

The undersigned hereby declares that: TJKM Transportation Consultants has examined and accepts the specifications, terms, and conditions presented in this Solicitation, satisfies all legal requirements to do business with the County, and to furnish **On-Call, Transportation and Traffic Engineering Services** for which Submittals were advertised to be received no later than 3:00 P.M. Eastern time on the date stated in the solicitation or as noted in an addenda. Furthermore, the undersigned is duly authorized to execute this document and any contracts or other transactions required by award of this Solicitation.

All pricing will be FOB Destination unless otherwise specified in this solicitation document. Pricing submitted will remain valid for a ninety (90) day period.

Vendor will accept payment through the County Credit Card-based payment system: YES

1.0 TERM OF CONTRACT

The Contract will be awarded for an initial one (1) year term with the option for two (2) subsequent two (2) year renewals. Renewals are contingent upon mutual written agreement.

The Contract will commence upon the first day of the next calendar month after Board approval. The Contract remains in effect until completion of the expressed and implied warranty periods. The County reserves the right to negotiate for additional services/items similar in nature not known at time of solicitation.

2.0 METHOD OF PAYMENT

The Contractor must submit an accurate invoice to the County's using department's email. The date of the invoice must be after delivery but no more than 30 calendar days after delivery. Invoices must reference the: purchase or task order; delivery date, delivery location, and corresponding packing slip or delivery ticket signed by a County representative at the time of acceptance. Failure to submit invoices in the prescribed manner will delay payment.

Payments will be tendered in accordance with the Florida Prompt Payment Act, Part VII, Chapter 218, Florida Statutes. The County will remit full payment on all undisputed invoices within 45 days from receipt by the appropriate County using department. The County will pay interest not to exceed 1% per month on all undisputed invoices not paid within 30 days after the due date.

3.0 CERTIFICATION REGARDING LAKE COUNTY TERMS AND CONDITIONS:

I certify that I have reviewed the [General Terms and Conditions for Lake County Florida](#) and accept the Lake County General Terms and Conditions dated 5/6/21 as written including the Proprietary/Confidential Information section. YES Failure to acknowledge may result in Submittal being deemed non-responsive.

4.0 CERTIFICATION REGARDING FELONY CONVICTION:

Has any officer, director, or an executive performing equivalent duties, of the bidding entity been convicted of a felony during the past ten (10) years? NO

5.0 CONFLICT OF INTEREST DISCLOSURE CERTIFICATION:

Except as listed below, no employee, officer, or agent of the firm has any conflicts of interest, real or apparent, due to ownership, other clients, contracts, or interests associated with this project; and, this Submittal is made without prior understanding, agreement, or connection with any

corporation, firm, or person submitting a proposal for the same services, and is in all respects fair and without collusion or fraud. N/A

6.0 CERTIFICATION REGARDING BACKGROUND CHECKS:

Under any County Contract that involves Contractor or subcontractor personnel working in proximity to minors, the Vendor hereby confirms that any personnel so employed will have successfully completed an initial, and subsequent annual, Certified Background Check, completed by the Contractor at no additional cost to the County. The County retains the right to request and review any associated records with or without cause, and to require replacement of any Contractor employee found in violation of this requirement. Contractor shall indemnify the County in full for any adverse act of any such personnel in this regard. Additional requirements may apply in this regard as included within any specific contract award. YES

7.0 DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

The County does not establish specific goals for minority set-asides however, participation by minority and non-minority qualified firms is strongly encouraged. If the firm is a minority firm or has obtained certification by the State of Florida, Office of Supplier Diversity, (OSD) (CMBE), please indicate the appropriate classification(s) not applicable not applicable and enter OSD Certification Number N/A and enter effective date N/A to date N/A

8.0 RECIPROCAL VENDOR PREFERENCE:

Vendors are advised the County has established, under Lake County Code, Chapter 2, Article VII, Sections 2-221 and 2-222; a process under which a local vendor preference program applied by another county may be applied in a reciprocal manner within Lake County. The following information is needed to support application of the Code:

- A. Primary business location of the responding Vendor: 100 S Ashley Drive, Suite 600, Tampa, FL 33602
- B. Does the responding vendor maintain a significant physical location in Lake County at which employees are located and business is regularly transacted: NO If “yes” is checked, provide supporting detail: N/A

9.0 GENERAL VENDOR INFORMATION:

Firm Name: TJKM Transportation Consultants
Street Address: 100 S Ashley Drive, Suite 600
City: Tampa State and ZIP Code: FL, 33602
Mailing Address (if different): 4305 Haciends Drive, Suite 550, Pleasanton, CA 94588
Telephone: (925) 463-0611 Fax: (925) 463-3690
Federal Identification Number / TIN: 94-2239515
DUNS Number: 073940397

10.0 SUBMITTAL SIGNATURE:

I hereby certify the information indicated for this Submittal is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an authorized representative of this Vendor and/or empowered to execute this Submittal on behalf of the Vendor.

I, individually and on behalf of the Vendor, acknowledge and agree to abide by all terms and conditions contained in this solicitation as well as any attachments, exhibits, or addenda.

Name of Legal Representative Submitting this Proposal: [Click or tap here to enter text.](#)

Date: 9/21/2021

Print Name: Nayan Amin

Title: President

Primary E-mail Address: namin@tjkm.com

Secondary E-mail Address: rhenderson@tjkm.com

The individual signing this Submittal affirms that the facts stated herein are true and that the response to this Solicitation has been submitted on behalf of the aforementioned Vendor.

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[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

Detail by Entity Name

Foreign Profit Corporation

T J K M , INC.

Filing Information

Document Number F19000001063

FEI/EIN Number 94-2239515

Date Filed 03/05/2019

State CA

Status ACTIVE

Principal Address

4111 S.W. 135th Avenue

Davie, FL 33330

Changed: 02/08/2021

Mailing Address

4305 HACIENDA DR, STE 550

PLEASANTON, CA 94588

Registered Agent Name & Address

AMIN, NAYAN

4111 S.W. 135th Avenue

Davie, FL 33330

Address Changed: 02/08/2021

Officer/Director Detail

Name & Address

Title P

AMIN, NAYAN

4305 HACIENDA DR, STE 550

PLEASANTON, CA 94588

Title VP

JARIWALA, RUTA

4305 HACIENDA DR, STE 550

PLEASANTON, CA 94588

Annual Reports

Report Year	Filed Date
2020	04/29/2020
2021	02/08/2021

Document Images

02/08/2021 -- ANNUAL REPORT	View image in PDF format
04/29/2020 -- ANNUAL REPORT	View image in PDF format
03/05/2019 -- Foreign Profit	View image in PDF format

Request for Taxpayer Identification Number and Certification

**Give Form to the
requester. Do not
send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. T J K M		
	2 Business name/disregarded entity name, if different from above TJKM TRANSPORTATION CONSULTANTS		
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.		4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
	<input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate		
	<input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.		
	<input type="checkbox"/> Other (see instructions) ▶ _____		
	5 Address (number, street, and apt. or suite no.) See instructions. 4305 HACIENDA DRIVE, SUITE 550		Requester's name and address (optional)
6 City, state, and ZIP code PLEASANTON, CA 94588			
7 List account number(s) here (optional)			

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number													
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Employer identification number													
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9	4	-											
2	2	3	9										
5	1	5											

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶	Date ▶ 8/17/21
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
 - Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
 - Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
 - Form 1099-S (proceeds from real estate transactions)
 - Form 1099-K (merchant card and third party network transactions)
 - Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.



Office of Procurement Services

P.O. Box 7800 • 315 W. Main St., Suite 441 • Tavares, FL 32778

SOLICITATION: On-Call, Transportation and Traffic Engineering Services

08/30/2021

Vendors are responsible for the receipt and acknowledgement of all addenda to a solicitation. Confirm acknowledgement by including an electronically completed copy of this addendum with submittal. Failure to acknowledge each addendum may prevent the submittal from being considered for award.

