



STAFF REPORT

TOWN COUNCIL MEETING OF AUGUST 11, 2015

To: Town Council

From: Town Manager

Subject: 2015 CAPITAL IMPROVEMENT PROGRAM PROJECT ENGINEERING—Award of contract to Engineer Double Left Turn Lanes At Sierra College Boulevard and Taylor Road Signal.

Date: July 20, 2015

RECOMMENDATION:

Adopt resolution awarding to low bidder, Omni-Means, Inc. and Authorizing Town Manager to Execute an Agreement acceptable to the Town for the 2015 Capital Improvement Program Project Engineering in the amount of \$24,400.

Issue Statement and Discussion

At the May 14, 2015 Town Council meeting the Town Council approved modifications to the Town's Capital Improvement program. Among the projects included for the 2014-2015 CIP was:

- Taylor Road westbound dual left turn lanes onto Sierra College Boulevard

The adopted CIP includes \$230,000 to construct the dual left turn lanes, modify the signal and modify the median to facilitate the dual lanes. While the staff report stated that staff was working with Bennett Engineering on the design, no contract had been entered into. Subsequently town staff sent an RFP out on June 30, 2015 and received 2 bids. Bids for the project were accepted and opened on July 15, 2015. Bennett Engineering and Omni-Means submitted bids. Bennett Engineering bid \$40,594 and Omni-Means bid \$24,400. It was determined that Omni-Means submitted the lowest responsive bid at \$24,400.

CEQA:

This project is exempt under the California Environmental Quality Act (CEQA) Section 15301. (c&d) (Class 1), "Existing Facilities" of the guidelines.

FINANCIAL AND/OR POLICY IMPLICATIONS:

This project is included in the 2014/2015 fiscal year Capital Improvement Program (CIP). Construction costs are estimated at \$230,000. Funding will be provided by the Rocklin Crossings Settlement Agreement.

TOWN OF LOOMIS

RESOLUTION NO. 15-__

**RESOLUTION OF THE COUNCIL OF THE TOWN OF LOOMIS
AWARDING TO LOW BIDDER, OMNI-MEANS, INC.
AND AUTHORIZING TOWN MANAGER TO EXECUTE AN AGREEMENT
ACCEPTABLE TO THE TOWN FOR THE 2015 CAPITAL IMPROVEMENT PROGRAM
PROJECT IN THE AMOUNT OF \$24,400**

WHEREAS, the Town Council at its May 12, 2015 regular meeting approved the 2015 Capital Improvement Program projects set forth by staff, and

WHEREAS, The 2015 Capital Improvement Program projects included the Taylor Road westbound dual left turn lanes onto Sierra College Boulevard ; and

WHEREAS, bids were received on July 15, 2015 and evaluated for responsiveness to the request for bids and cost for performing the work; and

WHEREAS, it was determined that, Omni-Means, Inc. submitted the lowest responsive bid at \$24,400;

NOW, THEREFORE, IT IS HEREBY RESOLVED that the Town of Loomis accepts the bid of Omni-Means, Inc. having submitted the lowest responsive bid in the amount of \$24,400 and hereby authorizing the Town Manager to execute an agreement acceptable to the Town for design and engineering the 2015 Capital Improvement Program Project ".Taylor Road westbound dual left turn lanes onto Sierra College Boulevard"

PASSED AND ADOPTED by the Council of the Town of Loomis this 11th day of August, 2015 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

Mayor

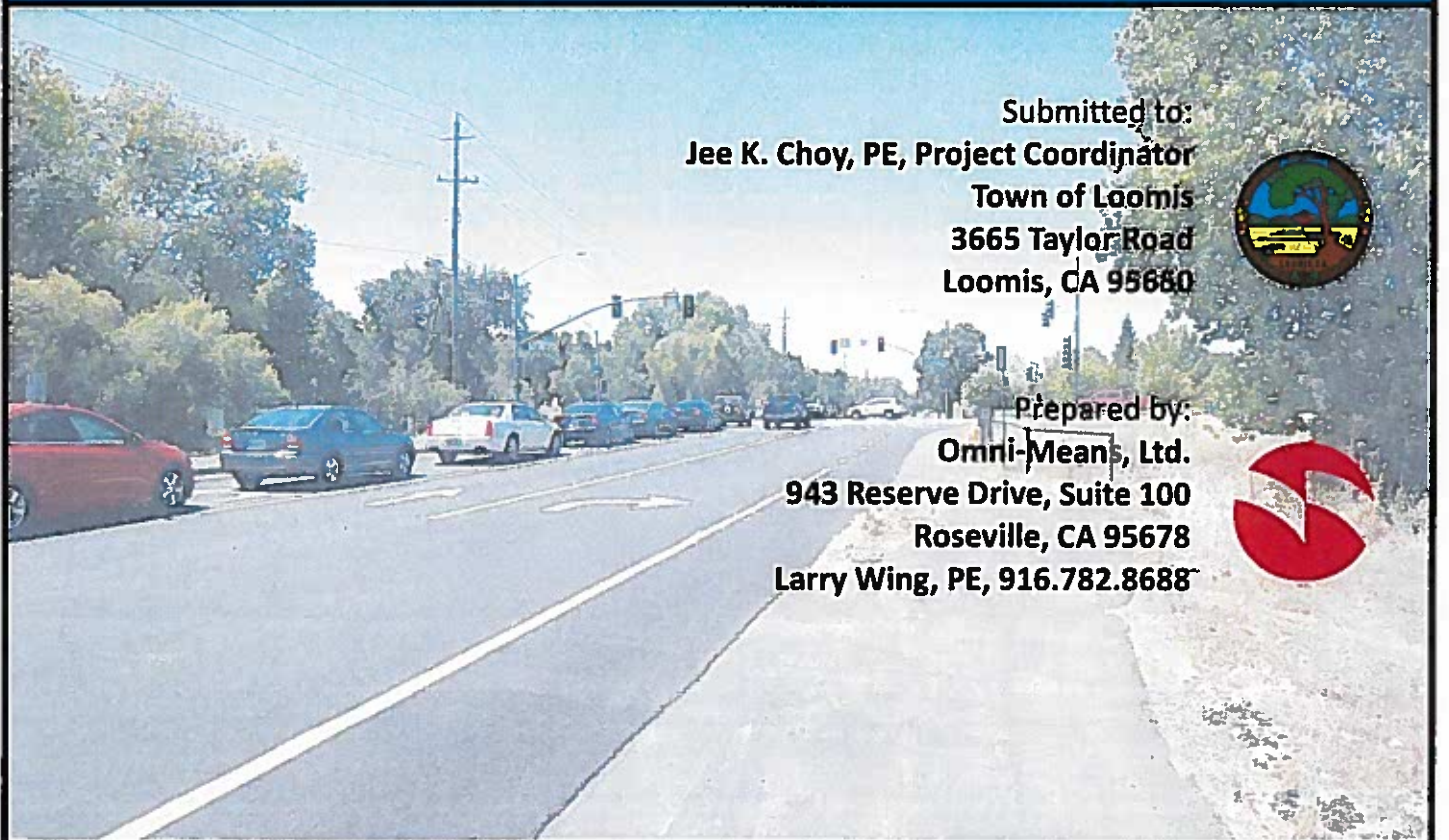
ATTEST:

Town Clerk



Proposal for:

Taylor Road/Sierra College Boulevard Roadway Improvements



Submitted to:
Jee K. Choy, PE, Project Coordinator
Town of Loomis
3665 Taylor Road
Loomis, CA 95680



Prepared by:
Omni-Means, Ltd.
943 Reserve Drive, Suite 100
Roseville, CA 95678
Larry Wing, PE, 916.782.8688





July 15, 2015

Jee K. Choy, PE, Project Coordinator
Town of Loomis
3665 Taylor Road
Loomis, CA 95650

RE: Request for Proposal – Taylor Road and Sierra College Boulevard Roadway Improvements

Dear Mr. Choy:

Thank you for this opportunity to provide our proposal to assist the Town of Loomis with your Taylor Road and Sierra College Boulevard Roadway Improvements project. Our understanding, vision, and approach to the challenges of this project and our familiarity and ability to work with the Town staff will be key to delivering this project.

Our Project Manager for your project, Mr. Larry Wing, was the City Engineer for the adjacent City of Rocklin from 2001 until 2011. He was the City Engineer at the time of the Sierra College Blvd. Widening project which included a segment largely in the Town of Loomis from Granite Drive northerly to the same intersection as your current project, namely Taylor Road and Sierra College Blvd. In this role, he worked closely with the Town staff to develop an acceptable design for all parties. Mr. Wing's experience as the City Engineer affords him a keen insight into the inner workings of a city or town and will enable him to effectively deal with all the issues of the Project, whether internal or external.

All of the work associated with this Project will be accomplished with Omni-Means personnel as we have the necessary surveying, roadway design, and traffic signal design staff in house. The bulk of the work will be accomplished from our Roseville office, less than ten miles away from the project site and Town offices.

Why Choose Omni-Means

At Omni-Means, we pride ourselves in the successful delivery of our projects. Our internal organization allows us to assemble a team which possess the expertise in the multiple disciplines you need to deliver your Project. Your project specific team has been assembled to provide combined expertise in project delivery, engineering design, and field exploration which ensures the Town a successful roadway and intersection improvement project. All of us together will provide the Town of Loomis with an ***outstanding team developed specially to deliver your project.***

Sincerely,

Omni-Means, Ltd.

A handwritten signature in blue ink, appearing to read "Martin R. Inouye".

