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VIDYA CHICHILLI, MSCE

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OBJECTIVE:

To obtain an entry level position that provides opportunities for challenging work and increased responsibility using my diverse skills in the field of *Traffic / Transportation Engineering and Planning*.

EDUCATION:

Masters in Civil Engineering

Aug 07- May 09

San Jose State University, San Jose, CA

Bachelors in Civil Engineering

Sep 02- Apr 06

Sri Venkateswara University College of Engineering, Tirupathi, India

WORK EXPERIENCE:

VTA, Santa Clara Valley Transportation Authority – San Jose, CA

Nov 08 – May 09

Transportation Engineering Intern (Congestion Management Agency Division)

- Assisting VTA staff to review and comment on Transportation Impact Analyses (TIA) reports using VTA Congestion Management Program's TIA Guidelines.
- Involved in before and after implementation data collection efforts for SR 87 ramp metering implementation project.
- Prepared plans and specifications for installation of GPS antennae on traffic controller cabinets to implement bus signal priority for VTA Bus Rapid Transit (BRT) on SR 82 (El Camino Real) between City of Santa Clara and City of Palo Alto. Prepared encroachment permit forms for this project. Created intersection maps using GIS software, Arcview.
- Involved in data collection efforts for SR 237 and I-880 Express Connectors project.
- Performed traffic forecasting model volumes balancing for the US 101 De La Cruz Boulevard/Trimble Road interchange improvement project.
- Updating GIS ramp metering data set from Caltrans with updated information from City of San Jose.
- Witnessed formal committee meetings at VTA including Policy and Technical Advisory Committee meetings.

HONORS/AWARDS:

- "Most Practical Design" James H.Kell Student Competition award by Institute of Transportation Engineers (ITE), August 2008 Annual Meeting, Anaheim, CA.
- Certificate of appreciation for Student Paper Competition by San Francisco Bay Area Section ITE, April 2008, Berkeley, CA.
- Received certificate of appreciation from JNTU and Osmania University for presenting papers on

Ground Improvement Techniques and Geo-Textile at National Level Technical Symposium in Hyderabad, India.

TECHNICAL SKILLS:

Transportation Tools	Traffix, Synchro, Ever stress (Pavement Software)
Diploma	AutoCAD, ARC GIS
Languages	C, HTML
Operating Systems	Windows 98/2000/XP/Vista
Applications	Microsoft Office (Word, Excel, Power Point, Visio)

COURSE WORK:

<u>Transportation</u>	<u>Construction Management</u>
Transportation Engineering	Construction Operational Analysis
Transportation Engineering Plan	Construction Planning and Management
Traffic Engineering	Construction Estimating and Scheduling
Traffic Signal Design	Estimation, Contracts and Valuation
Traffic Operations	
Highway and Street Design	
Advanced Highway Design	
Rigid and Flexible Pavement	

ACADEMIC PROJECTS:

Intersection Signal Design

- Prepared pavement delineation plans, signing and striping plans, traffic signal plan, conductor, pole and equipment schedule and scope of work.
- Evaluated warrants and calculated storage, deceleration and approach taper lengths, detector setbacks, area of conduit, basic signal timing.

Signal Timing Optimization using Synchro Software

- Conducted intersection projects with optimizing signal timing and evaluating level of service using *Synchro*.

Parking Strategies in San Jose Downtown Area

- Prepared a report on parking management strategies for parking guidance systems, parking revenue control, web based information, security and operations and environmental sustainability.

Evaluation of 2001 and 2030 MTC's Regional Transportation Plan

- Evaluated the difference between MTC's regional plan for year 2001 and 2030 and identified the changes of the objectives, goals, visions, and travel demand pattern in the Bay Area over a period of 30 years.

PROFESSIONAL AFFILIATIONS:

- Institute of Transportation Engineers, Student Member.
- American Society of Civil Engineers, Student Member.

REFERENCES: Available up on request

Terry C. Ratliff

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