THIS ADDENDUM DOES NOT CHANGE THE DATE FOR RECEIPT OF PROPOSALS.

QUESTIONS/RESPONSES

Question 1. Will the County be providing topographic survey for task work orders or will the consultant need to provide survey?

Response 1. Survey is typically provided by the County for design projects under this contract as these are much smaller projects.

Question 2. Section 5.0.B. 2. Past Performance requires references / relevant projects completed within the last three (3) years, but the instructions on the Reference Form (Attachment 2) state that references must be less than five years old. Are we allowed to use projects less than five years old, or must they be within three years?

Response 2. The projects must be from within the past five years

Question 3. Section 6.0. E.4. Subcontractors/Joint Ventures section states, “Provide a list of proposed subcontractors or joint venture arrangements that may be used on the project. Provide the same information required in the Pricing Proposal for each sub-vendor or joint venture participant.” Since there is no ‘Pricing Proposal’ to be submitted, can you please specify what information is required for our subconsultants?

Response 3. The information is noted in the REVISED Attachment 3 – Team Composition Form.

ADDITIONAL INFORMATION

Remove and replace Attachment 3 – Team Composition Form with the REVISED Attachment 3 – Team Composition Form.

ACKNOWLEDGEMENT

Firm Name: TJKM Transportation Consultants

I hereby certify that my electronic signature has the same legal effect as if made under oath; that I am an authorized representative of this vendor and/or empowered to execute this submittal on behalf of the vendor.

ADDENDUM NO. 1

21-0940

Signature of Legal Representative Submitting this Bid: *Nayan Amin*

Date: 9/1/2021

Print Name: Nayan Amin

Title: President

Primary E-mail Address: namin@tjkm.com

Secondary E-mail Address: rhenderson@tjkm.com



REAL FLORIDA • REAL CLOSE
Office of Procurement Services

P.O. Box 7800 • 315 W. Main St., Suite 441 • Tavares, FL 32778

SOLICITATION: On-Call Transportation and Traffic Engineering Services

09/14/2021

Vendors are responsible for the receipt and acknowledgement of all addenda to a solicitation. Confirm acknowledgement by including an electronically completed copy of this addendum with submittal. Failure to acknowledge each addendum may prevent the submittal from being considered for award.

THIS ADDENDUM DOES NOT CHANGE THE DATE FOR RECEIPT OF PROPOSALS.

QUESTIONS/RESPONSES

Q1. In reference to PDF page 5 (in the Solicitation) under item #4 Subcontractors/joint ventures - Could you clarify what is meant by the sentence? “Provide the same information in the pricing proposal for each sub-vendor or joint vendor participant.”

R1. There is no pricing component for this solicitation at this time. Please list any and subcontractors on Attachment 3 – Team Composition Form

Q2. Under the Lake County General Terms and Conditions for the On-Call Transportation and Traffic Engineering Services RSQ No. 21-0940, it appears the “Warranty” terms do not apply to engineering type services and the “Indemnification” provision does not comply with Florida Statutes 725.08. Would the County be open to discussion of modifications to these provisions? At the County’s convenience, and if necessary, we would be available to discuss these sections in more depth.

R2. The County will ensure that all indemnification language requirements are in accordance with Florida Statutes upon award of a contract.

ACKNOWLEDGEMENT

Firm Name: Nayan Amin

I hereby certify that my electronic signature has the same legal effect as if made under oath; that I am an authorized representative of this vendor and/or empowered to execute this submittal on behalf of the vendor.

Signature of Legal Representative Submitting this Bid: *Nayan Amin*

Date: 9/21/2021

Print Name: Nayan Amin

Title: President

Primary E-mail Address: namin@tjkm.com

Secondary E-mail Address: rhenderson@tjkm.com



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/30/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Dealey, Renton & Associates 3697 Mt. Diablo Blvd, Suite 230 Lafayette CA 94549	CONTACT NAME: Doris A. Chambers	
	PHONE (A/C. No. Ext): 510-465-3090	FAX (A/C. No.): 510-452-2193
E-MAIL ADDRESS: dchambers@dealeyrenton.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Travelers Property Casualty Company of America		25674
INSURER B: Travelers Casualty and Surety Co of America		31194
INSURER C: The Travelers Indemnity Company of Connecticut		25682
INSURER D:		
INSURER E:		
INSURER F:		

INSURED TJKMTRANS
 T J K M, Inc.
 1000 N. Ashley Drive, Suite 925
 Tampa FL 33602

COVERAGES

CERTIFICATE NUMBER: 501152208

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:	Y	Y	6800J039683	4/1/2021	4/1/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
C	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	BA5R185660	4/1/2021	4/1/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	Y	Y	CUP0D451898	4/1/2021	4/1/2022	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	UB0K938923	4/1/2021	4/1/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Professional Liability		Y	106898029	4/1/2021	4/1/2022	\$4,000,000 per Claim \$4,000,000 Annl Aggr.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 TJKM's Professional Liability policy with Travelers includes Pollution Liability coverage.

CERTIFICATE HOLDER

CANCELLATION 30 Day NOC/10 Day for NonPay of Prem

*****SPECIMEN CERTIFICATE*****

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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AREAS OF EXPERTISE

- Transportation Planning
- Traffic Impact Studies
- Transportation Management Plans
- Traffic Operations
- Transit Priority
- Freeway & Arterial Management Studies

YEARS OF EXPERIENCE

31

REGISTRATIONS & CERTIFICATIONS

CA TR 2290 (Traffic)

PROFESSIONAL HISTORY

TJKM	2012–Present
URS	2004 – 2012
Bucher, Willis & Ratliff	2001 – 2003
TJKM	1996 – 2000
VK Patel	1990 – 1994

EDUCATION

M.S., Civil Engineering, San Jose State University, San Jose, CA
 B.S., Civil Engineering, Saurashtra University, Rajkot, Gujarat, India

Mr. Amin has 31 years of both public and private sector experience in the areas of transportation planning, traffic impact studies, transportation management plans, construction scheduling, construction area signs, signing and striping, traffic signal coordination, traffic operations, transit priority, traffic signal systems, freeway and arterial management studies, and intelligent transportation systems planning, design and construction oversight. He specializes in macro and microscopic model development and application for analysis of impacts across all modes of transportation. His projects range from traffic studies for developments, specific plans, general plans, corridor studies, and area-wide studies to long-term planning studies. Studies also include multimodal operations, light-rail, bus rapid transit, pedestrian, bicyclists and traffic safety and operations.

Nayan Amin, TE

PRESIDENT

Project Role: Principal-In-Charge

Project Experience

On-Call Traffic/Transportation Engineering Services

- Cities of Walnut Creek, San Luis Obispo, Palo Alto, Belmont, Redwood City, San Bruno, Tracy, Fresno, Orinda, San Carlos, Brentwood, Dublin, Santa Clara, and Sunnyvale
- Counties of San Joaquin, Santa Clara, and Fresno
- SNABM On-Call Land-Use, Transportation, & Socioeconomic Modeling & Forecasting Services, Solano & Napa Counties
- Caltrans Statewide Modeling On-Call

Bicycle & Pedestrian/Safe Routes to School

- Homestead Road at Homestead High School Pedestrian & Bicycle Improvements, Sunnyvale
- Leigh High School Safety Analysis, San Jose
- Bike Lane Gap Closure Level of Effort (On-Call Task Order 1), South San Francisco
- Pedestrian & Bicyclist Safety & Connectivity Study, Dinuba

Congestion Management Programs & Traffic Monitoring Studies

- 2020-2021 TAM System Monitoring & CMP Update, Marin County

- 2018-2019 TAM System Monitoring & CMP Update, Marin County
- Congestion Management Plan Update, Solano County
- 2016-2017 TAM System Monitoring & CMP Update, Marin County