Martin R. Inouye
Principal-in-Charge
minouye@omnimeans.com

A handwritten signature in blue ink, appearing to read "Larry M. Wing".

Larry M. Wing
Project Manager
lwing@omnimeans.com

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943 Reserve Drive, Suite 100
Roseville CA 95678
P. 916.782.8688
F. 916.782.8689

Certifications
California SBE Certified #57677

Length of Time in Business
34 years

Office Locations

- Napa
- Redding
- Roseville
- San Luis Obispo
- Walnut Creek
- Visalia

Software Expertise

Omni-Means utilizes the latest technology for traffic engineering using software programs such as:

- AutoCAD Civil 3D
- Arc GIS
- Cube
- HCS 2000
- RODEL
- SimTraffic
- Synchro
- TP+Viper
- TransCad
- Traffix
- VISSIM

Omni-Means

Omni-Means was founded in 1981 as a multi-disciplinary consulting firm designed to meet the transportation engineering and planning needs of an ever changing marketplace. We provide high quality and cost effective engineering, planning, and design services including:

- ♦ Transportation Planning/Design
 - ♦ Roadway, Roundabouts, and Interchange Design
 - ♦ Roadway Reconstruction and Rehabilitation
- ♦ Civil Engineering
 - ♦ Construction Cost Estimating
 - ♦ SWPPP Preparation and Stormwater Treatment
 - ♦ Storm Drainage Infrastructure and Detention Facilities
 - ♦ Infrastructure Design and Utility Coordination
- ♦ Landscape Architecture/Wayfinding
 - ♦ Complete Streets/Streetscape Design
 - ♦ Bicycle and Pedestrian Planning and Design
- ♦ Construction Management, Support and Inspection
- ♦ Traffic Engineering
 - ♦ Traffic Signal and Street Light Design
 - ♦ Traffic Impact Analyses and Circulation Studies
- ♦ Grant Preparation and Administration
- ♦ Land/Construction Surveying
- ♦ Geographic Information Systems

Roadway/Highway Design

Omni-Means has in-house expertise in all aspects of roadway and highway design. Our staff are well-versed and experienced in the standards and policies contained in the Caltrans Highway Design Manual, AASHTO Policy Manual, California MUTCD, CalDAG and Title 24. We prepare detailed designs with strict attention to all elements including grading and drainage, sight distances, ADA conformity, erosion control, pavement design, utilities, signing and striping, stage construction/traffic handling, signal/lighting, and truck turning movements. We design in AutoCAD Civil 3D allowing the efficient creation of cross sections, and 3D earthwork calculations.

Traffic Signal and Lighting Design

Omni-Means provides traffic and electrical engineering services such as reviewing and preparing PS&E for traffic signal and street lighting projects (both new installations and retrofits), signal interconnect systems, signal timing plans, in-pavement illuminated pedestrian crosswalks, emergency vehicle preemption systems, and parking lot lighting; as well as other traffic engineering functions related to traffic operations and safety. We have successfully completed projects throughout the state ranging from small to large-scale projects with construction costs varying from \$150,000-\$750,000. We have prepared more than 100 Plans, specifications, and cost estimates for traffic signal installations. Our clients include local and state agencies, as well as private developers, requiring our work to conform to various local, state, and national standards.



Company Experience

Project Understanding and Constraints

Omni-Means understands that the Town of Loomis wishes to construct specified improvements at the intersection of Taylor Road with Sierra College Boulevard. Specifically, the Town proposes to improve existing traffic congestion by adding an additional left-turn lane from westbound Taylor Road to southbound Sierra College Boulevard and restriping the existing right-turn lane from a dedicated right-turn to a through/right.

Omni-Means is very familiar with this intersection having designed the Sierra College Boulevard Widening project from Rocklin Road in the City of Rocklin to Taylor Road in the Town of Loomis. A good portion of the widening project from Granite Drive to Taylor Road is within the Town limits and required close coordination with Town staff and elected officials during the design phase. Our proposed Project Manager, Mr. Larry Wing, was the City Engineer for the City of Rocklin during the design and construction of this phase and worked closely with the Town staff to develop a design that was mutually acceptable to all parties.

Omni-Means is also currently under contract with the Town of Loomis to prepare an update to the Circulation Element to the General Plan and also with Sierra Community College to develop a new driveway into the college on Rocklin Road between El Don Drive and Sierra College Boulevard. Staff from Omni-Means has developed traffic projections for both of these projects, which includes traffic numbers for existing and future conditions for the Taylor Road/Sierra College Boulevard intersection. These traffic numbers will prove invaluable when analyzing the intersection for the best improvements.

In order to add a dedicated left-turn lane, the existing median will have to be removed. This median appears to have been constructed using glue down curbs which in some places have been cracked or broken (see picture above at right).



It will be necessary to construct a new concrete median and we would suggest not using the glue down curbs but rather a standard planter curb. The new concrete median will be much narrower, but there is room to add stamped concrete in the median or some other type of embellishment. Omni-Means has a Landscape Architect on staff to assist the City in choosing a median embellishment if so desired. Whatever type of design that is proposed for the median will have to take in the existing monument sign, including the existing solar lighting.



The existing pavement width is approximately 50-feet. This would leave enough room for two - eleven-foot wide left-turn lanes, an eleven-foot wide through lane, a ten-foot wide through/right-turn lane, a five-foot wide bike lane, and a two-foot wide median. All of the new improvements should be able to be accommodated within the existing pavement limits and no new paving should be required. Based on the topographic survey, there may be a need to construct a small overlay in the area of the existing median where the new left-turn will be created. Also, we would need to analyze the traffic



numbers to design the storage length of the two left-turn lanes, as well as the transition length, always keeping in mind the location of the City's monument sign.

Additional traffic loops will need to be installed in the new left-turn lane, along with the wires tied back into the traffic controller located on the northwest quadrant of the intersection. Additional modification to the detector loops may be required as we complete our design.

It appears that the mast arm that controls the traffic movements for the westbound Taylor Road traffic is too short and will need to be replaced. The Omni-Means team will determine the best length and location for this mast arm, keeping in mind the left turning traffic movement from eastbound Taylor Road onto northbound Sierra College Boulevard. The design must maintain the two-way signal design and allow the Taylor Road left-turn movements to occur at the same time as currently is the case.



There appears to have been a recent overlay (or overlays) on the portion of Taylor Road affected by this improvement, as well as Taylor Road approximately 200-feet west of the intersection with Sierra College Boulevard and proceeding westerly towards the City of Rocklin/Town of Loomis limit line. Therefore, the intersection itself and approximately 200 feet west of the intersection were not overlaid. Depending on the City's budget, we would work with the City to develop a design that included some type of pavement improvement for this area. As a minimum, for any portion of the existing paving that requires new striping, we would suggest that the existing lane lines be removed and a slurry

seal or some other type of sealcoat be placed before installing the new striping.

Omni-Means understands that this project will be funded with Town only money with no contribution from any federal funding source. As such, the environmental document will only need to satisfy CEQA. Given the type of project, we would expect that the environmental document would be a Categorical Exemption (CE). We further understand that the City will prepare this document and therefore have not included staff nor time to prepare the CE.

Since the project will not be disturbing any new ground, it is our feeling that the Town will not be required to complete a Storm Water Pollution Protection Plan (SWPPP) under the National Pollution Discharge Elimination Systems (NPDES) permit. Therefore, we have not included preparation of the SWPPP as a task.

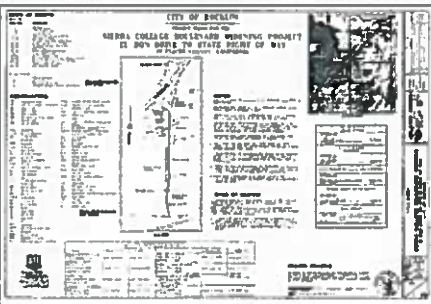
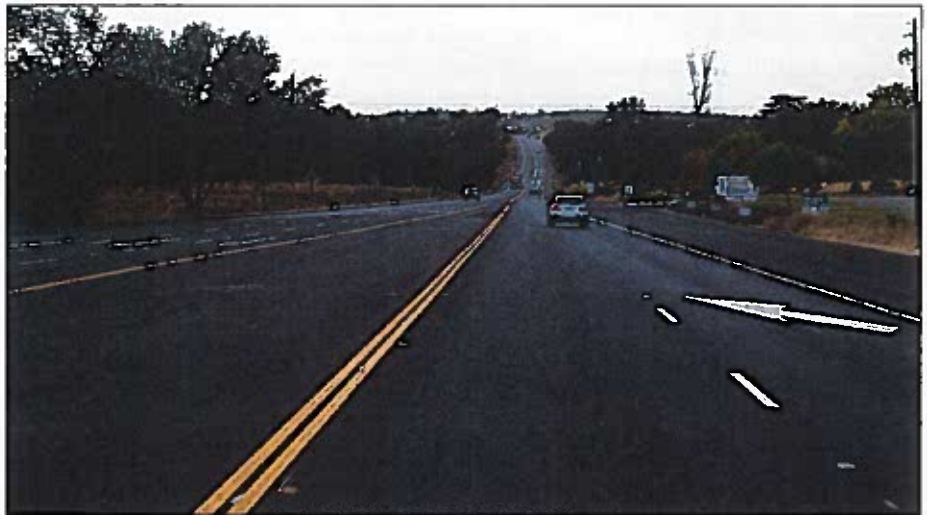
Company Experience

Sierra College Boulevard Widening Project - Rocklin

Reference:
Dave Palmer, City Engineer, City of Rocklin, 916.625.5118

The City of Rocklin administered this 1.5 mile roadway improvement project for the South Placer Regional Transportation Agency (SPRTA). The project consisted of widening the existing two-lane rural road to 4 to 5 lanes with a median, signalized intersections and drainage improvements to be completed in two (2) phases.

