End of Pittsburgh, etc.
- **Traffic Signal Design/Operations**. Most of the studies related to traffic signal design were prepared using VDOT or SHA standards and specifications and include Middlebrook Road, Post Office Road and currently preparing as-built signal plans for twenty intersections in Montgomery County using SHA standards. He has managed the Route 30 corridor study that included the TRANSYT-7F analysis for the signal system study and timing development for 11 signals.
- **Traffic Control Plans**. He has managed the preparation of traffic control plans for 46th Avenue Reconstruction in the Town of Edmonston (MD), TCP for Boyds Road in Calvert County, etc.
- **Traffic Data Collection/Analysis**. He has managed eight contracts to conduct various types of traffic data collection activities including two for the DDOT.

Professional Affiliations

- Fellow, Institute of Transportation Engineers, Chairman, ITE Technical Council Committee 6A35, "Use of Transportation Planning Models to Monitor and Review Growth Impacts"; Member TRB

BZA
Case No. 17226
Exhibit No. 32

Board of Zoning Adjustment
District of Columbia
CASE NO. 17226
EXHIBIT NO. 32