Corridor Studies/Complete Streets

- Intersection Improvements at Grant Road & Phyllis Avenue/Martens Avenue, Mountain View
- Bascom Corridor Complete Streets Study, Santa Clara County
- Eureka North-South Multimodal Corridor Study, Eureka
- Hollister Avenue Complete Streets Study, Goleta

Traffic Signal Designs

- HSIP Traffic Signal Improvement Project, Pittsburg
- HSIP Various Signalized Intersection Safety Improvements Project, Citrus Heights
- HSIP Citywide Traffic Signal Hardware Upgrade, Concord
- Traffic Signal Update Project HSIP, Manteca

Traffic Operations

- Safe Routes to School Project, Dixon
- Livorna/Wilson Road Traffic Operations Study, Danville



- Pitt School Road Traffic Operations Study, Dixon
- Traffic Calming Study at Mineta San Jose International Airport, San Jose

Traffic Control Device Inventory & GIS Inventory Projects

- Regulatory & Warning Sign Retroreflectivity Survey & Inventory, Eureka
- Retroreflectivity Sign Project, Manteca
- Road Safety Sign Audit, Wasco
- City Sign Condition Evaluation & Reporting, Morgan Hill

Traffic Impact Studies/EIRs

- Traffic Study for Hotel Development at 701 Third Street, San Francisco
- 2670 Geary Boulevard Transportation Impact Study, San Francisco
- Traffic Impact Study for Proposed Mixed-Use Development at 900-954 North First Street, San Jose
- Peer Review of Safeway Fuel Center Traffic Impact Analysis, Pleasant Hill

Signal Coordination

- Dinuba Signal Synchronization Project, Dinuba
- Treat Boulevard Signal Coordination, Concord
- University Avenue & Donohoe Street Signal Coordination, East Palo Alto
- Signal Coordination Timing & Optimization, Sunnyvale

Traffic Impact Fee (AB 1600) Studies

- Traffic Impact Fee Study 2018 Update, Windsor
- Greater Eureka Traffic Impact Fee Study, Humboldt County
- Transportation Impact Fee Study, Visalia
- Regional Transportation Impact Fee Update, Merced County

Transit

- Tulare CAG Long Range Transit Plan, Tulare County

- County Connection Transit Access Improvement Project, Contra Costa County
- Bus Stop Improvement Plan, San Benito County

Plans, Specifications & Estimates

- US 101 HOV Lane Widening Project (Segment A), Sonoma County
- US 101 HOV Lane Widening Project (Segment B), Sonoma County
- US 101 HOV Lane Widening Project (Segment B2), Sonoma County
- I-680 Southbound Express Lane Project, Alameda County

Freeway Operations

- State Route-91 Transmodeler Microsimulation Model Toll Operations Upgrade, Orange County
- Mountain House Parkway at I-205 Project Study Report, San Joaquin County
- I-580/Mountain House Parkway Project Study Report, San Joaquin County

Speed Zone Studies

- Engineering & Traffic Surveys for Speed Zones, Palm Desert
- 2014 Speed Zone Studies, Antioch
- Santa Clara Valley Transportation Authority Light Rail System Analysis, Santa Clara County

Transportation Planning

- ConnectMenlo General Plan & Facebook Campus Planning, Menlo Park
- General Plan Update 2016, Humboldt County
- AIM Parking & Traffic Circulation Study, Marin County
- Seaside 2040 General Plan & Environmental Impact Report, Seaside

Traffic Calming

- Neighborhood Traffic Calming Program, Millbrae
- Neighborhood Traffic Calming Program & Complete Streets Policy, Dinuba

- Traffic Calming in the Lyon-Hoag Neighborhood & Vicinity, Burlingame
- Stanford Neighborhood Streets Enhancement Project, Redwood City

Intelligent Transportation Systems

- AC Transit Line 97 South County Corridors Transit Performance Initiative Project Adaptive Traffic Control System
- NGAOP SCC Bluetooth/Wi-Fi Readers Design, Santa Clara County
- Webster Street SMART Corridor Project, Alameda County
- Preliminary Engineering & Environmental Services for the Port of Oakland CIP Projects, Oakland

Parking Studies

- Updated Parking Regulations, Grover Beach
- Jackson-Webster Parking Study, Fairfield
- Downtown Parking Study, Clovis
- Downtown Parking & Circulation Study, Avila Beach

Safety Studies

- Citywide Intersection Safety Study, San Bruno
- Crow Canyon Road Safety Study, Alameda County
- Patterson Pass Road Safety Study, Alameda County

Systemic Safety Analysis Report Program

- San Luis Obispo County
- City of Folsom
- Culver City
- Yuba County
- City of Pittsburg
- County of Del Norte
- City of Dinuba

Travel Demand Modeling

- NCTC/Grass Valley Travel Demand Forecasting Model
- 2016 Travel Model Update, San Joaquin, Stanislaus, Merced Counties
- Travel Demand Model 2018 Update, Sonoma County



Mr. Henderson has expertise in the planning, policy, design and management of transportation projects acquired over a 40-year career throughout the U.S. He provides expertise in multimodal, complete streets, corridor studies, environmental, project development, and transformational projects. He served as an instructor for university courses and has contributed to design manuals in intersection design. He has led more than 60 workshops in 26 states for the National Complete Streets Coalition. His work contributed to several clients being recognized with awards by the American Planning Association and the Institute of Transportation Engineers. He did a start-up and initially staffed a business improvement district on Hillsborough Street in Raleigh.

Roger Henderson, PE, AICP

DIRECTOR OF MULTIMODAL & COMPLETE STREETS

Project Role: Project Manager

AREAS OF EXPERTISE

- Client Service
- Project Leadership
- Multimodal Studies & Design
- Complete Streets

YEARS OF EXPERIENCE

40

REGISTRATIONS & CERTIFICATIONS

AICP (American Institute of Certified Planners) No. 015134
 SC PE 34868 (Civil)
 NC PE 022244 (Civil)
 VA PE 0402058542 (Civil)
 FL PE 90991 (Civil)

PROFESSIONAL HISTORY

TJKM	2021-Present
Other Firms	1995-2020
Alameda County CMA	1993-1995
TJKM	1983-1993
Jack Leish & Associates	1980-1983

EDUCATION

M.S., Transportation, University of California, Berkeley, CA
 B.S., Civil Engineering, Purdue University, W. Lafayette, IN

Project Experience

Adequate Public Facilities Ordinances

- Adequate Public Facilities Fee Study, Cary, NC
- Traffic Impact Fee Study, Pleasanton, CA

Area Plans & Multimodal Studies (63 plans in 7 states)

- Land Use & Transportation Plan, Zebulon, NC
- Southwest Area Study, Wake County, NC
- Community Transportation Plan, Mebane, NC
- Eastern Band Cherokee Nation LRTP, Cherokee, NC
- Regional Collector Street Plan, Rock Hill, SC
- Downtown Master Plan, Wilkesboro, NC

Citywide/Regional Bike Plans

- Bicycle & Pedestrian Plan, Enfield, NC
- Low-stress Bicycle Network Plan, Southwest Wake County, NC
- Bicycle Element of CTP, Cherokee Nation, NC
- Hike & Bike Plan, Arlington, TX
- Bike Plan, Southern Pines, NC

Board of Directors Experience

- Consulting firm operating in NC, SC & VA
- Non-profit organization BikeWalk, NC

- Staff serving Hillsborough Street Community Service Corp.
- Non-Profit Organization Communities in Schools of Wake County, NC
- Staff Serving CMA Policy Board, Alameda County, CA
- ITE San Francisco Bay Area Section Officer, San Francisco, CA

Bus Service Studies

- PACE Suburban Chicago Bus Service Plan, IL
- NC State University Wolfline Transit Center Design, NC
- Hub Inventory, Alameda County, CA
- Transbay Transit Terminal & bus Access Charrette, San Francisco, CA
- Park & Ride Lot Site Selection, Danville, NC

Business Improvement Districts

- Hillsborough Street Community Service District, Raleigh, NC

Campus Plans (Universities)