Improvements for the Town of Loomis, Sierra Community College and South Placer Municipal Utility District were also included in the project as bid alternates. The project involved the relocation of overhead electrical and modification to a 16" water transmission main. The total cost of the 2 phases was estimated at \$5.5 million, the actual bid came in at \$4.4 million.



I-80/Sierra College Boulevard Interchange Modifications and Traffic Signal System - Rocklin

Reference:

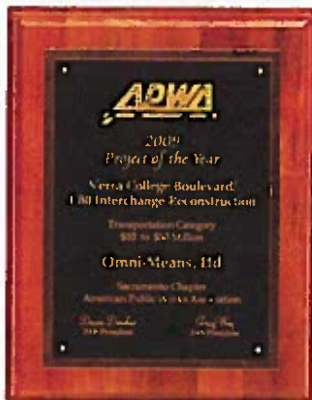
David Palmer, City Engineer, City of Rocklin, 916.625.5118

Omni-Means prepared the PSR, PA/ED and PS&E for the \$23 million dollar modification to the existing Sierra College Boulevard interchange on I-80. The PSR was first approved in November 1999 and proposed the replacement of the existing overcrossing structure and ramps with a new six-lane bridge, and new on/off-ramps including the addition of direct connecting on-ramps.

Several improvement alternatives were evaluated as part of the PSR, which included a split diamond interchange, clover leaf, partial clover leaf. Our matrix analysis rated the partial clover leaf alternative as the superior alternative in terms of impacts, costs, and right of way. The final project included:

- Design of closely spaced interconnect traffic signal system with signals at the eastbound and westbound ramps intersections
- A signal modification at Granite Drive and Sierra College Boulevard

In addition, freeway and street lighting, as well as ramp metering at the westbound off-ramp, were also part at the project.



Company Experience

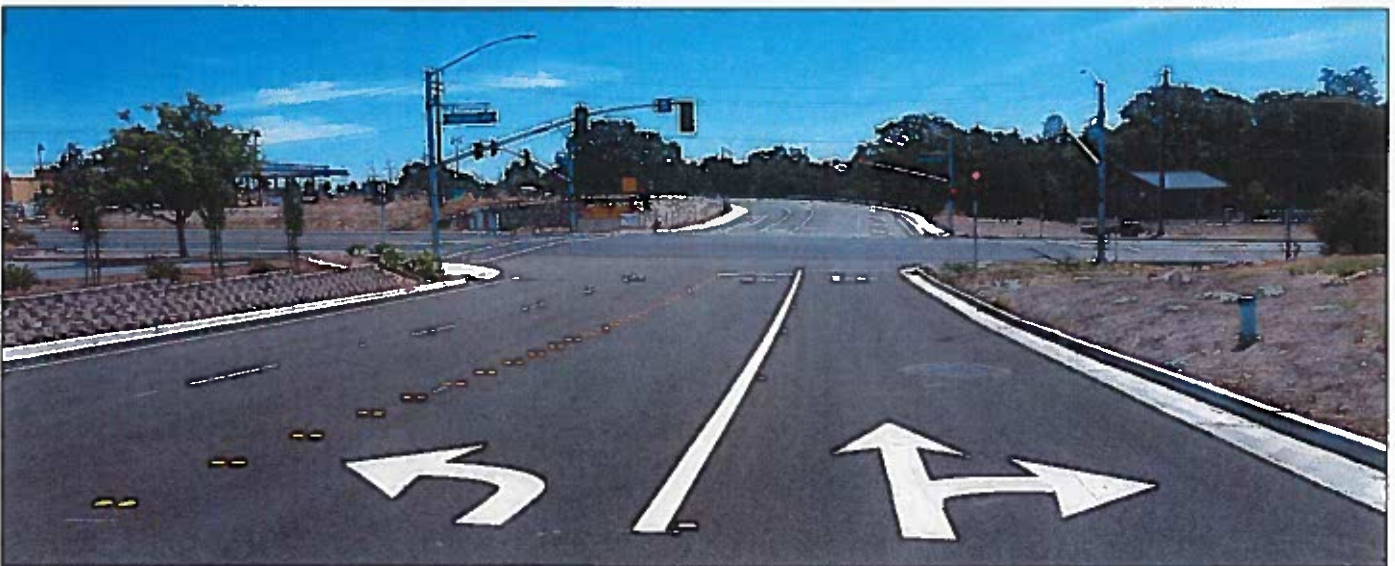
Traffic Signal Design at Sierra College Boulevard/Dominguez Road - Rocklin

Reference:

David Palmer, City Engineer, City of Rocklin, 916.625.5118

Omni-Means was retained by the City of Rocklin to design a traffic Signal at the Sierra College Boulevard/Dominguez Road intersection. The project consisted of an intersection layout and traffic signal design to accommodate a new access roadway to Rocklin Crossings and the residential areas behind.

As part of the project, Omni-Means provided an interim and ultimate layout of the intersection and traffic signal design in order so that the signal poles could be placed in their ultimate location while still accommodating the interim layout. Omni-Means also provided surveying services including base mapping and preparation of right of way acquisition documents.



Westfield Galleria at Roseville Regional Mall Expansion - Roseville

Reference: Rob Jensen, Assistant City Manager, City of Roseville 916.774.5334 or Keith Kaplan, Westfield Corporation, 310.893.4146

Other Services

- CIP development/Implementation
- Budget preparation
- Council agenda/reports/presentations
- Public facilities master plans
- Finance plans and strategies
- Contract documents/specifications
- Development entitlement review and developer fee programs
- Plan and map checking
- Technical studies
- Real estate acquisition
- Environmental documents
- Legal descriptions, maps and field surveys
- Agreements with other agencies
- Traffic engineering
- GIS program
- AutoCAD drafting support, paper/digital information development
- Storm water programs/SWPPP
- Grant funding



Westfield Corporation, owner of the Westfield Galleria at Roseville has completed the 465,000 square foot expansion. Omni-Means was retained to study the impacts of the expansion which included: roadway widening, storm drain modifications, joint trench relocation coordination, sewer line relocations, traffic signal modifications, and traffic simulations. Omni-Means conducted daily counts, analyzed parking analysis findings; and prepared preliminary cost estimates and stage construction/traffic handling. The increased traffic activity resulted in the need for significant on and off-site improvements including:

Holiday Season. We studied traffic circulation during the Holiday season to develop and implement improvements to offset heightened levels of traffic. Working with City and Westfield staff to create a system of traffic signs, traffic barriers, and flaggers to recirculate on-site traffic. The system was first implemented in 2004 and dramatically reduced the number of complaints. The system is still in use today.



Traffic Impact Study. We studied the impacts, develop, and implement the improvements to offset the traffic. A portion of the study was dedicated to alternatives analysis that provided potential impacts and improvements associated with each alternative. The initial study was used as a technical document for the environmental study and helped identify the preferred mall expansion concept.

Multilane Roundabout. The increased traffic activity resulted in the need for significant access changes, including a new internal roundabout (Antelope Creek/Galleria Circle) adjacent to the main mall entrance. Construction of the roundabout was completed summer 2007.

Survey. We began with performing a property survey and resolving the existing properties and easements, then moved on to aerial photogrammetry and topographic mapping (a portion required surveying architectural elements on the face of the building). The project also requires a lot line adjustment between eight parcels to accommodate the new site layout.

Traffic Signal Modifications. We performed the traffic signal modifications at Roseville Parkway/Reserve Drive, Galleria Boulevard/Antelope Creek Drive, and Roseville Parkway/Galleria Circle.

SR 65/Galleria Boulevard Off-Ramp Widening and Signal Modification. The SR 65 southbound direct off-ramp was uncontrolled at Galleria Boulevard and presented safety concerns due to weaving movements of vehicles on accessing the shopping mall. The accident data analysis indicated that actual accident rates exceeded the state average. We completed a PEER and PS&E for the off-ramp widening and traffic signal modification.



Company Experience

SR 65/Galleria Boulevard Off-Ramp Widening and Traffic Signal Modification, PEER, and PS&E - Roseville

Reference:

Rob Jensen, Assistant City Manager, City of Roseville, 916.774.5334

Omni-Means was under contract with Westfield Corporation for off-site transportation and traffic signal improvements during the expansion of *Westfield Galleria at Roseville Regional Mall*. Omni-Means studied the impacts of the increased traffic activity and developed the necessary on/off-site improvements to offset those impacts. The selected and designed improvements included:

- ♦ Traffic Signal modifications at East Roseville Parkway/Reserve Drive, Galleria Boulevard/Antelope Creek Drive, and East Roseville Parkway/Galleria Circle
- ♦ East Roseville Parkway widening
- ♦ SR 65/Galleria Boulevard Southbound off-ramp PEER, PS&E, widening, and traffic signal modifications

Construction of the off-ramp widening and traffic signal modification improved safety and increased the intersection capacity of SR 65 Southbound/Galleria Boulevard ramps.

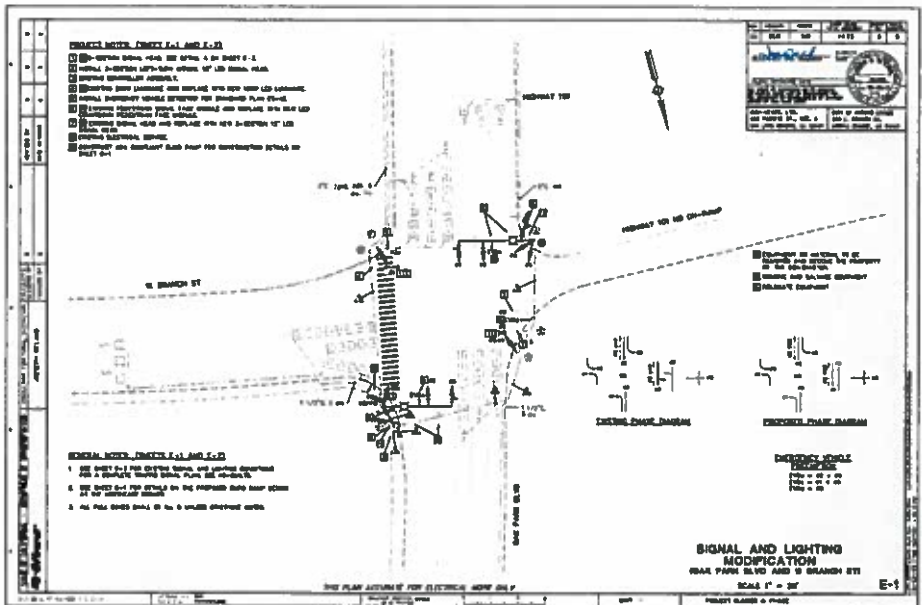


Oak Park/US 101 Traffic Signal Modification - Arroyo Grande

Reference:

Mike Linn, Capital Projects
 Engineer, City of Arroyo Grande,
 805.473.5444

The City of Arroyo Grande was successful in securing HSIP funding to construct modifications to the existing traffic signal at the Oak Park Boulevard/Branch Street/US 101 northbound on-ramp. The City retained Omni-Means to develop the traffic signal modification plans, technical specifications and construction cost estimate. The final package was provided to the City in June 2015.

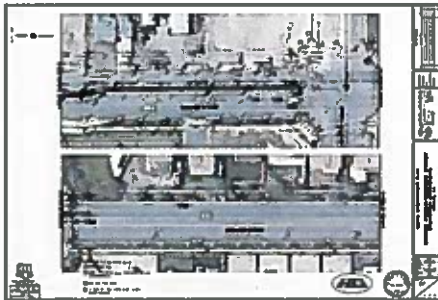
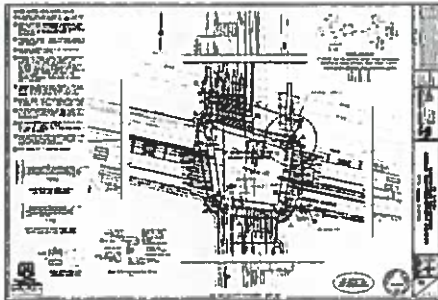


Company Experience

Goshen Avenue/ Demaree Street Intersection Improvements - Visalia

Reference:

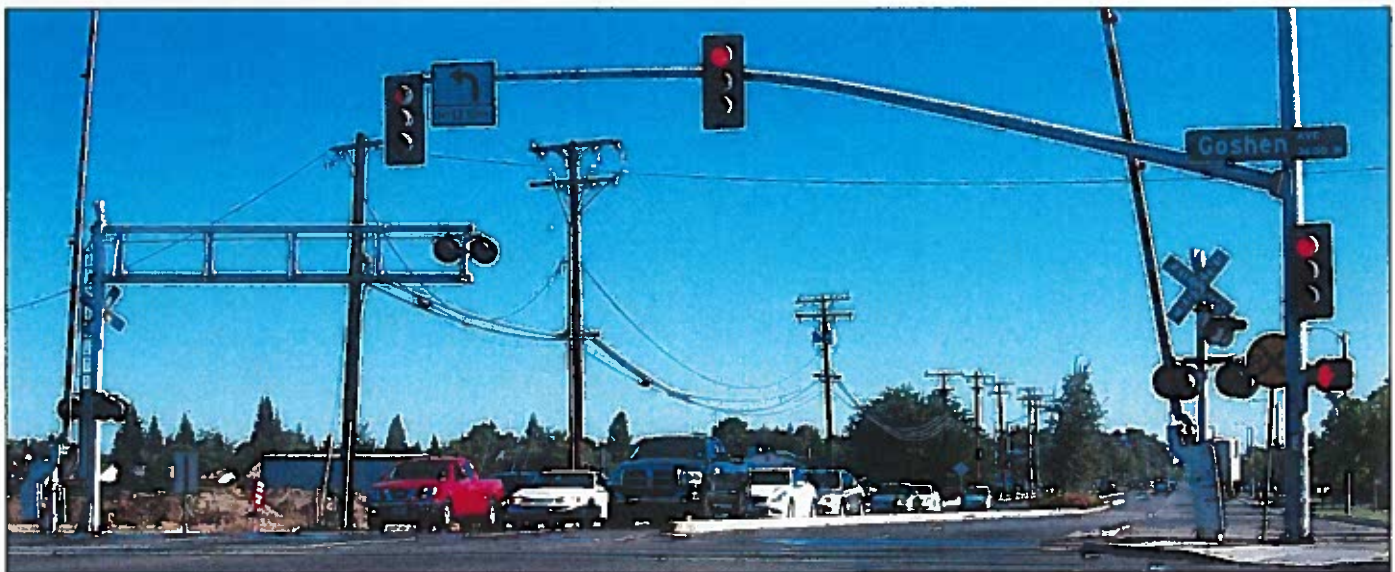
Rebecca Keenan, Engineering
Department, City of Visalia,
559.713.4541



Omni-Means was retained to complete PS&E for intersection improvements at the intersection of Demaree Street/Goshen Avenue in the City of Visalia. Services currently being provided by Omni-Means include preparation of street improvement and traffic signal and interconnect design plans, public outreach, right of way support, railroad coordination, and utility coordination. This intersection is one of the most congested intersections in north Visalia during the morning and afternoon commute periods. Major elements and coordination items associated with the project include the following:

- ◆ Traffic analysis update and validation;
- ◆ Traffic signal and interconnect design;
- ◆ ADA improvements including curb ramps, multi-use trail crossings, and RR track crossings;
- ◆ Intersection widening on all approaches;
- ◆ Improvements to the existing SJVRR/UPRR crossing (panels, warning devices, pre-emption, etc);
- ◆ Coordination with off-site improvements associated with mini-storage development;
- ◆ Public outreach (exhibits and public meeting);
- ◆ Right of way support (exhibits, plats/legal descriptions, design adjustments, etc);
- ◆ Street improvements including overlay's, reconstruction, widening, curbs, gutters, sidewalks, raised median installations;
- ◆ Landscaping and irrigation design for raised medians/parkway strips; and
- ◆ Signing/stripping improvements.

The project is currently in the 60-percent design stage. PS&E is scheduled to be completed in Spring 2016.



Omni-Means

Martin Inouye will serve as Principal-in-Charge and will be actively involved to ensure the Town of Loomis' expectations and project requirements are fulfilled. He will oversee schedule adherence, technical review, ongoing communication with our clients and overall quality control in collaboration with the Quality Control officer. As a Principal, he has vast experience in coordinating PS&E projects of all sizes throughout California.

Larry Wing, PE will be the Project Manager and will lead the overall effort to complete your project on time and on budget. He will serve as the primary point of contact for the Town. He will be responsible for project administration, invoicing, project schedule, technical review, scheduling and directing staff and subconsultants, ongoing coordination and meetings with the Town, and managing the project specifics. He will work collaboratively with the Town to ensure Omni-Means provides you with a successful project.

Daniel Kehrer, PE will be the Project Engineer on this project. He will provide civil engineering design and traffic engineering support including assembling computer drawing plans/exhibits using AutoCAD software, quantity calculations, and cost estimations. He is well versed in preparing project reports, PS&E, right of way certification, utility coordination, and construction plan review.

Joseph Weiland, PE will lead the Traffic Signal Design Services for this project. He has managed a variety of transportation projects throughout northern California, Nevada, and Oregon which required traffic signal design including signal systems, coordinated traffic signal timing, and street lighting design. He also has extensive experience in managing transportation planning and design projects that include preparation of transportation management plans, construction staging, traffic control plans and detour plans as project elements.

Sarah Huffman, EIT will assist with any Traffic Signals Designs. She has been involved in several projects aimed at improving a variety of traffic operations and prepares traffic signal design and improvements, roadway improvement exhibits, sign design, roundabout concepts, and cost estimates.

Lindsey Van Parys, PE, QSD/QSP will be responsible for the Erosion Control. She is Registered with the California Water Board as a QSD/QSP and can prepare any needed Erosion, Water and Storm Water Pollution documents needed for your project. She has designed water and drainage systems, roadway and highway improvements, streetscapes, interchanges, and bicycle trails for several cities, counties, and Caltrans districts throughout California.