- University of North Carolina Hospital District, Chapel Hill, NC
- University of North Carolina Campus Master Plan, Chapel Hill, NC

Complete Streets Studies & Design

Congestion Management Programs

- Alameda County CMP, Alameda County, CA



Congestion Pricing Studies

- San Francisco-Oakland Bay Bridge, San Francisco, CA

Corridor Management Plan

- Corridor Access Management Plan, Raleigh to Morehead City, NC
- I-880 Corridor Management Plan, Alameda County, CA

Design Manual & Guidelines

- Site Design Guidelines for Multimodal Access, Cary, NC
- ITE / CNU Recommended Practice for Designing Walkable Major Thoroughfares, 2007
- Congestion Management Planning Primer, 1995
- ITE Manual of Transportation Engineering Studies, 1991
- ITE Recommended Practice Traffic Access & Impact Studies, 1988

Fee Studies

- Facility Fee Study, Raleigh, NC
- Adequate Public Facilities Fee Study, Cary, NC
- Traffic Impact Fee Study, Vallejo, CA
- Traffic Impact Fee Study, Fremont, CA
- Traffic Impact Fee Study, Pleasanton, CA

Gateway Studies & Design

- Gateway Design At Entrance To Community, Cary, NC
- Gateway Policy, Alameda County, CA

Greenway Studies

- Route Selection for East Coast Greenway, Charleston, SC
- Greenway Crossing Design Concept Report, Boone, NC

Interchange Studies & Design

- Interchange Justification Study, Jacksonville, NC
- Interchange Justification Study, Cary, NC
- Interchange Justification Studies, Pleasanton, CA

NEPA Studies

- CE document for I-5504 Interchange Modification, Asheville, NC

- Hatteras Inlet Dredging for Ferry Service, 2016, NC
- CE document for I-5712 Interchange Modification, Greensboro, NC
- CE document for U-5716 Intersection to Interchange, Jacksonville, NC
- EA/FONSI for U-2826, US 52 Interchange Removal, Winston-Salem, NC

Pedestrian Studies

- Bicycle & Pedestrian Plan, Enfield, NC
- Pedestrian Element of CTP, Cherokee Nation, Eastern NC
- Hike & Bike Plan, Arlington, TX
- Pedestrian Plan, Kill Devil Hills, NC
- Pedestrian Plan, Edenton, NC
- Pedestrian Plan, Morehead City, NC
- Pedestrian Element of CTP, Decatur, GA
- Pedestrian Element of CTP, Fuquay-Varina, NC
- MPO LRTP Pedestrian Element, Charleston, SC
- Pedestrian Element of CTP, Morrisville, NC

Policy Committees or Studies

- Congestion Management Agency, Alameda County, CA
- Congestion Management Program Update, Alameda County, CA
- Long-range Transportation Plan updates, NC, SC, VA & TN
- Citywide Transportation Plan update, CA, NC, SC, VA, GA, OH, & IN
- Prioritization of Projects for, Garner, NC
- Parking Cash-Out Demonstration Project, San Francisco Bay Area, CA

Public Engagement Campaigns

- Southwest Area Study, Wake County, NC
- Community Transportation Plan, Mebane, NC
- Downtown Master Plan, Wilkesboro, NC
- Community Transportation Plan Update, Wake Forest, NC
- Community Transportation Plan Update, Cary, NC

Signal Design

- Coxe Avenue / Asheville Transit Center, 1999

Signing & Striping Plans/Pavement Marking Plans

- W. Franklin Street Lane Reallocation Plan, Chapel Hill, NC
- Turnpike Signing Plan for Illinois NW Tollway, Chicago, IL

Special Places

- Franklin Street Lane Reallocation Study, Chapel Hill, NC
- Downtown Streetscape Master Plan, Wake Forest, NC
- Hillsborough Street Redesign & Streetscape, Raleigh, NC
- Pedestrian Plan, Edenton, NC
- Pedestrian Plan, Kill Devil Hills, NC
- Pedestrian Plan, Morehead City, NC
- Community Transportation Plan, Decatur, GA
- Downtown Transportation Plan, Asheville, NC

Streetscape Master Plans & Design

- Franklin Street Lane Reallocation Study, Chapel Hill, NC
- Downtown Streetscape Master Plan, Wake Forest, NC
- Hillsborough Street Redesign & Streetscape, Raleigh, NC
- Downtown Streetscape Master Plan, Cary, NC
- Downtown Streetscape Master Plan, Durham, NC
- Boundary Street Redesign And Streetscape, Beaufort, SC

Technology

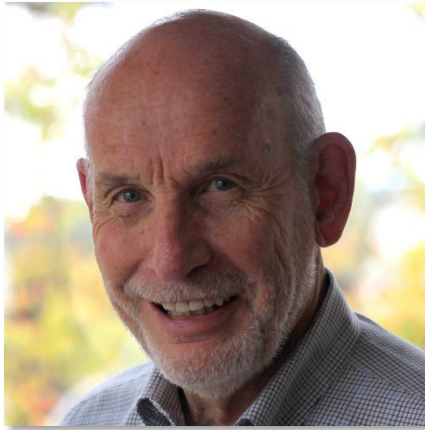
- Work From Home Demonstration Study, Alameda County, CA

Toll Road Studies

- NC 540 / NC Turnpike, Cary, NC

Traffic Calming & Neighborhood Improvement Studies

- North Garner Neighborhood, Garner, NC
- Community Transportation Plan, Decatur, GA
- Downtown Near-Neighborhood, Clayton, CA
- "Bury the Wires / Tame the Traffic", Waterford, VA
- Citywide Traffic Calming Policy & Demonstration Projects, Raleigh, NC



Mr. Kinzel is the Vice President of TJKM and has 61 years of experience in nearly all aspects of traffic engineering and planning. He has managed and performed hundreds of traffic studies over the years. A former municipal engineer, much of his career today is focused on working with city and county traffic engineers to determine the most effective strategies for reducing traffic congestion. He has also worked with many California developers and homebuilders, performing development studies and presenting study results.

Mr. Kinzel has made presentations at hundreds of city council/planning commission/public meetings to present traffic study recommendations, and has taught traffic-engineering courses for the University of California and the University of Santa Clara. He wrote the "Traffic Studies" chapter of the Traffic Engineering Handbook, published by Prentice-Hall, and he assisted ITE with updating their Parking Generation Manual that is now in circulation. Mr. Kinzel also conducted a peer review of the 7th, 8th, and 9th Editions of the ITE Trip Generation Manual.

AREAS OF EXPERTISE

- Municipal Traffic Engineering
- Freeway Operations
- Arterial System Planning
- Circulation Studies
- Traffic Impact Studies
- General/Specific Plans
- Parking Studies
- Corridor Studies
- Expert Witness Testimony
- Transportation Planning
- Geometric Design
- Safety Studies

YEARS OF EXPERIENCE

61

REGISTRATIONS & CERTIFICATIONS

CA TR0023 (Traffic)
CA C15347 (Civil)

PROFESSIONAL HISTORY

TJKM	1974 - Present
Lampman & Associates	1971 - 1974
City of Hayward	1966 - 1971
County of Fresno	1960 - 1965

EDUCATION

M.S., Transportation Engineering,
University of California, Berkeley,
Berkeley, CA
B.S., Civil Engineering, California State
University, Fresno, Fresno, CA

Chris Kinzel, PE, TE

VICE PRESIDENT

Project Role: Traffic Impact Analysis & Fees Task Lead

Project Experience

On-Call Traffic/Transportation Engineering Services

- Cities of Walnut Creek, Grass Valley, Orinda, San Carlos, Redwood City, Tracy, Hills, Dublin Ranch, Dublin, Patterson, Palo Alto, El Cerrito
- Town of Los Gatos
- Mountain House Community Services District