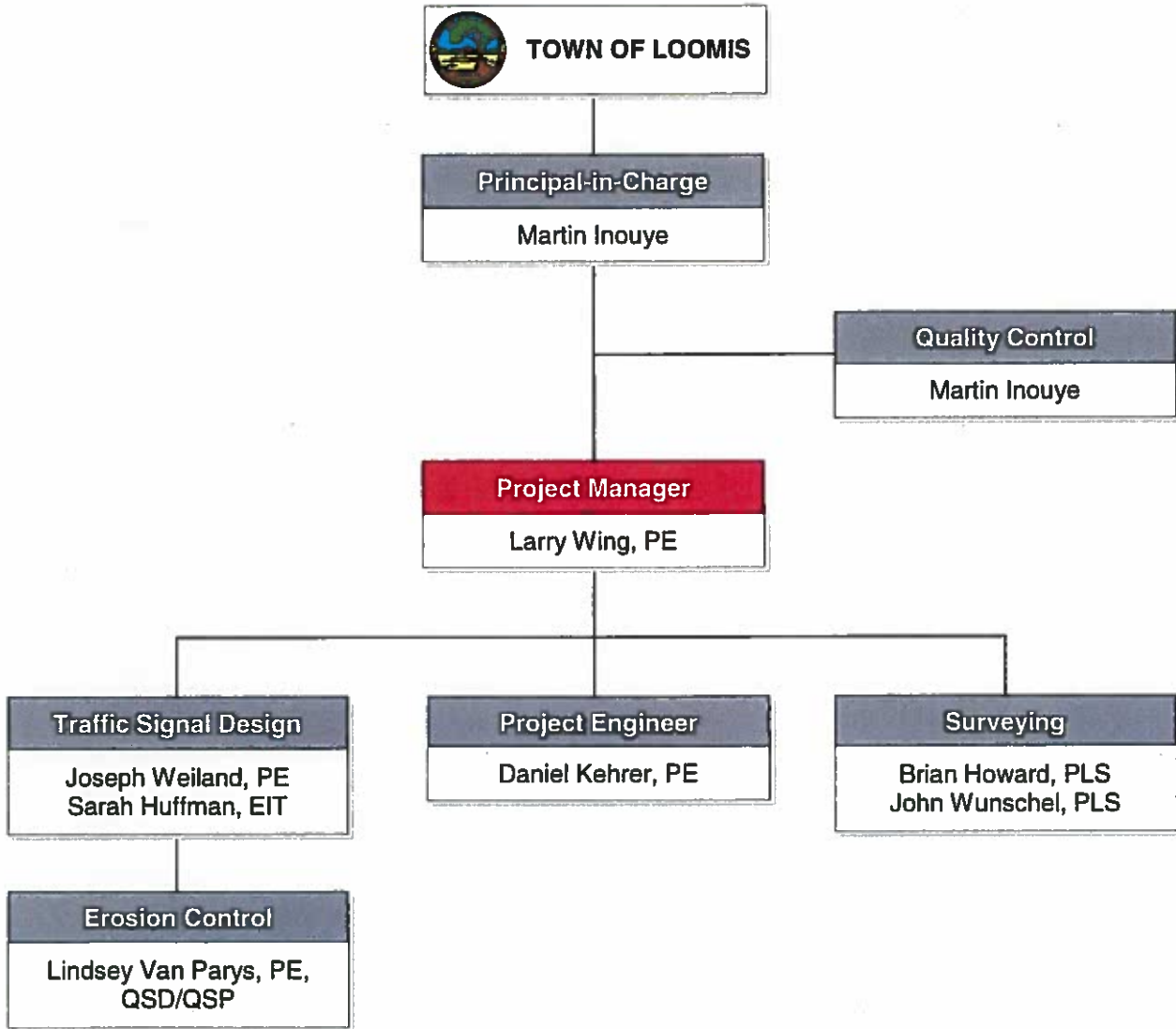
Brian Howard, PLS will be your Survey Manager on this project. He has over 30 years of engineering and surveying experience. Throughout his career, he has performed the full range of surveying work: Chainman, Instrumentman, Party Chief and Right of Way Engineering. He has extensive experience performing surveying and right of way engineering on high profile projects.

John Wunschel, PLS will provide Surveying support. His typical survey responsibilities include topographic mapping, ALTA surveys preparation, deed research, aerial photo control surveys, the use of GPS and theodolite survey equipment/techniques. He provides mapping and survey services associated with Right of Way, boundaries, and easements.



Organizational Chart

Omni-Means has assembled a comprehensive team for the Town of Loomis. The organizational chart identifies the Project Manger, Project Engineer, and other key persons that will be involved and the roles/ functions each person will perform. Resumes can be found on the following pages.



Martin Inouye

Project Role

- Principal-in-Charge
- Quality Assurance/Control

Registration/Affiliations

Institute of Transportation Engineers, Associate Member

Education

- BS, Environmental Planning and Management - UC Davis
- Master of Urban and Regional Planning - Transportation Emphasis - CSU San Jose

Professional Skills

- Specific Plan Circulation Planning and Analysis
- General Plan Update Circulation Planning and Analysis
- County and Citywide Traffic Modeling

Qualifications

Martin Inouye is one of the owners of the company and serves as a Principal-in-Charge and/or Project Manager for transportation and site development planning projects. He has more than thirty years of experience in the disciplines of planning and transportation engineering. In this capacity, he is responsible for the administration and quality control of projects. He is also a specialist in the Caltrans project approval process from PSR through PS&E.

Mr. Inouye project experience includes Specific Plan Preparation, General Plan Circulation Element and Traffic Element Preparation, Residential and Commercial Site Planning and Design, Traffic Impact and Safety Studies, Parking Analysis, Bikeway Planning, and Government Processing. His project finance experience includes Nexus Fee Studies consistent with AB1600, Assessment District Financing, and Community Facility District Financing (Mello Roos).

Project Experience

- Town of Loomis Bicycle Transportation Plan Update 2010 - Loomis
- Town of Loomis Trails Master Plan 2010 - Loomis
- Town of Loomis Downtown Community Plan/Circulation Element - Loomis
- I-80/Sierra College Boulevard Interchange Reconstruction PSR, PR & PS&E - Rocklin
- SR 99/Central Galt Interchange Modification PSR and PA/ED - Galt
- SR 99/Fulkerth Road Interchange Modifications PSR - Turlock
- Oak Park Boulevard/Branch Street/US 101 Northbound On-Ramp - Arroyo Grande
- O'Byrnes Ferry Road Left Turn Pocket - Calaveras County
- Dogtown/SR 49 Mitigation Evaluation - Angels Camp
- SR 49/Main Street Intersection Roundabout - Plymouth
- Halcyon Road Corridor Study - Arroyo Grande
- Sierra Community College Rocklin Campus New Driveway Improvements on Rocklin Road - Rocklin
- CSUS Campus Master Plan Circulation Study - Sacramento
- City of Benicia Traffic Impact Fee Update - Benicia
- South Halcyon Road Corridor Study - Arroyo Grande
- American Canyon Circulation Element Update - American Canyon
- ACTC and City of Jackson Circulation Improvement Program and Transportation Impact Fee Update - Jackson
- Galt Entertainment Complex TIA - Galt
- Cameron Park Community Transportation Plan - Cameron Park



Staff Experience

Larry Wing, PE

Project Role
Project Manager

Registration/Affiliations

- Civil Engineer, CA #29836
- American Public Works Association
- American Society of Civil Engineering

Education

- BS, Civil Engineering - CSU Sacramento
- MS, Civil Engineering - CSU Sacramento

Employment History

Capital Program and Engineering Services Support Manager - City of Elk Grove

City Engineer - City of Rocklin

- Sierra College Blvd/1-80 Interchange
- Whitney Ranch Master Plan Development

Roadway Section Manager/ Senior Project Manager - HDR Engineering

- US 50/East Bidwell Interchange Reconstruction
- I-80/Madison Avenue Interchange

Senior Transportation Engineer - City of Folsom

- Lake Natoma Crossing Bridge
- US 50 at Prairie City and Folsom Blvd. Interchange Utility Relocation Work

Senior Civil Engineer - Sacramento Public Works Department

Qualifications

Larry Wing has 37 years of valuable experience providing a unique combination of public and private engineering services. He recently retired as the City Engineer for the City of Rocklin, his position has made him adept at working with other City departments and developers on land use issues, creating consensus and direction that result in the efficient use of time and resources.

Project Experience

- **2012 El Dorado Trails - Placerville.** Project Manager. Preparation of final design including construction documents for 2 trail segments. The first is from Ray Lawyer Drive to Main Street and will be constructed along existing railroad right of way. The second is downtown from Clay Street to Bedford Avenue adjacent to Hangtown Creek/US 50. Both segments will consist of a paved asphalt bike/pedestrian path. Final design - fall 2013, construction - spring 2014, Costs for both segments - app. \$500,000.
- **Whitney Ranch Phase II Development - Rocklin.** Project Manager for plan checking services of 15 infrastructure/subdivision improvement plans. Performed a complete review and prepared comments for the improvement plans, drainage reports, street light voltage drops calculations, and cost estimate. Also evaluation of the Conditions of Approval to make certain all conditions of the environmental document and the Tentative Map are complied with. Est construction cost - \$100 mil.
- **Highway Safety Improvement Program Applications.** Prepared 3 HSIP funding applications for the Caltrans Cycle 5 application process. Applications were for: 1) Roundabout for Lincoln Ave./California Blvd.-Napa; 2) Improvements at Skyline Blvd./E. San Joaquin St.-Avenal; 3) Improvements at Putnam Ave/D Street-Porterville.
- **Placerville Station II - Placerville.** Assumed Project Manager role. Project adds a paved parking lot to a Park-n-Bus facility and a right-turn lane with curb gutter and sidewalk at Mosquito Rd/US 50 WB on/off-ramps. The project is within the US 50 Scenic Corridor so there are requirements for undergrounding the existing overhead facilities, which would exceed project funding. Worked with PG&E, AT&T, and Comcast to develop a design that would work and be within funding. Prepared/submitted a PUC Exemption Package which was approved and final design is underway.
- **City of Rocklin On-Call City Engineer Services - Rocklin.** Responsibilities include the final review and signatures for final subdivision/parcel maps, coordinate requests to FEMA for flood insurance map conditional, and final Letters of Map Revisions.
- **CSU Sacramento Infrastructure Improvements - Sacramento.** He coordinated with the City on the location/design of a new connection from the University to Folsom Blvd, drainage outfall issues with the City, and reviewed several on-site improvement concepts meant to improve transportation within the University campus.