Corridor Studies

- Eureka North-South Multimodal Corridor Study, Eureka
- Citywide Multimodal Improvement Study, Hayward
- Citywide Multimodal Improvement Plan, Mountain View
- Sandia National Laboratories/CA Traffic Safety Study, Livermore
- Charleston-Arastradero Corridor Project, Palo Alto
- Webster Street SMART Corridor, Alameda County
- South County Corridor Study, Stanislaus County

Pedestrian & Bicycle

- Pedestrian & Bicyclist Safety & Connectivity Study, Dinuba

Traffic Impact Studies

- Quay Valley Traffic Studies, Kings County
- Proposed Dialysis Center, Alameda County
- 2747 & 3045 Park Boulevard Traffic Impact Study, Palo Alto
- Mosque Traffic Study, Hayward
- Hotel on Constitution Drive Traffic Impact Study, Livermore
- Aptos Village Traffic Study Update, Santa Cruz County

Large-Scale Development Projects

- TDM Plan for the Terraces at San Joaquin Gardens Senior Residential Development, Fresno
- Transportation Demand Management Plan for the Paragon Retail Outlets, Livermore
- Mountain House Advanced Traffic Management System, San Joaquin County
- Crow Canyon Road, Alameda County
- Patterson Pass Road Project Study Report, Alameda County

Parking Studies

- Updated Parking Regulations, Grover Beach
- Jackson-Webster Parking Study, Fairfield
- Downtown Parking Study, Clovis



- Downtown Parking & Circulation Study, Avila Beach
- Downtown Parking Management Plan, Brentwood
- Turlock Downtown Parking Plan, Turlock
- Downtown & Neighborhoods Parking Study, Orinda
- Downtown Parking Utilization Study, Danville

General Plan Projects

- City of Menlo Park
- General Plan Update 2016, Humboldt County
- Seaside 2040 General Plan & Environmental Impact Report, Seaside
- City of Patterson
- City of Soledad
- City of Half Moon Bay Circulation Element
- City of Pleasant Hill Circulation Element
- City of Dublin General Plan Update EIR
- East Dublin Specific Plan Update
- City of Pleasanton

Circulation Studies

- Charleston-Arastradero Corridor Improvements, Palo Alto
- River Islands Residential Development, Lathrop
- Downtown Revitalization Plan, Pleasanton
- Main Street Corridor Improvements, Manteca

Traffic Impact Fee (AB 1600) Studies

- Traffic Impact Fee Study 2018 Update, Windsor
- Regional Transportation Impact Fee Update, Merced County
- Greater Eureka Traffic Impact Fee, Humboldt County
- Office Traffic Impact Fee Review, Contra Costa County
- City of Visalia
- City of Pleasanton
- Transportation Infrastructure Master Plan & Traffic Fee, Patterson

Freeway Operations

- Mountain House Parkway at I-205 Project Study Report, San Joaquin County
- I-580 HOV Lane Traffic Forecasting & Operations Report, Alameda County
- Altamont Pass Corridor Study, Livermore, Tracy & San Joaquin County
- I-680 Traffic Operations Study, Contra Costa, Alameda & Santa Clara Counties
- Alameda County Congestion Management Agency, Alameda County

Transportation Modeling

- Three County Model Base Year Update, Stanislaus, San Joaquin & Merced Counties
- Citywide Traffic Model, Oakley
- Tuolumne County Circulation System Model, Transportation Improvement Program, & Funding Strategy, Tuolumne County

Traffic Control Device Inventory

- Regulatory & Warning Sign Retroreflectivity Survey & Inventory, Eureka
- Road Safety Sign Audit, Wasco
- Retroreflectivity Sign Project, Manteca
- Alameda County TCDI & Sign Retroreflectivity, Alameda County
- Palo Alto GIS Based TCDI & Sign Retroreflectivity, Palo Alto
- City of Lakeport
- City of Hillsborough

Signal Coordination

- Metropolitan Transportation Commission (MTC) Program for Arterial Signal Synchronization (PASS), San Francisco Bay Area
- Stoneridge/Santa Rita Improvements, Pleasanton
- MTC Regional Signal Timing Program, San Francisco Bay Area

Congestion Management Programs & Traffic Monitoring Studies

- San Joaquin County Congestion Management Program (CMP) Update, 2013-2014 & 2007

- 2014-15 CMP Monitoring and Update efforts for Transportation Authority of Marin (TAM) in Marin County
- 2013 CMP Update for Transportation Authority of Marin
- Measure J Traffic Congestion Relief Agency (TRAFFIX) 2015 Traffic Monitoring Analysis – Danville, San Ramon & Contra Costa County
- Measure J Traffic Congestion Relief Agency (TRAFFIX) 2011 Traffic Monitoring Analysis – Danville, San Ramon & Contra Costa County

Speed Zone Studies

- Engineering & Traffic Surveys for Speed Zones, Palm Desert
- 2014 Speed Zone Studies, Antioch
- Citywide Engineering Radar Speed Surveys, Cupertino, El Cerrito, Mountain House, & Palo Alto

Engineering & Traffic Surveys

- City of San Bruno
- Town of Danville
- City of Hollister
- City of Rio Vista
- City of Menlo Park
- City of Cupertino
- City of Pleasant Hill
- City of Newark

Safety Studies

- Rossmoor Pedestrian Safety Evaluation, Walnut Creek
- No Passing Zone Study, Fresno County
- Digital/GIS Crash Analysis Database, Alameda County, El Cerrito, Mountain House, Palo Alto, Patterson, San Joaquin County, Tracy, & Union City
- Sight Distance Review for New Development, San Joaquin County

Transit Studies

- Bus Stop Improvement Plan, San Benito County

Traffic Calming

- Neighborhood Traffic Calming Program & Complete Streets Policy, Dinuba



Mr. Saxena brings an unparalleled record serving national and international clients in their infrastructure design and transportation technology needs. Mr. Saxena directs software and system engineering activities for TJKM's traffic, freeway, and intelligent transportation systems (ITS) projects. His experience includes program management involving all phases of ITS, freeway, and traffic control systems, including planning, design, specifications, implementation, and construction. He is a specialist in the design and integration of system hardware and software. Mr. Saxena has 41 years of experience managing numerous computerized control system projects throughout the United States and abroad, through the phases of feasibility, planning, design, construction, and implementation. He has held numerous lead roles in professional organizations and led the team that developed the U.S. Congress mandated first National ITS Program Plan. Mr. Saxena has a master's degrees in Physics and in management Science/Information Systems.

AREAS OF EXPERTISE

- Intelligent Transportation Design
- ITS Planning
- Traffic Control Systems
- System Hardware & Software Design & Integration

YEARS OF EXPERIENCE

41

REGISTRATIONS & CERTIFICATIONS

Certified Computer Professional
940075

PROFESSIONAL HISTORY

TJKM	2020-Present
Kimley-Horn	1993-2019

EDUCATION

M.S., (Management) University of Miami, FL
 M.S., (Physics), University of Delhi, India
 B.S., (Physics), University of Delhi, India

Kamlesh Saxena, CCP

DIRECTOR OF CORPORATE AFFAIRS

Project Role: QA/QC

Project Experience

Relevant Experience

- Mountain House Communications Master Plan, San Joaquin County
- HSIP Citywide Traffic Signal Hardware Upgrade, Concord
- HSIP Traffic Signal Improvement Project, Pittsburg
- Illinois State Tollway Authority ITS Consulting, IL
- Port Authority of New York & New Jersey; La Guardia Airport Redevelopment, NY
- Electronics & Security Systems Consulting Services, Palm Beach County, FL
- ADOT Freeway Management System/AZTech Model Deployment Initiative, Phoenix, AZ
- Broward County Transit Signal Priority (TSP) Implementation, FDOT District Four, FL
- Center City Signal Improvement Project (KITS), Philadelphia, PA
- Florida Statewide ITS Communication Protocol Study, FDOT Central Office, Statewide, FL
- Fort Lauderdale Executive Airport (FXE) General Engineering Consultant, Fort Lauderdale, FL
- HART Bus Rapid Transit (BRT) North-South MetroRapid
- Preliminary & Final Design Services, Tampa, FL
- Honolulu Traffic Control System, Honolulu, HI
- I-95 Golden Glades Interchange ITS Technology Evaluation, FDOT District Six, Miami, FL
- I-95 SunGuide Final Design, FDOT District Six, Miami-Dade County, FL
- ITS Needs Definition for All FDOT Districts, Statewide, FL
- Jacksonville I-95 ITS Design-Build Criteria, FDOT District Two, Jacksonville, FL
- Jacksonville ITS Early Deployment Study, FDOT District Two, Jacksonville, FL
- JFK Airport INTMAC System Integration Master Plan (1993), New York, NY
- Palm Beach County Traffic Management Center (KITS Palm Beach County), FL
- KITS Advanced Traffic Management System, Dallas, TX
- Miami-Dade County Advanced Traffic Management System (ATMS) Project, Miami-Dade County, FL
- Miami-Dade Bus Rapid Transit (BRT)/Transit Signal Priority (TSP) Concept of Systems Operations Plan, Miami-Dade County, FL
- Miami-Dade County Bus Rapid Transit (BRT)/Transit Signal Priority



- (TSP) Concept of Systems Operations Plan, FL
- New Orleans CBD Signal System Upgrade, New Orleans, LA
- Metrolina Regional Transportation Management Center (formerly CARAT), North Carolina DOT, Charlotte, NC
- Jamaica Station Simulations & Traffic Impact Analysis, Port Authority of New York & New Jersey, New York, NY
- Airport Rail Access Program, Port Authority of New York & New Jersey, New York, NY
- Port of Miami Command & Control Center Design & Integration, FL
- Regional Computerized Traffic Signal System, Houston, TX
- Reversible Lane Control System (RLCS) (along the perimeter of Dolphin Stadium), Miami-Dade County, FL
- Signal System Feasibility Study, FDOT District Four, Martin & St. Lucie Counties, FL
- Statewide Intelligent Transportation System (ITS) Architecture & Standards Development, FDOT Central Office, Statewide, FL
- Tallahassee Advanced Traffic Management System (TATMS), FL
- Tallahassee Regional Transportation Management Center (RTMC), Freeway Management System (FMS), & Telecommunications Infrastructure (TI) Program Manager, Tallahassee, FL
- US 441 (SR 7) Prospect Road "Breeze" Bus Queue Jumper, Fort Lauderdale, FL
- I-4 Surveillance and Motorist Information System, Orlando, FL
- Electro-optic Communications Based Signal System, Atlanta, GA

Individual Experience

- San Diego Traffic Control System, San Diego, CA
- Chicago CBD Standardized Communications Protocol, IL
- Traffic Control System Design, Implementation, and Construction Engineering Inspection Support, Broward County, FL
- Traffic Control System-Miami-Dade County, FL



AREAS OF EXPERTISE

- Intelligent Transportation Design
- ITS Planning
- Traffic Signal Designs
- Traffic Operational Analysis
- Bicycle & Pedestrian Studies
- Parking Studies

YEARS OF EXPERIENCE

31

REGISTRATIONS & CERTIFICATIONS

CA TR 2321 (Traffic)
 TX CE 83987 (Civil)
 FL CE 89838 (Civil)
 Professional Traffic Operations
 Engineer 1640

PROFESSIONAL HISTORY

TJKM	2012-Present
City of Menlo Park	2010-2012
DKS	1999-2010
PBQ&D	1998-1999
City of Coppell	1994-1998
City of Dallas	1992-1994
TX Transportation Institute	1990-1991

EDUCATION

M.B.A., Technical Management,
 University of Phoenix, Northern
 California Campus, CA
 B.S., Civil Engineering, Texas A&M
 University, College Station, TX

Mr. Patel has 31 years of traffic engineering and transportation planning experience, and has worked in both the public and private sectors. Prior to joining TJKM, he served as the City of Menlo Park’s Traffic Engineer where he co-developed the City’s signal design and equipment standards. Mr. Patel has designed several traffic signal installations and modifications involving Caltrans and obtained encroachment permits for these client. Some of these projects have included installation of traffic signal interconnect conduit and cable to the adjacent signals, installation of curb ramps that comply with the Americans with Disabilities Act (ADA), video detection systems, video surveillance systems, emergency vehicle pre-emption, fiber optic communication hubs. He has also completed railroad signal pre-emption for the adjacent Union Pacific Railroad, signing and striping at the intersection as well as along the arterial, and construction assistance after the design was completed.

Mr. Patel has developed bus rapid transit projects involving design and construction of transit signal priority hardware at existing traffic signal locations in Oakland and Stockton. Some of the other ITS projects he has managed have included strategic plan development, Concept of Operations, multi-jurisdictional systems integration, and technical specifications development.

Atul Patel, PE, TE, PTOE

DIRECTOR OF ITS & DESIGN

Project Role: Deputy Project Manager

Project Experience

On-Call Traffic/Transportation Engineering Services

- County of Merced
- Cities of Walnut Creek, Sunnyvale, Oakland, Albany, Palo Alto, Redwood City, Saratoga, Belmont, and Pittsburg

Traffic Signal Designs

- Pittsburg Stoneman Intersection Improvements, Pittsburg
- HSIP Traffic Signal Improvement Project, Pittsburg
- HSIP Various Signalized Intersection Safety Improvements Project, Citrus Heights
- HSIP Citywide Traffic Signal Hardware Upgrade, Concord
- Barstow Avenue & Palm Avenue Traffic Signal, Fresno
- Traffic Signal System Update Project HSIP, Manteca

Intelligent Transportation Systems

- NGAOP SCC Bluetooth/WiFi Readers Design PS&E, Santa Clara County

- SR 237 Phase 2 Express Lanes Electronic Toll System Integrator Project, Santa Clara County
- BAIFA Toll System Integration, San Francisco Bay Area
- ITS & Signal Synchronization, Visalia
- Webster Street SMART Corridor, Alameda County
- San Jose International Airport ATMS, San Jose
- Silicon Valley ITS Program Concept of Operations Report, San Jose
- City of Milpitas Fiber Optic Design, Milpitas

Adaptive Signal System

- AC Transit San Pablo Avenue Rapid Corridors, Alameda County
- AC Transit Line 97 South County Corridors Transit Performance Initiative Project Adaptive Traffic Control System, Union City
- Ygnacio Valley Road Adaptive Signal System, Walnut Creek
- Bollinger Canyon & Crow Canyon Traffic Adaptive Signal System Implementation, San Ramon



- Shoreline Boulevard Traffic Adaptive Signal System, Mountain View
- SR 238 Corridor Improvements, Hayward
- Grant Application for Traffic Adaptive Signal System, Monterey
- Grant Application for Traffic Adaptive Signal System, Santa Cruz
- Adaptive Signal Control, Cupertino

Street Lighting Design

- In-Roadway Lighting, Sebastopol
- Signal Modifications along Bailey Road from SR 4 to West Leland, Pittsburg
- Main Street Streetscape, Milpitas
- Telegraph Avenue Streetscape, Oakland
- Auto Mall Circle, Fairfield
- Diablo Valley College Transit Center, Pleasant Hill

Construction Zone Traffic Control

- Cities of Fremont, Hayward, Alameda, Garden Grove, La Mirada, & Morgan Hill
- Sand Hill Road PG&E Gas Distribution Line, Menlo Park
- Construction Zone Traffic Control, Fountain Valley
- Katella Avenue Construction Zone Traffic Control, Anaheim
- Beach Boulevard Construction Zone Traffic Control, Buena Park

Traffic Operations Analysis

- Golden State Boulevard/Golf Road/Berkeley Avenue Intersection Improvement, Stanislaus County
- Miramonte/Covington Bicycle & Pedestrian Improvements, Los Altos
- Wanda Hirsch Circulation Study, Tracy
- San Tomas Expressway & Montague Expressway Traffic Operations System, Santa Clara County