Daniel Kehrer, PE

Project Role
Project Engineer

Registration/Affiliations
Civil Engineer, CA #82663

Education
BS, Civil Engineering - CSU
Sacramento

Previous Employment
Dokken Engineering - Folsom, CA.
Assistant Engineer. 2006-2014

Professional Skills

- Alignments/Geometrics
- Right of Way Acquisition Documents/Coordination
- Roadway Design PS&E
- Rail Crossings
- Utility Coordination and Relocation
- Stage Construction Traffic Handling
- Pavement Delineation and Signing
- Cost Estimates

Software

- Microstation
- InRoads
- AutoTurn
- ArcGIS
- AutoCAD
- VBA

Qualifications

Daniel Kehrer has assisted on several projects and studies providing civil engineering design and traffic engineering support including assembling computer drawing plans/exhibits using AutoCAD software, quantity calculations, and cost estimations. He is well versed in preparing project reports, PS&E, right of way certification, utility coordination, and construction plan review. He is very familiar with design codes such as the Caltrans Highway Design Manual, AASHTO Roadside Design Guide, and the 2012 MUTCD.

Project Experience

- ♦ **Sierra College Campus Master Plan Traffic and Parking Update - Rocklin.** Engineer. Assisted with the conceptual layout and parking plan in preparation of the EIR for Master Plan Update.
- ♦ **2012 El Dorado Trail Project - Placerville.** Engineer. Assisted in preparing Project Bid Documents including the Project Specifications, Construction Agreement and implementing the required Federal Contract Language as a part of the multi-use trail project.
- ♦ **SR 49/Main Street Roundabout PS&E - Plymouth.** Engineer. Roadway design engineer, plan and estimate preparation (35%, 65%, and 95% to date), retaining wall design, utility agreements & potholing. Project will be the first roundabout in State right of way for District 10. The single lane roundabout will increase safety and reduce delay at the intersection while accommodating large truck traffic and improve multi-modal access at the gateway. Project is utilizing local, state and federal funds for design and construction, construction is expected to begin in Summer 2015.
- ♦ **State Route 116 TIS - Cotati.** Engineer. Roadway design engineer, developed multiple signal and highway realignment alternatives for a traffic study regarding construction of a Safeway Shopping Center. Alternatives were developed for design year and future year scenarios using Caltrans and local standards. Coordinating improvements with planned developments in the General Plan.
- ♦ **17 Mile Drive/Holman Highway 68/Highway 1 Roundabout - Monterey.** Engineer. Assisted in the preparation of 30% PS&E and Preliminary Design Report summarizing key features of the analysis and design in Northwestern Monterey County.
- ♦ **First Street and Second Street Roundabout along California Boulevard PS&E - Napa.** Engineer. Assisted in the preparation of the design geometrics, 30% Design Drawings, and right of way acquisition for three roundabouts in the downtown area.
- ♦ **SR 60/Sunnymead Intersection HSIP - Moreno Valley.** Engineer. Assisted in the preparation of the ICE document to determine whether a roundabout or traffic signal is the most effective solution for meeting the goals of the HSIP Project.
- ♦ **Walnut Avenue/Argonaut Way/Parkhurst Drive Roundabout Peer Review - Fremont.** Engineer. Assisted in the Peer Review of the design geometrics, roundabout analysis, and review of the Project Plans for a three-leg roundabout intersection.
- ♦ **SR 99/Simmerhorn Road Roundabout Intersection Feasibility Study Phase 1 - Galt.** Staff Engineer. Assisted in generating the Technical Memorandum, performing roundabout traffic operations analysis, and feasibility study for the SR 99 northbound ramps.



Joseph Weiland, PE

Project Role

Traffic Signal Design

Registration/Affiliations

- Civil Engineer, CA #53755
- Institute of Transportation Engineers
- American Public Works Association

Education

BS, Civil Engineering - CSU Chico

Presentations

ITE, District 6 Annual Conference:

- Salt Lake City 1997; SR 299 Sacramento River Crossing Major Investment Study.
- Las Vegas 1999; Shasta County Interchange Study (14 Interchanges on I-5, SR 44, SR 299)
- San Diego 2000; Caldwell Avenue Major Investment Study

Professional Skills

- Roadway Design
- Signal Design
- Transportation Planning
- Traffic Engineering

Qualifications

Joseph Weiland has managed a variety of public and private transportation projects throughout northern California, Nevada, and Oregon. He is responsible for the day-to-day management relative to all phases of transportation planning and design and traffic engineering. In this role, he coordinates quality control, staff management, project management and scheduling, cost estimation, client relations, design and public presentations. He specializes in the preparation of Project Study Reports (PSR), Project Reports (PR), Project Approval and Environmental Design (PA/ED) and Major Investment Studies (MIS) for projects in Caltrans Districts 2, 3, 4, 5, 6 and 10.

Project Experience

- I-80/Sierra College Boulevard Interchange PSR, PA/ED and PS&E, Electrical Plans - Rocklin
- I-80 Eastbound Ramps/Rocklin Road Interchange PSR, PA/ED and PS&E - Rocklin
- Cherokee Road Improvement Project (Design Engineering Services) - San Joaquin County
- Eleventh Street Special Purpose Plan - San Joaquin County
- Mooney Boulevard Intersection and Signal Improvements Planning, CEQA Compliance and PS&E - Visalia
- North Avenue Traffic Signal Improvements - Fresno
- Road 108 Widening PA/ED, PS&E and ROW Acquisition Services - Tulare County
- Save Mart Center Transportation and Circulation Access Study - Fresno
- SR 12/Thornton Road Traffic Signals - San Joaquin County
- SR 65/Blue Oaks Boulevard Interchange PSR/PR/PS&E Electrical Plans - Rocklin
- SR 99/Cartmill Avenue Interchange PSR, PA/ED and PS&E - Tulare
- SR 132/Bird Road Interchange PSR, PA/ED, and PS&E - San Joaquin County
- Stanislaus Street/Weber Avenue Traffic Signal - Stockton
- Sunset West Parcel Traffic Signal PS&E - Rocklin
- SR 198/Farmersville Boulevard RCAR, ED and PS&E - Farmersville
- Cotati Commons Street and Highway Improvements - Cotati
- Avenue 280 Widening PA/ED, Project Manager - Tulare County
- Caldwell Avenue/Avenue 280 Major Investment Study - TCAG, Tulare County
- Garst Road Extension Design Project - Stanislaus County
- Cascade Boulevard PSRE - Shasta Lake
- Fancher Creek and Fowler Avenue Roundabout Conceptual Plan PS&E - Fresno
- Academy Avenue Plan Line/CEQA, Project Manager - Fresno
- Flores Avenue Access Road - Tehama County
- Barstow Avenue, Electrical Design Services - CSU Fresno
- Cherokee Road Improvement Project (Design Engineering Services) - San Joaquin County



Lindsey Van Parys, PE, QSD/QSP

Project Role

Erosion Control

Registration/Affiliations

- Civil Engineer, CA #79989
- California Water Board QSD/QSP - 2013 to 2015 #23879
- Young Professionals in Transportation, Sacramento Chapter - Co-Founder & Deputy Chair
- American Society of Civil Engineers
- Women's Transportation Seminar

Education

- BS, Civil Engineering - CSU Sacramento
- BS, Health Science - CSU San Jose
- BS, Spanish - CSU San Jose

Certifications:

Certificate, Traffic Collision Investigation - Northwestern University Center for Public Safety, IL

Foreign Languages: Proficient in Spanish

Professional Skills

- Bicycle/Pedestrian Transportation Plans and Trails
- Roadway and Streetscapes
- PS&E Preparation
- Utility Coordination
- Public Outreach
- Highway/Interchange Improvement
- Drainage Systems Design

Qualifications

Lindsey Van Parys is a Project Manager and a recent addition to the Omni-Means Team. Prior to working with Omni-Means, she was an Associate Engineer with a private firm where she provided continual coordination with clients and agencies for all aspects of projects and conducted/attended project meetings with clients, agencies, and stakeholders. Her engineering background includes designing roadway and highway improvements, streetscapes, interchanges, bicycle trails and drainage systems for several cities, counties, and Caltrans' districts throughout California.