Transit

- San Leandro Boulevard. BART Downtown Pedestrian Interface Project, San Leandro

- Tulare CAG Long Range Transit Plan, Tulare County

Parking Studies

- City of Parking Guidance System, San Jose
- Contra Costa County Parking Management Plan, Martinez
- Fourth Street at Lootens Place Parking Assessment, San Rafael
- Bayview Business Park Trip Generation Study, San Rafael
- City of Coppell Parking Ordinance Revision, Coppell, TX
- City of Dallas Deep Ellum Parking Study, Dallas, TX

Safe Routes to School

- Safe Routes to School 2015, Sunnyvale
- Safe Routes to School Implementation, Sunnyvale
- Safe Routes to School Designs, Kettleman
- Safe Routes to School Designs, Los Altos
- Marin-Curtis Safe Routes to School Pedestrian Improvements
- Safe Route to Valparaiso, Menlo Park
- Safe Route to Oak Knoll, Menlo Park

Corridor Studies/Complete Streets/Streetscape Project

- Mission Boulevard Complete Streets Design Project, Alameda County
- Miner Avenue Complete Streets PS&E, Stockton
- Shoreline Boulevard Transportation Corridor Study, Mountain View
- East 14th Streetscape Project, Alameda County
- Ralston Avenue Corridor Improvements – Segments 1 & 2, Belmont
- Citywide Intersection Safety Improvement Study, San Bruno
- Charleston-Arastradero Corridor Improvements, Palo Alto
- Shoreline Boulevard Traffic Adaptive Signal System, Mountain View

- Arastradero Road Streetscape, Palo Alto
- Pier Avenue Streetscape, Hermosa Beach
- Telegraph Avenue Streetscape, Oakland

Signal Coordination

- Dinuba Signal Synchronization Project, Dinuba
- Ocean Avenue/Water Avenue Signal Coordination, Santa Cruz
- Willow Road Traffic Signal Coordination, Menlo Park

Bicycle & Pedestrian Studies

- Homestead Road at Homestead High School Pedestrian & Bicycle Improvements, Sunnyvale
- Pedestrian & Bicyclist Safety & Connectivity Study, Dinuba
- Central Corridor Bicycle & Pedestrian Safety Improvements, Daly City
- RRFB Installation Pedestrian Safety Project, Manteca,
- Stanford Neighborhood Streets Enhancement Project, Redwood City
- Sunnyvale-Saratoga Road Traffic Signal, Bicycle & Pedestrian Safety Project, Sunnyvale
- UC Merced Rancher's Road Traffic Evaluation Project

Traffic Calming

- Neighborhood Traffic Calming Program & Complete Streets Policy, Dinuba

Traffic Control Device Inventory

- Retroreflectivity Sign Project, Manteca

Systemic Safety Analysis Report Program

- City of Glendale
- Culver City
- Yuba City
- City of Folsom
- Yuba County
- San Luis Obispo County
- City of Pittsburg
- County of Del Norte



AREAS OF EXPERTISE

- Traffic Operations
- Traffic Handling
- Pavement Delineation
- Signage Plans
- Bicycle & Pedestrian Implementation
- Complete Streets
- Safe Routes to School
- Traffic Signal Design
- Intelligent Transportation Design
- ITS Planning

YEARS OF EXPERIENCE

14

REGISTRATIONS & CERTIFICATIONS

CA EIT 154117

PROFESSIONAL HISTORY

TJKM	2013-Present
URS	2007-2012

EDUCATION

B.S., Civil Engineering, San Jose State University, San Jose, CA

Mr. Patel has 14 years of professional experience in transportation/traffic engineering and design. He has provided support on traffic impact studies, highway operation analysis, signal coordination projects and highway design plans, specifications and estimates (PS&E) packages. Mr. Patel has worked on various electrical design projects which include street lighting, traffic signal, and intelligent transportation system design plans, as well as the preparation of traffic handling, signage, and striping plans.

Mr. Patel has worked with various jurisdictions in the San Francisco Bay Area, Tri-Valley, Central Valley, and Northern California and is very familiar with their different standards and requirements. This knowledge often leads to minimal need for plan check comments during the design phase. For all projects, Mr. Patel has developed project estimates, specifications to accompany the full plan set. He has met with clients for comment review meetings, assisted cities on answering contractor Requests for Information (RFI's) on design work, and have met with them onsite to resolve any design questions.

Rutvij Patel, EIT

PROJECT MANAGER

Project Role: Signing/Marking Plans Task Lead

Project Experience

Traffic Signal Systems & Signal Coordination

- Pittsburg Stoneman Intersection Improvements, Pittsburg
- HSIP Traffic Signal Improvement Project, Pittsburg
- HSIP Various Signalized Intersection Safety Improvements Project, Citrus Heights
- HSIP Citywide Traffic Signal Hardware Upgrade, Concord
- Barstow Avenue & Palm Avenue Traffic Signal, Fresno
- Traffic Signal Modifications at Central Expressway & Castro Street, Mountain View
- Miner Avenue Complete Streets PS&E, Stockton
- Traffic Signal Update Project HSIP, Manteca
- Three HSIP Projects for West Leland Corridor Safety Improvements, Pittsburg
- Lovers Lane/Tulare Avenue Signal Design, Visalia
- Mathilda/Indio Intersection Improvements, Sunnyvale
- East 14th Streetscape Project, Alameda County

- Dinuba Signal Synchronization Project, Dinuba
- Intersection Improvements at Grant Road & Phyllis Avenue/Martens Avenue, Mountain View
- Traffic Signals at the Intersection of 11th Street & Transit Loop Road, Union City
- Traffic Signal Hardware & Wiring 2017 Project, Sunnyvale
- Main Street & Cedar Way Traffic Signal & Street Lighting, Milpitas
- Veranda Shopping Center Traffic Signal Modifications & Signing/Striping Plans, Concord

Intelligent Transportation Systems Design

- AC Transit Line 97 South County Corridors Transit Performance Initiative Project Adaptive Traffic Control System
- Preliminary Engineering & Environmental Services for the Port of Oakland CIP Projects, Oakland
- ITS & Signal Synchronization Project, Visalia
- Santa Fe Street Signal Installation & Fiber Interconnect Project, Visalia



- Shoreline Boulevard Traffic Adaptive Signal System, Mountain View
- SR 180 Braided Ramp Design/Build Project, Fresno

Construction Traffic Control Plans

- TCP Cordes Ranch Phase 1A, Tracy
- TCP Cordes Ranch Phase 1C, Tracy
- Patterson Ranch Traffic Control Plans, Fremont
- Traffic Handling Plans for PG&E Gas Line, Fremont

Corridor Studies/Complete Streets

- Middlefield Road PS&E, Palo Alto
- Eureka North-South Multimodal Corridor Study, Eureka
- Shoreline Boulevard Transportation Corridor Study, Mountain View
- Charleston-Arastradero Corridor Project, Palo Alto
- California Street/Escuela Avenue Complete Streets Feasibility Study, Mountain View
- San Benito Street Corridor Study, Hollister

Pedestrian & Bicycle Studies

- Crosswalk Improvement Installation PS&E at Four Locations, Menlo Park
- Homestead Road at Homestead High School Pedestrian & Bicycle Improvements, Sunnyvale
- Bike Lane Gap Closure, On-Call Task Orders 1 & 2, South San Francisco
- Ralston Avenue Corridor Improvements – Segments 1 & 2, Belmont
- Pedestrian & Bicyclist Safety & Connectivity Study, Dinuba
- I-680 Interchange Bicycle & Pedestrian Improvements, Fremont
- San Leandro Boulevard. BART Downtown Pedestrian Interface Project, San Leandro
- Central Corridor Bicycle & Pedestrian Safety Improvements, Daly City
- Bike Lane Gap Closure, West Sacramento