Project Experience

- **2012 El Dorado Trail Projects - Placerville.** Assistant Project Manager. Overseeing the preparation of the Mitigated Negative Declaration and Initial Study and responsible for preparing the PS&E for both segments of the trail and working with City to ensure all funding criteria and deadlines are met. For Segment 1 she is coordinating with Caltrans encroachment permit personnel and review disciplines to ensure the project meets all State and City standards and obtain an encroachment permit. For Segment 2 she is coordinating with adjacent projects to ensure the design of both projects conform with each other.
- **SR 104 (Twin Cities Road) Roadway Widening - Galt.** Project Engineer. Responsible for the preparation of the PS&E delivery to the City including roadway design, drainage design, and utility coordination, obtaining the Caltrans Encroachment Permit, coordinating with the adjacent project which is modifying the interchange immediately adjacent to the project, and coordinating with a private developer modifying the roadway in the middle of the widening project.
- **Old Redwood Highway Complete Street Improvement - Cotati.** Project Engineer. Assisting in the preparation of the roadway PS&E submittal and responsible for overseeing the design of the north end phase of the project including roadway design, drainage design, utility coordination and right of way engineering.
- **I-80/Rocklin Road Roundabout Interchange PSR and PA/ED - Rocklin.** Project Engineer. Assisting in the identification and conceptual approval of design alternatives and responsible for the preparation/approval of the Concept Approval Report for the roundabout alternative, the Project Report, and eventually PS&E.
- **O'Byrnes Ferry Road Left Turn Pocket - Calaveras County.** Project Engineer. Responsible for obtaining the Right of Way and Utility Certification in order to obtain the Authorization to Proceed (E-76) with construction for this Federally funded project. Providing the utility coordination efforts by working with the utility companies, the County, Caltrans Utility Coordinator and Local Assistance Engineer to obtain certification.
- **Leisure Town Road/Vanden Road Roundabout - Vacaville.** Project Engineer. Responsible for preparing the PS&E for a roundabout for the City at an accelerated pace and overseeing the design and ensuring it coordinates with the adjacent roadway and private development projects.



Sarah Huffman, EIT

Project Role

Traffic Signal Design

Registration/Affiliations

Engineer-in-Training in California

Education

BS, Civil Engineering - California Polytechnic State University, San Luis Obispo

Professional Skills

- Roundabout Design
- Plan Layouts
- Cost Estimates
- Grading
- Drainage
- Utilities
- Traffic Signals

Qualifications

Sarah Huffman has been involved in several projects aimed at improving a variety of traffic operations since joining Omni-Means as Staff Engineer. The support she gives includes preparing proposed roadway improvement exhibits, sign design for Caltrans highway projects, design of new roundabout concepts, and cost estimates. She researches and implements current standards for the governing agencies when drafting designs in AutoCAD. On a daily basis, she works collaboratively with our transportation design staff in preparing plans for various projects.

Project Experience

- **Oak Park Signal Modification - Arroyo Grande.** Staff Engineer. Assisted with signal modification PS&E plans.
- **Analysis of Potential Development with Modification of the Traffic Way Interchange - Arroyo Grande.** Staff Engineer. Planning level concept sketches to establish cost estimates and right of way impacts.
- **SR 99/Cartmill Avenue PS&E - Tulare.** Staff Engineer. Assisted with signs, drainage, pavement delineation, and construction details in and around the signalized intersections.
- **Prosperity/M Street & Prosperity/Oaks Street Traffic Signal Design Services - Tulare.** Staff Engineer. Prepared cost estimates and special provisions for 65% plan submittals.
- **Visalia Road Landscape Master Plan Visalia Road and Belmont Avenue PS&E - Exeter.** Staff Engineer. Updated the signal modification plan and lighting plan. Prepared cost estimates and special provisions for the 65% plan submittal.
- **SR 1/SR 41/Main Street Intersection Analysis - Morro Bay.** Staff Engineer. Analyzed the performance of a signal versus a 6-leg roundabout in an ICE Step 2 report.
- **SR 60 Sunnymead Intersection - Moreno Valley.** Staff Engineer. Analyzed the performance of a signal versus a roundabout for an ICE Step 1 report.
- **Southwest Fowler Traffic Engineering Services - Fowler.** Staff Engineer. Planning level concept sketches to establish construction feasibility/footprint/right of way impacts.
- **Oxnard Corridor Transportation Improvement Plan - Oxnard.** Staff Engineer. Planning level concept sketches to establish construction feasibility/footprint.
- **Downtown Specific Plan Services - Cotati.** Staff Engineer. Assisted in the preparation of the preliminary and final roadway, striping, signing, utility, and construction detail plans.
- **Rocklin Manor-Land Development - Rocklin.** Staff Engineer. Assisted with site grading, utility design, and drainage. Designed roadway widening and corresponding pavement delineation. This project included a signal modification.
- **City of Turlock General Plan and Fee Update - Turlock.** Staff Engineer. Planning level concept sketches to establish cost estimates and right of way impacts.
- **City of Jackson Circulation Improvement Program and Transportation Impact Fee Update - Jackson.** Planning level concept sketches to establish cost estimates and right of way impacts.



Brian Howard, PLS

Project Role
Survey Manager

Registration/Affiliations
Professional Land Surveyor, CA
#7250

Education

- AS, Engineering - College of the Siskiyous, Weed
- BS, Survey and Photogrammetry - CSU Fresno

Certification /Cont. Education

- Advanced BLM Cadastal Workshop
- Water Boundaries for California Land Surveyors
- Hypack Hydrographic Training Seminar

Professional Skills

- Right of Way Engineering
- Topographic Mapping
- Boundary Resolutions
- Construction Staking

Equipment Expertise

- Trimble R8 GPS Receivers
- Trimble 5700 GPS Receivers
- Trimble S6 Robotic Total Stations
- TSC2 Survey Controllers
- Digital Level
- Differential Levels
- Needed Accessories

Qualifications

Brian Howard has 27 years of engineering and surveying experience working for Los Angeles Water and Power, Ronald Greenwell & Associates and Howard Meridian Associates. Throughout his career, he has performed the full range of surveying work: Chainman, Instrumentman, Party Chief and Right of way Engineering. He has extensive experience performing surveying and right of way engineering on high profile projects.

Project Experience

- **Interim County Surveyor - Trinity County.** County Surveyor. Map Check Records of Survey, Parcel Maps & Final Maps. Respond to Planning Department Request for Comments on planning applications. Field Survey for Court Ordered Fence Removal
- **2012 El Dorado Trails - El Dorado County.** Surveyor. Topographic survey of proposed trail route through Placerville. Mapped the right of way to avoid the need to acquire additional real property rights.
- **City of El Cerrito - Contra Costa County.** Surveyor. Topographic and right of way mapping of 1.9 miles of connector Streets. The project included all topographic features and surface modeling of area within the street rights of way for the Fairview Drive Corridor Improvement Project.
- **Pine Grove/Cascade Boulevard Realignment - Shasta Lake.** Surveyor. Provided topographic survey and right of way engineering services.
- **County Road 55 (Pencil Road), and County Road 69 Bridge over Pit River - Modoc County.** Survey Manager. Provided construction staking services.
- **I-80/Rocklin Road Interchange Modification - Rocklin.** Surveyor. Data collection and base mapping.
- **Lance Gulch Road - Weaverville, Trinity County.** Survey Project Manager. Performed the duties of Project Manager, field crew member and office surveyor. Provide right of way engineering for the acquisition of property for the Lance Gulch Road Project.
- **O'Byrnes Ferry Road - Calaveras County.** Surveyor. Topographic and boundary surveys for an intersection improvement project. Established project control using GPS, resolved right of way location, and prepared a legal description and plat for acquisition of additional right of way.
- **Rocklin Road Complete Streets Roundabout Corridor - Rocklin.** Surveyor. Right of Way Engineering, Construction Staking, Monumentation Centerline, and record of survey.
- **SR 99/Central Galt Central Interchange - Sacramento County.** Surveyor. Boundary resolution and right of way engineering. Set center line and right of way monuments, provided a right of way record map to Caltrans, and prepared a record of survey.
- **SR 104 (Twin Cities Road) Roadway Widening - Galt.**
- **Shasta View Drive/Inspiration Place Roundabout - Redding.** Surveyor. Provided construction staking services.
- **Shasta View Drive/Old Alturas Road Roundabout Design - Redding.** Surveyor. Provided topographic survey and right of way engineering services.



John Wunschel, PLS

Project Role

Field/Office Surveying

Registration/Affiliations

Professional Land Surveyor, CA
#8937

Education

- Global Positioning Systems - Sacramento City College, Sacramento
- Civil & Surveying Technology: Emphasis in Land Surveying - Santa Rosa Junior College, Santa Rosa
- Advanced Courses in AutoCAD Drafting - American River College, Sacramento
- AutoCAD Drafting and Machining - Consumnes River College, Sacramento

Software/Equipment

- Mobile LiDAR, Leica ScanStation 2
- Riegl VMX-250 Mobile Scanner
- Cyclone
- Trimble Geomatics Office

Qualifications

John Wunschel recently joined Omni-Means in our Roseville office. Formerly he was a Project Surveyor for R.E.Y. Engineers, Inc in Folsom, CA for 7 years. He will provide mapping and survey services associated with ROW, property boundaries, and easements. His typical survey responsibilities include topographic mapping, the preparation of ALTA surveys, deed research, aerial photo control surveys, the use of GPS and theodolite survey equipment/techniques.

Project Experience

- ♦ **Sierra College Boulevard at Dominguez Road - Rocklin. Rocklin Road at Grove Street/South Grove Street Roundabout PS&E - Rocklin.** Project Surveyor. Performed as-built surveys, field topographic survey, research of road records, Caltrans oversight, topographic mapping preparation, right of way surveys and control, and construction staking.
- ♦ **Sierra College Boulevard Widening - Rocklin.** Surveyor. Preparing the base mapping, monumentation surveys, and record of survey.
- ♦ **Rocklin Road Complete Streets Corridor Study - Rocklin.** Surveyor. Performed as-built surveys, field topographic survey, research of road records, Caltrans oversight, topographic mapping preparation, row surveys and control and construction staking.
- ♦ **SR 104 (Twin Cities Road) Roadway Widening - Galt.** Surveyor
- ♦ **2012 El Dorado Trail Projects - Placerville.** Surveyor. Prepared base mapping and field slope staking for the project.
- ♦ **Curtis Park Water Meter Retrofit - Sacramento.** Surveyor. Prepared project control and the topographic survey.
- ♦ **Land Park Water Meter Retrofit Survey - Sacramento.** Surveyor. Prepared project control and the topographic survey.
- ♦ **Putnam Avenue/D Street Traffic Signal Modification - Porterville.** Surveyor. Prepared the topographic survey map and digital terrain model for design.
- ♦ **SR 99/Central Galt Interchange PA/ED and PS&E - Galt.** Project Surveyor. Performed as-built surveys, field topographic survey, research of road records, Caltrans oversight, topographic mapping preparation, right of way surveys and control, legal descriptions, right of way map, monumentation, and construction staking.
- ♦ **SR 99/Cartmill Avenue Interchange PSR, PA/ED and PS&E - Tulare.** Project Surveyor. Performed as-built surveys, field topographic survey, research of road records, Caltrans oversight, topographic mapping preparation, right of way surveys and control, legal descriptions, right of way map, monumentation, and construction staking.
- ♦ **SR 132/Bird Road Interchange - San Joaquin County.** Project Surveyor. Performed as-built surveys, field topographic survey, research of road records, Caltrans oversight, topographic mapping preparation, right of way surveys and control, legal descriptions, right of way map, monumentation, and construction staking.



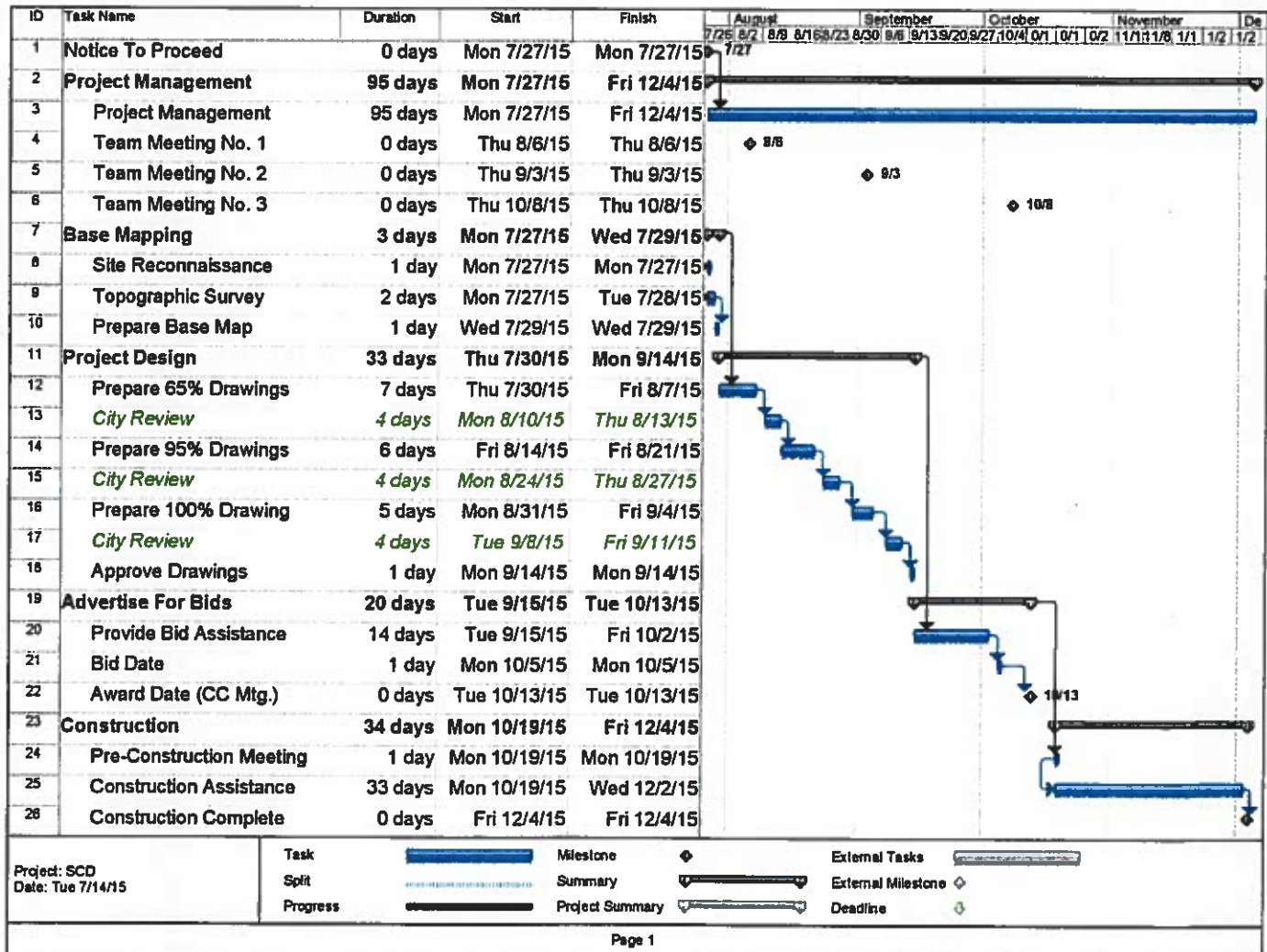
Project Schedule

Following is our proposed schedule for the project. We show a start date of July 27th which seems reasonable given the Town, after receiving the proposals on July 15th, will need to review the proposals and then negotiate and prepare a contract with the selected firm. We have shown the Town review times for the improvement plans as four (4) days, which on the surface would be quick but the plans and specifications are not going to be difficult to review. The construction contract award date is scheduled for October 13th, which is a regularly scheduled Town Council date. If the Town were to hold a special meeting the award date could be sooner.

We have estimated the construction to take thirty-three (33) working days with a completion date of December 4, 2015. This would certainly be more than adequate time to complete the improvements, assuming all the materials are available and on

hand. It is almost a certainty that the traffic signal mast arm in the northwest quadrant will need to be replaced. Sometimes these mast arms can take several weeks or even months to be manufactured and delivered to the job site. Omni-Means, as one of our first tasks, will determine the configuration and size of the mast arm required and contact various suppliers to determine if the new mast arm can be delivered in a timely manner. If the new mast arm could cause delays in the construction schedule, the Town might consider purchasing the mast arm ahead of construction and then provide it to the contractor as a Town furnished item. If the Town elects to purchase the mast arm early, the project contract documents would reflect this information.

Omni-Means will work with the Town staff to adjust the schedule as appropriate to ensure the project is constructed this fall.





Omni-Means Insurance Coverage

Omni-Means can meet the insurance requirements of most agencies. Omni-Means can provide insurance certificates after a Notice of Award is issued. Omni-Means shall maintain the insurance in full force and effect for the duration of the contract and understands that it must be in an amount and format satisfactory to your agency. Below is a breakdown of our insurance coverage:

- ◆ **Commercial General Liability.** General Liability coverage is carried through Valley Forge Insurance Company and Transportation Insurance Company (\$1,000,000 - with a \$4,000,000 liability rider)
- ◆ **Auto Liability.** Auto Liability coverage is carried through Transportation Insurance Company (\$1,000,000 - with a \$4,000,000 liability rider)
- ◆ **Workers Compensation and Employers Liability.** Workers compensation coverage is carried through RLI Insurance Company (\$1,000,000)
- ◆ **Professional Liability (Errors and Omissions).** Errors and Omissions coverage is carried through Ace American Insurance Company (\$1,000,000)



Work Tasks and Lump Sum Fee

Although not specifically requested in the RFP, following is a summary of the work tasks we expect will be necessary in order to complete the design and prepare the contract documents. We have not included preparation of an environmental document as we understand the City will complete this document. Also, we have not included preparation of a SWPPP as we believe this document is not required. However, our design will include the use of Best Management Practices (BMP) to control and treat runoff from construction activities.

Work Tasks

Task 1 - Project Management

- Coordinate Project Team Meetings (a total of three meetings is anticipated)
- Effectively Manage Budget
- Ensure Quality Assurance and Quality Control Measures are Completed
- Prepare Monthly Invoices and Progress Report

Task 2 - Base Mapping

- Research Existing Mapping
- Perform Site Reconnaissance Visit
- Conduct Topographic Survey
- Prepare Base Mapping to be used in project design

Task 3 - Project Design

- Prepare 65% Drawings - Drawings to include Title Sheet, Project Notes, Project Details and Sections, Layout Sheet with Erosion Control Details, Traffic Signal Plans, and Signing and Striping Plan. Prepare Specification Outline. Prepare Preliminary Cost Estimate. Submit to Town.
- Prepare 95% Drawings - Answer comments from 65% Submittal. Prepare Draft Specifications and Contract Documents. Update Preliminary Cost Estimate. Submit to Town.
- Prepare 100% Drawings - Answer Comments from 95% Submittal. Prepare Final Specifications and Contract Documents. Prepare Final Cost Estimate. Submit to Town.

- Final Contract Documents - Answer Town Comments from 100% Submittal. Provide Bid Package to Town.

Task 4 - Advertise for Bids

- Attend Pre-Bid Meeting
- Answer questions of Contractors and prepare Addenda as necessary
- Analyze Bids and provide Bid Summary to Town

Task 5 - Construction

- Attend Pre-Construction Meeting
- Respond to Requests for Information
- Prepare Revisions to Plans as necessary
- Assist Town with preparation of Contract Change Orders
- Using information provided by Contractor, prepare Record Drawings

Lump Sum Fee

Omni-Means will provide the services listed above for a lump sum fee of \$24,400.