- Quarry Road Improvements & Transit Access, Palo Alto

Safe Routes to School

- Safe Routes to School 2015, Sunnyvale
- Marin-Curtis Elementary Safe Routes to School Pedestrian Improvement, Albany
- Safe Routes to School Traffic Signal on Lincoln Avenue, Fresno County
- Safe Routes to School, Kettleman City
- Safe Routes to School Implementation, Sunnyvale
- Marin-Curtis Safe Routes to Schools Pedestrian Improvements, Albany

Traffic Impact Studies/EIRs

- California High Speed Train Traffic Impact Study, Fresno to Bakersfield Segment
- Commercial Development Along Green, Atwater
- CVS Pharmacy, Hanford
- Bear Creek Village Automated Carwash, Merced
- The Shoppes at University Village Traffic Impact Study, Merced
- Traffic Impact Study for O'Neill Vintners & Distillers, Fresno County
- Almond Avenue Traffic Study, Madera
- Shaw Avenue/De Wolf Avenue Traffic Impact Study, Clovis

On-Call Traffic/Transportation Planning & Engineering

- Geometric & Complete Streets Design Services, San Jose
- Bicycle Facilities On-Call Engineering Services, Fresno
- On-Call Traffic Engineering Services, Palo Alto
- On-Call Traffic Engineering Services, Fremont

Regulatory Rapid Flashing Beacon

- Pedestrian Crossing Improvements at Four Locations, Fremont
- RRFB Installation Pedestrian Safety Project
- Flashing Beacon for Via Moraga, Moraga

- Chiquita Grove Crosswalk & Beacon, Healdsburg

Traffic Operations

- I-580 Eastbound Express Lane Project, Alameda County
- I-580 Eastbound HOV/HOT Lane Project, Alameda County
- SR 85/US 101 Express Lane Project
- SR 85 Traffic Operations Report, Santa Clara County

Highway Design PS&E Packages

- SR 84 Isabel Avenue Segments A & B, Alameda County
- US 101 MSN B2 & B4 Project, Sonoma County
- US 101 Auxiliary Lanes Project, Santa Clara County
- US 101/Broadway Interchange Corridor Project & Environmental Document, San Mateo County

Local Road Safety Plan

- Kern Council of Governments
- Mendocino Council of Governments
- City of Glendale
- City of Folsom
- City of Culver City
- City of Antioch
- City of Farmersville

Systemic Safety Analysis Report Program

- County of Yuba
- County of Del Norte
- County of San Luis Obispo
- City of Pittsburg
- City of Dinuba

Traffic Calming

- Neighborhood Traffic Calming Program, Millbrae
- Neighborhood Traffic Calming Program & Complete Streets Policy, Dinuba
- Traffic Calming in the Lyon-Hoag Neighborhood & Vicinity, Burlingame



BRAD D. BUBLITZ, EI

Project Manager / Public Works / Land Development



Brad Bublitz has 20 years of specialized experience in roadway, stormwater management systems, residential and commercial sites. He has extensive project management experience encompassing preliminary and final design, value engineering, cost estimating, specification writing, bidding and construction management for public and private land development. He is highly experienced in the permitting process through various agencies including FDEP, SJRWMD and FDOT. His engineering skillset includes roadway design and layout, FDOT certified in work groups 3.1, 3.2 and 7.1, large scale residential and multifamily projects, water and sewer utilities, and multi-phased projects.

EDUCATION

BS, Environmental Engineering,
University of Central Florida
(1995)

REGISTRATIONS

Engineer Intern:
FL #1100008042

FDEP Stormwater Inspector:
#7950

EXPERIENCE

Total Years: 20
With Halff: 15

REPRESENTATIVE PROJECT EXPERIENCE

Roundabout at CR 561 and CR 455 | Lake County, FL

Halff provided survey, design, utility coordination and permitting for the Roundabout Design at the intersection of CR 561 and CR 455 In Lake County. This was FDOT LAP project, FPN #429606-1-58-01.

CR 33 PD&E Study | Lake County

This project included utility coordination and preliminary stormwater management system design.

Alfred Street One Way Pair and Streetscape Project | Tavares, FL

Halff provided route survey, roadway design, community involvement, project management, drainage analysis and design, and utility coordination for one-way pairing. Project included permitting with SJRWMD, FDOT, Lake County, the City of Tavares, and land acquisition from FDOT surplus lands for a wet retention pond. Halff provided all coordination and permitting associated with this acquisition. A streetscape scope was added to include on-street parking, hardscape, landscape, irrigation design, ADA accessibility, decorative brick paver cross walks, street furnishings, and creating a standardized template for streetscape design.

Orange Avenue Improvements | Umatilla, FL

Improvements to the stormwater collection and treatment system included dry retention, sediment traps with exfiltration, stormwater outfall pipe connecting to the Trowell Avenue storm system, reconstruction of roadway, curbing, and sidewalk. The project minimized localized flooding, reduced pollutant loading to Lake Umatilla. Halff provided design, surveying, permitting and construction administration services. The project was also a joint venture with an FDEP 319 Grant and in-kind services from Lake County Schools.



DUANE K. BOOTH, PE

Vice President / Operations Manager



EDUCATION

BS, Civil Engineering, University of Central Florida (1987)

REGISTRATIONS

Professional Engineer:
FL #446313, GA #32135,
SC #26215

FDEP Stormwater Inspector:
#7947

EXPERIENCE

Total Years: 33
With Halff: 15

PROFESSIONAL SOCIETIES

- American Society of Civil Engineers (ASCE)
- Florida Institute of Consulting Engineers
- Florida Engineering Society

Duane Booth has more than 30 years of experience in drainage, stormwater, roadway engineering, and project management for public and private land development, including utilities, site layout, grading and permitting. He has extensive knowledge of permitting through various agencies including FDEP, SJRWMD, and FDOT. His engineering skillset includes: commercial/industrial site planning and design municipal facilities, street and highway design, parks and recreation design, municipal water and wastewater infrastructure master planning and design, urban/rural subdivision planning and design, stormwater design, flood studies, FEMA map revisions, borrow pit and mining design.

REPRESENTATIVE PROJECT EXPERIENCE

Roundabout at CR 561 and CR 455 | Lake County, FL

Halff provided survey, design, utility coordination and permitting for the Roundabout Design at the intersection of CR 561 and CR 455 In Lake County. This was a FDOT LAP project, FPN #429606-1-58-01.

East Lake Community Park Expansion | Lake County, FL

Halff provided a topographic survey of existing conditions, provided grading plans for proposed improvements for drive aisles, parking lots and sidewalks, as well as bid document preparation and construction administration services.

Waterman Village Expansion | Mount Dora, FL

Waterman Village is a retirement/assisted living community located in Mount Dora that enlisted Halff to assist with their expansion. The project called for a new, multi-building facility on 39 acres with approximately 33 buildings. Halff was the prime consultant and retained and coordinated with subconsultants for geotechnical, landscape, traffic studies and electrical engineering. Halff provided surveying, master site plan design, construction administration and the modeling of stormwater runoff in order to design and permit the stormwater management system. Waterman Village also desired a 3,000 square foot office building with associated parking and covered golf cart parking. Halff designed the site and handled all necessary permitting for this project.

Lake David Park | Groveland, FL

Halff provided site survey, a performance-based design for a splash pad, site engineering and site plan, managed electrical and architectural subconsultants and provided construction administration services for improvements to the park that also included a new restroom building, playground equipment replacement, parking lot improvements and site event electrical improvements.

LOCATION PERCENTAGE OF
WORK TO BE COMPLETED

Address of Prime Consultant's designated office where the majority of work will be performed	
Street	100 South Ashley Drive
Street 2	Suite 600
City	Tampa
State	FL

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	35.00%
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Address of Prime Consultant's other offices where work will be performed (if applicable)	
Street	4305 Hacienda Drive
Street 2	Suite 550
City	Pleasanton
State	CA

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	75.00%
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Percentage of total overall fees projected to be performed by firms located within Lake County including the Prime Consultant and Subconsultants.	25.00%
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